Books Home Page

Book #2

RAILROAD PERIODICALS INDEX
1831 - 1999
EIGHTY PERIODICALS CONTAINING
STEAM, ELECTRIC AND INDUSTRIAL RAILROAD MATERIAL

Compiled by

Thomas T. Taber III

Book #2 **Railroad Periodicals Index**, 875 p. An index of articles found in 84 periodicals - both railroad and non railroad publications and engineering journals. Steam and electric railways. by Thomas T. Taber III. About 1,000,000 p. were looked at and 200,000 items indexed. Also includes a brief history of each publication. Not copyrighted.

NOTE: A 'word search' can be performed in Book #2 by using the Acrobat 'Find' command.

BOOKS BY THE AUTHOR

Baldwin Locomotive Magazine Index	1947
Climax - An Unusual Locomotive	1960
Short Lines of the Treasure State (Montana) (Manuscript only)	1960
This Is Muncy (Pa.)	1966
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Historical Locomotive and Development, U.S. and Foreign RRs (stamp album)	1989
Guide to Railroad Historical Resources (4 volumes)	1993
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Chronological History of Williamsport & Lycoming County	1995
Williamsport - Lumber Capital	1995
Railroads Periodical Index	2001

A total of approximately 8,000 pages of historical material

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Future

DEDICATION

John H. White, Jr

The most noted railroad historian on American locomotives and cars, expert modeler, engineering draftsman, and advisor whose suggestions materially influenced this Index, and a long time friend.

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PREFACE

FOREWORD

Many persons spend tens of thousands of hours annually finding and restoring old railroad equipment and stations for the use or enjoyment of future generations. This index is intended as a comparable task for the written word, up to now forgotten or buried, its location unknown. Thousands and thousands of bound volumes having railroad material sit on the shelves of numerous universities, large city public libraries, and railroad historical libraries, their contents virtually unknown. Their small amount of use hardly justifies the shelf space.

Much has already been written, and future writings on the same subjects need undiscovered material. That is the purpose of this index. I also realize that except for local histories, that the older the historical information is, the less detailed will be its portrayal in written histories. Also, that few people are interested in researching old material that they cannot relate to in their own life span.

I conceived this project in April 1996, and two months later I set a goal to have it available on June 1, 2001, five years. The original idea for this index was to include about 50 publications from 1831 to 1940. I scanned the 1965 *Union List of Serials* for titles. Suggestions by John H. White, Jr. and Don L. Hofsommer and additional reflections by myself have resulted in the original concept being expanded to about 80 periodicals plus a few books and the time period being extended thru 1999, but the original schedule was maintained.

Through perseverance and determination I was able to keep the project on schedule, expending more than 7000 hours and working 40 or more hours a week for 2 1/2 years straight. In this day and age where there is a wide lack of pride in completing tasks on time, that I was able to do so gives me great satisfaction.

This index is my third step in making known the availability of railroad historical resources, the first having been a cumulative index to the *Bulletin* of the Railway and Locomotive Historical Society. This was followed by the four volume *Guide to Railroad Historical Resources*.

All of this might not have happened except for John H. White, Jr. suggesting the *Bulletin* indexing task to me. Little did he or I realize the can of worms he was opening for me to pursue.

This index is done somewhat differently from the usual techniques used by indexing clerks. It is based on my experience of having done a wide variety of railroad research for over a half century.

I was able to find periodicals giving good coverage for all phases of railroading except architecture. The architecture magazines had extremely little.

LIMITATIONS

Besides some word typo errors or wriuting an incorrect name there probably are a fair number of issue numbers and page number typo errors. Correct information can often be found by checking the volume's index for a page number and comparing a volume number when giv-en, with the issue date to see if they agree. Also most all items are in chronological order, and that can be a clue to a possible correct date. I regret this weakness. I found many in my routing work and checking, but amsure there are others - too many probably. However, it is the best that I could do.

This is a subject index rather than an article title or author index. The primary subjects are names of railroads and foreign countries. For many subjects not specific to a particular railroad, such as government regulations, I have selected only the more comprehensive articles and grouped them into about 40 subjects with sub sections concerning specifics. For instance, there were hundreds of articles on piggy back and intermodal progress. Only a representative few (but not necessarily the best) have been indexed.

I probably should have done a better job of selecting news items for indexing, but just where should I have drawn the line, and so I indexed them all. No two people are likely to agree. Also trying to be consistent with the indexing over a period of four years or even throughout the day further complicated the ideal. In two instances I indexed a portion of a magazine twice. In comparing what I indexed I found inconsistencies, most prior to when the magazines began using illustrations and when all articles were short. Depending on how I felt at the moment on their historical value, I determined whether to indexed or not two and three paragraph articles. I found that I was not consistent.

I skipped almost all articles dealing with the general industry, hearings and discussions of monopolistic practices, government intervention, freight rates-tariffs, losses and damage, cartels, pools, overviews on a previous year's accomplishments, and so forth. There were thousands of these articles. They are difficult to meaningfully index, and in most cases books have been produced covering these subjects.

I also indexed several books. which covered their subjects well, dealing with locomotives and cars or having chapters on specific railroads which would not be shown in a library's book catalog.

This project was a labor of love (or craziness), and there was no money nor my interest for such niceties as proofing to bring everything into uniform consistency. Sometimes I used abbreviations; sometimes I did not. I capitalized the first word of some items, others I didn't. I was somewhat inconsistent from one magazine to another in format.

Another problem is changes in spelling over the years such as North Eastern and Northeastern. I tried to cross reference spellings like this, but probably did not do it consistently. The magazine indexes were not consistent with names, and I have indicated differences of what is believed to be the same company with ( ) such as Northeast(ern). Another frequent situation is a railroad name such as Indiana (&) Northern which appears with an & and the next year lacks it. However, they may be two companies.

I did a detailed indexing of at least one periodical for each year by copying the railroad listings in the annual indexes that appeared with each volume. This included information on incorporation, construction, openings, extensions, abandonments, bankruptcies, reorganizations, and other news items. I suspect that very few of these tens of thousands of listings have value, and it was a gross waste of my time and tedium to include them. However, I did them for the sake of completeness. The magazines for which I did this more thorough indexing are:

American Railroad Journal (New York & Phila.)1832-1887

Railroad Record (Cincinnati) 1853-1872 (for southern and midwestern news)

Commercial and Financial Chronicle 1865-1909

Railroad Gazette (New York) 1870-1881

Railway Age (Chicago) 1878-1908

Railroad Age Gazette - Railway Age 1908-1930. (I did not continue after 1930 because there were few. I did scan the articles each week and a few I indexed.)

Railroad Magazine 1940-1953

Short Line Railroader-Steam Locomotive & Railroad Tradition 1954-1968

Railway & Locomotive Historical Society's *Bulletin* and *Railroad History*, Vol. 1-151, 1921-1984

National Railway Historical Society's *Bulletin*, 1936-1985.

MAGAZINES NOT INDEXED

I did not index all known magazines devoted to railroads.

Chicago Railway Review 1868-1876. This was the predecessor to *Railway Review*. No copies are known to exist.

Colliers Magazine. This magazine had articles similar to Harpers and McClures in the early 1900s. Because the magazine was not indexed, and I had no interest in spending days going through this weekly, I did not index it. I have no idea how many railroad articles it had.

Engineer 1860. Published only one year in Philadelphia. Probably had virtually nothing which the *American Railroad Journal* didn't have. The only copy is at the Library of Congress.

Northwestern Railroader 1889-1892. Published in Minneapolis and then absorbed by *Railway Age Magazine*. It duplicated other magazines except for possibly better coverage of the Minnesota area. Copies of it are the Minnesota Historical Society.

Railroad Journal 1898-1926. This was the magazine of the Railway Tool Foremans Association. I checked a few issues, but it had nothing pertaining to specific railroads or of apparent historical value.

Railway Post Office 1902-1949. I was not at a library having it, and did not feel it worthwhile to make a trip to a library having copies. For persons interested in R.P.O. service it may have value.

Saturday Evening Post. As with *Colliers* this weekly magazine had an occasional railroad article up into the 1930s but the magazine did not produce an annual index. I therefore skipped it.

Station Agent - Railway Agent and Station Agent 1888-1899. I was not at any library having copies. I am reasonably sure that this is like the *Railroad Journal*.

Von Nostrand's Engineering 1868-1886. This magazine had nothing of significance on railroads. It lacked illustrations, and the brief railroad articles were poorer than in other magazines.

Western Railroad Gazette (Chicago) 1856-1870. I suspect that this was similar to *Railroad Record* published at Cincinnati at the same time and the *American Railroad Gazette*. It would therefore be largely current news items and a few annual reports. One year is at Milwaukee, and the Chicago Historical Society has scattered issues. In 1870 it became *Railroad Gazette* and eventually *Railway Age*, still being published.

Western Railroader: This magazine was a rail fan produced magazine from the late 1930s until the 1980s. It carried current news items of the West Coast and a few lengthier articles. A complete set is held by the Railway and Locomotive Historical Society.

There are several magazines specializing in non railroad subjects, such as *Iron Age*, which had railroad material . I did not index because from quick checks their articles were adequately covered in magazines that I did index.

ABBREVIATIONS

In preparing the Index, I realize that almost everyone likely to use it will have some knowledge of railroads. For expediency in preparing this work I therefore have used abbreviations extensively. Those more commonly used are listed here. I also used others occasionally, and hope that users of the Index can figure out their meaning.

adv	advertisement pages
alum	aluminum
B&B	Bridge and buildings
bio	biography
bldg	building
brg	bearings
c/o	cut off
Cl	class of locomotive
CTC	Centralize traffic control
COFC	containers on flat cars
const.	construction
cyl	cylinder
Div	Division
drwg	drawing
E	east
El	Electric Company
el	electric
elav	elevated
eng.	engine
equipt	equipment
frt	freight
gond	gondola frt. car
jct	junction
l/o,	layout (map)
LCL	less than carload
loco	locomotive
Ltd	Limited
LTL	less than truck load
M. of W.	Maintenance of Way
M/W	Maintenance of way
mech.	mechanical
mtn	mountain
N	north
n.g.	narrow gauge
obs	observation car
pass.	passenger
pix	picture
pres	president
RPO	railway post office car
RR	railroad
Ry	railway
reefer	refrigerator car
S	south
st	street
sta	station
std	standard
std.g.	standard gauge
T	tank locomotive (no separate tender) 0-6-4T
T	ton capacity e.g. 40T
term	terminal
Tr	Traction Company
tr	train
trans	transportation
TOFC	Trailers on flat cars
v.	valves
vg	valve gear
W	west
w.	with
Wks	Works
yd	yard

(*name*) This word did not always appear in the title or is an alternate word. It may have been an oversight or it may indicate a totally different railway.

APPRECIATION

This index was basically a one person job - me, and estimated to take five years. It was completed on time after spending about 7000 hours, the majority being very tedious. I indexed magazines at seventeen locations in nine cities from Pennsylvania to California. I would especially like to thank Jerry Masters who indexed several of the magazines at the Lin-

da Hall Library at Kansas City. They now hold the periodicals formerly at the New York Engineering Society's library.

I want to particularly recognize the universities which I contacted on their uniformly fast responses, possibly because they are used to meeting needs of their students. No other sources I used came close to matching their promptness.

Alto at no university library did I receive a disinterested reception as occurred at several railroad archive locations. I particularly enjoyed my work at the Crerar Library of the University of Chicago. I believe that they have the largest collection of the periodicals which I indexed. I shall miss not seeing Michael Asgelus who checked on everyone entering and leaving. For three years we exchanged friendly greetings and small talk. The library has a huge collection of railroad periodicals which are easy to use and with nothing in storage that required a day's notice and so forth.

I want to thank Mr. James Vaughan, Librarian of the Regenstine Library at the University of Chicago, for giving me extended privileges as normally non college people are limited to one day a year.

Bucknell University has an extremely excellent collection of the non railroad periodicals, and had the added advantage of being open weekends and evenings as did Pennsylvania State University where I indexed 13 hours a day for three weeks. Much of the latter's holdings are in storage. I would like to cite the staff at their Annex who hauled out of storage, delivered to the library and then returned to storage a good ton of books.

Stanford University, due to its former Hopkins Transportation Library, has an excellent collection of railroad periodicals, both U. S. and foreign. Between it and Crerar they have almost everything. My thanks to Dorothy Ramm for getting me started there. I also wish to acknowledge the friendly help of the people at their Auxiliary Library where these magazines are stored.

The other libraries I visited were Northwestern University's Transportation Library, Mary Kathleen Geary, librarian, Cornell University where I was assisted by Jennie Abrahamson, and Smithsonian Institution's library, James Roan, librarian. Ms Gladys Tutt of the Smithsonian went far out of her way to help me. Her efforts are very much appreciated.

The Library of Congress, which due to its huge size is sometimes unwieldy to use, has its old serials in a separate department which I found easy and convenient. Also in Washington I want to thank Mrs. Joyce Koenemann, librarian of the Association of American Railroads.

The only city public library having periodicals I needed was the Chicago Public Library. Mr. Kenneth Davey, turned what would have been a disastrous visit into a complete success. My particular thanks to him.

At the Center for Research Libraries at Chicago. Ms Talisa Mitchell-Martin helped me. However, unless they change their procedures for visitors this location should be avoided if possible.

Kurt Bell of the Railroad Museum of Pennsylvania assisted me numerous times and Gregory Ames of the Barriger Railroad Library at the University of Missouri came to my rescue more than once.

Interlibrary loan was unsatisfactory because of extreme slowness, but I did use it at the Muncy Public Library for several publications held at the library of the Railroad Museum of Pennsylvania, and loan of microfilm from Pennsylvania State University's Hammond Library to the J. V. Brown Public Library in Williamsport, Pa.

I would like to thank the National Railway Historical Society for allowing me to abstract the index of their publication, *The Bulletin*, and the Railway and Locomotive Historical Society to do the same for the index of their volumes #1 to 151, which I indexed for them in the 1980s.

I would also like to thank my son, Tom, and his wife, Debby, for allowing me to stay with them for fourteen long weeks over a four year period while I researched Chicago area libraries. Also to Mr. and Mrs. William K. Heintz during my work at Stanford, and Mr. and Mrs. Yutaka Wajima for my Washington, D. C. work. Without their willingness to allow me to impose on their daily routines, this project could not have been done.

The tediousness of entering the information into my computer was made bearable by PBS, and playing and replaying about 140 CDs, 90 LPs, and 42 hours of old-time comedy radio tapes.

A final word. It is suggested that railroad hobby groups devoted to a single railroad extract all the information pertaining to their railroad and consolidate it into a single listing by reorganizing the information by subjects rather than by periodical.

1-1-01

LOCATIONS
BY STATE, OCLC DESIGNATION AND NAME

The *Union List of Serials*, Third Series, 1965, is the easiest source for finding locations of periodicals. Most university and city libraries have it. However, because these volumes are gradually being discarded in favor of the current, unsatisfactory computer version, I have abstracted the periodicals included in this index. The volumes do not appear to be copyrighted nor do they give a location of the publisher. I therefore could not contact them for permission to use what follows.

Since 1965 some magazines have been discarded or moved to other libraries. Where I discovered this situation I have made revisions in the listings. The railroad archive libraries: Railroad Museum of Pennsylvania, Strasburg, Pa. 17579; The St. Louis Mercantile Library's Barriger Library, Univ. of Missouri, 8001 Natural Bridge Road, St. Louis, Mo 63121; The California State Railroad Museum, 111 I St., Sacramento, Ca 95814, and the DeGolyer Library, Southern Methodist University, Dallas, Tx 75275 have an increasing number of the magazines beyond those which I have indicated that they currently have.

Some periodicals are now on microfilm or microfiche, copies of which have been purchased by libraries that did not have the magazines These may be at locations besides those given here. *Railway Age* and *Railway Locomotive and Cars* are the primary railroad trade journals microfilmed.

Alabama

AAP	Auburn University, Auburn. (L,P)
ABH	Howard College, Birmingham. (L,P,M)
ABJ	Jefferson County Law Library, Birmingham.
ABS	Birmingham-Southern College, Birmingham.
AHRQM	Army Rocket and Guided Missile Agency, Huntsville.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery. (L*,P,M)
ATT	Tuskegee Institute, Tuskegee.
AU	University of Alabama, University
AU-M	—Medical Center, Birmingham. (L*,P)

Arizona

Az	Arizona State Department of Library and Archives, Phoenix. (L*,P,M)
AzFhA	U.S. Atomic Energy Proving Ground, Technical Library, Fort Huachuca.
AzTeS	Arizona State College, Tempe. (L)
AzU	University of Arizona, Tucson. (L)

Arkansas

ArU	University of Arkansas, Fayetteville.
ArU-M	—Medical Center Library, Little Rock. (L,M)

California

C	California State Library, Sacramento. (L,P)
C-S	—Sutro Branch, San Francisco. (L,P)
CAA	Alma College, Los Gatos. (L,P) See also CLgA.
CArctH	Humboldt State College, Arcata.
CArlS	La Sierra College Library, Arlington.
CBRsc	Pacific School of Religion, Berkeley. (L*)
CBaH	Kern County General Hospital, Bakersfield.
CCC	Claremont College, Claremont. (L)
CChiS	Chico State College, Chico.
CCuH	Hughes Aircraft Company, Culver City.
CFS	Fresno State College, Fresno.
CL	Los Angeles Public Library. (L*)
CLCGH	Los Angeles County General Hospital, Los Angeles
CLCO	Los Angeles College of Optometry, Los Angeles.
CLCP	Los Angeles County Public Health Library, Los Angeles.
CLI	Immaculate Heart College, Los Angeles. (L*)
CLIA	Institute of Aeronautical Sciences, Los Angeles. (L*)
CLIN	Institute of Nervous Diseases, Los Angeles.
CLK-D	Kaiser Foundation Hospital, Doctor's Library, Los Angeles
CLL	Los Angeles County Law Library, Los Angeles. (L*,P)
CLM	Los Angeles County Medical Association, Los Angeles.
CLO	Occidental College, Los Angeles.
CLOst	College of Osteopathic Physicians and Surgeons, Los Angeles. (L*)
CLQ	Queen of Angels School of Nursing, Los Angeles.
CLS	Los Angeles State College, Los Angeles. (L)
CLSM	Southwest Museum, Los Angeles. (L*)
CLSU	University of Southern California, Los Angeles. (L,P,M)
CLSU-H	—Hancock Library of Biology. (L*,P,M)
CLSU-M	—School of Medicine Library.
CLU	University of California at Los Angeles. (L,P,M)
CLUC	—William Andrews Clark Memorial Library. (P,M)
CLWM	White Memorial Medical Library, Los Angeles. (L,P,M)
CLgA	Alma College, Los Gatos. (L,P) See also CAA.
CLobM	Memorial Hospital, Long Beach.
CLobS	Long Beach State College, Long Beach
CLobVA	U.S. Veterans Administration Hospital, Long Beach.
CLoiC	College of Medical Evangelists, Loma Linda.
CMC	Mills College, Oakland. (L*) See also COMC
CMenSR	Stanford Research Institute Library, Menlo Park. (L)
CMontNP	U.S. Naval Postgraduate School, Monterey. See also MdAN-P
CMpS	Saint Patrick's Seminary, Menlo Park.
CNoS	San Fernando Valley State College, Northridge.
COMC	Mills College, Oakland. (L*) See also CMC.
CPH	Huntington Memorial Hospital, Pasadena.
CPS	Stuart Company, Pasadena.
CPT	California Institute of Technology, Pasadena. (L*,P,M)
CPomP	Pacific State Hospital Library, Pomona.
CPtSH	Patton State Hospital Library, Patton.
CSaT	San Francisco Theological Seminary, San Anselmo.
CSd	San Diego Public Library. (L,P)
CSdNEL	U.S. Navy, Electronics Laboratory Library, San Diego. (L)
CSdNH	U.S. Naval Hospital, San Diego.
CSdS	San Diego State College, San Diego.
CSf	San Francisco Public Library.
CSfA	California Academy of Sciences, San Francisco. (L*,P)
CSfL	San Francisco Law Library, San Francisco. (L*,P)
CSfM	Mechanics Institute Library, San Francisco. (L*) See also CSfMI.
CSfMI	Mechanics Institute Library, San Francisco. (L*) See also CSfM.
CSfP	Pacific Union Club, San Francisco. (L)
CSfSO	Standard Oil Company of California, San Francisco. (L*)
CSfSt	San Francisco State College, San Francisco. (L)
CSJC	San Jose State College, San Jose.
CSmH	Henry E. Huntington Library, San Marino. (P,M)
CSt	Stanford College Libraries, Stanford. (L*,P,M)
CSt-H	—Hoover Institution on War, Revolution and Peace. (P,M)
CSt-L	—Lane Medical Library. (L)
CStbS	University of California, Santa Barbara Library, Goleta. (L)
CStcIU	University of Santa Clara, Santa Clara. (L*,P)
CStmoR	Rand Corporation, Santa Monica.
CStoC	College of the Pacific, Stockton
CU	University of California, Berkeley. (L*,P,M)
CU-A	—University of California, Davis. (L*)
CU-M	—University of California Medical Center, San Francisco. (L)
CU-Riv	—College of Arts, Letters and Science, Riverside. (L*,P)
CU-S	—Scripps Institution of Oceanography, La Jolla. (L)
CZZZ	California State Railroad Museum, 111 I Street, Sacramento 95814

Colorado

CoAT Adams State College Library, Alamosa. (L)
CoBBS U.S. National Bureau of Standards. Boulder Laboratories, Boulder. (L*)
CoC Colorado Springs Public Library.
CoCA U.S. Air Force Academy, Colorado Springs.
CoCC Colorado College Library, Colorado Springs. (L)
CoD Denver Public Library.
CoDB Bibliographical Center for Research. Denver Public Library. (L,P,M)
CoDI Iliff School of Theology, Denver.
CoDM Medical Society of the City and County of Denver. (L)
CoDR Regis College, Denver. (L)
CoDU University of Denver. (L)
CoFcS Colorado State University, Fort Collins.
CoG Colorado School of Mines, Golden. (L*,P)
CoGrS Colorado State College, Greeley. (L)
CoGuW Western State College, Gunnison. (L,M)
CoLH Loretto Heights College, Loretto. (L)
CoPC Colorado Fuel and Iron Company Library, Pueblo.
CoU University of Colorado, Boulder. (L,M)
CoU-M —Medical Center Library, Denver.
CoRR Colo. R.R. MUSEUM, GOLDEN

Connecticut

Ct Connecticut State Library, Hartford. (L,P)
CtBU University of Bridgeport Library, Bridgeport

CtH Hartford Public Library.
CtHC Hartford Seminary Foundation, Hartford. (L*)
CtHHy Hillyer College Library, Hartford.
CtHT Trinity College, Hartford. (L,P)
CtHT-W —Watkinson Library. See also CtHW.
CtHW See CtHT-W.
CtHi Connecticut Historical Society, Hartford. (P,M)
CtNlC Connecticut College, New London. (L)
CtU University of Connecticut, Storrs. (L)
CtW Wesleyan University, Middletown.
CtY Yale University, New Haven. (L,P,M)
CtY-A —Art School. See CtY.
CtY-B —Osborn Memorial Laboratories (Biological Sciences). See CtY.
CtY-BS —Babylonian Seminary. See CtY.
CtY-C —Sterling Chemistry Laboratory. See CtY.
CtY-D —Divinity School Library.
CtY-E —Engineering Library. See CtY.
CtY-F —Forestry School. See CtY.
CtY-H —Hammond Metallurgical Laboratory. See CtY.
CtY-K —Kirkland Hall (Geology, etc.). See CtY.
CtY-L —Law Library.
CtY-M —Medical School Library.
CtY-MUS —School of Music Library. See also CtY-S.
CtY-O —Observatory Library. See CtY.
CtY-OS —American Oriental Society. See CtY.
CtY-P —Peabody Museum. See CtY.
CtY-S —Music School, Sprague Hall. See CtY-MUS.
CtY-T —Transportation Library. See CtY.
CtY Brantford Electric Railway Assoc., 17 River St., East Haven, Ct 06512

Delaware

DeGE Eleutherian Mills Historical Library, Greenville.
DeU University of Delaware, Newark. (L)
DeWD E.I. DuPont de Nemours and Company. Technical Library, Wilmington. (L*,P)
DeWI Wilmington Institute and the New Castle County Free Library. (P)
DeH HAGLEY MUSEUM & LIBR, WILMINGTON

District of Columbia

DA U.S. National Agricultural Library. (L*,P,M)
DAL U.S. Army Library, Pentagon Building.
DARC American National Red Cross Library. (L)
DBB U.S. Bureau of the Budget Library.
DBRE Bureau of Railway Economics Library of the Association of American Railroads. (*)
DBS U.S. National Bureau of Standards Library. (L*)
DC U.S. Department of Commerce Library. (L)
DCE Carnegie Endowment for International

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District of Columbia—*Continued*

DCE Carnegie Endowment for International Peace. (Collection absorbed by George Washington University) See DGW.
DCI-G Carnegie Institution of Washington, Geophysical Laboratory Library. (L) See also DGL.
DCU Catholic University of America Library. (L*,P,M)
DD Dominican House of Studies, Immaculate Conception Convent Library. See also DDC.
DDC Dominican House of Studies, Immaculate Conception Convent Library. See also DD.
DDO Dumbarton Oaks Research Library of Harvard University. (L,P,M)
DE U.S. Office of Education Library. (L*) See DHEW.
DES U.S. Engineer School Library, Ft. Belvoir, Va. (L*,P)
DF U.S. Bureau of Fisheries Library. See DI.
DFS U.S. Federal Security Agency Library. (L*) See DHEW.
DGL Carnegie Institution of Washington, Geophysical Laboratory Library. (L) See also DCI-G.
DGS U.S. Geological Survey Library. See also DI-GS.
DGU Georgetown University Library. (L,P)
DGW George Washington University Library.
DH U.S. National Institutes of Health.
DHEW U.S. Department of Health, Education and Welfare. (L*) See also DE,DFS.
DHN Holy Name College Library.
DHU Howard University Library. (L)
DI U.S. Department of the Interior Library. See also DF,DM.
DI-GS —Geological Survey Library. See also DGS.

DIC U.S. Interstate Commerce Commission Library. (L*,P) ***
DL U.S. Department of Labor Library. (L*)
DLC U.S. Library of Congress. (P,M) XXX
DM U.S. Bureau of Mines Library. See DI.
DN U.S. Department of the Navy Library.
DN-HO —Navy Oceanographic Office Library.
DN-SH —Bureau of Ships Library.
DNA U.S. National Archives Library.
DNAS-NRC National Academy of Sciences, National Research Council Library.
DNLM U.S. National Library of Medicine. (L*,P,M) See also DSG.
DNMC U.S. Naval Medical Center Library, Bethesda, Md.
DNW U.S. National War College Library, Fort McNair. (L*) See also DW.
DP U.S. Patent Office Library. (P) XXXX
DPR U.S. Public Roads Bureau Library. (L)
DPS World Health Organization, Pan American Sanitary Bureau Library. See DWHO-PSB. XXXX
DPU Pan American Union Library. (L*,P,M)
DS U.S. Department of State Library. (L*)
DSG U.S. National Library of Medicine. (L*,P,M) See also DNLM.
DSI Smithsonian Institution Library. (L,P,M)
DSI-A —Astrophysical Laboratory Library.
DSI-C —National Collection of Fine Arts.
DSI-E —Bureau of American Ethnology Library.
DSI-F —Freer Gallery of Art Library.
DSI-M —National Museum Library.
DSI-N —National Air Museum Library.
DSI-R —Division of Radiation and Organisms Library.
DSI-Z —National Zoological Park Library.
DT U.S. Department of the Treasury Library.
DTr Trinity College Library. (L*)
DW U.S. National War College Library, Fort McNair. (L*) See also DNW.
DWB U.S. Weather Bureau Library. (L)
DWHO-PSB World Health Organization, Pan American Sanitary Bureau Library. See also DPS.
DWP Public Library of the District of Columbia. (L*)
DWR U.S. Walter Reed Army Hospital Library.
DWRI U.S. Walter Reed Army Institute of Research Library.

Florida

F Florida State Library, Tallahassee. (L*,P)
FCU University of Miami, Coral Gables. (L*) See also FMU
FCU-L —Law Library. (P)
FDS John B. Stetson University, DeLand. (L)
FJ Jacksonville Free Public Library. (L)
FLIS Florida Southern College, Lakeland.
FM Miami Public Library. (L*,P,M)
FMU University of Miami, Coral Gables. (L*) See also FCU
FPY J.C. Yonge Library, Pensacola. Now merged with the University of Florida Library. See FU.
FPcNM U.S. Navy Mine Defense Laboratory, Technical Library, Panama City.
FTS Florida State University, Tallahassee. See also FTaSU
FTU University of Tampa.

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FLORIDA cont

FTaFA Florida Agricultural and Mechanical University, Tallahassee.
FTaSU Florida State University, Tallahassee. See also FTS
FU University of Florida, Gainesville. (L,P,M)
FU-HC —J. Hillis Miller Health Center Library. (P)

Georgia

G Georgia State Library, Atlanta. (L,P)
GA Atlanta Public Library. (L*,P)
GACDC U.S. Communicable Disease Center Library, Atlanta.
GAT Georgia Institute of Technology, Atlanta. (L,P,M)
GAU Atlanta University.
GDC Columbia Theological Seminary, Decatur.
GDS Agnes Scott College, Decatur. (L)
GEU Emory University, Atlanta. (L,P)
GEU-M —A.W. Calhoun Medical Library. (L,P)
GHi Georgia Historical Society, Savannah. (L,P)
GMM Mercer University, Macon. (L)
GMW Wesleyan College, Macon.
GMIW Georgia State College for Women, Milledgeville. (L)
GOU Oglethorpe University. (L,M)
GS Savannah Public Library. (L,P)
GU University of Georgia, Athens. (L,P,M)
GU-A —Agricultural Library.
GU-Ex —Georgia State College of Business Administration Library, Atlanta. (L,P)

Hawaii

H Library of Hawaii, Honolulu. (L)
HHiS Hawaiian Sugar Planters' Association Experiment Station, Honolulu (P,M)
HU University of Hawaii, Honolulu. (L*,P,M)

Idaho

IdPI Idaho State College, Pocatello. (L) See also IdU-S.
IdU University of Idaho, Moscow. (L,P)
IdU-L —Law Library.
IdU-S —Southern Branch, Pocatello. (L) See IdPI

Illinois

I Illinois State Library, Springfield. (L,P,M)
IArg Argonne National Library, Lemont.
IC Chicago Public Library. (L*,P,M)
ICA Armour Institute of Technology, Chicago. (L,P) See ICI.
ICAC American College of Surgeons Library, Chicago. See also ICS. (Collection dispersed)
ICB Art Institute of Chicago. (Includes Burnham Library and Ryerson Library) (L*,P,M)
ICD DePaul University, Chicago. (L)
ICF Chicago Natural History Museum, Chicago. (L*)
ICI Illinois Institute of Technology, Chicago. (L,P) See also ICA.
ICI-A —Armour Research Foundation. (L,P)
ICHi Chicago Historical Society, Chicago. (L*,P,M)
ICJ John Crerar Library, Chicago. (L*,P,M) * *
ICJS College of Jewish Studies, Chicago.
ICL Loyola University, Chicago. (L*)
ICM Meadville Theological School, Chicago. (L)
ICMILC Midwest Inter-Library Center, Chicago. (L,P,M)
ICMcC McCormick Theological Seminary, Chicago. (L*) See also ICP
ICMu Mundelein College, Chicago. (L)
ICN Newberry Library, Chicago. (L*,P,M)
ICNB Northern Baptist Theological Seminary, Chicago. (L)
ICP Presbyterian Theological Seminary, Chicago. (L*) See also ICMcC
ICR Art Institute, Ryerson Library Chicago. (L*,P,M) See ICB
ICRM Rush Medical College Library, Chicago. See also ICU-R
ICS American College of Surgeons, Chicago. (L) See also ICAC. (Collection dispersed)
ICSo Southern Illinois University, Carbondale. (L*,P,M) See also ICarbS.
ICT Chicago Theological Seminary, Chicago. (L,P,M)
ICU University of Chicago, Chicago. (L,P,M)
ICU-R —Rush Medical College Library. See ICRM.

XX Now part of Univ. of Chicago

ICUSQ U.S. Quartermaster Corps, Food and Container Institute, Chicago.
ICW Western Society of Engineers, Chicago. (P,M) *
ICarbS Southern Illinois University, Carbondale. (L*,P,M) See also ICSo.
IEE National College of Education, Evanston. (L)
IEG Garrett Biblical Institute, Evanston.
IEN Northwestern University, Evanston. (L*,P,M)
IEN-C —Joseph Schaffner Library of Commerce, Chicago. (L)
IEN-D —Dental School Library, Chicago.
IEN-L —Law Library, Chicago. (L*,P)
IEN-M —Medical School Library. (L*)
IGK Knox College, Galesburg. (L)
IHi Illinois State Historical Library, Springfield. (L*,P,M)
ILS St. Procopius College, Lisle. (L)
IMS St. Mary of the Lake Seminary, Mundelein. (L) See also IMunS
IMunS St. Mary of the Lake Seminary, Mundelein. (L) See also IMS.
INS Illinois State Normal University, Normal.
INcA Abbott Laboratories, North Chicago. (L*)
IPB Bradley University, Peoria.
IRA Augustana College Library, Rock Island. (L*,P,M)
ISkH Hebrew Theological College, Skokie.
IU University of Illinois, Urbana. (L*,P,M)
IU-CU —Chicago Undergraduate Division. See also IU-U
IU-M —Medical Sciences Library, Chicago. (L)
IU-U —Chicago Undergraduate Division, Chicago. See also IU-CU

Indiana

In Indiana State Library, Indianapolis. (L*,P)
InAndC-T Anderson College, Graduate School of Theology Library, Anderson.
InCW Wabash College, Crawfordsville. (L)
InE Evansville and Vanderburg County Public Library, Evansville. (L,P)
InElkM Mennonite Biblical Seminary Library, Elkhart. (L,P)
InFC Franklin College of Indiana, Franklin. See also InFrIC.
InFrIC Franklin College of Indiana, Franklin. See also InFC.
InFw Public Library of Fort Wayne and Allen County, Fort Wayne.
InGD DePauw University, Greencastle. (L,P) See also InGrD.
InGO Goshen College, Goshen.
InGrD DePauw University, Greencastle. (L,P) See also InGD.
InI Indianapolis Public Library. (L*)
InIA Indiana Academy of Science, Indianapolis. (L*,P)
InIB Butler University, Indianapolis. (L)
InIJ John Herron Art Institute, Indianapolis. (L)
InIL Eli Lilly and Company, Indianapolis. (L,P,M)
InLP Purdue University, Lafayette. (L,P,M)
InNU University of Notre Dame, Notre Dame. (L,P) See also InNd.
InNd University of Notre Dame, Notre Dame (L,P) See also InNU.
InNhW Workingmen's Institute Library, New Harmony.
InRE Earlham College, Richmond. (L,P)
InRenS St. Joseph's College, Rensselear.
InS South Bend Public Library. (L) See also InSb
InSb South Bend Public Library. (L) See also InS.
InSt St. Meinrad's Archabbey, St. Meinrad. (L) See also InStme
InStme St. Meinrad's Archabbey, St. Meinrad. (L) See also InSt
InT Emeline Fairbanks Memorial Library, Terre Haute. See also InTE
InTE Emeline Fairbanks Memorial Library, Terre Haute. See also InT
InTI Indiana State Teachers College, Terre Haute.
InTR Rose Polytechnic Institute, Terre Haute. (L)
InU Indiana University, Bloomington. (L,P)
InU-D —School of Dentistry Library.
InU-L —Law Library
InU-M —School of Medicine Library, Indianapolis. (L,P)

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Iowa

Ia	Iowa State Traveling Library, Des Moines. (L,P) See also Ia-T.
Ia-M	Iowa State Medical Library, Des Moines. (L) See also IaM.
Ia-T	Iowa State Traveling Library, Des Moines. (L,P) See also Ia.
IaAS	Iowa State University of Science and Technology, Ames. (L,P,M)
IaCrT	Iowa State Teachers College, Cedar Falls. (L*,P)
IaDm	Des Moines Public Library. (L,P)
IaDmD	Drake University, Des Moines. (L)
IaGG	Grinnell College, Grinnell. (L)
IaHi	State Historical Society of Iowa, Iowa City. (L*)
IaM	Iowa State Medical Library, Des Moines. (L) See also Ia-M.
IaU	State University of Iowa, Iowa City. (L*,P,M)
IaU-L	—College of Law Library. (L)

Kansas

K	Kansas State Library, Topeka. (L)
KAM	Mount Saint Scholastica College, Atchison.
KAS	St. Benedict's College, Atchison. (L,P)
KEmT	Kansas State Teachers College, Emporia.
KHayF	Fort Hays Kansas State College, Hays.
KHi	Kansas State Historical Society, Topeka.
KKcB	Central Baptist Theological Seminary, Kansas City. (L)
KMK	Kansas State University, Manhattan. (L*,P)
KPT	Kansas State Teachers College, Pittsburg. (L,P)
KSlMC	St. Mary's College, Divinity School of St. Louis University, St. Mary's. (L*) See also MoSU-D.
KT	Topeka Free Public Library.
KU	University of Kansas, Lawrence. (L,P,M)
KU-M	—Medical Center Library, Kansas City. (L)
KWi	Wichita City Public Library. (L*,P)

Kentucky

KyBB	Berea College, Berea.
KyBgW	Western Kentucky State College, Bowling Green. (L*)
KyL	Louisville Free Public Library.
KyLF	Filson Club, Louisville. (P)
KyLL	Louisville Presbyterian Seminary Library. See also KyLoL.
KyLS	Southern Baptist Theological Seminary Library, Louisville. See also KyLoS.
KyLU	University of Louisville. (L) See also KyLoU.
KyLU-M	—Medical Library (L,P) See also KyLoU-M.
KyLoL	Louisville Presbyterian Seminary Library. See also KyLL.
KyLoS	Southern Baptist Theological Seminary Library, Louisville. See also KyLS.
KyLoU	University of Louisville. (L) See also KyLU.
KyLoU-M	—Medical Library. (L,P) See also KyLU-M
KyLxCB	College of the Bible, Lexington.
KyLxT	Transylvania College, Lexington.
KyMurT	Murray State College, Murray.
KyRE	Eastern Kentucky State College, Richmond. (L)
KyU	University of Kentucky, Lexington. (L,P,M)
KyU-M	—Medical Center, King Library. (L,P,M)

Louisiana

LMN	Northeast Louisiana State College, Monroe.
LN	New Orleans Public Library.
LND	Dillard University Library, New Orleans.
LNHT	Tulane University, Howard-Tilton Memorial Library—(Includes checking for Howard-Tilton Memorial Library, Newcomb College, and the Middle American Research Institute.)
LNL	Loyola University, New Orleans. (L)
LNL-L	—Law Library.
LNS	U.S. Department of Agriculture, Southern Utilization Research and Development Division, Agricultural Research Service, New Orleans. (Formerly Southern Regional Research Laboratory)
LNT-M	Tulane University, Matas Medical Library, New Orleans. (L)
LNTC	International House, Cunningham Library, New Orleans. (L*,P)
LNX	Xavier University Library, New Orleans. (L)
LU	Louisiana State University, Baton Rouge. (L,P,M)
LU-L	—Law Library. (L*,P)
LU-M	—Medical Library, New Orleans. (L,P,M)

Maine

Me	Maine State Library, Augusta. (L*)
MeB	Bowdoin College, Brunswick. (L)
MeBa	Bangor Public Library. (L,P)
MeHi	Maine Historical Society, Portland. (P)
MeLB	Bates College, Lewiston. (L*)
MeP	Portland Public Library. (L*)
MeU	University of Maine, Orono. (L,P)
MeWC	Colby College, Waterville. (L*)
MeZZ	Seashore Trolley Museum, Kennebunkport, Me 04046

Maryland

MdAN	U.S. Naval Academy, Annapolis. (L*,P)
MdAN-P	—Postgraduate School. (L) See CMontNP.
MdBA	Walters Art Gallery, Baltimore. (L,P) See also MdBWA.
MdBCN	College of Notre Dame of Maryland, Baltimore.
MdBE	Enoch Pratt Library, Baltimore. (L*,P)
MdBG	Goucher College, Baltimore. (L)
MdBJ	Johns Hopkins University, Baltimore. (L*,P,M)
MdBJ-W	—William H. Welch Medical Library. (L,P,M) See also MdBW.
MdBL	Loyola College, Baltimore.
MdBM	Medical and Chirurgical Faculty of the State of Maryland, Baltimore. (L,P)
MdBP	Peabody Institute, Baltimore. (L*,P,M)
MdBW	William H. Welch Medical Library, Baltimore. (L,P,M) See also MdBJ-W.
MdBWA	Walters Art Gallery, Baltimore. (L,P) See also MdBA.
MdEdgW	U.S. Army Chemical Center, Technical Library, Edgewood.
MdToT	Maryland State Teachers College, Towson.
MdU	University of Maryland, College Park. (L*,P)
MdU-B	—University of Maryland, Baltimore. (L) See also MdU-H.
MdU-H	—Health Sciences Library, Baltimore. (L) See also MdU-B.

Massachusetts

M	Massachusetts State Library, Boston. (L,P)
MA	Amherst College, Amherst. (L)
MAA	University of Massachusetts, Amherst. (L) See also MU.
MB	Boston Public Library. (L*,P,M)
MBA	American Academy of Arts and Sciences, Boston. (L,P)
MBAt	Boston Athenaeum, Boston. (L*P,M)
MBC	Congregational Library, Boston. (L,P,M)
MBH	Massachusetts Horticultural Society, Boston.
MBM	Boston Medical Library, Boston. (L,P)
MBMu	Boston Museum of Fine Arts, Boston. (L*)
MBN	Boston Society of Natural History, Boston. (L*)
MBNU	Northeastern University, Boston. (L*,P)
MBP	Massachusetts College of Pharmacy, Boston. (L)
MBS	Social Law Library, Boston.
MBSi	Simmons College, Boston. (L*,P)
MBU	Boston University.
MBU-E	—School of Education Library.
MBU-L	—School of Law Library.
MBU-M	—School of Medicine Library. (L,P)
MBU-T	—School of Theology Library.
MBdAF	U.S. Air Force, Cambridge Research Center, Bedford.
MBtS	St. John's Seminary Library, Brighton.
MCE	Episcopal Theological School, John Gordon Wright Library, Cambridge. (L*)
MCM	Massachusetts Institute of Technology, Cambridge. (P,M)
MChB	Boston College, Chestnut Hill.
MChB-W	—Weston College, School of Philosophy and School of Theology Library, Weston. (L*)
MH	Harvard University, Cambridge. (Represents central collection of college library and smaller miscellaneous libraries) (L*,P,M)
MH-A	—Arnold Arboretum, Jamaica Plain. (L*,P,M)
MH-AH	—Andover-Harvard Theological Seminary Library. (L*,P,M)
MH-BA	—Graduate School of Business Administration Library (L*,P,M)
MH-BH	—Blue Hill Meteorological Observatory, Milton. (L*,P,M)
MH-BL	—Biological Laboratories Library.
MH-F	—Farlow Reference Library. (L*,P,M)
MH-G	—Gray Herbarium Library.
MH-L	—Law School Library. (L*,P,M)
MH-M	—Schools of Medicine, Public Health and Dental Medicine, Boston. (L*,P,M)
MH-O	—Astronomical Observatory, Phillips Library.
MH-P	—Peabody Museum Library. (L)
MH-Z	—Museum of Comparative Zoology Library. (L,P,M)
MHILC	Hampshire Inter-Library Center, Inc., South Hadley. (L*)

PERIODICAL LOCATIONS

MHI Massachusetts Historical Society, Boston.
MLowT Lowell Textile Institute, Lowell. (L*)
MMeT Tufts University, Medford. (L*,P)
MMeT-F —Fletcher School of Law and Diplomacy. (L*)
MMeT-M —Medical and Dental School, Boston.
MNF Forbes Public Library, Northampton.
MNS Smith College, Northampton. (L)
MNatQ U.S. Quartermaster Research and Development Center, Natick. (L*)
MNoW Wheaton College, Norton. (L*)
MNoanM Merrimack College Library, North Andover. (L*)
MPB Berkshire Athenaeum, Pittsfield. (L,P,M)
MSM Mount Holyoke College, South Hadley. (L) See also MShM.
MShM Mount Holyoke College, South Hadley. (L) See also MSM.
MU University of Massachusetts, Amherst. (L) See also MAA.
MWA American Antiquarian Society, Worcester. (P)
MWC Clark University, Worcester. (L)
MWH College of the Holy Cross, Worcester. (L,P)
MWM Worcester Art Museum, Worcester. (L,P)
MWalB Brandeis University, Waltham
MWelC Wellesley College, Wellesley. (L*)
MWhB Marine Biological Laboratory, Woods Hole. (L*)
MWiW Williams College, Williamstown. (L)

Michigan

MI Michigan State Library, Lansing.
MiAlC Albion College, Albion. (L*) See also MiAlbC.
MiAlbC Albion College, Albion. (L*) See also MiAlC.
MiD Detroit Public Library. (L*,P,M)
MiD-A —Institute of Arts. (L) See also MiDA.
MiD-B —Burton Historical Collection. (L*,P,M)
MiDA Detroit Institute of Arts. (L) See also MiD-A.
MiDGMR General Motors Corporation, Research Laboratories Division, Warren.
MiDM Marygrove College, Detroit. (L)
MiDU University of Detroit, Detroit. (L)
MiDW Wayne State University, Detroit. (L*,P,M)
MiDW-M —Medical Library.
MiDbF Ford Motor Company, Dearborn. (L,P)
MiEM Michigan State University, East Lansing. (L)
MiFlIC Flint College, Charles Stewart Mott Library, Flint.
MiGr Grand Rapids Public Library. (L,P)
MiHM Michigan College of Mining and Technology, Houghton. (L,P)
MiKW Western Michigan University, Kalamazoo. (L)
MiMid Dow Chemical Company, Midland. (L*,P) See also MiMidD.
MiMidD Dow Chemical Company, Midland. (L*,P) See also MiMid.
MiMu Hackley Public Library, Muskegon. (L)
MiU University of Michigan, Ann Arbor. (L,P,M)
MiU-C —William L. Clements Library. (P,M)
MiU-G —Bureau of Government Library. See MiU.
MiU-L —Law Library. (L*,P,M)

Minnesota

MnCS St. John's University, Collegeville.
MnHI Minnesota Historical Society, St. Paul. (L*,P,M)
MnM Minneapolis Public Library. (L*,P)
MnMA Augsburg College and Theological Seminary, Minneapolis.
MnMH Hennepin County Medical Society, Minneapolis. (L*) See also MnMHCM.
MnMHCM Hennepin County Medical Society, Minneapolis. (L*) See also MnMH.
MnMMH Minneapolis-Honeywell Regulator Company, Minneapolis
MnNC Carleton College, Northfield. (L)
MnRM Mayo Clinic Library, Rochester. (L*)
MnS St. Paul Public Library.
MnSH Hamline University, St. Paul. (L*)
MnSJ James Jerome Hill Reference Library, St. Paul.
MnSR Ramsey County Medical Society, St. Paul. (L) See also MnSRM
MnSRM Ramsey County Medical Society, St. Paul. (L) See also MnSR.
MnSS St. Paul Seminary. (L,M)
MnSSC College of St. Catherine, St. Paul. (L,P,M)
MnSST College of St. Thomas, St. Paul. (L)
MnU University of Minnesota, Minneapolis. (L*,P,M)
MnU-A —Department of Agriculture Library, St. Paul.
MnU-L —Law Library. (L*,P,M)

Mississipp

Ms-Ar State Department of Archives and History, Jackson. (L) See also MsJS
MsAM Alcorn Agricultural and Mechanical College, Lorman. (L)
MsJS State Department of Archives and History, Jackson. See also Ms-Ar.
MsSM Mississippi State University, State College. (L)
MsU University of Mississippi, Oxford. (L,P)
MsU-M —Medical Center Library, Jackson.

Missouri

MoCA Conception Abbey and Seminary Library, Conception. (L) See also MoConA.
MoConA Conception Abbey and Seminary Library, Conception. (L) See also MoCA.
MoFC Central College, Fayette. (L*,P,M)
MoK Kansas City Public Library. (L*,P)
MoKL Linda Hall Library, Kansas City. (L,P,M)
MoRM University of Missouri School of Mines and Metallurgy, Rolla. (L,P,M)
MoS St. Louis Public Library. (L*,P)
MoSA Academy of Science Library, St. Louis. (Library abolished. Collection in the University of Missouri. See MoU)
MoSB Missouri Botanical Garden, St. Louis. (L)
MoSC Catholic Central Verein of America, St. Louis.
MoSCS Concordia Seminary Library, St. Louis. (L*)
MoSM St. Louis Medical Society Library. (L) See also MoSMed.
MoSMed St. Louis Medical Society Library. (L) See also MoSM.
MoSMon Monsanto Chemical Company, St. Louis. (L*)
MoSR City Art Museum, Richardson Memorial Library, St. Louis. (L)
MoSU St. Louis University. (L,P)
MoSU-D —Divinity School. (L*) See KStMC.
MoSU-L —School of Law Library.
MoSU-M —School of Medicine Library. (L)
MoSW Washington University, St. Louis. (L*,P,M)
MoSW-L —School of Law Library. (L*)
MoSW-M —Medical School Library.
MoU University of Missouri, Columbia. (L,P,M)
MoZZ Barnger Library, St. Louis Mercantile Assoc., Univ. of Mo, St. Louis, 63121

Montana

MtBC Montana State College, Bozeman. (L,P)
MtBuM Montana School of Mines, Butte. (L) See also MtU-M.
MtU Montana State University, Missoula. (L*,P)
MtU-M Montana School of Mines, Butte. (L) See also MtBuM.

Nebraska

NbHi Nebraska State Historical Society, Lincoln. (L*,P,M) See also NbLS.
NbLS Nebraska State Historical Society, Lincoln. (L*,P,M) See also NbHi.
NbO Omaha Public Library.
NbOC Creighton University, Omaha.
NbU University of Nebraska, Lincoln. (L,P,M)
NbU-M —College of Medicine Library, Omaha.

Nevada

Nv Nevada State Library, Carson City. (L,P)
NvU University of Nevada, Reno. (L)

New Hampshire

Nh New Hampshire State Library, Concord.
NhD Dartmouth College, Hanover. (L,P)
NhM Manchester City Library. (L)
NhU University of New Hampshire, Durham. (L,P)

New Jersey

NJ New Jersey State Library, Archives and History, Trenton.
NJBIM Academy of Medicine of New Jersey, Bloomfield. (L,P,M)
NJHoS Stevens Institute of Technology, Hoboken. (L,P,M) **
NJMD Drew University, Madison. (L)
NJMuA Air Reduction Company, Inc. Central Research Department Library, Murray Hill. (L*)
NJMuB Bell Telephone Laboratories, Murray Hill. (L)
NJN Newark Public Library.
NJNbN New Jersey College for Women, New Brunswick. See NJR; also NJR-W.
NJNbS Gardner A. Sage Library, New Brunswick. (L*)
NJNbSI Squibb Institute for Medical Research, New Brunswick. (P)
NJP Princeton University, Princeton. (L,P,M)
NJPT Princeton Theological Seminary, Princeton. (L,P,M)
NJPatSC Paterson State College, Paterson.
NJR Rutgers University, New Brunswick. (L*,P,M)
NJR-N Rutgers University Libraries, Newark. See NJR.
NJR-W New Jersey College for Women, New Brunswick. See NJR; also NJNbN
NJT Trenton Free Library. (L,P)

New Mexico

NmAS Sandia Corporation Library, Albuquerque.
NmScS New Mexico State University of Agriculture, Engineering and Science, University Park. (L,P) See also NmUpU.
NmU University of New Mexico, Albuquerque. (L)
NmUpU New Mexico State University of Agriculture, Engineering and Science, University Park. (L,P) See also NmScS.

New York

N New York State Library, Albany. (L,P)
NAA Albany Medical College Library, Albany. See also NAIA.
NAW Wells College, Aurora. (L) See also NAurW.
NAIA Albany Medical College Library, Albany. See also NAA.
NAIT State University of New York, Albany.
NAnB Bard College, Annandale-on-Hudson. (L,P)
NAurW Wells College, Aurora. (L) See also NAW.
NB Brooklyn Public Library, Brooklyn. (L*,P)
NBB Brooklyn Museum Libraries, Brooklyn. (L)
NBB-E —Wilbour Library of Egyptology.
NBC Brooklyn College, Brooklyn. (L*)
NBG Brooklyn Botanic Garden, Brooklyn. (L)
NBM Medical Society of the County of Kings and Academy of Medicine of Brooklyn Library, Brooklyn. (L*,P)
NBP Pratt Institute, Brooklyn. (L)
NBS St. John's University Libraries, Jamaica. (L*,P) See also NNStJ.
NBSU-M State University of New York, College of Medicine, Downstate Medical Center Library, Brooklyn.
NBISU-H State University of New York, Harpur College, Binghampton.
NBronSL Sarah Lawrence College, Bronxville.
NBu Buffalo and Erie County Public Library, Buffalo. (Formed by the merging of the Buffalo Public Library, Erie County Public Library and Grosvenor Library in 1954.) (L*) See also NBuG.
NBuB Buffalo Society of Natural Sciences, Buffalo. (L)
NBuG Buffalo and Erie County Public Library, Grosvenor Reference Division, Buffalo. (L*) See NBu.
NBuRP Roswell Park Memorial Institute, Buffalo.
NBuT State University of New York, College of Education at Buffalo, Buffalo.
NBuU University of Buffalo, Buffalo.
NBuU-M —Medical School Library.
NCE Carnegie Institution, Department of Genetics, Cold Spring Harbor. (L) See also NCsC.
NCH Hamilton College, Clinton. (L,P)
NCsS St. Lawrence College, Canton. (L,P)
NCsC Carnegie Institution, Department of Genetics, Cold Spring Harbor. (L) See also NCE.
NFQC Queens College Library, Flushing. See also NNQC.
NGH Colleges of the Seneca, Geneva. (Formerly Hobart College)

New York—*Continued*

NHC Colgate University, Hamilton.
NHi New York Historical Society, New York. (P,M) See also NNHi.
NIC Cornell University, Ithaca. (L,P,M)
NIC-A —State Colleges of Agriculture and Economics. (L,P,M) See NIC.
NN New York Public Library. (P,M)
NN-M —Municipal Reference Library. (L)
NNA American Geographical Society, New York. (L*,P)
NNAB American Bible Society, New York.
NNAF American Foundation for the Blind, New York. (L)
NNAN American Numismatic Society, New York. (L,M)
NNB Association of the Bar of the City of New York, New York. (P)
NNBG New York Botanical Garden, Bronx Park, New York. (L,P)
NNC Columbia University, New York. (L*,P,M)
NNC-L —Law Library. (L*,P,M)
NNC-M —Medical Library. (L,P,M)
NNC-T —Teachers College Library. (L,P,M)
NNCC Chemists Club, New York. (P)
NNCo Collectors Club, New York.
NNCoC College of the City of New York, New York. See also NNCoCl
NNCoCl College of the City of New York, New York. See also NNCoC.
NNCoo Cooper Union Library, New York. (L,P,M)
NNCorM Cornell University Medical College Library, New York.
NNE Engineering Societies Library, New York. (P,M) *
NNF Fordham University, New York. (L*)
NNFr Frick Art Reference Library, New York. (P)
NNG General Theological Seminary of the Protestant Episcopal Church, New York.
NNGr Grolier Club Library, New York. (L*,P)
NNHeb Hebrew Union College, Jewish Institute of Religion Library, New York.
NNHi New York Historical Society, New York. (P,M) See also NHi.
NNIO Presbyterian Hospital, Institute of Opthalmology, New York. (L) See also NNPH-O
NNJ Jewish Theological Seminary of America, New York.
NNJI Japan Institute, New York. (Institute no longer in existence. Collection transferred in the main to the Library of Congress) See DLC
NNM American Museum of Natural History, New York. (L,P)
NNMM Metropolitan Museum of Art Library, New York. (P)
NNN New York Academy of Medicine, New York. (L*,P,M) See also NNNAM.
NNNAM New York Academy of Medicine, New York. (L*,P,M) See also NNN.
NNNPsi New York Psychiatric Institute Library, New York. See also NNS.
NNNPsan New York Psychoanalytic Institute, New York. See also NNP.
NNP New York Psychoanalytic Institute, New York. See also NNNPsan.
NNPH-O Presbyterian Hospital, Institute of Opthalmology, New York. (L) See also NNIO.
NNQC Queens College, Flushing. See also NFQC.
NNR Russell Sage Foundation, New York. (The Russell Sage Foundation Library was discontinued in the late summer, 1949. The collection was divided between the New York School of Social Work, the College of the City of New York, the New York Public Library and some special items were retained by the Foundation. Cf. Russell Sage Foundation. Annual Report, 1948/49, p. 32)
NNRI Rockefeller Institute for Medical Research, New York. (L)
NNS New York Psychiatric Institute, New York. See also NNNPsi.
NNStJ St. John's University Libraries, Jamaica. (L*,P) See also NBS.
NNU New York University Libraries, New York. (L*,P,M)
NNU-C —School of Commerce Library.
NNU-D —College of Dentistry Library. (L)
NNU-G —School of Business Administration, Graduate Library. (L)
NNU-H —University Heights Library.
NNU-L —School of Law Library.
NNU-M —Bellevue Medical Center Libraries. (L) (Includes Neuropsychiatric Library)
NNUT Union Theological Seminary, New York. (L*,P,M)
NNVA U.S. Veterans Administration Hospital Library, New York.
NNYI Yivo Institute for Jewish Research, New York.
NNYU Yeshiva University, New York.
NNYU-M —Albert Einstein College of Medicine. (L,P)
NNZI Zionist Archives and Library of Palestine Foundation, New York.
NPV Vassar College, Poughkeepsie. (L)
NR Rochester Public Library. (L,P,M)

** ALL DISPOSED

* SENT TO LINDA HALL LIBRARY, KANSAS CITY

N. Y. cont.

NRAB American Baptist Historical Society, Samuel Colgate Baptist Historical Library, Rochester. (L*) See also PCA.
NRCR Colgate-Rochester Divinity School, Rochester. (L,P,M)
NRE Eastman Kodak Company, Rochester. (L*,P,M)
NRS St. Bernard's Seminary and College, Rochester.
NRU University of Rochester, Rochester. (L*,P,M)

NRenSW Sterling Winthrop Research Institute, Rensselaer. (L*)
NSU Syracuse University, Syracuse. (L*,P) See also NSyU
NSU-F State University of New York, College of Forestry, Syracuse. (L) See also NSySU-F.
NSU-M State University of New York, Upstate Medical Center, Syracuse. (L,P) See also NSySU-M.
NSchGER General Electric Company, Research Laboratory, Schenectady. (L*)
NSchGER-KA —Knolls Atomic Power Laboratory, Technical Library.
NSchGER-M —Main Library
NSchU Union College, Schenectady. (L)
NSaS Skidmore College, Saratoga Springs. (L)
NStC St. Bonaventure University, St. Bonaventure. (L)
NSy Syracuse Public Library.
NSySU-F State University of New York, College of Forestry, Syracuse. (L) See also NSU-F.
NSySU-M State University of New York, Upstate Medical Center, Syracuse. (L,P) See also NSU-M.
NSyU Syracuse University, Syracuse. (L*,P) See also NSU.
NTR Rensselaer Polytechnic Institute, Troy. (L,P)
NUtC Utica College of Syracuse University, Utica.
NWM U.S. Military Academy, West Point. (L*,P)
NWhp White Plains Public Library.
NYBT Boyce Thompson Institute for Plant
NNZZ Electric Railroader's Association, P.O.B. 3323, New York, NY 10163

North Carolina

Nc North Carolina State Library, Raleigh. (L*,P)
NcD Duke University, Durham. (L,P,M)
NcD-H —Duke Hospital Library
NcD-L —School of Law Library
NcDurC North Carolina College at Durham.
NcDurCR Chemstrand Corporation Research Center, Inc., Durham.
NcGA North Carolina Agricultural and Technical College, Greensboro.
NcGW Woman's College of the University of North Carolina, Greensboro. (L)
NcGrE East Carolina College, Greenville
NcGuG Guilford College, Guilford. (L*)
NcMtti Historical Foundation of the Presbyterian and Reformed Churches, Montreat.
NcRS North Carolina State College of Agriculture and Engineering, Raleigh. (L)
NcU University of North Carolina, Chapel Hill. (L,P,M)
NcU-F —Institute of Fisheries, Research Library, Morehead City.
NcU-H —Division of Health Affairs, (North Carolina Memorial Hospital)
NcU-L —Law School.
NcWfSB Southeastern Baptist Theological Seminary Library, Wake Forest. (L*)
NcWs Public Library of Winston-Salem and Forsythe County, Winston-Salem.
NcWsW Wake Forest College.

North Dakota

NdFA North Dakota Agricultural College, Fargo. (L)
NdU University of North Dakota, Grand Forks. (L,P)

Ohio

OAU Ohio University, Athens.
OAk Akron Public Library.
OAKU University of Akron, Akron.
OAIM Mount Union College, Alliance.
OC Public Library of Cincinnati and Hamilton County, Cincinnati. (L*,P,M)
OCA Cincinnati Art Museum, Cincinnati. (L,P)
OCAJ American Jewish Periodical Center, Cincinnati.
OCH Hebrew Union College, Cincinnati. (L,P)
OCHP Historical and Philosophical Society of Ohio, Cincinnati.
OCL Lloyd Library and Museum, Cincinnati. (L,P,M)
OCU University of Cincinnati, Cincinnati. (L,P)
OCU-M —School of Medicine Library.
OCX Xavier University, Cincinnati. (L,P)
OCan Canton Public Library.
OCl Cleveland Public Library.
OCIC Cleveland Clinic Foundation, Cleveland.
OCICS Case Institute of Technology, Cleveland. (L,P)
OCIL General Electric Company, Nela Park, Cleveland. (L*)
OCIM Cleveland Medical Library, Cleveland. (L*,P)
OCIMA Cleveland Museum of Art, Cleveland.
OCIW Western Reserve University, Cleveland.
OCIWHi Western Reserve Historical Society, Cleveland. (L*)
OCo Columbus Public Library.
OCoB Battelle Memorial Institute, Columbus. (L*,P,M)
ODW Ohio Wesleyan University, Delaware. (L*)
ODa Dayton Public Library and Museum and Montgomery County Library, Dayton. (P)
ODaStL St. Leonard College Library, Dayton. (L*)
ODaU University of Dayton, Dayton.
ODaWIT U.S. Air Force Institute of Technology, Library, Wright-Patterson Air Force Base, Dayton.
ODaWT U.S. Wright-Patterson Technical Library, Wright-Patterson Air Force Base, Dayton.
OFH Hayes Memorial Library, Fremont. (L,P,M)
OGK Kenyon College, Gambier. (L)
OGraD Denison University, Granville.

OHi Ohio State Historical Society, Columbus. (P,M)
OKentC Kent State University, Kent. (L)
OMC Marietta College, Marietta. (L,P)
OO Oberlin College, Oberlin.
OOxM Miami University, Oxford.
OPosmG Goodyear Atomic Corporation, Portsmouth.
OSW Wittenberg College, Springfield.
OT Toledo Public Library. (L,P,M)
OU Ohio State University, Columbus. (L*,P,M)
OWC College of Wooster, Wooster. (L)
OY Public Library of Youngstown and Mahoning County, Youngstown.
OYesA Antioch College, Yellow Springs.

Oklahoma

Ok Oklahoma State Library, Oklahoma City. (L)
OkEP Phillips University, Enid. (L)
OkS Oklahoma State University, Enid. (L*,P)
OkT Tulsa Public Library. (L,P,M)
OkTU University of Tulsa. (L*,P,M)
OkU University of Oklahoma, Norman. (L,M)
OkU-M —School of Medicine and University Hospitals, Oklahoma City.

Oregon

OrCA Oregon State University, Corvallis. (L,P) See also OrCS.
OrCS Oregon State University, Corvallis. (L,P) See also OrCA.
OrHi Oregon Historical Society, Portland.
OrP Library Association of Portland. (P)
OrPL Lewis and Clark College Library, Portland.
OrPR Reed College, Portland. (L)
OrPS Portland State College, Portland.
OrPU University of Portland, Portland. (L)
OrPW Western Evangelical Seminary, Portland.
OrStbM Mount Angel Abbey, Saint Benedict. (L*)
OrU University of Oregon, Eugene. (L*,P,M)
OrU-M —Medical School, Portland.

Pennsylvania

P Pennsylvania State Library, Harrisburg. (L,P)
PBL Lehigh University, Bethlehem. (L,P)
PBS Bethlehem Steel Company, Bethlehem.
PBfG Geneva College, Beaver Falls. (L)
PBm Bryn Mawr College, Bryn Mawr. (L*)
PCA American Baptist Historical Society, Chester. (L*) See NRAB
PCC Crozer Theological Seminary, Chester. (L)
PCaD Dickinson College, Carlisle. (L,P) See also PCarlD.
PCarlD Dickinson College, Carlisle. (L,P) See also PCaD.
PChW Wilson College, Chambersburg.
PE Easton Public Library. (L)
PEL Lafayette College, Easton. (L)
PEr Erie Public Library.
PGC Gettysburg College, Gettysburg. (L)
PHC Haverford College, Haverford.
PHI Historical Society of Pennsylvania, Philadelphia. (L,P) See also PPHI.
PHuJ Juniata College, Huntingdon. (L)
PLF Franklin and Marshall College, Lancaster. (L,P)
PLT Lancaster Theological Seminary, Lancaster.
PLeB Bucknell University, Lewisburg. (L,P)
PMA Allegheny College, Meadville. (P)
PP Free Library of Philadelphia.
PPA American Entomological Society, Philadelphia. (L,P) (Merged into the Academy of Natural Sciences, Philadelphia) See PPAN
PPAN Academy of Natural Sciences, Philadelphia. (L,P) See also PPA.
PPAP American Philosophical Society, Philadelphia. (L,M) See also PPAmP.
PPAmP American Philosophical Society, Philadelphia. (L,M) See also PPAP.
PPB Philadelphia Bar Association, Philadelphia.
PPC College of Physicians of Philadelphia.
PPD Drexel Institute of Technology, Philadelphia. (L*,P)
PPDr Dropsie College for Hebrew and Cognate Learning, Philadelphia. (L,P)
PPF Franklin Institute, Philadelphia. (P)
PPFA U.S. Army, Frankford Arsenal Library, Philadelphia.
PPGE-M General Electric Company, Missile and Space Vehicle Department, Aerosciences Laboratory, Philadelphia.
PPHI Historical Society of Pennsylvania, Philadelphia. (L,P) See also PHI.
PPJ Jefferson Medical College, Philadelphia.
PPL Library Company of Philadelphia.
PPLT Lutheran Theological Seminary, Krauth Memorial Library, Philadelphia.
PPP Philadelphia College of Pharmacy and Science, Philadelphia. (L*,P) See also PPPCPh.
PPPCPh Philadelphia College of Pharmacy and Science, Philadelphia. (L*,P) See also PPP.
PPPD Divinity School of the Protestant Episcopal Church, Philadelphia.
PPPL Philadelphia Board of Public Education, Pedagogical Library
PPPM Philadelphia Museum of Art. (L)
PPPrHI Presbyterian Historical Society, Philadelphia.
PPT Temple University, Philadelphia. (L,P)
PPT-D —Dental-Pharmacy Library. See also PPT-P.
PPT-L —Law School Library.
PPT-M —Medical School Library. (L*)
PPT-P —Professional Schools. See PPT-D.
PPWI Wistar Institute of Anatomy and Biology, Philadelphia. (L*)
PPI Carnegie Library of Pittsburgh. (L*,P)
PPIC Carnegie Institute of Technology, Pittsburgh. (L) See also PPICI.

PPICI Carnegie Institute of Technology, Pittsburgh. (L) See also PPIC.
PPID Duquesne University, Pittsburgh. (L*,P,M)
PPIM Mellon Institute, Library, Pittsburgh. (L*,P)
PPIPT Pittsburgh Theological Seminary, Pittsburgh. (Merger of Western Theological Seminary and Pittsburgh-Xenia Theological Seminary)
PPIU University of Pittsburgh, Pittsburgh. (L)
PPIU-H —Maurice and Laura Falk Library of the Health Professions. (Includes Schools of Medicine, Dentistry, Pharmacy, Nursing) See also PPIU-M.
PPIU-L —Law School Library. (L)
PPIU-M —Schools of Dentistry and Medicine Library. See PPIU-H.
PPIU-PH —Graduate School of Public Health. (L)
PPIUS U.S. Steel Corporation, Pittsburgh. (L*)

Pennsylvania

PR Reading Public Library.
PRA Albright College, Reading.
PRR Rosemont College, Rosemont. See also PRosC.
PRosC Rosemont College, Rosemont. See also PRR.
PSC Swarthmore College, Swarthmore. (L)
PSC-F —Friends Historical Library. (L*,P) See also PSC-Hi.
PSC-Hi —Friends Historical Library. (L*,P) See also PSC-F.
PSC-P —Swarthmore College Peace Collection. (L*)
PScU University of Scranton, Scranton.
PSt Pennsylvania State University, University Park. (L*,P,M)
PSt-A —Agricultural Library.
PU University of Pennsylvania, Philadelphia. (L*,P,M)
PU-L —Biddle Law Library. (L*,P)
PU-Mu —University Museum Library. (L*,P,M) See PU.
PV Villanova College, Villanova. (L) See also PVC.
PV-L —Law School Library. (L*)
PVC Villanova University, Villanova. (L) See also PV.
PVeK Koppers Company, Inc. Research Department, Technical Information Branch Library, Verona.
PWW Washington and Jefferson College, Washington. (L)
PWb Osterhout Free Library, Wilkes Barre. (L)
PWbH Wyoming Historical and Geological Society, Wilkes Barre. (P)
PWcT Pennsylvania State Teachers College.
PZZZ Railroad museum of Pennsylvania, Strasburg 17579

Rhode Island

R Rhode Island State Library, Providence. (P)
RKS University of Rhode Island, Kingston. (L) See also RU.
RP Providence Public Library. (L*,P,M)
RPB Brown University, Providence. (L,P,M)
RU University of Rhode Island, Kingston. (L) See also RKS.

South Carolina

ScCM Medical College of the State of South Carolina, Charleston. (L)
ScCc Clemson Agricultural College, Clemson. (L) See also ScClcA.
ScClcA Clemson Agricultural College, Clemson. (L) See also ScCc.
ScClP Presbyterian College, Clinton. (L)
ScG Greenville Public Library.
ScU University of South Carolina, Columbia. (L,P,M)

South Dakota

SdB South Dakota State College, Brookings. (L,P)
SdRM South Dakota School of Mines and Technology, Rapid City. (L*,P)
SdU State University of South Dakota, Vermillion. (L*)

Tennessee

T Tennessee State Library, Nashville. (L*,P,M)
TC Chattanooga Public Library. (L*,P)
TCU University of Chattanooga, Chattanooga. (L)
TJoS East Tennessee State College, Johnson City.
TKL Knoxville Public Library System. (Formerly Lawson McGhee Public Library) (P)
TMC Cossitt Reference Library, Memphis. (L)
TMG Goodwyn Institute, Memphis. (L,P)
TN Nashville Public Library. (L,P)
TNF Fisk University, Nashville.
TNF-M —Meharry Medical College, Nashville. (L) See also TNM.
TNG George Peabody College for Teachers, Nashville. (L,P,M) See also TNJ-P.
TNJ Joint University Libraries (Vanderbilt University, George Peabody College for Teachers and Scarritt College), Nashville. (L,P,M)
TNJ-M —Vanderbilt School of Medicine and Nursing. (L*,P) See also TNV-M.
TNJ-P —George Peabody College for Teachers. (L,P,M) See also TNG.
TNJ-R —Vanderbilt School of Religion. (L*,M)
TNM Meharry Medical College, Nashville. (L) See also TNF-M.
TNV Vanderbilt University, Nashville. (L,P,M) See TNJ.
TNV-M —School of Medicine and Nursing (L*,P) See also TNJ-M.
TONS Oakridge Institute of Nuclear Studies, Oak Ridge. (L)
TSewU-T University of the South, School of Theology, Sewanee.
TU University of Tennessee, Knoxville. (L)
TU-M —Colleges of Medicine, Dentistry and Pharmacy, Memphis. (P)

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Texas

Tx	Texas State Library and Historical Commission, Austin. (L*,P)
TxAbH	Hardin-Simmons University, Abilene.
TxCM	Agricultural and Mechanical College of Texas, College Station. (L)
TxCM-E	—Texas Engineers Library. See TxCM.
TxCaW	West Texas State College, Canyon. (L*)
TxD	Texas State College for Women, Denton. (L,P) See also TxDW.
TxDN	North Texas State College, Denton. (L)
TxDW	Texas State College for Women, Denton. (L,P) See also TxD.
TxDa	Dallas Public Library.
TxDaM	Southern Methodist University, Dallas. (L,P,M)
TxDaS	Southwestern Medical College, Dallas.
TxDaTS	Dallas Theological Seminary Library, Dallas. (L,P)
TxEM	Texas Western College, El Paso. (L,M) See also TxETW.
TxETW	Texas Western College, El Paso. (L,M) See also TxEM.
TxFS	Southwestern Baptist Theological Seminary, Fort Worth. See also TxSS.
TxFTC	Texas Christian University, Fort Worth.
TxGr	Rosenberg Library, Galveston. (L,P)
TxH	Houston Public Library. (L*)
TxHMC	Texas Medical Center Library, Houston. (L)
TxHR	Rice Institute, Houston. (L)
TxHU	University of Houston, Houston.
TxHuT	Sam Houston State Teachers College, Huntsville.
TxKT	Texas College of Arts and Industries Library, Kingsville. (L*)
TxLT	Texas Technological College, Lubbock. (L*,P,M)
TxNacS	Stephen F. Austin College, Nacogdoches.
TxSS	Southwestern Baptist Theological Seminary, Fort Worth. See also TxFS.
TxSa	San Antonio Public Library.
TxSaT	Trinity University, San Antonio. (L)
TxSvT	Tarleton State College, Stephenville.
TxU	University of Texas, Austin. (L,P,M)
TxU-D	—School of Dentistry, Houston. (L)
TxU-M	—Medical School, Galveston.
TxWB	Baylor University, Waco. (L,P,M)
TxZZ	DeGolyer Library, Southern Methodist Univ. Dallas, Tx 75275

Utah

UBcT	Thiokol Chemical Corporation (Utah Division), Brigham City.
ULA	Utah State Agricultural University, Logan. (L,P)
UPB	Brigham Young University, Provo. (L,M)
US	Free Library of Salt Lake City. (L*) See also USI.
USI	Free Library of Salt Lake City. (L*) See also US.
UU	University of Utah, Salt Lake City. (L)

Vermont

Vt	Vermont State Library, Montpelier. (L)
VtMM	Middlebury College, Middlebury. (L) See also VtMiM.
VtMiM	Middlebury College, Middlebury. (L) See also VtMM.
VtNN	Norwich University, Northfield. (L)
VtU	University of Vermont and State Agricultural College, Burlington. (L,P)
VtU-Med	—College of Medicine Library.

Washington

Wa	Washington State Library, Olympia. (L,P)
WaBeN	Western Washington College of Education, Bellingham.
WaPS	Washington State University, Pullman.
WaPlP	Pacific Lutheran University, Parkland.
WaS	Seattle Public Library. (L*,P,M)
WaSK	King County Medical Society, Seattle. (L)
WaSp	Spokane Public Library. (L)
WaSpG	Gonzaga University, Spokane.
WaT	Tacoma Public Library. (L*)
WaU	University of Washington, Seattle. (L*,P,M)
WaU-L	—Law Library.
WaWW	Whitman College, Walla Walla. (L)

West Virginia

WvHuM	Marshall University, Morrow Library, Huntington.
WvU	West Virginia University, Morgantown. (L,P)
WvU-M	—Medical Center Library. (L,P)

Wisconsin

WAL	Lawrence College, Appleton. (L,M)
WAP	Institute of Paper Chemistry, Appleton. (P)
WBB	Beloit College, Beloit. (L)
WHi	State Historical Society of Wisconsin, Madison.
WM	Milwaukee Public Library. (L*,P,M)
WMM	Marquette University, Milwaukee. (L)
WMaF	U.S. Department of Agriculture, Forest Products Laboratory, Madison. (L*)
WNa	Nashotah House, Nashotah.
WU	University of Wisconsin, Madison. (L,P,M.)

Wyoming

Wy	Wyoming State Library, Cheyenne. (L,P)
WyU	Wyoming University, Laramie. (L,P,M)

ISSUE IDENTIFICATION

Volume numbers are given. A. + sign means all subsequent volumes are held; ( ) means only scattered issues.

Most monthlies had one volume per year; most weeklies had two volumes per year, but there are exceptions to both. To determine the exceptions and whether the magazine is a weekly or a monthly, see the indexing of that particular periodical. Some locations showing owning an entire year actually lack some issues. Library ownership are bound volumes

Some libraries have disposed of their holdings, usually thrown out but sometimes given to the Center for Research Libraries in Chicago or some other location.

RAILROAD PERIODICALS

AMERICAN JL OF RAILWAY APPLIANCES 1883-1895
JOURNAL OF RAILWAY APPPLIANCES 1895-1901
RAILWAY MAGAZINE 1901-1909
MACHINERY, RAILWAY EDITION 1910-1911

JOURNAL of railway appliances. N.Y. [1-21]
Jl 16 1883-1901[]
1-15,1883-95 as American journal of railway appliances. United with Machinery to form Railway machinery, later: Machinery. Railway ed.

CSt 1-8[12]-[9]-21
CtY [2,6]7
DLC 1,5-21
DP
MCM 9-11
MdBE 6-21
NN 1-[12-14]-21
NNE 1-7,11
WU [12]-19[21]

—Railway ed. N.Y. nsv1-12 no4,N 1901-D 1912[]
1901-D 1909 as Railway machinery. 1-12 also as v21-32, continuing the numbering of Journal of railway appliances

CSt [1]-[8]-[11]
DBRE [2-7]-[9-10]-12
DIC 1-10[31-32]
DLC
DP 1-11
IU [1]-12
InLP 4-11
MB 1-8[10-11]
MdBE 1-11
N [6-10]
NIC [6]-[8]-[10]
NN 1-[10]
NNE 1-[8-9]-12
PU [6]-[11]

AMERICAN RAILROAD JOURNAL 1832-1887

Suspended Ja-Je 1838. 1832-86 as American railroad journal; 1887-92, Railroad and engineering journal; 1893-1911, American engineer and railroad journal; 1912-My 1913, American engineer; the railway mechanical monthly; Je 1913-D 1915, Railway age gazette. Mechanical edition; 1916-49, Railway mechanical engineer; 1950-52, Railway mechanical and electrical engineer. 7-66 also numbered in series; nsv1-9; s3 v1-2; 2d quarto series v1-39; ns (s5) v1-6. Absorbed Mechanics magazine Jl 1838; Van Nostrand's engineering magazine Ja 1887; National car and locomotive builder Ja 1896; Railway master mechanic S 1916; Boiler maker and plate fabricator Jl 1937; Railway electrical engineer Ja 1942

NOTE: Only volumes 1-56 are the American Railroad Journal

ArU 72-78
C 79-[93]+
CL 77+
CSf 81+
CSfM 61-69,81+
CSmH 1,6[7]16
CSt 1-13,15-[21]-32, 52,58+
CU [18-32]61-107
CaM [61-104]
CaON 61-87
CaTU 97-104
CaV 103+
CaWU 101+
CoCC 1-35
CoD 61-69,71-72,98+
CoG 63-78
CoU 99+
CtY 1-[15]-[53]-[84-92]-96,102
DBRE 1-[32]-38,41-52[60]-[87-88]+
DES 12,20,61-69,103+
DIC 1-26,28,39,41-54, 60-61,64-65,67+
DLC 1+
DP 1-[86]-[92]+
GAT 104+
IC 61-87,90-92
ICA 69,71+
ICJ 1-[5-6]-11[17-19]-[30-32,34,38-39, 41]43-48,61+
ICU 61,67+
ICW 75+
IEN 1-6,19
IU 1+
IaAS 7,19-24,57-58, 61-92,95+
IaU 61-68[90]+
In [1-3]-6
InLP 1-2,61+
InTR 61+
InU [1-48]
KMK 61-69
KU 1-10,14-15,18-27, 29-32
KyLU 10-[92]-[96-98]-[101]-[03-06]
KyU 71-86,88-89
LU 77,81-83,86
MB 74+
MBAt [1-2]3,6-7,12-13,16-18
MCM 7-16[22]61-[70]-[86]+
MH-BA 1-[88-89]
MMeT 6,63-67
MWA 1-[5-6]-[10,14-18]-[22,24-25]-[27-28,30-31,38,55]
MdBE 8-15,61+
MeU 61+
Mi 61+
MiD 1-3,5-24,61-[88]-[90]+
MiEM 61-77,79-99
NR 1-[3]19,76-88 [100]-[05-10]+
NSU 61-66,77-109, 11+
NSchU nsv1-4
NbO 67-76
NbU 61-70,72-[89]
NcD 1-4,21-23,27-34
NhD 5-6,27-28,38-39, 79-91
NhU 64-[67]-81
NjHoS 61-69,71-[73-74]+
NjP 1+
NjR 1[2-3]5-6[16-56] 61-68,74-[79]88-[90]-[92]
NjT 94+
OC 1-4,7-19,43-44, 47+
OCHP [1]8-11,21-29
OCl 19-21,61-69,78+
OClW 39,61-85
ODa 87+
OT 61-69,71+
OU 61-67[70]-[103]+
OrCA 96-[107]
OrP 67-69,78+
PBL 61-98,100-08,10-11
PEL 7-17,61-82,65-67, 69-97
PP [1]+
PPD 68-69,74,110+
PPF 1-30,38-43,61+
PPI 1,4-6,61-107
MiMu 97+
MiU [1-2,18-19]36-39,61+
MnHi 26-28
MnM 61+
MnS 62-67,82+
MnSJ 61-69,71-72,80, 82,107+
MnU 61+
MoS 7,61-62,89-[92]+
MoSW 69-100
MoU 72+
N [1-83]+
NBP 111-12
NBuG [1,3]22,61-92, 94,96+
NIC [1-36],61+
NN 1-[6]-[11]-[21-22]-[24-25]-[54-55]-[70]+
NNC 1-29,41-43,61-[84,96-110]+
NNCoo 61-68
NNE 1-40,61+
NNHi 1-17[22-26]28
NNQ 61+
NjMD 118+
OMC [4,7,9]-[12,69]
PU 34-54,1361-81
ScU 61-63
TMC 117+
TxCM [98]+
MNSJ (1-107)+ WM 61+
CZZZ
MoZZ
PZZZ Most

AMERICAN RAILWAY REVIEW 1859-1861

DBRE [1-2]-6
DLC 1
DP
ICJ 1-3
MH-BA [1-3]
MWA [2-3]
NN 1-[5-6]
NNE 1-2
NjP 4
PP 1-3
PU 1-5
TxU 2-3
WU [5-6]

AMERICAN RAILWAY TIMES 1849-1872

RAILWAY times. Boston. 1-24,1849-72.
Early years as American railway times

CSt [20]-[22-24]
CtY [4,13-15]
DBRE [5,9,12-14]-23
M 22-24
MB [1-2]-[6-7]-[10-11]
MH-BA [4-11]12[14, 19,21-24]
MWA [2-4,7-11]12 [23]
MdBJ [14]
N [3,8]
OMC [22-24]
PP 12-[16]17
PU 12-19

BAKER'S RAILWAY MAGAZINE 1896
RAILWAY MAGAZINE 1897-1898

CSt [2-3]4
DBRE [1]-4
DIC
DLC [1]-3
ICJ 2
LNHT [1]
NN
NNE 2-3
PPI 2-3
TxU [3]
InLP
CaOONLit

BALDWIN LOCOMOTIVES 1922-1943
BALDWIN 1944-1951

DLC
GAT
ICJ
MCM
MdBE
MnSJ
NN
CZZZ
MoZZ
PZZZ

INTERSTATE COMMERCE COMMISSION'S FINANCIAL AND VALUATION REPORTS 1920-1983

These volumes can be found in the better university libraries indexed under *Reports*

CZZZ Val. only
MoZZ " "
PZZZ " "

JOURNAL OF RAILROAD CAR HEATING, LIHJTING AND VENTILATING 1891-1892
RAILROAD CAR JOURNAL 1892-1900
RAILROAD DIGEST 1901-1902

CSt 1-[7,9-11]12
DBRE 2-4,6-[11]
DIC 2-12
DLC 11-12
DP
ICJ 3-12
IU 3
InLP 8-11
MH-BA 7-12
NIC 5
NN [1]-[11]12
NNC 5
NNE 2-12
OCl [3]-[11]
PPI 11-12
WU 12

LOCOMOTIVE ENGINEER 1888-1891
LOCOMOTIVE ENGINEERING 1892-1900
RAILWAY AND LOCOMOTIVE ENGINEERING 1901-1928

C 18-41
CL 22-39,41
CSf 21-40
CSfM 25-40
CSt 1-11[20,38]
CaM [14]-18,20-[39]-41
CaME 36-41
CaTU 23-40
CoCC 8-9
CoU 18-40
DBRE [1-2]-[4-6]8 [9]-[19]-[35]-[41]
DIC 8-9,11-25
DLC
DP
ICA
ICJ
IEN [12-34]
IU
IaAS 11-14,18
InFw 20-41
InI [9-41]
InLP [9-41]
KU [30-41]
KyU 23-[30-41]
MCM 10-[38]-41
MH 11-17
MdBE [35-41]
MeU 4-23
MiD 1-5,7-9,11-40
MiU 4-16
MnM 24-41
MnS 31-36
MnU 3-41
MoS [24-41]
MiBC 10-19,21-32,34-40
N [8-9]-[41]
NBu 8-40
NBuG 13,15-18,20
NIC 8-9,11-[24,29-31]-35
NN
NNC 18-19
NNCoo 1-32
NNE 1-[41]
NR 11-27
NhU
OC 15-40
OCl 7-10[14]-[41]
OT 21-41
OrP 16-40
PP [25]-[30]32,38-41
PPD 20,22-23
PPF [2-3]-[5-6]-[17]-[41]
PPI
PSt 10-19,21-23[36-41]
PU 1-5,7-40
RP 8-26
WU [6-41]
WyU 22-24
MBtS 6,8,11-12,16,18, 20+
MnU 20-54
NIC 13,21-36,38+
PU 1-54
RP 33
RPB 54
CZZZ
MoZZ
PZZZ

LOCOMOTIVE ENGINEER'S JOURNAL 1830-1960

AzU [56-59]
CSt [3-6]7,9,11-15, 29+
CU [18-36]+
CoU 47
Ct 2-3,52-[65]
CtY 26,35[37-38]-66
DBRE 1-12,14-23, 25-35,28+
DIC 1,7,23[24-26]+
DLC 1-7[22]32+
DLC 1,7,11,13-27,30, 32-[55]+
ICJ 1-[21]-[23-24]-[26]-[28-29]-65
ICU [4]-8,24-25,28+
IEN [65]+
IU 1+
IaGG 57-73
IaHi 46-56
KHi [28-31]-37,39-67
KyLU 27-28,33-34,36-45,47-49,51-63
MCM 57+
MH [6,16,23]+
MH-BA 1,3,8,10[17-18]22-26[28]+
MSM [58]+
MWA [5-6,8]
MdBE 65-73
MdBJ 1+
MeBa 58+
MiD [5-6]-[59]-[61-62]
MiGr [31-54,57-73]+
MiU 45-58
MoS 72+
MoU 44-59
N [18,22-23]24[34]-[36-38]-[40-44]+
NBuG [42-55]67[68, 72]
NIC 52-[67]
NN 7[16-17,19-23]-[46]+
NNC 32- [58-62]-[69]+
NNU [61,63-64,67]
NPV 56-58
NR [57,60]-[65]+
NcD [54-55]-[65-66]
NcU [33-39]-[41-47, 55]
Nh [27]-58
NjP [3-58]
OCl 28,39,45-46,48-50, 53,57+
ODW 38-41
OO [46,59-59]-[61]
OOxM 59-[61]-66
OrU 3,5-6,8,29-34,36, 39-41,44-50[56-65]-67
PBm 66+
PMA [58]-67
PP 25-26,32-[51-52]-60,62-[65]+
PPF [23]-52
PPI 31-37
PU 58-69
RPB 57+
SdB 67-58
TxH [56-65]+
TxU 2,4-5,7-8
VW 57,59,63
WHi [1-10,20-35]37-
WaT [59]-[67]
NjP 23-56+
NAW c64+
CZZZ
MoZZ
PZZZ

MODERN RAILROADS 1945-1970
MODERN RAILROADS RAIL TRANSIT 1971-1982
MODERN RAILROADS 1983-1991

CLSU 5+
CSt 1+
CtY 2+
DBRE 1-5
DIC [1]+
DLC 1+
DP 5+
ICJ 4+
IEN 6+
IU [1]+
InLP 2+
MoKL 1-[4+]
NN [1]+
NNC [1-2]+
OCl [1]+
OkS 1+
VU [1-3]

NATIONAL CAR BUILDER 1870-1885
NATIONAL CAR AND LOCOMOTIVE BUILDER 1885-1895

CSt 13-20,23-26
CU 9-25
DBRE 15,24
DIC 24-26
DLC 1-6,20-26
DP 11-26
IC 17-26
ICJ [16]-[18-19]-26
IU 20-26
MH-BA [5-8]
MWA 1-5[8-9,11-13]-15
N- [21]-[23]-[25]26
NN [4]8-11,13-14,16-17,19-26
NNE 11-26
OCl [11]-[14]
PBL 20-26
PSt 24-25

PENNSYLVANIA RAILROAD AND MINING REGISTER 1856-1857
UNITED STATES RAILROAD AND MINING REGISTER 1857-1874
RAILWAY WORLD 1875-1915

CSt 1-[23-24]-59
CaM 49-[54-58]
Ct 22-23
CtY 19-26[57]
DBRE 1-12,14-15,19-59
DIC 1-11,15-59
DLC [11]-26,28-59
IC 20-21
ICJ 1-2,14-15,19,22-25,28,31,33,35-[37]-58
ICU 23-24[54-56]-59
IU 21-24,26-27,42,47-58
KyLU 25,33,35-37,41-43,46-55
M 9-14
MH-BA 19-22,24-28 [45-46]48-59
MiU [53]-[59]
[12-13,17-19,23]-[27-28]47-[51]-[56]-[59]
NN 13-14[18]-28[30-31]33[35-39]-[41]-[43-44]-[46]-59
NNC 10,16-[18]
NNE [20-23]-[49,53]-59
NNU-C 52-55,57-58
NjP [19-59]
OCl 24-26,32-34
OrU 53-[55-56]-58
PP 47-52
PPAP 13-18
PPi 52,54-59
PU 3,5-25,34-36,38-59
WU 19-[27-28]-[57]

RAIL-ROAD ADVOCATE 1831-1832

RAILROAD advocate. Rogersville, Tenn. v1 no1-26,Jl 4 1831-Je 14 1832

[redacted]
DLC *Facsimile*
MH *Facsimile* R
NN *Facsimile* fc
Mo22

RAILROAD ADVOCATE 1854-1855
COBURN's RAILROAD ADVOCATE 1855-1856
HOLLEY'S RAILROAD ADVOCATE 1856-1857
AMERICAN ENGINEER 1857

AMERICAN engineer. N.Y. v1-4 no11,N 11 1854-S 19 1857[]
1,1854-My 5 1855 as Railroad advocate; v2-3 no12,My 12 1855-Ag 2 1856 Coburn's railroad advocate; v3 no13-v4 no7,Ag 9 1856-Jl 4 1857 Holley's railroad advocate

Ct [2-3]
[redacted] DSI
ICJ 1
MH-BA [2-3]
MWA [1-4]
NNE
NbD 3-4

RAILROAD AGE GAZETTE 1908-1909
RAILWAY AGE GAZETTE 1910-1917
RAILWAY AGE 1918-1999

Vol. 1-44 are Railroad Gazette

AAP 45-49
ArU 34-57,59,64-65,72+
AzU [41-72]-75,82+
C 38+
CCC 8-87
CL 28+
CLSU 4-16[84-94]+
CLU 21,23,25-27[79-84]-[102]+
CPT 58+
CSf 9,12-20,44+
CSfM 1+
CSt 3,5+
CU [3-4]8+
CaB 80-[82-83]-[98-101]+
CaH 82-105
CaK 56-69,71-85,88+
CaL 13-15,17-19,21-22
CtY 1-[10]-[22]-[52]-[58]+
DA [13-23,25-29,31]37-[98]+
DBRE 1+
DCU 60+
DES 45-49,56,58-61,63-64,68+
DGW 84+
DSI
CaM 19,40,42-[76]-[80-85]88-[98]
CaME 48+
CaMS 101+
CaO 36+
CaON 36,38-61
CaOS 21-44[53]+
CaT 76+
CaTU 23+
CaWU 42+
CoCC [5-48]98+
CoD 15-27,48+
CoFcS 37-38[40-45]-[48]
CoG 84+
CoU 37+
Ct [4-44]
CtU 106+
CtW 8-9,16,20,23-24,65-70,72+
NNQ 70+
NNU-C 44-83[99]+
NNU-G 76+
NNU-H 5-26,73,77,80+
NR 12,29-56,59-61 [64-79]+
NRU 84+
NSchU 20-[22]-30,85-104
NTR 5,8-12,19+
NbOC 102+
NbU 4+
NcD 11,13-[16-17]-72,77+
NcRS 33-36,38-41,44-45,77-86,88+
NcU 16-22,69+
NdU 7,17-34,36-43,83-89
Nh 28-[76]-[82]+
NhD 7+
NjHoS 2-3,23[25]-[27]+
NjP 9-33,35,38+
NjR [30-32]37-39,43,45+
NjT 28-37,41-60,62+
Nv 56-65
NvU [52-63]
OAU 40-66,69-73,75,101+
OC 23+
OCl 6+
OClW 2-7,10-13,15-30,32-33,35-36,38-58,60-86
ODW 72-97
ODa 51+
OHi 10-13
OMC 1-8[60-62]
OO [12-49]-[95,97]-100
OOxM 66+
OT 16-19,46+
OU 5+
OkS 32,62-66,68-77,80-81,83,85-95,97+
OrCA 12-33,35-41,43 [44]+
OrP 35+
OrU 21-23,34-[38]-[44]-60[64]72+
PBL 1-69,71+
PEL 37+
PLF [78-93]
PLeB 38-[47-50]
PP 5-15,21-[65]+
PPD [87]+
PPF 1+
PPT 13,32-33,35-41,43-[70-76]+
PPI 4+
P227
PPiC 68+
PPiU 48-49,51,53-57,64-65[88]-93,99+
PR 80+
PSC 101+
PSt 15-16,18-[68]+
PU 4+
RP 22,24+
RPB 1-5,19-57,59+
ScU 84+
SdU 43-57,75-96
TMG 49+
TNV 12-20,22-45,47-59,63,65-[82]+
TU 30-31[74]+
Tx 76-81,83-86,89+
TxCM 21-22,24-34,46-51,53,60[61-63]-[71]+
TxDaM 83+
TxH 29+
TxHR [68]+
TxLT [64-77]-91
TxU 9-15,17[18]+
UPB [81-94]
US [1-57]+
UU 87+
VBP 62-[67]-[74]+
VLxW 58+
VNM 72-83
VR 77+
VU [7-106]
VW 90-[95]
VtNN 38-42[66-80]
VtU 19+
WM 17+
WU 45-[50-52]-[68]-[84-86]+
WaS 6+
WaSp 36+
WaT 46+
WaU 5,34-44,46+
WaWW 83+
WyU 58+
WyU 47+
LU 16-17,20-38,40-75,78,81+
MdU 98-99,103-11 [116]+
MeBa 109,1940+
OkT [80,110]112+
ScU [61-62,80-84,110]+
TxCM 21-22,24-34 [41]46-[52]-[54]60 [61]-[63]-[71]+
AU 35-37,58-113
CLSU 4-16,30,47+
CLU 8-12,14,17-21,23,25-27,38-41,44,46 [79-84]+
CaV 86+
GAT 81-82,84+
IEN 5-6,8-14,16-20,22,28+
InNU 43,45-47,50-51,108-13,115+

RAILROAD AND ENGINEERING JOURNAL 1887-1892
AMERICAN ENGINEER AND RAILROAD JOURNAL 1893-1895
AMERICAN ENGINEER, CAR BUILDER AND RAILROAD JOURNAL 1896-1899
AMERICAN ENGINEER AND RAILROAD BUILDER 1899-1911
AMERICAN ENGINEER - "RAILWAY MECHANICAL MONTHLY" 1912-1913
RAILWAY AGE GAZETTE MECHANICAL EDITION 1913-1915
RAILWAY MECHANICAL ENGINEER 1916-1952
RAILWAY LOCOMOTIVE AND CARS 1053-1975

see American Railroad Journal, volumes 57 up.

RAILROAD GAZETTE 1870-1908
See Railroad Age Gazette, volumes 1-44

RAILROAD MEN 1887-1920

RAILROAD men. N.Y. v1-46 no7,O 1887-Ap 1933[]
v1-11 no3,1887-D 1897 as New York railroad men

CSt [1]-[3-6]-9 [11-14]-[33]
DBRE [6-9,12-14]-[18]-[21]-[35-36]-[46]
DIC [1-3]-[11]-46
DLC 1-18
ICJ 12-33
IEN-C [35-36]-[39]-46
N [5-9,11-13]24-46
NN [1]-[8]-[9]-[11]-[18]-46
OU 28-32
WU 14-[33]

RAILROAD RECORD (AND JOURNAL OF COMMERCE) 1853-1872

CSt 6-[9]
CtY 1-[5]-[7]-10
DBRE 1-18
DIC 1-20
ICJ 1
IU 1-2[4,9-10]
KU 1-3
KyU 2
MH-BA 1[2-3,12,14-16]
MWA [1,3-4]
MiEM 6-15
OC [1,16-20]
OCHP 1-18
OClWHi [2-10,15]
OHi 1-6
OMC [1-3]-[5]7-8,10-11

RAILWAY AGE (CHICAGO) 1876-1890
RAILWAY AGE AND NORTHWESTERN RAILROADER 1891-1901
RAILWAY 1901-1908

ArU 31,35
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CSfM 35-42
CSt 1+
CaM 39-45
CoU 20-44
Ct 8-13
CtW 33-35
CtY
DA [38-39]-45
DBRE 2,4-9,11-45
DIC [3]-45
DLC 3-4,6-9,11,14-45
DP 4-14[16-17]-45
IC 14-45
ICA 17-[21]-25,27-30,32-35,38-45
ICJ
ICU [8-14]-[17]-45
ICW 2-44
IEN-C 39-45
IU 7-9,11,14-20,27,29-45
IaU 6-7,9-10,14-22,32-35,37-45
In 44-45
InFw 39-45
InLP 4,18-45
KHi 9-[25]-[27]28 [39-40]-[42]-44
KU 20-23,25,29-36,40,44
KyU 24-38,40-45
M 1-6
MB [5]-[42]-[44]45
MCM 8,11-13,15,18-23,26-45
MH-BA [2,9-10,12-14,18,28-33]36-[45]
MWA [1-2]-[6-1
MiD [5]-18[19]
MiGr [39-45]
MiU [3,5]-11,13-35]-45
MnM 17-45
MnU 11,13,22-45
MoS 13-35,37-45
MoU 43-45
N 6-[34-35]-[38]-[40-41]-[44]45
NBu 6-23[35-37,42]
NIC 29-45
NN [4]-[8-9]-[1[13]14[16-20]-45
NNC 12-45
NNE [3-4]-[6]-[14]19-45
NNN [18-19]
NR [9]37-45
NcD 34-45
NcU 1[3-4]
NhD 36-45
NjHoS 36-45
NjP 20,23-45
OC 34-45
OU [27-39]41-45
OrU 14-15
PP 25[26]-[30,3
PPi 18-20,31-45
PSt 9-10,12-13,15
PU 20-45
RPB 39-45
TNV 8-9,21-22,2
TxHR [35]-45
TxU 38-45
WU 4-[10]12-45
WaS 35-45

XVIII, 3

RAILWAY ELECTRICAL ENGINEER 1909-1942

CoU 7-8
DBRE [1-5,7]+
DLC 2+
DP 9+
ICJ [1]+
IU [2-3]+
IaAS 27+
IdU-S [7]8,12-[17]18
InLP 8-17
KU 2+
MCM 7+
MdBE 1+
MiD 13-22
MiHM 27+
MiU 1+

DBRE
KU 2-30
MdU 30-31

MoS 11+
MoSW 13-14
NBP 26
NN 1[2]+
NNE 1-[9]-[11]+
NTR 12-23
NjP 36-55
NvU [1-7]
OCl 1,4-6,14+

PP [7]8[12]+
PU 26+
TNV [4-5,8-9]
TxCM 15[17-19]+
WU 1-[7]-[10]+

MiD 13-21
TxCM 15[17]-[19]-33
WU

RAILWAY ENGINEERING AND MAINTENANCE OF WAY 1905-1916
RAILWAY MAINTENANCE ENGINEER 1916-1922
RAILWAY ENGINEERING AND MAINTENANCE 1923-1952
RAILWAY TRACK AND STRUCTURES 1953-1999

C 27+
CU [12]+
CaTU 25+
CoD 21+
ICU 32+
ICW 22+
IEN [12]+
IU 1+
IaAS 6-8,10-11,13-17, 19+
IaU 8-10,12-[15]+
IdU [17-19]-[25]+
KU [12]+
MCM 7+
MdBJ 24+
Mi [27]26
MiD [12-13]+
MnSJ [9-11,18]+
MnU 18+
MoS 13-[18]+
NIC 18+

DBRE [6-7]+
DIC 1-14[16]-[18-24]
DLC 8+
ICJ 1+
NN [5,7]+
NNE [5]-[7]+
NbU 19+
NjP 30+
OCl 4,6+
OrP 8+
PBL 18-24,26+
PP 12+
PPF 12+
PPi 13+
PSt 24-[31]+
PU 3-7,11,19-32
TxCM 20,22+
WMaF 34+
WU [8-9]-[11-12]-[16]+
WaS 12+

NN C00 31+
WM 33-[35] 37,40+

RAILWAY MASTER MECHANIC 1889-1893
RAILWAY ENGINEERING AND MECHANICS 1894-1895
RAILWAY MASTER MECHANIC 1895-1916

C 29-40
CSf 32-40
CSt 3-40
CtY 2[3]-5
DBRE [19]35-[40]
DIC 23-40
DLC 9-21,23-40
DP 11-40
ICA 25-40
ICJ 12-40
ICU [23]-40
IaAS 38 ICMILC 25-40
IaU 36-40
InLP [17-19]-40
MCM 14-40
MH [11-12]13,15-16

MoK 37-40
MoS 36-40

N [26,31-34]-[36]-[40]
NBuG 9-20,24-26
NIC [31]-40
NN [9,16-18]-[20]-[22-23]-40
NNE [9,12]-[40]
NhD 29-33,35-39
OCl 16-20,23-29,31,33-40

OU [16-17]30-40

PP [30-31,34-36]
PPF [9,13-14]-[16]-[22-23]-40
PPi 13-[18]-40
PU 20-21,29-39
WU 16-[32-34]-[40]

RAILWAY PROGRESS 1945-1958

AU [2-3]+
CLSU [2]+
CSt 1+
CoD [3]+
DBRE 1+
DIC 1+
DLC [3]+
FCU [1]-[3]+
GAT 1949+
ICJ [2]+
IEN-C 2
IU [3]+
In 1+
MBU [3]+
MH [1-2]+
MdBE [2]+
MoKL [2-3]
MoSU [3]+
NB 1+

NN [1]+
NNC [1]+
NNU-G [1951]+
NTR [2-3]+
NbU [1]+
NcD 1+
NjP 1+
NjR [1]+
OCl 1+
OrCA [1-2]
OrU [1-2]+
PPF [3]+
PSt [3]+
PU 1+
VR 1+
VU [1-2]
WM 4+
WaU [3]+

RAILWAY REVIEW 1879-1897
RAILWAY AND ENGINEERING REVIEW 1897-1913
RAILWAY REVIEW 1914-1926

C 53-79
CL 53-79
CSfM 51-79
CSt [9]-[16-19]-[22-23]-[27-29]-[31]-79

MnM 26-44,54-79
MnNC 50-71
MnS 54-79
MnSJ [54-58,69]-79
MnU 33,36-42,44-79
MoK 74-79

CU [40-42]-78
CaB 78-79
CaM 36-39,42-43,45-79
CoCC 44-50,52
CoD 31,39-42,53,55-57 64-65,74-79
CoU 45-79
Ct 16-19,32-[37-39]
CtY 20-[42-69]
DBRE [5]-[7]12-13] 14,21-22,26,30-79
DES 41,46-47,49-68, 70-71,74-76,78
DIC 17-79
DLC 20-28,30-79
DP 22-79
GU 49-55,57-79
IC 14-79
ICA 45-79
ICJ [20]-[23]-25,27-79
ICU 30-79

ICW 25,32-79
IEN 134,38,40-41,48, 50-54,56-73]
IU 30-79

IaAS 21,24,26-28,31, 36,38-79

IaU [22-23,30]32-39, 43-79
IdU [71]-79
InE [60-79]
KHi [22]-[41-42]-44
KU 36-37,40-41,43-47,58-79
KyL [48]-[51]-[68]-79
KyU [70-75]-[77-79]
M 20-31,33
MB [63]-[79]
MCM 28-79
MH-BA [15]-[24-25, 27]-79
MWA [16]-[19,22,32]
MdBJ 54-55
MiD 31[45]-[51]-79
MiU 31[32]34-[38]-[54]-79

MiU 21[25]-[28-30]-[32]34-[38]-[54]-79
MnSJ 46[47,49-53]-79
N [33]-[39]-[41,43-48]-[67]-[75]-79

MoS 44-48,50-[53]-79
MoSW 48-79
MoU 46-47
N [33-34,37]-41[43-48]-[67]-[75]-79
NBu [46]49-50
NBuU 62-66
NIC [35-36]-79
NN [28-29,31-33]-[36]-79
NNC 27-79
NNE 18-79
NNU-C 50-53,55-79
NbU 28-79
NcD-L [26,50-53,58-66,69-75]-[77-79]
NdU [69-79]
NjHoS 59-79
NjP 56-79
NjT 66-68
OC 57-79
OCl 20-79
OClW 21,33-37,39-79

OO [35-38,42-46]-[48-53,72-73]75-79
OU 41,43-44,46-[72]-79

OrCA [52-54]-[56-58]-[64]-[67-68]
OrP 52-63,66-79
OrU 54-79
PP 43[44]48[51-53]-79
PPF
PPT 41[56,63,70-75]
PPi [27-79]
PSt 37-[77-79]
PU 35-39,53-55
ScU 72-79
TNV 40-45
TxCM 38-42[76-77]
TxU [47]66-79
VU [37,39,76-79]
WM [59]-79
WU [12-23]31-79
WaS 45-79
WaSp 54-79
WaU 41[42]-[46]-[48]
ICMILC 41,43-79

TxCM 38-42[76-77]-79
WM 25[59]-79

RAILWAY STOREKEEPER 1901-1912
RAILWAY PURCHASING AND STORES 1913-1950

DBRE [2]-[4]+
DIC [1]-4,6-[11-18]+
DLC 1-[13]26+
ICJ 29+
ICU [10]12+
MiD [31-32]

N 4[5-6]
NN [10,12-13]-[16-17]+
OCl [22-25]+

SIGNAL ENGINEER 1908-1915
RAILWAY SIGNAL ENGINEER 1915-1923
RAILWAY SIGNALING 1923-1948
RAILWAY SIGNALING COMMUNICATIONS 1949-1970

CU 1-26
CoU 18-29,31+
CtY [1-2]32-2]
DBRE [1-2,4-7]-[8]+
DIC 1+ CaOON 524
DLC 2,4+
DP 1+
IaU 8-18
ICA 6+
ICJ 1-12
ICW 1-10,14+
IU 1+
IaAS 4+
IaU 23+
InLP [1-10]
KyU [6]-[15]+
MCM 1+
MH 1-2[17-19]-23
MiD 1-[25-30]
MiU 1-[2,8]+

MnM 19-20
MnU 1+
MoS 23[24]26[27-28]
N [1-8]+
NIC [8]-15
NN [11-13]+
NNE 1+

OCl 2+

PBL 16+
PP 13+
PPD 19+
PPi 4+
PU 16+
TxCM 19-[23]+
TxDaM [20]-[32]
TxU 14-24
WU [1]+
WM 37+

ELECTRIC RAILWAY PERIODICALS

INTERURBAN RAILWAY JOURNAL 1905-1906
ELECTRIC TRACTION WEEKLY 1906-1912
ELECTRIC TRACTION 1912-1932
ELECTRIC TRACTION AND BUS JOURNAL 1932-1935
MASS TRANSPORTATION 1935-1959
MODERN PASSENGER TRANSPORTATION 1959-1960
METROPOLITAN TRANSPORTATION 1961-1965
METROPOLITAN 1965-1975
METRO 1975-1999

AAP 31+
AzU [12-13]-[27-31]+
CL 27+

CSt [2-3]12+
CU 3,5-6[11]+
CoCC 12-27
CoU 12+
DA 10-[12]
DBRE [2-3]-[5-8]+
DGW [1]+
DIC [2]+
DLC [1-2]+
DPR 10-[12]
FU 12+
GAT 15+
ICA 1+
ICJ 4+
ICW 13,15+
IEN [31]-[33-34]
IU 4+
IaU 9-[31-36]
IdU 12-[20-21]-[23]-[30-35]
In 1-2
InLP 11+
KMK 12+
KU 12+
KyU 32+
LU [32]36+
MCM 5+
MH 15+

MH-BA 3-9,11+
MMeT [14-31]
MdBE 26+
MdBJ 12+
MeU [12-16]+
MiD 3+
MiDU 23-32
MiEM 13[14]+
MiU [10-11]-30
MnSJ 37+
MnU 10+
MoS 26+
MoSW 12-19
MoU 12+
N [4-6]+

AU 12-[29-35]+
CaV 37,1941+
CtY [11-12,14,22,37]+
GAT 11+
IEN [31]-[33-36]+
IaU 9-[31-34]+
InNU 7-10,13+

NIC 12+
NN [3-5]+
NNC 12+
NNE 1+

NTR [31]+
NbU 12+
NcRS 12-29,31+
NcU 12-21,23-26
NjHoS 32+
NjP 12-26
NjR [4-6]11-[14]+
NmScS [22]-[24]+
NmU 12-23,25+
OCU 12-21
OCl 5+
OT [35]+
OU [7-9,11]+
OkS 12-16,19-25,27+
OrCA [11]+
OrP [31]+
OrU 11+
PBL 12+
PP 2+
PPF 31+
PPi 19[20]35+
PSt [19-22]+
PU 3-30,32+
RPB 4-6,12
SdB 31+
SdU 20+
TNV [12,20-29]+
TU 18+

TxCM 16-[23]-[29]+
TxDaM 22-[26]
TxHR [11]+
TxU [12]-[29]30,32+
VLxW [31]+
VU [11]-[13-16]-[18]-[20-26]-[28-29]+
VtU 18,21,24[31]+
WU [2]+
WaS [27]+
WaU 12+
WvU 12+
WyU [31]+

KyLU 23-31,36+
MtBC 18,24+
NNCoo 33+
ScU [16]-[18]-[20-22,24-36]-[38]+
WM 7-8,12+

MASS TRANSIT 1974-1999

This magazine is recent, since the *Union List of Serials* was published. Copies of it will be found in many of the larger university libraries

STREET RAILWAY GAZETTE 1886-1895
ELECTRIC RAILWAY GAZETTE 1895-1896

CLU 4-5
CU [1]2
DIC 5-6
DLC 13
[redacted]
ICA 9-13
ICJ 10-11,13
LNHT [4-7,14]
MCM 1-5,10-13

N 1-6,8-14
NBu 9-11
NIC 1-2,9-13
NN [3]4[7-11]
NNC 11-12
NNE
PSt 10-13
PU 12-14
WU [7]-14

STREET RAILWAY JOURNAL 1884-1908
ELECTRIC RAILWAY JOURNAL 1908-1931
TRANSIT JOURNAL 1932-1942

ArU 29-30,35,40-47, 49+
AzU 45+
C 42+
CL 7+
CLSU 26,30-47
CLU 4-5,7-11
CPT 17-18,20-30,32, 34+
CSf 37+
CSfM 12-30,32+
CSt 7+
CU 1+
CaH 76-77
CaM 7-8,10-27,29-[74]
CaSU 13-19,23-30
CaT 34-74
CaTU 61+
CaV 73+

KyU 14-17,19-47,72+
LNHT [6-7,11-12]39, 41-57,59-63,65+
LU 61-73
MB 8+
MCM 1+
MH 7+
MH-BA 5+
MMeT 25-26,32-46
MdBE 29+
MdBJ 43+
MeU 5-10,23+
MiD 8+
MiEM 23+

MiU [1-4]-[6]+
MnM 15+
MnS 27-34,45+
MnSJ 10+

XIX 4

CORR MANY

CaWU 76+
CoCC 25-30,33-39
CoD 15,19-24,29+
CoFcS 23-74
CoG 27-31
CoU 7-21,23-34
CtY [10-11]-[23]-[46]+
DA 59-67,73[77-78]+
DBRE [15-17]-[20]-[29-32]-[34]-75,83
DRS 43-78
DCU [77-80]
DGW 65+

D&H MANY

DIC 22+
DL 40+
DLC 6+
DP 1[2]+
DPR 59-67,73[77-78]+
DeWI 37+
GA 26+
GAT 9-11,18-21,27+
GU 29,[47]-[59]-75,79,81+
IC 32+
ICJ 6+
ICU 35+
ICW 13+
IEN-C 32-40,47+
IU 5+
IaAS 3,6+
IaU 12-15,19+
IdU 20-23,26-[77]
In [11-75]+
InI 32+
InLP 7+
InU 51+
KMK 49-[63]-[78]-[80]+
KU 22-31,56+
KyL 39-40,73+

MnU 5+
MoK 37+
MoS 7+
MoSW 23-81,83+
MoU 16+
MtBC 33-42,44-[80]
N 1+
NB 10-23,25+
NBP 20+
NBu [11]16-30,40,75+
NIC 1+
NN [5]+
NN-M 32+

NNC 2,4+
NNCoo 7-75
NNE 1+
NNU-H 26+
NPV 23-24,27-43
NR 14-45,63+
NSU [1-4]12-13,21-70
NTR 76+
NbU 5+
NcD 16+
NcRS 28+
Nh 12+
NhU 23+
NjHoS 17+
NjP 1+
NjR 5+
OAU 16-26
OC 18+
OCU [11]-79
OCl 6+
ODa 41+

OT 17+
OU 12+

OkS 17-19,52-62,76
OrCA [30-31]+
OrP 32+

OrU 11-13,20-[22,28]-[61]-[77]
PLeB [34,44]
PP 7,9+
PPD 53+
PPF 3+
PPT 84+
PPi [1]-[6]+
PPiU 32+
PSC 77+
PSt 9-19,21,26-28,32-65,67-74,80[81]
PU 7+
RP 12+
RPB [21-22]-35,37-80
ScCc [14-21]
SdU 32-77
TC [81]+

Az [76-84]
CaME 34-86
GAT 9-12,15,17-86
IEN-C 32-86
IaU 12-17,19-86
InFw 29-33,35-86
InNU [19-43]
InU 51
KU 22-31,43-86
KyL
MdU 40-43,45-86
MiEM 23-84,86
MnU [4]-86
NNCoo 7-75,77-83
NNQ [34]38,74-86

TU [22]29[30]32+
TxCM 33-[37]-[52-53]-[62-63]+
TxH 76+
TxU 23-29,32-40,57-74,76[77]
UU 21+
VU 15[16-23,25-28,35-36,50,58,60-80]
VtNN 17,19-21,24-71
VtU 1-31
WM 10,29+
WU 4+

WaS 1+
WaSp 32-75
WaU 31+
WvU 11-14,30-43,46-74,76-77

NcD 16-85
OkS 16-19,52-62,76
PEL 9,11-62
PP [5-8]-56
PPi
RP 18-86
TxCM 32-[63]-86
TxU 23-29,32-[41]-[77]
VtU 1-31,76-86
WM 10,16-86
WaSp 32-[81]
WvU 11-14,30-43,46-74,76-[78]

STREET RAILWAY REVIEW 1891-1906
ELECTRIC RAILWAY REVIEW 1906-1908

CSt [6-7]
CU 1,3-19
CoD 7[8]13-16
CtY [1-6]-[9-10]-12,14-[16]
DBRE [6]8[9]-19
DLC 1,3,5-19
IC 2-19
ICJ 2-19
ICU [6]-[13-14]16,19
ICW 3-5,16-19
IU 2-3,5-19
IaAS 14-19
IaU 5-13
InLP 4-19
LNHT [18-19]
MB 1-3,8-[16]
MCM 1-11,13-19
MH-BA 1-[6]8,10-19
MiGr [15-19]

N [1-3]
NBP 10-13

MiU 1-[10]-[16]-18
MoS 17-18
NBu [16]-[19]
NN [1,7]-19
NNC 2-[16]-19
NNE
NbU 7-9,11-[19]
OC 1-2,15-19

OCl
OU 16-19

PP 5-16

PPi
PSt 12-18
PU 4-10,12-18
TxU [17]
WU 1-[16]-19
WaS
WaU [11]-19

PEL 10-15
WM 10,12-13,16-19

RAILROAD AVOCATION PERIODICALS

BULLETIN- Railway and Locomotive Historical Society 1921-1972
RAILROAD HISTORY 1972-1984

CZZZ MoZZ PZZZ TXZZ
Railway and Locomotive Historical Society office

BULLETIN - National Railway Historical Society 1933-1985
National Railway Historical Society, Phila. only full set

RAILROAD MAN'S MAGAZINE 1906-1919, 1929-1932
RAILROAD STORIES 1932 1937
RAILROAD MAGAZINE 1937-1960

PZZZ 1+ MoZZ & CZZZ lacks most early issues.

RAILROAD magazine. N.Y. 1.D 1929+ v1-7 no2,1929-Ja 1932 as Railroad man's magazine; v7 no3-v22 no3,F 1932-Ag 1937 Railroad stories

DBRE 1+ MiU 1+ PP 7+
DLC 1+ MCM 33,34+ WHi [7]10+
NN 1+ ViU [25-26,29-30] - 32

RAILROAD man's magazine. N.Y. v1-40 no3, O 1906-Ja 15 1919| Jl-D 1913 as Railroad and current mechanics. Merged into Argosy all-story weekly, later Argosy

DBRE [32-37] NN 3-4,6-7,9-19,40
DIC 12-14
DLC
MB 1-[6-7]-14 VtNN 1-16

SHORT LINE RAILROADER 1954-1960
STEAM LOCOMOTIVE 1959-1960
STEAM LOCOMOTIVE AND RAILROAD TRADITION 1960-1968
RAILROADING 1968-1975
SHORT LINE ANNUAL 1958-1963

CZZZ MoZZ PZZZ complete sets for each.

STEAMBOAT BILL 1940-1989

C 1+
CSt 1+
CU [3]-5
CaViP no17+
DLC no1-36
DSI-M no15,25-37
FCU no32+
ICHi no20+
ICN no32+
IU 1+
IaU no37+
In 1+
KyU no17,19-29,31+
MCM [1-2]+

MWA no1-3,5-11,13+
MiD-B no30+
N no1-30,33+
NN [1-2]+
NNHi 1+
NjP no32+
NjR no37+
OCHP no1-6,8-9,12,14+
OU no18+
RPB 1+
VNM 1+
WHi no17,19+
WaU [6]+

TRAINS MAGAZINE 1941-1951
TRAINS AND TRAVEL 1952-1954
TRAINS MAGAZINE 1955-1960

RZZZ 1+ MoZZ 1+ CZZZ 1+

CtY 1+
DLC 1+
ICJ 1+
ICU 1+
ILS 12-13, 16+
INS 1-13
InLP 1+

MCM [3]+
MdBE 3-4, 6+
MiD 7, 11+
MiU *
NBU [18]+
NIC [15]+
NN 1+
WM 3+

NON RAILROAD PERIODICALS

AMERICAN ARTESIAN 1864-1875

C-S 1-nsv3
CSf nsv5-7
CU
CaTU nsv4
CtY
DLC 1-nsv4,6-19
DP
IC 1-nsv16,19
ICJ
KHi nsv9,16-17,19
LU nsv12-13
MB
MCM
MWA [1]nsv3-8[10,12-14,17,19]
MoS nsv2-19
N nsv1-4[6,8]
NB nsv2-16,18-19

NBu 1-nsv9
NBuG nsv1-17,19
NN
NNC 1-nsv2,6,9-11,13-14,16-17
NNF nsv3,5-9
NjR nsv8-9
OC nsv11-19
OCl nsv6-7,18-19
OT nsv8
PP nsv13-19
PPF nsv10-12
PPi nsv[1-17]
PSt 1; nsv2-13
TxHR 1
WHi nsv1-13[15-17]18

AMERICAN MACHINIST 1877-1900

AAP [19]-[29-51]-[66]+
ATT 1+
ArU 44,46,77,79+
AzU 8-[26]+
C 28+
CL 3+

CSd 4-12,62+
CSf 11-13,16,20-[23]+
CSfA [63,68]
CSfM 25-26,29+
CSt [1]+
CU 2-[19]+
CaH 44+
CaK 26+
CaM [23]-[25]29+
CaON 71+
CaSU [62]-76
CaT 7,9+
CaTU 13+
CaV 62+
CoCC 22-27,29-33,36-74
CoD 14,22-25,31+
CoFcS 14-[23-24]-57,60+
CoG 23+
CoU 4-22,26+
Ct 4-17,59-62
CtHT 2-46,48-[52]
CtY [3]-41[45-48]

DCU 68
DFS 30-33,36-69,72-75,77-78
DLC 3+

DP 1+
DeU 2,4-7,17+
DeWI 3+
FDS 29-32
FJ [42]+
FU [16-17,25,27-34,36,38,40]42-59,61+
GA 29+
GAT 29+
I 51+
IC 12+
ICA 3+
ICJ [1]+
ICL 24-26
ICU 1+
ICW 3-33,50+
IEN 25+
IU 3+
IaAS 3+

IaDm 47+
IaU 4-27,29-58,62+
IdU 21-23,26-28,32-[60]+
IdU-S [33]+
InFw 30+
InI 19+
InLP 5+
InTR 4+

KMK 3+
KPT [31]-[53]-71,81+
KU 19+
KWi 46+
KvL 30+
KyU 3-59,61+
LN 14,28+
LNHT [16,19]23+
LNS 84+
LU 8-10,12,14-17,21-23,67-75,78+
MA [68,70]
MB [1]+
MCM [1]+
MH 33-34,37,40[41]46[47-48]-[82]
MH-BA 1+
OrU 7[8]12[19]-[22-23]-[31]-[43]
PBL 2+
PEL 19-30,34-56,58+

MMeT 19-23[25-42]45,67+
MWA [1-5]7-12,15-20
MdBE 3-5,7-8,10+
MdBJ 40+
MeBa 41-43,79+
MeU 3+
Mi 68-[81]
MiD 4+
MiDU 3-5,7,24,32-33[76]+
MiDbF 50,53+
MiEM 3+
MiGr [5-84]+
MiHM 4+
MiMiD 48+
MiMu 38+
MiU 3+
MnM 5+
MnRM 45+
MnS 19-[32,42]+
MnSJ 2-[49]+
MnU 2+
MoK [17]21-23,28+
MoRM 21+
MoS 4-12,17+
MoSW 12+
MoU 4-[34]+
MaSM [8,15-17]-[25]-[31-32]35-46,48-64,67+
MtBC 3-18,21+
N 1+
NB 3+
NBP 8-9,11+
NBu 21+
NBuG 1-2,23+

NBuU 1889-91
NIC 43-[83]+
NN [1-2]+
NNC 2+
NNCoC 81+
NNCoo 23-25,33+
NNE [1-2]+
NNQ 33+
NNU-H 24+
NR [1,3]19+
NRU 34+
NSU 25+
NTR 3+
NbO 9-45
NcD 76+
NcRS 12-43,60,68+
NdU 16,25+
NhD 78+
NhU 3-14,18,20-39,42-44,71+
NjHoS 3+
NjP 19-39,42+
NjR 18+
NjT 19-23,25+
NmScS 17-[43-44]-[68]+
NmU 68,70+
Nv 25-32
NvU 30+
OC 3+

OCU 2-7,11-12,14,16,19-[43-46]+
OCl [3]+
OClW 1-9,16-28,30-70
ODW 54-76
ODa 20-[22-81]+
OO [8-63]
OOxM 8,45+
OT 27+
OU 3-[13]+
OY 18,44-46,48+
OkS 22-[33-44]+
OkU [29-81]
OrCA [22]-[30]-[50]+
OrP 24+
OrPU 19-21,23,25-27[56-82]
ScU 74-76
SdB [79]+
SdU 32+
TMG 31+
TN 70+

PERIODICAL LOCATIONS

PEr [21-27,45+]
PHC [19-33]-76
PP [1-2]+
PPD 2+
PPF 2+

PPI [1]3+
PPiC 56+
PR 10-11,56+
PSC [26-46,60]+
PSt [1-2]3,5-[49]-[67]+
PU 2+
PVC [27]+

PWb 79+
RP [1-2]+
RPB [5-22]26-61, 63+
ScCc 17,22-23,31-32, 34+
ScG [59]+

AU 19+
CaME 86,1942+
GAT 3+
In [85]+
KyLU 49-50,54,57-60, 64-73,75+
MdAN 21-44
MdU [5,27-29]34-35, 40-41,45-46,58-82, 84-86
MoU 3-[34]+
NhD 78-81
PPT 14-[19]-[22] 24-25,27-28[30,32,43, 46]-48[51,53-58]-[60-61]-[63-65]-[67,69,72]-[77-83]-[85-86]+

TNV 3-13,19-[29-30]-37,60+
TU 3-27,29+
TxCM [6-78]+
TxDaM 81+
TxH [21-54]+
TxHR [1]3+
TxLT [25-73]+
TxU 16+
V [27]30-[50-65]+
VBP 3+
VU [20-24]-[57-64]-[69]-[73]-[77]
VtU 19+

WM 3+
WaS 4-11,13-[22-23]+
WaSp [1+]
WaU 27-[29,31]+
WvU 16+
WyU 22-[77]

ScU 75-76[85]+
TxCM [6-7]-[9]10 [20-24]25[27-28,30-34,43,46-47,49-57]-[61]-[64]-[67]-[69-72]-[75-76]-[78]+
ULA [31-80]85+
WU [2]-[34]+
WaS 4+
WvU 16,21+
WyU 22-[73]-[75]-[77]

ATLANTIC MONTHLY MAGAZINE 1858-1921

AAP 1+
ABS 1-27[29-102]
ATT 1+
ArU 1+
AzU 1+
C 1+
CCC 1+
CL 1+
CLSU 1+
CLU 1+
CMC 1+
CPT 111+
CSaT 111+
CSd 1+
CSf 1+
CSfA 1-4,13-22
CSfM 1+
CSjC 1+
CSmH [11-38,40-51, 87,121]-[28]-[34-57]
CSt 1+
CStoC 29-41,43-72, 111+
CU 1+
CU-A 114+
CaB 1+
CaEU 103+
CaH 1-50,66-69,71,73, 93+
CaK 1+
CaL 1-34,36-96[98-113]+
CaLP 77+
CaM 1+
CaO 3-9,112,16+
CaOG 105-14
CaOU 151+

CaSU [17-96]103-[49]+
CaT 1-[2]+
CaTU 1-4,6-40
CaV 1+
CaVIP 109+
CaW 85+
CaWU 105+
CoCC 1+
CoD 1+
CoDB 1+
CoDU 1+
CoFcS 1+
CoG 161+
CoGrS 1+
CoU 1+
Ct [1-160]
CtHC 1+
CtHT 1+
CtHW 1-72,151-59
CtNlC 1+
CtU 1+
CtW 1+
CtY 1+
DCE 114+
DCU 1-42,44-59,61-74, 76+
DES 21-22
DGU 1-164
DGW [7-38]113+
DHU 1-34,53-58,69+
DLC 1-166
DN [3-4]-[105-06]
DWP 1+
DeU 8-20,22-26,35-54 [57-68]71+

ICA 1+
ICD 1-59,64-73,81-83, 111+
ICHi 1-69,74-75

ICL 1-32[34-69]71-89 [91-107]+
ICM 1+
ICMu [1-106,111-128] 145+
ICN 1+
ICP 1+
ICT 1+
ICU 1+
IEN 1+
IEN-C 2-26[46-47]+
IEN-M 1-18,21-24,27-32[150-63]
IGK 1+
INS 1+
IRA 1-106,08+
IU 1+
Ia 1+
IaAS 1+
IaCfT 1+
IaDm 1+
IaDmD [1-6]12-48[50-87]89+
IaGG 1+
IaHi 1-4,13-22,73-76 [100-09]11-18
IaU 1+
IdU 1+
IdU-S 106+
InCW 1+
InE [1-32,85-110]+
InFC 1+
InFw 1+

InGD 1+
InIB 1+
InLP 1+
InND 1+
InS 63+
InSt 77-78[132-57]
InTI 1+
InTR 1+
InU 1+
K 1+
KAS 1-[28-34,39-43]-48,51-56,103-16,194
KHi 1+
KMK 1+
KPT 1-45[48-89]91+
KT 1+
KU 1+
KWi 1+
KyBB 1+
KyBgW 1+
KyL 1-47,49[54-94] 96+
KyLU 1-49,51-57,60, 96-111,13+
KyRE 1+
KyU 1+
LN 1+
LNHT 1+
LNL [100-03,34-64]+
LNX 1-84,145+
LU 1+
M 1+
MA 1+
MAA 1+
MB 1+
MBAt 1+

MANY, MANY MORE UNIVERSITIE

CASSIER'S ENGINEERING MONTHLY 1891-1913

AAP 3-41
AzU 6-44
C 27-[42]-44
CL 2-43; nsv18+
CSd 32-36,38-43
CSf 9-44
CSfM 1-44
CSt [3]-[5-6]-44
CU 1-44
CaK 19-41
CaT 2-4,6-[42]
CaW 36-41
CoCC 2-43
CoD 7-44
CoFcS 1-44
CoGrS 34,38-39
CoU 1-34,36-43
Ct 8,10-11,14-18
CtU 11-13
CtW 12-36
CtY 1-[41]-44
DA [21]-24
DES 17-18,41-42
DGS 11-41
DIC 20-[42]-44
DLC 1-nsv24
DM 17+
DN [12-42]

MtU-M 1-44
N 1-44
NB 1-44
NBP 2,5-42,44
NBu 1-44
NBuG 1-26
NIC 1-nsv21
NN 1+
NNC 1-44
NNCC [22,25]-42
NNCoC 7-26
NNCoo 1-44
NNE 1-nsv[1]+
NNU-H 19-41
NR [1]-[44]
NSU 2,4[5]-[42-44]
NTR 2-41
NbO 7-16,23-44
NbU 2-44
NcD 15-44
NcRS 1-2,5,10-28,37-41
NcU 27-34,36-41
Nh [1]-44
NhM 31-41
NjHoS 1-[42]-44
NjNbN 9-39
NjP [1]-44

DP 1-43; nsv[18]+
DSI-M [1-44]
DeU 22-25,35-[42]
DeWI 7-44
FJ 39-41
FU [8-9]
GA 25-43
GAT 33-41
GU 31-44
IC 5-42
ICJ 1-44; nsv[11]-[13]+
ICU [1]-44; nsv4+
ICW 1-42
IEN [8]10-[42]-44
IU 1+
IaAS 1-44

IaU 7-44
IdU 18,23-44
InI 6-44
InLP 4-44
InTI 13-43
InU [28-42]
KHi [4-5]6,10
KMK 10-14
KT [38-39]-[42]-44
KU 8-15,17-36,38-39,41,45; nsv1,3,5-12,14+
KyL 29-40,42-44
KyU 2-[6]8-[42]
LN 14-15,19-22,26-42
LNHT [3]7-[9-11, 13-14]17-44

LU 15-44
MB 1-[42-44]
MCM 1-44; nsv5-8, 27+
MH [1-19]-[24-31]-[37]-[40-42]-44
MMeT 28-42
MNF 29-44
MPB 35-42
MWA [1,4-5,7,10,13, 19]
MdBE 1-44
MeU 11-44
Mi [1]-44
MiD 1-42; nsv3+
MiEM 3-[42-44]

MiHM 2-41
MiU 1-44
MnM 7-42
MnS 2-41
MnSJ 1-44; nsv23+
MnU 1-44; nsv12+
MoK 1-43
MoRM 10-30
MoS 1-44; nsv9+
MoU 2-[42]43
MtBC 7,10-44

ICJ nsv[11]-[13]+
IU 42+
IaAS 1-44; nsv[28]+
MiU nsv28+
PPT [4-9,11-13]-[15] 18-23,25-34[37-38, 40-43]

NjR [12,16-19,32-35, 37]
NjT 24-43
NmScS [11-41]
OC 19-44

OCl 1+
OClW 3-11,13-24,26-43
OCo 17-44
ODa [30-32]-[38-39]
OO [1]-[42]-44
OOxM 29,38-41
OT 6-44; nsv17+
OU 1-44; nsv12+
OWC 15-26
OkS [13-21,30-40]
OkU 25-36
OrU 1-44
PBL 1-8
PEL 5,12-32,36,39, 43-44
PEr 2-41
PHC 7-44
PP [4-5]-44; nsv[2] 5-[10]+
PPD 17-37,39
PPF 1-44
PPT 21-23
PPI 1-44
PPiU 5-14,17,19-21, 31
PR 18-28,30-41
PSt 4-11,16,30,36-41

PU 1-42; nsv13-19
PVC 4-34
PWW 19-42
RP 2-44
RPB 2-43
TMC 10-13,16-44
TMG 17-42
TN 24-42
TNV [1-3]-5[9-11, 24,30-31]-[33]-39
TxH [9-11,35-40]
TxHR 14-45,51-nsv20
TxU 3-42
TxWB 16-19,21,27-30,35-42
VHaI 4,6-7,37
VtNN 25-41
VtU 9-44
WM 1-[43]nsv7-19, 26+
WU [11-[30]-44

WaS 1-44; nsv16-20, 29+
WaSp 4,6,8-11,13-[40]41
WaU 1-44
WvU 7-8,11-43
WyU 15-40

PPI 1-[44]; nsv26+
TxHR 7-45,51-nsv20
WM 1-[43]; nsv7-23 [26]+

COMMERCIAL & FINANCIAL CHRONICLE 1865-1904

AAP [62-64]
AU 1+
ArU 1+
AzU 112+
C 12+
CCC 22+
CL 27-28,30+
CLSU 88+
CLU 3-4,11,13+

MnSST 131+
MnU 2-3,5+
MoFC [118-43]+
MoK [28-49]66,86-93, 112+
MoRM 121+
MoS 19-22,24+
MoSW 23+
MoU 24+

CPT 130+
CSd [110-33]+
CSf 88+
CSfM [42-63]71+
CSt 1-[9]-12,16-[55-57]+
CU 4-9,11+
CaK 48+
CaL 22-75,118-19,30+
CaM 66-91,94-97,125-49
CaMR 111+
CaMS 66-76,82,84+
CaON [106]-[108]
CaSU 126-33
CaTU 12-15,20-21, 45+
CoCC 25-33,54,90-91, 100+
CoD 6,8-11,94+
CoDU [57-124]+
CoU 27-95,98+

Ct 1-[131-47]
CtHT 86+
CtHW 1-[60-99]
CtNlC 65-77,79-81,85-109[34]+
CtU 129+
CtW 20+
CtY 1+
CtY-L 1-8,30-52,55+
DA 12-[115]+
DC 1+

Ct 1-[131-47]
CtHT 86+
CtHW 1-[60-99]
CtNlC 65-77,79-81,85-109[34]+
CtU 129+
CtW 20+
CtY 1+
CtY-L 1-8,30-52,55+
DA 12-[115]+
DC 1+
DGU 1902-29
DHU 125-27,29-44
DIC 63+
DLC 1+
DeU [123]+
DeWI [114-19]+
FDS 95,119,22-28,44+
FTS 146+
FU 50-[82]+
GA 121,24+
GAT 138+
GEU 54-130[33,45-46]
GU 98-[108-29]+

H [130+]
I 112+
IC 18-19,33,51-52,54+

ICU 1+
IEN 10+
IEN-C 1+
IGK 92+
IU 1+
Ia 50+
IaAS 6-9,13+

IaDmD 40+
IaGG 80+
IaU [22-33]+
IdU 24-28,31+
IdU-S 115+
InI 26+
InLP 93+
InU [13-60]+
K 112+
KAS [84-97]
KMK [10]70-125,34+
KU 1-[33-43]+
KWi 110+
KyL 17-24[64-89] 118+
KyU 33-37,58,63+
LN 26-27,31-32
LNHT [30-66,102-20]+
LU 17+
M 1+
MA 28-43,45+
MB 1+
MBAt 1+
MBU 78+

MCM [4-13]+
MH 1[2-13]16+
MH-BA 1+
MH-L 131+
MMeT 92+
MNF 7+
MNS [80]-[84-86]-[90-91]
MSM [93]+
MWA [1-27]46,49-[93-139]
MWelC 91+
MWiW 14+
MdBE 1+
MdBG [92-102]+
MdBJ 4-5,7+
MeB 62+
MeBa 58+
MeU 114+
MeWC 79+

MsSM 126+
MtU 104+
N 1-[5-15]+
NB 8+
NBC 84+
NBP 142+
NBu 7-25,28-52,76-[101-19]+
NBuG [17-39]-[70] 72-121
NBuU 1-56,102+
NCH [53-145]+
NCaS 115+
NHC 78-89,103+
NIC 1+
NN [1]-[5]+
NN-M 72,77+
NNA [108-10]
NNB [10]+
NNC 1+
NNCoC 22+
NNF 1+

NNQ 58-130,32+
NNU-C 54-55,63+
NNU-G 1+
NPV 20-[84-115]+
NR 6+
NRU [24-52]+
NSU 82+
NSchU 126+
NTR 110+
NbO 107-35
NbOC 144+

NNQ 58-130,32+
NNU-C 54-55,63+
NNU-G 1+
NPV 20-[84-115]+
NR 6+
NRU [24-52]+
NSU 82+
NSchU 126+
NTR 110+
NbO 107-35
NbOC 144+
NbU 20+
NcD 29-[128]+
NcGW [119]+
NcU [1-44]+
NdU 16+
Nh 118-21,40-47
NhD 3+
NjMD [46-76,96-148]+
NjP 1+
NjR [4-28]-[110-17]+
NjT 112+
NmScS [117-41]+

NmU [111+]
OAU [125]+
OC 12+
OCU 25+
OCl 12+
OClW 31+
ODW 72+
ODa 98+

OO 10,12-97,99+
OOxM 37+
OT 86-87,90+
OU 1+
OY 126+
OkS 117+
OkTU 126+
OkU [80-87]116+
OrCA 28,98+
OrP 70,74+
OrPR 94-[150]
OrU 1-4,6+
PBL 54-84,96+
PBfG 126+
PEL 96+
PHC 5+
PHuJ [148]+
PLeB [86-87,134-36]

PP 2+
PPD 79-84,87-93 [123]+

PPT 2,4,16+
PPI 11,16-17,21-24,26, 30
PPiD [139]+

PPiU 92+
PR 106+
PSC 133+
PSt [12-100]+
PU 1+
PWW [134]+
RP 4,6-[66]+
RPB 1+

SdU 34-44,78+
TC 142-[46]
TCU 134-38
TMG 86+
TN 128+
TNF 126+
TNV [21-27,49,60-65] 72+
TU 28+
Tx 122+
TxCM [102-35]+

Mi 1+
MiD 60+
MiDU 48-51,72+
MiEM 30+
MiGr [42-151]+
MiMu 112+
MiU 12+
MnCS 136+
MnM 52-111[13]+
MnNC 52-95,102+
MnS [41-70]-[106]-37,40+
MnSJ 2+

VU 25+
VW 115+
VtU 72-81,98+
WBB [78-145]
WM 1+
WU 1-7,9+

AU 3+
Az 87-96[105-46]
CaOS 1938-42
GAT 79-95,97-[107]+
GU 72-73,75,82+
H 154+
IaAS 6-9,13-[156]
InGD 114+
InNU 89-94,97-114,116+
NAW 128+
NAnB [111]+
NN-M 72,77-154
NSchU 118-56

TxDaM [117-19]28+
TxH 108-25,32+
TxHR 102+
TxLT [137]+
TxU 15-17,19+
ULA [126-35]
UPB 114+
UU 79-93,107+
V [12-34]62+
VBP [118-36,47]-49
VLxW 38+
VR [1914]+
VRU 1929-34

WaS 10+
WaU 13,16+
WaWW 100+
WvU 24+
WyU 70+

NcGW [119]-[158]
OFH 1-54
ScU [103]-[112-19]-[122]-[124-26]-[128]+
TN 100+
TxCM [36-135]+
TxWB 30-135,144-[157]+
VBP [118,122]125 [128-31,133]-[136-37]-[140]-[144]-[159]

COSMOPOLITAN MAGAZINE 1886-1906

AAP [11-49]
ArU 11,13,15,17-20, 24-31
AzU [4-57]
C 2-64
CCC 9-55
CL 2-57
CLU 12,15-27,29-37
CSd 2-53
CSf
CSfM 9-52,54,56-57, 66
CSjC [10-59]
CSt [9-32]38-[54]
CStoC 14-16,18-22, 24-25,29,34-36
CU 2-59
CaL 12-33[35]
CaLP [28-55]
CaT 1-34,36,38-57
CaViP 1-56
CoCC 1-57
CoD
CoDU [2-7]-[26-53]
CoFcS 10-53

CoGrS 1,3-43,45-55
CoU 9-59
Ct [8]-30,32-49
CtU 2-22,24-[36]-46
CtW 10-58,60-66,68-78
CtY 1-66
DGU 8-41
DHU 12,14-17,19-28, 30-43,45-50
DIC 41-49
DLC
DWP 1-51
DeU 15-16[19-20,22-26,31,59]
DeWI 1-61
FDS 2-58
FJ 1-57
FU 12-[22-23]-[25]-[28-29]
GA 1-53
GAT 30-36
GEU 8-47,49-52,55, 58
GMM 9-38,40-48
GU 16-63
H [1-78]
I 2,4-31,39-53,56-78
IC 1-56,58-65
ICN 1-55
ICR 8-9
INS [9-42]
IRA 8,10-11,13-65
IU 1-66,68-76
Ia 1-68,70-75
IaAS 16-21,23-49

IaCfT 1-59
IaDm 2-52,54-58
IaDmD 5-52
NCH 7-[51-54]55 [68]
NIC [4-78]
NN
NNC 1-47
NNC-T 1-50
NNCoC 1-59
NR 1-60
NRU 1-48
NSU [2-42]
NStC 12-68
NbO 1-56
NbU 6-43

IaGG 2-52
IaU 2,4-58
In 1-55
InI
InU 2-78
K 1-68
KAS 22,25-26
KHi [4]-64
KPT 44-51,54-62, 65-66
KU 2-57
KWi 12-[40]-[56-60]
KyL [1-58]
LNHT [1-2]-[4]5, 8,11-78
LU 1-29,31,34-51,53-58
MA 1-52
MAA 40-59
MB 2-57,63-65,78
MBAt 9-40
MH 1-[3]-[54,57]
MMeT 10-50[52-55]
MNF 4-58
MNS 1-53

MPB [1-50,54-60]
MWA 1[2-7]-[13-15]-[29-33,35-37]
MWiW 2-5,7-69
MdAN 7,19-49
MdBE 1-58
Me 12,14-17,19,28-36
MeB 1-61
MeBa 4-5,7-31,33-56
MeP 2-57
MeU 10-54,56-57
Mi
MiD 1-63
MiEM 8-[67-78]
MiGr [8-78]
MiMu 8-62
MiU
MnCS [1-60]
MnM 1-53
MnNC 2-40
MnS 1-4,7-54,56
MoFC [8-61]
MoK
MoS 1-[68]-78
MoSW 3-4,6,8-18,27-28
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AAP [49-67,93]+
ArU [18-79]+
AzU 17-32[34-42]45+
C 44+
CCC 15-[69-100]-03
CL 16+
CLSU [33-54]+
CLU 20+
CPT 9+
CSf 48+
CSfM 27+
CSt 1+
CU 3+
CU-A [84-85]+
CU-M 65[67]70-71, 73-74
CaB 65+
CaH 67+
CaK 41-90,93-95,101+
CaM 19,29-30,33-[109]
CaME 40+
CaON 25-80,93+
CaSU 24-27,31-48, 50,76+
CaT 30,33+
CaTU 13+

CaV 85+
CoCC 9-10,13-16,20-21,26-31,35+
CoD 11-12,14-16,18+
CoDB 37,43
CoDU 45-110
CoFS 17+
CoFcS 17+
CoG 15+
CoGrS 45-58
CoU 3-4,6+
Ct 92+
CtHT 43+
CtU 30-34[87,97,106, 10]+
CtW 13-88
CtY 9-[35-36]-[44]-[74]+
DA 43-[72-73]+
DBS 3+
DC 79-93,99-102
DCU 47+
DES 15+
DGS 72-88[99]103+
DGU 16-43
DGW 75+
DHU 93-95,98[101]-[04]+
DLC [2]+
DN [14-83]
DP 1+
DWP 73+
DeU 21+
DeWI 7-12,15+

FDS 45-49,51-53,55-62
FJ 61+
FU 35-42,45+
GA 45+
GAT 19+
GEU [70]-[76]-[79]+
GS 19+
GU 33+
H 1+
IC 23-80
ICA 1+
ICJ 3+
ICU 1-12,16-86[99-106]-10
ICW 13+
IEN 5,8,13+
IEN-C [34]+
IU 1+
Ia 1-86,88+
IaAS 1+

IaDm 30,32+

IaGG 65[66]-[71]-[74]-82
IaU 20-23,28+
IdU 23-[84]+
IdU-S [58-60]+
InGD [3-88]
InLP 1+
InTR 15+
InU 11+
KAS 19-23,59-70
KMK 17-21,23-[81]+
KU 5-6,10+
KWi [63-66]69+
KyL 45+
KyLU 48-66
KyU [19-20]23-[69-88]+
LN 9-18,44+
LNHT [12-20]-[26]-[35-39]40-102,04+
LNS 113+
LU 34,36-[63]-94,96-[100]+
MA 38+
MB 1-[109]+
MBM 27-32
MBU 89+

MCM 1+
MH 3+
MH-BA 12+
MMeT 1+
MNS 13-84,86-88,90-100
MWA 11,27,29-30
MWH 49-[72-78]
MWiW 33-84
MdBE 11+
MdBJ 15+
MeBa 5-62,64-66,86+
MeU 19-56,58-59,61+
MeWC 61-69
Mi 53+
MiD 9+
MiDU [18-90]+
MiDbF 73+
MiEM 5+
MiGr [15-112]+
MiHM 3-92,94+
MiMiD 71+
MiU 1-4,7-[9]-[18]+
MnM 14+
MnNC [74-93]
MnS 19-22,24-31,33+
MnSJ 1+
MnSST [95]-105
MnU 1+
MoK 21+
MoRM 19+
MoS 9+
MoSU [14-71]
MoSW 1+

MoU 5+
MsSM 5-10,41-77, 91+
MsU 91,94-97
MtBC 19+

MtU-M 34+
N 6+
NB 1+
NBP 4,6+
NBuG 20+
NBuU 12-22,47-48, 95+
NCH 52-72,74-104,06-07
NIC 6+
NN [1-2]-[11]-[13]
NNC [1-2]+
NNCoC 23-24,31-56, 58-[73]85-94[98]-105+
NNCoo 23+
NNE 1+

NNQ 4-[7-8]-[13]-88,90+
NNU 99+
NNU-C 81-90[110]+
NNU-H 27+
NPV 38-[57]-66
NR 20-21[70]-[75]-[82-83]-[89]+
NRU 19+
NSU 18,20-21,25-[28]-[33]-36,39+
NSchU 13-107
NTR 9+
NbU 3+
NcD 15-16,21+
NcRS 9-12,14+
NcU 21+
NdU 87+
Nh 12-102[09-10]
NhD 15,18-[55]-[72-82]-90
NhU 19-70,73+

NJHoS 9+
NJP 11-12,14+
NJR 6[7-9]11+
NJT 27-32,34-51,53-72,74+
NmScS 29-[59]-[69-72]+
NmU [45-54]+
NvU [28-43]+
OAU 22-29,31-[79]-107,09+
OC 23,25-30,32+
OCU 23+

OCl 2+
OClL 1+
OClW 8-10,12-95,97-100
ODW 22-[41]-[47]-[55-57]-[63-68,78]

ODa 25+
OMC 20-[25-30]
OO [3,13-14,21-32]-[97-98]
OOxM 33+
OT 33+
OU 7-21,23-24,26-103, 05+
OY 49-54,60,67+
OkS 21-32,34-53,55-[62]64-95,97+
OkT 83+
OkU [49-105]+
OrCA 9+
OrP 1+
OrPU 63-65,67-77
OrU [3-4]-31,33+

AU [16-19]26,33+
Az [91-92]+
FU 3+
IaU 11+
IdU 14+
KyLU 47-66,87-89,94-96,99-102,109+
LU 7+
MdAN 15-20,35-63,66-[105-07]-[116]
MdU 45-115,117

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PEL 11+
PEr [19+]
PGC 1+
PHC 19-20,23-30,32-
PLeB 8,13-42[45]47
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PPD 1+
PPF 1+
PPT [23-98]+
PPi 1+
PPiC 85+
PPiM 47-59,62-67
PPiU [53-85]87-107, 09+
PR 79+
PSC 13-22,31-46,53-
PSt 1+
PU 3+
RP 9+
RPB 15-71,73+
ScCc 34-[39]-[45-49]+
ScU [57-63]65-67,69, 71-73,79-92,94-99
SdB 47,49+
SdRM 67+
SdU 50-103,08+
TC [97]99+
TN 93+
TNV 1+
TU 15-16[18-22]27-[33]+
TxCM [37]-[57]-[64-82]+

TxDaM 47-54[64]-[67-70]72+
TxH 47[48]+
TxHR 1[2]-102
TxLT [30-107]+
TxU [9]+

US [1-40]+
UU 4,12+
V 43-48,51-64,66+
VBP 18-24,26-27,29+
VR [1924]+
VU [20]-[30]+
VtNN 29,36+
VtU 15+
WBB [9-90]
WM 7+
WU 5+
WaS 9-12,14,21+
WaSp 44+
WaU 1+
WvU 20-41,43+
WyU 19,21-23,26-27, 30,40+

NBuG 20-119
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TxCM 15-18,33-34, 37+
TxDN [82-86]89, 107+
ULA 44-46,115+

IEN [170]+
IU 1+
IaAS 1+
IaU 1-30,32-109,11+
InLP [1-25]+
InTR 1-152
KU 29-30,33-35,43+
LN [1]94
MB 1+
MCM 1+
MH 1+
MdBE 1+
MdBJ 1+
MeU 1-106,08+

PPi 1+
PSt 1-110,12+
PU 1+
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RPB 3,12,18,25-28,30-46,69-70,99+
TMG 164+
TNV [33-68]81-116, 27-30
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TxU [159]65+
VBP 123+
VNM 1+

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ArU 21-22,31-33,121+
AzU 1-30,32-70,145+
C 1+
C-S 1-28
CL 1+
CLSU 5-66,134-37
CPT 31+
CSf 5-53,55-66,68,85+
CSfA [41]+
CSfM 1+
CSt 1+
CU 1+
CU-A 133+
CaB 1+
CaH 25-72,119+
CaK 2-96,98-123,25, 28,30+
CaL [17-64]

CaM [7-69]71-81,83-94,99-101,26+
CaON 1+
CaSU 119+
CaT 59+
CaTU 2-8,15+
CaV 5-15,18-23,107+
CaViP 1+
CaWU 91+
CoCC 18,54-59,81-89
CoD 7-62,65-112,15+
CoDB 74-75
CoFcS [65-72]+
CoG 58-62,73-76,81, 84+
CoU 1+
Ct 21-30
CtHW 17-134
CtU 3-104,40+
CtW 123-30
CtY 1-[37-56]-82,84-114
DA 113+
DBS 1+
DES 1-139,49+
DGS [38]45,53[54-55]-82,84+
DLC 1+
DM 4,6-7,9-89,91-99, 125+
DN [1866-1925]
DP 1+
DPR 113+
DSG 1-44
DSI-M 1+
DeU 1-134
DeWI 3+
FU 80+

GA 65-67,73-77,79,81+
GAT 81,83+
GU 19-20
H 20-24
IC 1-107
ICA 1+
ICJ 1+
ICU 5-38,53-147
ICW 1+
IEN 1-63,65+
IU 1+
Ia 1+
IaAS 1+
NbU 1+
NcD [3]11,16-61,143+
NcRS [7-64]-101,03, 17+
NcU 110+
Nh 8-10
NhU 57-84,87-96,141+
NJHoS 1+
NJP 1+
NJR 1+
NJT 111+
OC 11+
OCU 10,15-22,30-[55]-106,08,10+
OCl 1+
OClW 5-6,13-27,29-127
ODa 115+
OO 56-57
OT [5-29,61,64,95-121]+
OU 3+
OY 85+

OkS 67-72,139+
OkU [99-132]
OrCA 1+
OrP 31-61,77+
OrU 43-46,49-55,87-98,100[04-35]

IaU 1+
IdU 1+
InI 17+
InLP 11+
InTR 3-136
KMK 67-76,78+
KU 5+
KyL 27-37,41-43
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LNHT 39+
LNS 149+
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MB 1+
MBA 49-124

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MCM 1+
MH 1-[109-10]+
MMeT 29-110,12+
MdBE 1+
MdBJ 1+
MeU 27-49,52-69,72+
MiD 2+
MiDU 6,9-10,12-16,25, 47-51
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MiEM 15-19,21-[105]+
MiHM 1+
MiMiD 101[02-07]17+
MiU 1+
MnM 1-78,123+
MnS 8-12,44,51-57
MnSJ 1+
MnU 1+
MoFC 3-6,9-15,17
MoK 147+
MoS 1+
MoSW 3+
MoU 3-73,75-77,79+
MtBC 57-80,113+
N 1+
NB 1-78,80+
NBP 1-66,79+
NBu 50+
NBuG 1-18,20-99,100-[30]+
NBuU 83
NIC 1+
NN 1-[71-73]-[105]-[09]-[13]-[15]+
NNC 1+

NNCoC 143+
NNE 1+
NNQ 1-91,93+
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NTR 1+
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PPiC 143+
PSC 1-28,31,111+
PSt 1+
PU 1+
RP 3+
RPB 1+
TNV 1-2,4,9-69,71-140,43+
TU 3+
TxOM 1+
TxH 143+
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VBP [52-54]60,79-80,89+

VNM 47-51,77-88,93, 96-104
VU 1-[70]-[121]-23, 26+
VtNN 73-84
VtU 41+

PBL 1-122,24+
PEL 62+
PEr 19-112
PP 9+
PPD 53-93,106+
PPF 1+

FU 15-19,21-[25-28] 53,57-58,73,80+
GAT 1+
ICU 5-38,41-50,52-151
KyLU 147-[151]+
LU 1+

WM 1+
WU 1+
WaS 1+
WaU 5-22,85+
WvU 60-110,15-45,47

MdAN 17-18,27-32, 35-40,48-[124]-[131]-[134]139-[151]152
MiEM 5-7,9-10,15-[105]-[151]+
NNCoo 142+
WvU [51]-[53]60-110, 115-[151]-[154-55]+

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AAP [8-702]
ATT 81-103
ArU 65,79-86,88-93, 113+
Az [108-14,29]-[34-37]-[40]
AzU 51+
C 1-100,02+
CCC 52-[126]
CL 46+
CLSU [50-136]
CLU 28-33,35-39,41-[95]-[108-12]+
CPT 67,69-75,77-88, 99-[113-21]+
CSf 55+
CSfM 53+
CSt 4-5[15]+
CStoC 111+
CU 11-35
CU-M 117-19,22-27
CaB 65-68,86+
CaEU 99+
CaH 115+
CaK 48-51,53,55+
CaL 1932+
CaM 27-128,33-41
CaME 81,93+
CaMS 139+
CaOG 31-[46-47]+
CaON 47+
CaSU 138+
CaT 37-75,77-[125]-28,33+
CaTU 23+
CaV 24,28,41-68,73-79,81-97,107-29,33+
CaVIP 60+
CoCC 19-21,40-41,43-45,54-56,57,60-112, 22+
CoD 1+

CoDB [45]-[116]-[27-31]+
CoG 10-32,34-35,38-62, 64+
CoU 17,19,21+
Ct 16-17,21,24,30[42, 46-47]70
CtHT [91]-[95-97,114-15]
CtW 5-6,8-12,89-91, 93-97,99-112,39
CtY 1,9[10-11,15-17, 40-42[75-101]11-33
DA 12-13[27]-[57]-[60]-[134]+
DBS 93+
DES 27-32,45-60,106+
DGS 13+
DLC 2-11,13,17+
DM 79,89-95,99-101, 07+
DP 1-14,16+
DSI-M 20+
DU 53-68,70-130[34]
DeWI 81+
FU [79]95[102]+
GA 89+
GAT 57-60,66,83+
H 113-27,37+
I [113]-[21]
IC 15-17,20-[133]+
ICA 15-16,18-21,23+

ICJ 13-17,21-[105]-[12]+
ICU 18-[59]60,62+

ICW 8-17,32,50+
IEN 69+
IEN-C 101+
IU 1+
IU-M 93+
Ia 53-65,87-89,92,98-99,101-03,09-12,15-33
IaAS 16,18,21,24+

IaDm 61-66,89,117+
IaU 21-22,29-[38]-[40]+
IdU 55-85,87+
InI 15-16,95+
InLP [19-67]+
InNU [31-89]+

MCM [2-3]-[5,7]+
MH 13-17,55+
MH-BA [23-24,35]-49,51-[101]+
MH-Z 21[22,24-26]-92
MMeT 21-22,29-30,33-34,72-103,11,13+
MWA [6-7]-10,12-18, 20-45[48]
MWiW 99+
MdBE 41+
MdBJ 6,8,10+
MeB 66-68,70-71,79-86
MeU 76-102
Mi 89+
MiD 26,29-31,39,42+
MiDU 49,51-55,57-63
MiEM 75+
MiGr [79-140]+
MiHM [2-24]26-118, 20+
MiMiD 105-[35]41+
MiU 17-43,45+
MnM 55+
MnS 59-60,63-64,99+
MnSJ 2,7+
MnU 1+

MoK 61+
MoRM 17+
MoS 7+
MoSW 73-75,136,38
MoU 13-108,10+
MsSM [72-80]-102[05-14]16-[33]
MsU 81-83,131

MtU-M 25+
N 7-8,13-[17-18]21-[26]-30,32+

NB 8-10,13-16,19+
NBP 21-23,44+
NBu 65+
NBuG 13+
NBuU 81-91
NCH [25,51-113]-[34-36]+
NCaS 136+
NHC 79-80[83]85-92
NIC 21+
NN 1-[113]+
NNA [109-10]25-[33]
NNC 1+
NNCC 10+
NNCoo 15+
NNE 1+
NNQ 107-30
NNU-C 113-25
NNU-G 116-23,35+
NNU-H 117+
NR [119,21]+
NRU 113+
NSU [59-133]+
NTR 5-133
NbO 87-88,117+
NbU [49-68]70+
NcRS 45-53,55[71-80, 94-114]-20,25+
NcU 21-28,43,49-64 [67-110]+
Nh 66-67
NhD 1-36,39-42,45+
NJHoS 27-31,33,48+
NJP 21-24,27+
NJR 11+
NJT 109+
NmU [89-110]+

NvU 47+
OAU 78-81
OC 12,14-17,19+
OCU 70-[72,107-21]-[25-31]
OCl 13+
OClL 109-12
OClW 30-86,89-128
OClWHi 9-[12]
ODa 95+
OO [33,47-79]+
OT 18-78,89+
OU 1+
OY 121+
OkS 52,60,74-130,32-33,38+

InU 53-67,69+
KU 33,44+
KWI 130+
KyL 17,83+
KyU 20-26[55-67]69-[82-88]-96,105+
LN 79-104
LNHT [100]+
LNS 141+
LU 11-12,40-110[23]+
M 27-33
MA 1-54,133+
MB 1+
PPD 61-82
PPF 4+
PPT 52-96[113-134] 37
PPI 1+
PPiC 85-97,99-100, 29+

PPiM 86+
PPiU 89,101-02,10+
PR 128+
PSt 50+
PU 8,11-33,35,38+
RP 17+
RPB 51-54,61-63,103-09,11-19,21-[37]+
ScCc 75-78,81-[106]-[09]+
ScU 110+
SdRM 1-3,6,8+
SdU 110-23
TC 134+
TMG 85+
TN 133+
TNV [43]+
TU 45+
TxCM [74,76,78]-[83]-[108-09]-[11]-[14]-18,21+
TxDaM 124+
TxEM 33+

OkT 95-104,07-08,11+
OkTU [67-136]
OkU [1-5,19-100]08+
OrCA [53-58,63-64, 70]-[78-80]+
OrP 31+
OrU [39-40]59,69,71+
PBL 13+
PEL 13+
PEr 67-76
PLeB [107-08]
PP 8-[12]-[60]+
PPAP [8-9,24-29]
TxH [87-108]+
TxHR 17-26,47-57, 68+
TxU 17-19,51-[62]-124,26-33
UPB [110-32]
US [1-23]+

UU 18+
V 77+
VBP [52]-[54-55,74, 82-86]+
VLxW 117+
VR 130+
VtNN 75-84
VtU 75+
WAL 94-[99-100]-[18, 20]-[26,33-34]
WBB [77]-[95,115]-[19-20]-24
WM 51,53,56+
WU [21-35]+
WaS 9+
WaSp 70-128,30+
WaU 12-15,17-22,24-25,30+
WaWW 137-39
WvU 13+
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NNU 25,27[62-83]
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PPD 1-52,59-84
PPF 1-74
PPT 1-[16-33,59-61]-[76-83]
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PPiU 80-82
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PSC 11-17[40-58]
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RPB 2-84
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ScU 1-80
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CaSU 69-83
CaT 2-84
CaTU 7-[57]-83
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MeBa 49,51-53,70-83
MeU
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GAT 6,8-9,13-15,19, 21-59,61-74
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IaDmD 77-84
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NvU
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OCU 1-[60-68]-84
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OClW 1-70,72-84
OCo 1-83
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ODa [15-84]

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OkT 52-56,59-78,80-84
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AAP [57+]
ArU 18,25+
Az [114-22]
AzU 23,25+
C 2-43,51+
CCC [22-47]-[78-111]+
CL 15+
CLSU [31-48]+
CLU 46+
CPT 21-45,48+
CSf 39-58,60+
CSfM 4-7,10+
CSt 1+
CStoC [43+]
CU 2,4+
CU-A 71-[84-92]+
CaB 29,31+
CaEU 80+
CaH 25-50,75+
CaK 44+
CaM 1+
CaME [79,98]+

CaON 23+
CaSU 67+
CaT 23-41[50-53]-58, 62+

CoCC 10-12,21+
CoD 2-4,6+
CoDB 1-4[43-77]+
CoDU 19-66,78-79, 83[100-20]+
CoFcS 11[12]+
CoG 15-16,20+
Ct [16-58,74-118]+
CtHT 31-44,55+
CtHW 45-48,50-54
CtU [35-101]+
CtW 13-20,24-40,44, 49-71
CtY 1+
DA 23-[27]+
DBS 21+
DCU [66]+
DES 2+
DGS 1+
DGW 7+
DHU 88,100-[115-17]+
DIC 10-18,20+

DLC [1]+
DN [10-96]
DP 2[3]+
DPR [illegible]

PERIODICAL LOCATIONS

CaTU 17+
CaV 86+
CaViP 19+
CaWU 78+

DeU 19+
DeWI 11+
F [11+]
FJ [48-51]62+
FU 6+
GA 13,15-44,46+
GAT 15-[30-53]+
GEU 19-[64-89,106]+
GOU [37-80]
GS 104+
GU 23+
GU-A 122+
H 60+
I 56+
IC 3-[107]+
ICA 1+
ICJ 1+
ICL 3

ICU 4-69,78+
ICW 1+
IEN 3-4,9+
IEN-C [10-122]
IGK 3-6
IRA 39-64
IU 1+
Ia 12+
IaAS 2+
IaDm 34+
IaGG 73,78-91
IaU 1+
IdU [13-24]+
IdU-S [72-77]-103
InLP 7-10,12,15+
InNU 78-99,121+
InTR 13+
K [103]+
KHi 83-90
KMK 27+
KU [1]+
KWi 78+
KyL 4[17-114]+
KyLU [26-39]-77
KyU 13,15+
LN 52+
LNHT 31+
LNS 124+
LU [35-43]+
M [20-30]
MA 40-[56-66]-[77]
MAA 2-[88-92]102+
MB 4+
MCM [1-2]+
MH 4+
MH-BA 3-5,7+
MMeT 13-[87-121]+
MNF 2-87

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MdBE 2+
MdBJ 78-116,18+
MdBW 91-103,06
MeBa 64+
MeU 78+
Mi 78+
MiD 4,9+
MiDU 15+
MiDbF 73+
MiEM 7+
MiGr [21-123]+
MiHM 2+
MiMiD 81-83,86+
MiMu 69,71+
MiU 2+
MnM 24+
MnS 7+
MnSJ 13+
MnSST 105-19
MnU 7+
MoK 21+
MoRM 21+
MoS 4+
MoSW 7-104,06+
MoU 5+
MsSM 9-76,80+
MsU [43-81]+
MtBC 9+

MtU-M 45+
N 11+
NB 5+
NBP 21+
NBu 2,4+
NBuG 5+
NBuU 36-62,86,88
NHC [86]-104

NIC 1+
NN 4+
NN-M 9+
NNC 1+
NNCoC 7-53,55-63, 90+
NNCoo 54,66+
NNE 1-[3]+
NNN 31-51,53-[61-63,66]
NNQ 2-5,9+
NNU [110-12]
NNU-H 5-10,12,15+
NR 26+
NRU 11+
NSU [10-27]-100,02+

DSI-M [illegible]15-66[72-75]+
DWB 1887+
DWP 3+

NTR 6+
NbO 24-76,78+
NbU 5+
NcD 1-6,8+
NcRS [17-33]-78, 80+
NcU 5-61,63+
NdU 78+
Nh 19-[104-121]
NhD 1+
NhU [19-32]+
NjHoS 2+
NjP 19+
NjR 6-[12-14]+
NjT [33-47]+
NmScS 29-71,73-[117]+
NmU 43+

NvU 2+
OAU 45-71,78-95,97-113,16+
OC 4-7,25+
OCU 2,5-[76]+
OCl 2+
OClW 78-120
ODW 43-109[111-13]
ODa 80+
OO [17-21]-[76-112]
OT [4-18]-41,43+
OU 1+
OY [31-65]+
OkS 8-[54-62]+
OkT [76-86]+
OkTU [91-110]
OkU [68-122]
OrCA 5+
OrP 7,9+
OrPU 80-88[104-05] 14,16-23
OrU 12,14+
PBL 1-119,21+
PEL 13+
PEr [20-26,40-50, 75+]
PGC 1+
PHC 77+
PLF [120-23]
PLeB [49-82]+
PP 3-5,7+
PPD 57+
PPF 2+

PPT 11-[35-50]-76, 78+
PPi 2+

PPiC 70+
PPiM 20-24,30-77
PPiU 102-05,10+
PR 1-2,13-14,21-76, 90+
PSt 2+
PU 2+
PVC [55-98]+
R 41+
RP 2,4-5,7+
RPB 1+
ScCc [32-51]-76,78+
ScG [90]
ScU [73-109]+
SdB 8+
SdRM 2+
SdU 60+
TC [39-51]-76,108+
TMG 23+
TN 102+
TNV 1+
TU 5+
Tx 78+
TxCM 2-[64-94]+
TxDaM 47-73,76, 84+
TxH [47-83]+
TxHR 6+
TxLT [67-113]+
TxU 2+
ULA [80-118]+
UPB [53-106]
US [1-64]+
UU 5+
V 67+
VBP [8-16]+
VLxW 87-114
VR 93+

VU [8-29]+
VW 88-93
VtNN 6-14,16+
VtU 8+
WAL [58-78]-[108]
WBB [23-28]63+
WM 2+
WMaF [88-91]+
WU 1+
Wa 14,47-86,105-12
WaS 6+
WaSp 21-24[46-53]+
WaU 3+
WaWW 78-80[90-97] 118-21
WvU 6+

NSchU 3,5,11-107, 10+

AU [18-27]29+
CLU 4-8,13-28,33-38, 42+
CaV 84-85
CtU 18-20,25-[55]-[101]+
FU 78+
GAT 2-77
H 68+
KyLU 26-27,33-34, 39+
LU 7,19+
MdAN 41-75[85]

Wy [53-121]+
WyU 11+

MdU 18-128
MiEM 78-126,128+
MsU 13-28,37+
NNCoo 23-49,53-54, 56,60-64,66+
NSU 10-16,19-[27]+
OkTU [49-115]
ScU 73-74,78-97,99+
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KyL 54,59-75
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LNHT 38-75
LNT-M 7-18
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MdBE 5-75
MdBJ 49-75
MeU 5-75
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InI 95+
InLP 1+
InTR 1+
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KMK 149-58,223+
KU 1-114,16-18,20, 22+
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SdU 201+
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WM 1+
WU 116+
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WvU 1-[84]-166,68-74,76+
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NSchU

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CL [13]+
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CLU 36+
CPT 10+
CSf 26+
CSfM 16+
CSt 9+
CStoC 38+
CoCC 15+
CoD 13+
CoDU 13[14-15]-20, 26,30-32,34+
CoFcS [1-9]15+
CoG 12+
CoU 7+
CtHT [39]+
CtU 11-15,17+
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DBRE [16-17]+
DBS 1-[3-5]+
DCU 21+
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DGS 19-28
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DP 10+
DeU [9]10,12+
FU 12-[14]-22,25+
GA 19+
GAT 16+
GEU 23+
I 37+
ICA 6,8,10+
ICJ 12+
ICU 11-13,16+
ICW 9+
IEN 17+
IU 5-6,9+
IaAS [9]+
IaCfT 16+
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IdU-S 23-[40]
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InI 10-20,23+
InLP 10+
InTR 14+
KMK 17-[24]+
KU 1-5,7,10+
KWi [14-27]+
KyU [10-27]+
LNHT [12-13]-23, 25+
LNS 12+
LU 18-[35]+
MA [17]+
MAA 16-[23-24]25
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MCM 1-5,10+
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MdBJ 12+
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MeU 17+
MiD 12+
MiDU 18+
MiEM 16+
MiHM 27+
MiMiD 21-23,31+
MiMu 25+
MiU [9]+
MnM 19+
MnNC [30]+
MnS 9+
MnSJ 25+
MnU 11+
MoK 18+
MoRM 13+
MoS 10+
MoSW 10+
MoU 15+
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NB 17+
NBP 10+
NBu 17+
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CaB 15+
CaEU 32+
CaH 26+
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CaM 18+
CaON 13+
CaSU 24+
CaTU 13+
CaV 28+
CaWU 15+
NCH 14-18[22-23] 27+
NHC 44+
NIC 13+
NN 1-[4]-[7]+
NNC 17+
NNCoC [8]+
NNCoo 17,19+
NNE 1+
NNQ 15+
NNU 28+
NNU-H 18,23+
NPV 19+
NR 16-[20]-[26]+
NRE 19+
NRU 12-21,23+
NSU 12-25,27+
NSchU [6-8]-[15]+
NStC 34+
NTR 11+
NbO 28+
NbU 16+
NcD 12-14,16+
NcRS 12+
NcU 13+
NdU 17+
NhD 10,12+
NhU 11+
NjHoS 10+
NjP 15+
NjR 1+
NjT 18+
NmScS 18-[22]+
NmU [22-33]+
NvU 13+
OAU [13-24]-39,41+
OC [15]+
OCU 10+
OClL 17+
OClW 36+
ODa 29+
OO 16-[20-30]+
OOxM 17+
OT 13+
OU 5-15,17+
OkS 18+
OkT 29+
OkTU 27+
OkU 18-38
OrCA 11+
OrP [9-15]+
OrU [9-37]
PBL 1+
PEL 15+
PLeB [9]-[31-32]+
PP 1-[6]+
PPD 12,26+
PPT 1+
PPi 12+
PPiC 12+
PPiM 17+
PPiU 16-41
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PSC 13+
PSt 3-4[10]+
PU 12+
PVC 38+
RP 17+
RPB 18+
ScCc 29+
ScU 12-32
SdRM 24+
SdU 17,22-38
TC [29-38]+
TNV [15-30]+
TU 13+
TxCM 10+
TxDaM [25,27]38+
TxHR [8-9]+
TxLT [28]+
TxU 14+
UPB 32+
UU 14+
VLxW 39+
VR [33]+
VRM 33+
VU 5+
VtNN 22+
VtU 16+
WM 1+
WU 1-7,12+
WaS 9+
WaSp 15-16,18+
WaU 8+
WvU 15+
WyU 23+
MdAN [19]-[29-30]+

Az [30-43]
CLU [16]19[20-21]22, 28,34+
H 46+
IaU 12+
KyLU 29-33,35+
MNS 15-35
MWhB 1+
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HARPER'S WEEKLY MAGAZINE 1857-1895
HARPER'S NEW MONTHLY MAGAZINE 1852-1899

These two magazines are widely held in libraries on microfiln A library having one will usually have the other, and therefore list only one set of locations, those for the Weekly.

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MANUFACTURER'S RECORD 1895-1916

There are surprisingly few locations having this magazine. Th Center for Research Libraries in Chicago has all.

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SCIENTIFIC AMERICA 1845-1930
SCIENTIFIC AMERICA SUPPLEMENT 1876-1919

Most libraries having one have also the other. I give the original magazine's locations.

AAP 70-76,78+
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CCC 3-nsv30,60+
CL 1+
CLSM 150+
CLSU nsv3-9[34-77]122+
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CSf 2-13; nsv1+
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CSfM 2-nsv61,63-65,67+
CSjC 112+
CSt 1+
CStoC [70-71,113-16,18-34,37]+
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CaEU 45+
CaH nsv1-49]100+
CaK 69-109,20-[42-45]+
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CaM nsv1+
CaO nsv1+
CaOA 86+
CaOG 92,97[99-107]-29-32+
CaON [42-65]94+
CaSU nsv132-56
CaT nsv1+
CaTR 110-45
CaTU 64-[69-75]137-45,50+
CaV nsv13[15]-35,37,54-57,71,82-87,128+
CaViP [30]+
CaW 82+
CaWU 84-88,106-36,54+
CoCC 3+
CoD 2+
CoDB 1+
CoDU 101+
CoFcS 5; nsv38-43,47-50,55+
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CtHW 52-59
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CtU nsv1-[6]-122,24+
CtW 5-9-nsv1-9,11+
CtY 1+
DA 2+
DC 109,12,14-48,50-51,53+
DCU 140+
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DGU 28-90
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LNX 145+
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DP 1+
DSG 14-nsv29,42-61,75-[120]+
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FJ 2-nsv161
FTS 128+
FU [11-14]nsv[1-4]96+
GA 2; nsv19-[32-39]-45,48-49,86+
GAT 7-nsv10,12-51,60,73,76+
GDS 146+
GEU nsv1-51,54-57,66-119,22+
GHi 7,10-nsv2,18-49
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GMiW 133+
GOU 110+
GS 120+
GU 21,23,34+
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IC 1+
ICA 1+
ICF nsv8-12[28-75]78+
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ICJ 1+
ICL 28+
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ICP 126+
ICU 1+
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IaU 8; nsv1+
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IdU-S 92
InI 2-13; nsv2+
InLP nsv1+
InTR 1+
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MBAt 5+
MBP 142+
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MH-O 104+
MMeT [3]-nsv35,48-144,46+
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MNS 1-5,7,9-nsv55,58-140,42+
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MWA 1-nsv[64-84]86
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MWH 52-119,22,25+
MWelC 107+
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MWiW nsv100,02+
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MdBE 1+
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Me 10-11; nsv[illegible] [40-42]76+
MeB 84+
MeBa 5-nsv1-25,32-39,42-47,51,56+
MeP 4-5-nsv1+
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MiMu nsv1-14,16+
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NBC 82+
NBP 2+
NBu 2+
NBuB 48-60,136+
NBuG 4-nsv146[47]+
NBuU 82-98
NCH 9[16-69]72+
NCaS 1+
NHC 3-nsv9,11-13,15+
NIC [1]-11; nsv1+
NN [1]+
NN-M 1+
NNA 1+
NNBG 120-24
NNC 2+
NNC-T 74-141
NNCoC 70+
NNCoo 4-9,11-nsv25,28-35,37-40+
NNE 2-nsv[34]+
NNF 149+
NNM 2+
NNN [16-161+]
NcRS nsv1-16,92-150,52+
NcU 2+
NdU 57+
Nh [1]14; nsv1+
NhD 2+
NhU 2-10,12-13; nsv2-7,9-14,67-68
NjHoS 1+
NjMD [10-11]nsv1-9,30-[38]-[43]+
NjP 2-nsv[1-67]96+
NjR [3-4]+
NjT nsv1-2,5-8,84+
NmScS 65+
NmU 90+
Nv 80-131
NvU [24]+
OAU 68-114,16,19,21+
OC 4+
OCL 126-41
OCU 6-nsv[65]-[70-81]102+
OCX 23+
OCl 2+
OClW 1+
OClWHi 3-11,40-51[75]
OCo [1-33]82+
ODC nsv1+
ODW 3,5-6,9+
OHi 13-14
OMC [illegible] 10]16-[47,56-186]92+
OO 2[3]5+
OOxM 6; nsv8-55,65-67,86+
OT 3-nsv[51]-85,87+
OU 9+
OY 35,37-39,41-52,54+
OkS 69,72-101[03-14]16+
OkT 100-01,14+
OkTU [124+]
OkU [88-100,28-57]+
OrCA 2+
OrP 1-2,15-23,30+
OrPR 81-82,84-93,99-102,07-50
OrU 5,9-10,12-nsv1-[15-151]+
PBL 2+
PBm 111+
PCC 102+
PChW 96-161
PEL 12-nsv11,15+
PHC 5-11; nsv4-5,24+
PHuJ nsv66-75,81+
PLF nsv16-18[50,65-124]+
PLeB 3-13; nsv1-21,28+
PMA 13-nsv[39-104]07+
PP 2-nsv13,15+
PPAP nsv6-25[125]+
PPD 66+
PPF 2+
PPHi 9-nsv9,16
PPL 1+
PPT 2-3; nsv1,4-14[17-49,58-61]69,84+
PPi 1+
PPiC 126+
PPiM 108+
PPiU 22-26,44-45,76-[98-118]+
PR 14; nsv1-47,49,55-60,62+
PSC 3+
PSt 7-nsv6,8,10,16+
PU 12; nsv1-149
PVC [134-56]
R 148+
RP 1+
RPB 1-9; nsv1-63,66,81-86+
ScCc [75-85]+
ScClP [122]+
ScU 1+
SdB 31+
SdRM 1+
SdU 69+
TC [73-101]26-31]+
TKL 68+
TMG 82+
TN 5,18-19,22-49,52-63,66+
TNF [88-122,28-55]+
TNG 2+
TNV 2; nsv1-7,19-22 47,56-69,100-03,34+
TU 1-102,04+
Tx 50,103+
TxCM 3-nsv[30]-[63]+
TxCaW 110+
TxD [97-10[illegible]-[15]+
TxDaM [illegible],12-17,19+
TxGR 1+
NNU 27-58,84-87,105-20,22+
NNU-C 112-15,18-40,58-59
NNU-H 8-10,12-23,64+
TxU-M 80-127[29-32,56]
TxWB 1-4,9-14,21,39,44-45[68-147]
ULA [72-88]116+
UPB [12-21]-[69-70,84-87]+
US [1-37]+
UU [61]+
V 38+
VBP [18-30,36,48-119]+
VLR 126+
VLxW 100+
VRM 47,64+
VU 4-nsv92,111+
VW [95]+
VtMM 5-10,82-136,38+
VtNN 6-7,9,13-nsv4[16-45]53-59,76-77,82+
TxH 17,32,46-47,82+
TxHR 4-nsv19,40-41 44-45,98+
TxLT 154-57
TxU 14; nsv25,52-6 71[79-92]107+
VtU 4,9-10,12-13; nsv1-5,8,30+
WAL 68-157
WBB [21-47]+
WHi 1-nsv[91]-[95,101]
WM 2+
WU 6[55-59]65,68+
Wa 6,35-37,40-41,82
WaS 2+
WaSp nsv1-24,26-40 42-60,64+
WaU 4-12,14; nsv1-36,38+
WaWW 32-33,61,80+
WvU 9; nsv18-23,3 33,50-107,12+
Wy 119+
WyU 60+
VHS 136+
ViRUT c189[illegible]+
AU 4-14; nsv6,8,18-34,40,64-[103-34]+
CLU 5-14,20-21,48-49,52-53,56+
CaSU 132-56,168+
CoGrS nsv21-69,72+
CoLH 143-[150]152-[166-67]+
DeWI 2-3,5+
GAT 7-nsv10,12-46,48-55,58-74,76+
GU 15,21+
IaAS 5+
In [5-6,11]nsv14-15,18-19,58-83,86+
InCW 1-31,41-45,48-87,90+
InNU [1-155]+
MBtS 90-113
MdAN 6-nsv7,22-32 80,83,85,88,96+
MeLB 7,nsv101+
MiEM 21-26,31[32]3 42+
MoU 2+
MtU-M nsv166+
N 1+
NAW 158-63
NNCoo 142+
NNN 6-7,nsv1,4-5,8-11,15[16-165]170+
NNQ 1+
OU 3-11; nsv1+
PPP [4-41,157+]
TxDN nsv65-66,86-99 101[104-05]-110[115,120-23]-[131]-[152]+

SCRIBNER'S MONTHLY MAGAZINE 1871-1881
SCRIBNER'S MAGAZINE 1887-1910

AAP
ABS 35-36
ATT [7-67]69-105
ArU
AzU
C
CL
CLSU
CLU
CMC
CSd
CSf
CSfA 13,19
CSfM
CSmH 1-[81-102]-[05]
CSt
CStoC
CU
CU-A 36-61,71-105
CaB
CaH
CaK 1-2,6
CaL 1-[33-68]-[88-96]-[101-05]
CaLP 1-2,21,27-102,04-05
CaM 1-28[37-45,86-105]
CaO [5-29]38,54,57-105
CaSU [57-91]
CaViP 52-105
CoD
CoDU 1-10,17-18,47-105
CoFcS
CtHC [1-93]-105
CtHT 1-[41-78]95-[103]
CtHW 1-6
CtNlC
CtU
CtW
CtY
DCU 77-105
DGU 1-40[42-89]95-99,101-04
DGW [1-61,101-04]
DLC
DN 1-40
DWP 1-104
DeU
DeWI 1-104
FJ
FTS 1-30,35-105
FU
GA
InNhW
InS
InSt 3-9,89,97
InTI
InTR 1-31
InU
K
KHi 1-63,65-68,
KMK 1-33,35-1
KPT 1-53,55-1
KT 1-[105]
KU
KWI
KyBB 1-104
KyBgW
KyL [3-35]37-9
KyRE
KyU
LN
LNHT
LNX 1-27,69-105
LU
M
MA 1-31,33-105
MAA
MB
MBAt
MBC
MCM 13-14,17-105
MH
MMeT
MNF
MNS 1-101
MNoW 21-105
MPB
MSM
MWA 1-[26]-[29-87]
MWC
MWH 1-103
MWelC
MWiW 1-101
MdAN
MdBE
MdBG
MdBJ 1-[95-96]-[98]99[101]
MdBP
Me
MeB
MeBa
MeLB
MeP 1-49,54-105
MeU
Mi
MiAIC 7-105
MiD
MiDM [1-105]
MiDU

GAT 6-12,14-16,23-25, 29-105
GDS
GEU
GHi [1-18,22]
GMM 1-29[35-62]64-100,04-05
GU
H
I
IC
ICA
ICHi 1-17

ICN
ICP 1-64,73-93
ICR 1-90,[101]
ICU
IEN
IEN-C 1-[21-92]-105
IEN-M 2,23-24,26-29, 31,33-35
IGK 1-53
INS
IRA 1-27,29,31,33-105
IU
Ia
IaAS
IaCfT
IaDm
IaDmD 2-[101]-[03-05]
IaGG
IaU

IdU
IdU-S 37-79,81-105
In
InCW
InE [11-54]-[100]-05
InFC 1-67
InFw 1-31,33-105
InGD
InI
InIB 1-7,9-10,12-39 [81-92]-105
InLP
InNU
NNU-H 2-105
NPV
NR
NRCR
NRU
NSU
NSchU 2-105
NSsS
NStC
NTR 78-105
NWM
NbO
NbOC
NbU
Nc
NcD
NcGW
NcRS 1-15[17-41]43-102,05
NcU
NdU
Nh
NhD

NhM 1-[70]-[75]-[101]-105
NjMD 1-29,31-56,66-105
OMC 1-16,18-25,27-78,80-105
OO
OOxM
OT
OU
OWC
OY
OkEP 20-[22]47-[105]
OkS
OkT
OkTU 67-105
OkU
OrCA
OrPR 1-2,5-22,25-28, 47-[61]62,65-[93-105]
PBL
PBfG 1-34,50-105
PBm
PCC
PCaD
PChW 1-2,15-105
PEL
PEr
PHC
PHuJ 35-105
PLF
PLeB

AU 1[2]-105
CSjC
CaT
CaV 1-41,44,61-105
CoGrS
GAT
MeP
NNF
NStC

MiEM
MiGr
MiMu
MiU
MnCS [1-67]69-105
MnM
MnS
MnSH
MnSSC 1-10,17-20, 37,58-64,65-105
MnSST 1-30,67-105
MnU
MoFC
MoK
MoS
MoSC 2,4-9,11-21,23-25
MoSW
MoU
MsAM 89-[91-92]-94
MsSM [7-56]-104
MsU 1-50,52-105
MtBC
MtU
N
NAW
NAnB
NB
NBB 1-22
NBC
NBP
NBS 1,78-105
NBuG 1-87,89-[95]-105

NBuU
NCH
NHC
NIC
NN
NNC
NNC-T
NNCoC
NNCoo 1-[101-02]-[05]
NNQ
NNS
NNU 1-[43-75]79-105
PP
PPAN
PPHi 1-16

PPT
PPi
PPiU 1-[21]-52[54-75]-105
PR 1-62,64-105
PSC
PSt
PU
PVC 25-105
PWW
PWb
PWcT 2-105
RKS
RP
RPB
ScClP 4-7,9-16,21-22 [84-92]
ScG 55-56,65-105
SdB

SdRM 45-50,75-105
SdU

TC
UU
V
VBP
VHaI
VLR
VLxW
VNM 1-9,16,38-54
VR 1-2,69,105
VRT 1-6,11-12[23-86]-105
VRU 1-21,29-34,38-39,41-105
VU 1-[56-67]-[105]
VW [1-33]47-105
VtMM
VtNN 1-33,35-80,82-105
VtU
WAL [1-32]69-105
WBB
WHi
WM
Wa
WaS
WaSp [1-105]
WaU
WaWW
WvU
Wy
WyU

NjT
OrU
PMA
PPI
ScU
TxCM
TxWB
VW 1-21,23-105
WAL [1-65]67-105

PROFESSIONAL SOCIETY PUBLICATIONS

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS
TRANSACTIONS 1884-1933

AAr [11-20]+
AzU 1-2[4-16]18+
C 6+
CCC 26-40,44-54
CL 1-52
CLSU 13,15,21,22,24+
CLU 23-45
CPT 2,4+
CSf [18-26]-45,49+
CSfM 1-4,10-41
CSt 1+
CU 1+
CaB 25+
CaEU 33[39]-52
CaL 12,18-19[26-29]-[32-42]
CaM 2,4-6,8+
CaME 6+
CaON 18-48,52+
CaSU 1-32[34]39+
CaT 24+
CaTU 1+
CaV 24-26,30-39
CaVIP 1914-27
CaWU 1-[31]+
CoCC 1-2,11-52
CoD 1-51,57+
CoDU 26-44
CoG [1-4]+
CoU 1-54
Ct [10-12]23-39
Cy
CfHT 2,4[18-54]
CtHW 10-27
CtU 53
CtW 11,13-19,21-41
CtY 1-40,44
DBS 1+
DES [5-48]+
DGW [20-53]-[57]+
DIC 8-25
DLC 1+
DN [1904-13]
DP 1-2,4+
DeU 1-2,4-8,10+
DeWI 7-39,43
FU 5-6,8+
GA 25-34,38-47
GAT 2,4+
GHi [10-28]
[illegible]56+
[illegible] 1-36
[illegible] 1-2,4+
[illegible]RM 1+
MoB 1-2,4-[23-43]+
MoSW 1-2,4-5,8-55
MoU 1-2,4-6,8+
MsSM [19-39]58+
MsU 21-39
MtBC 6-40,42-46

MtU-M 21-39
N 1-52
NB 1-2,4,8,10-52
NBP 1-2,4-5,8+
NBu 5+
NBuG 1-[52]
NBuU 11-40
NIC 1-52

NN 1+
NNC [1-2]4+

NNCoC 2,4-5,8-52, 55+
NNCoo 1-52
NNE 1+
NNQ 17-[27]-35
NNU 1-46
NNU-H 19+
NR 2,5,8,10+
NRE 28-51
NRU 1-2,4-6,8-52
NSU 1-2,4+
NSchU 1-3,10-39,49-[illegible]67
NTR 1-52
NbU 5+
NcD 10+
NcRS 1-53
NcU 1+

NdU 1-2,4,10-52
NhD 10+
NhU 2,4-6,8+
NjHoS 1+
NjP 1-5,8-52,57
NjR 1+
NjT 5,7-41
NmScS 17,27-[38]-[49]+
NmU 19,21+
NvU [14-17,23-29, 43]
OAU 19-50
OC 1-38
OCHP 3
OCU 5-[71]-53

ICJ 1+
ICU [6]26-46
ICW 1+
IEN 8,10-52
IU 1-2,4+
Ia 1-5,9-52
IaAS 1+
IaDm 27-39
IaU [1-8]-[51]52
IdU 10-[34]-44,51+
InLP [1-5]+
InNU [1-40]+
InU 22-66,69,71-75
KHi 1-5
KMK 8+
KU 2,4+
KWi 15,17-18,20
KyLU 20+
KyU 5+
LN 24-29
LNHT [1-20]47-51
LU 15-46,55+
MA 1-30[33]-[35]39
MB 1-[30-52]
MBA 1-[50]-54
MCM 1+
MChB 9-39
MH 1-52
MH-BA 5[8-20]-[41-53]
MMeT 2,4,8+

MdAN 10-19
MdBE 1-42,44-45
MdBJ 5+
Me 1,6
MeU 1+
MiD 1-2,5-46,57
MiDU 5-52
MiEM 1-52,54+
MiGr [1-52]
MiHM 1-2,4-5,8+
MiMu 11+
MiU 1-2,4+
MnM 1-2,5-46
MnNC 28-39
MnS 26-39,41-44,47-[50]
MnSJ 1-6,8+
MnU 1-2,4+
MoFC [5-18]-40
MoK 24+
OkS 10-14,16,19+
OkT 50+
OkTU 49+
OkU [32,34 45,47]
OrCA 1+
OrP 1-24,26-52
OrU 1-2,4-5,8-42
PBL 5-[29]+
PCaD 30-39
PEL 10+
PEr 38+
PHC 4,8+
PLF [19-30]-39
PLeB 2,4,10-45,53
PP 17-52
PPAP 1-2,4,8-40

PPD 11-39
PPF 1+
PPT 11-[34-46]
PPI 1+
PPiC 13+
PPiM 27-35,37-39
PR 18-40,42-50,53-56
PSC [2-56]+
PSt 1-[51]54-55
PU 1+
PVC 37-38,52,56+
RP 2,4+
RPB 6,10+
ScSc 19-46
SdB 10+
SdRM 1+
SdU 23-50
TMC [32,50-52,57+]
TMG 23+
TNV 1-51
TU 2,4-5,7+

TxCM 1-2,4-6,8-[47]-[52]+
TxDaM 2,4,10-14,19-52
TxH 30-[33-34]-36
TxHR 1+
TxLT 18-[43-56]
TxU 1+
US [1-24]-[53+]
UU 2-52
VBP [12]14-52
VLxW 11-46
VNM 7-35
VR 8-16
VU 1-6,8-52
VW [illegible]

OCl 1-52
OClL 1+
OClW [10-43]
OCo 10-43
ODa [31-57]+

OU 1-2,4+
OY 19-39,44

AU 1+
ArU 6-41,43+
CLU 19-21,23-51
CoFcS 22,24[29-30]-39
CtHT 15-[17]-[47]-54
IaU 1-2,4-5,7-53,56+
InI 17-41,43-45
MB 1-[39]47-52
MdAN 10-28,37-39, 43-52

VtNN [1-40]43-52
VtU 1+
WM 1-5,8-52
WU 1+
WaS 1+

WvU 1-55
WyU 1-2,5,8,10-52

MdU 20-22,24-49
OT 11-13,23-38
OkTU 19-31,34-36, 38-40,42,49+
PEL 1,5+
TxCM 1-2,4-6,8-[52]+
VBP 10+
VW 5[8]10-[20]21, 25,29-46,53-55
WyU 1-2,4-5,8,10+

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS
PROCEEDINGS 1882-1919
JOURNAL 1929-1930
ELECTRICAL ENGINEERING MAGAZINE 1931-1960

AU [24-56]+
Az [49-50]
CSfM 26+
CtU 26-35,37-38,49+
KyLU 40-41,43+
MdAN 39,41-42,44-61
MdU 50-60
MiEM 33+

AAP [50]+
ArU 24+
AzU 34+
C 30+
CL 24+
CLSU [28-55]
CPT 39+
CSf 26+
CSfM 30+
CSt 24+
CU 24+
CaB 39-51
CaEU 42+
CaM 24,26-[50-52]+
CaME 39+
CaON 48+
CaTU [28-38]44
CaWU 50-51,53+
CoCC 39-48,50+
CoD 24+
CoDU 35-36[42-49] 57+
CoFcS 29-36,42,46+
CoU 40+
CtHT [33]36
CtU 49+
CtY 24+
DBS 24+
DES 24-32,37-38, 48+
DGW [50-57]
DHU 55+
DLC 24+

DP 24[25]26,28, 30+
DSI-M 24+
FU [26]-28[35-40]-[48]-[52]-[57]-
GAT 24[25-32]-35, 38,40-42,48+
GU [50]51
H 52-53
ICA 50+
ICJ 24+
ICW 39+
IEN 48+
IU 24+
IaAS 24+
IaU 24+
IdU 24-[34-35]-[48, 51]+
IdU-S [36]-38,40+
In 49+
InI 32+
InLP 24+
InNU 41+
InU [27]-31,33[34] 38[39]
KMK [50-52]-56
KU 39+
KWi 42-50[53-54,57]
KyU 54[55-57]
LNHT [58]+
LU 28-33,35,37+
MA 53+
MB 30+

MCM 24+
MH [27-30,40-41]+
MH-BA [54+]

MdBE [26-27]+
MdBJ 50+
MeBa 40+
MeU 40+
MiD 32+
MiDU [40]-[51]+

MtU-M 50-59
NStC [50-53]57-59
ScU [49-55,59-61]
ULA [54-56]+
WaU [27-28]-[36-37] 39+
WvU 48-52,54+

N [24-29]-[39, 1+
NB 39+
NBP 41+
NBu 30+
NBuG [48-49]
NBuU 33,51+
NIC 24+
NN 24+
NNC 31+
NNCoC [36]39+
NNCoo 39+
NNE 24+
NNQ 50+
NR 34+
NRE 50+
NSU 24-43
NSchU [50-54]+
NbO 50+
NbU 39+
NcD 42,44-45,58+
NcRS 39+
NcU [39-40]50+
Nh 34-37
NhU 38-39,41-43
NjP 24+
NjR 30+
NjT 24-29,32+
NmScS 53[54]57
NmU 39+
NvU 24+
OAU 39+
OC 39+

OCU 37,39+
OCl 24+
OClL 39-43
OClW 25-27,37
ODa 47-52
OT 24+
OU 24-[55]+
OY 47-49
OkS 41,44-45,47-50, 56+
OkU [39,41-47,51]+
OrCA 30+
OrP 25+
OrU 29[30-31]-[35]
PLF [24-32]
PLeB 39-[52]58+
PP [24]+
PPAP 24-[45,48]-52
PPD 30-37,39+
PPT [26-57]
PPI 24+
PPiC 50+
PPiM [40-50]
PSC 53
PSt 39+
PU 25-31,3[illegible]
PVC 53,56+
PWbH 54+
RP 24+
RPB 24-[26]-35,38-39, 41+
ScCc 52+
SdU 30-31,39-45,47-51

TC [51-52]-[54]-[56-57]
TNV 24-28,30+
TU 24-30,36-37,39+
TxDaM 39+
TxH 59+
TxHR [44-51]+
TxLT 42,45-[50]+
TxU 33[44-45]46,50-[53]+

MiEM 39-[49]+
MiMiD 53+
MiMu 50+
MiU 30+
MnM 30+
MnS 39+
MnSJ 24+
MnU 24+
MoK 25+
MoRM 43+
MoS 24+
MoSW 50+
MoU 39+
MsU 47-49
MtBC [29]-31,36[37] 38,40+

ULA [57]+
UPB [33-34]
UU 39,45-49,52+
VBP [24]-[27]-[33]+
VU [26-29]-[46]+
VtNN 24-[29-37]39-42,50+
VtU 50,52+
WM 39+
WU 24+
WaS 24-25,33+
WaSp 27-38,48-50, 53-57
WaU 39+
WvU 54-56

AMERICAN SOCIETY OF CIVIL ENGINEERS
TRANSACTIONS 1872-1960

AAP [41-68]-[70-72]-[75]-[78-79]-[81]-[83-91]+
ArU 9,11,15+
AzU [2-13]15+
C 1+
CCC 61-103
CL 1+
CLSU [20-35]39+
CLU 1+
CPT 5+
CSd 68+
CSf 20-21,23[24,25]-[28]-[34]56+
CSfA 85
CSfM 1-91,93-96
CSt 1+
CStoC [21-34]
CU 1+
CaB 26+
CaEU 47-70,73+
CaH [15-63]
CaK 1+
CaL 18,80
CaM 1+
CaME 1-74
CaON 9-92
CaSU 67-70,89+
CaT 1-33,64-93
CaTR 13-34
CaTU [6-8]11+

CaWU 1+
CoCC 5-10,15-61,75, 77-95
CoD 10+
CoDU 25-44,59-101
CoFcS 9,11-13,15-16, 18-19,22+
CoG 1+
CoU 1+
Ct 16-82,87+
CtHC 35
CtHW 60-80,82-86, 88-89
CtU 30-96,98,100+
CtW 12-30,35-36,38-96
CtY 1-101,103+
CtY-F [85-93]
DA 14+
DBS 6+
DCU 77+
DES 1+
DGS 1+
DGW [28-32]-[35-96]-[100-03]
DIC 1+
DLC 1+
DM 70
DP 1-94
DSG 1-35
DWB 36+
DWP 26+
DeU 32+
DeWI 42+

FU 9,15-17,19-20,24, 27,35+
GA 43-50,52,54-55,62, 78,80-82,85-88,90-93, 95
GAT 11,13,17+
GU [1-92]
I [45-81]
IC 1-46,93
ICA 2-5,7-13,15-17, 19-20,22-27,29+
ICJ 1+
ICL 9,15-17,19-20 [24-41,49-50,61-92]
ICU 3-5,7-[10,13-14]-[18]-[21]-[33]-94
ICW 1+
IEN 9,13-96,98-99, 102+
IU 1+
Ia 1+
IaAS 1+
IaU 1+

IdU 5,9-11,13+
In 2-96
InLP [1-14]+
InTR 8+
KMK 15+
KU 1+
KWI 41,43-44,49,60-75,77,81-84
KyL 5,7,9,15-62,64-70,72-76,78-79
KyLU 38+
KyU 3+
LNHT 1-99,101+

MnS 6-34,45-87,89-91, 93+
MnSJ 3+
MnU 1+

MoK 1+
MoRM 33+
MoS 1+
MoSW 1-30,32-96
MoU 1+
MsSM 1+
MtBC 1-88,90-98
MtU 43-80
N 1+
NB 1,8+
NBP 15-104
NBu 15+
NBuG 1+
NHC [1-3]6-59
NIC 1+
NN 1+
NN-M 20+
NNA 75-84,86-87,89+
NNC 1+
NNCoC [6]7,9-15,17-81,83-96,98-102
NNCoo 15+
NNE 1+
NNQ 1+
NNU 9-35,37,39,41-89,92-96

89,92-96
NNU-H 1+
NR 13-88,92-96,98+
NRU [1,4,8-9,11-14, 18,21]-102
NSU 14+
NSchU 1-83,35+
NStC 97-103
NTR 1+
NbU 1+
NcD 3,6+
NcRS 9-13,16-17,19, 21,23,25+
NcU 1+
NdU 1+
Nh 83-85
NhD 1+
NhU 8+
NJHoS 1+
NJP 1+
NJR 1+
NJT 28-93
NmScS 43-85,90
NvU [58-91]
OAU 40+
OC 1-35,40,42,44-96
OCU 1-82,84+
OCl 1+
OClW 18-26,28-33,35, 37-70
OClWHi [12,14-16,18-19,23,26-30]
ODW 38
ODa [83-84]-[86-89]-[93-94]+
OO 24-25[30]42-[54]-89,91-96
OT [9]13+
OU 1+
OY 40-104
OkS 1-91,98
OkT [65,67,69,71,82]
OkTU 82-86
OkU 1-97
OrCA 1+
OrP 2[+]
OrPR 92+
PBL 1+
PBfG 51+
PEL 5-97,99+
PEr [41,43-100]
PHC 79-96
PLeB 66-75,97-99
PMA 89,93-101
PP 1+
PPD 9[15-47]49+
PPF 1+

PPT 85-103
PPi 1+
PPiC 60-83,90-91, 103+
PPiD [14-15,23,26]
PR 65-91
PSC [4-50,61-89]+
PSt 1+
PVC [79-103]
RP [1]-98
RPB 1+
ScCc 1878-94,97-99, 1902-25,27-32

LU [9]13-99,101-02
MAA 21-43,45-53,66-68,70-73
MB 1+
MBA 7,25,27-82,85-87
MCM 1+
MH 1+
MH-BA [3-4]7-[11-12]-88
MdBE 16+
MdBJ 1+
MdBP 1-77
MeU 1+
MeWC 14-42,57-60, 62-82
Mi 78,80
MiD 3+
MiDU 10,18+
MiEM 1+
MiGr [1-105]+
MiHM 1+
MiMu 22-77,89+
MiU 1-101
MnM 1-40,62-69,70-83,91

WM 1+
WU 1+
WaS 1+
WaSp 15-45,47,49-70

AU 10+
GAT 1+
GEU 18-103
InI 48-96
K 12+
MsU 19-20,22,24,26-32,34-35,41-105

SdB 23-31,35+
SdRM 1-87,89-90
TMG 43+
TNV 1+
TU 1-[7-8]+
TxCM 1+
TxDaM 45-62,64-71, 73-80,82+
TxH 66+
TxHR 1+
TxLT 56-60,62-63,67, 71,74,76-87,89+
TxU 2+
ULA 18-47
US [1-34]-[50-51]-91
UU 1+
VBP 8-13,15-17,19-20,24-25,27,34+
VLxW 5-102
VR [23-32]
VU 7+
Vt 86+
VtNN 1+
VtU 1+

WaU 1+
WvU 8+
WyU 1+

MtBC 1-88,90-102
ScU [76]94,96,100+
ULA 18-47,49-57,59-102
VBP 2,4+
WvU 8-101,105+

AMERICAN SOCIETY OF CIVIL ENGINEERS
PROCEEDINGS 1875-1929
CIVIL ENGINEERING MAGAZINE 1930-1960

ArU 2-5 7-8,12-15, 19+
C 1-22[29,38-65]
CCC [39,54]55,57+
CL 1+
CLSU [25]+

CSd [1919-22]+
CSf 17-21
CSfM 1-44,46+
CSt 1-[23-30]-[33-34]-[55-56]-[58-59, 61-62,64-65]
CStoC [15-47]64+
CU 1+
CaB 35-40,43-44,46-49,51-52,56+
CaEU 39-40,48-53
CaH [12-39]
CaK [2,14-16]27+
CaM 1-12,33-47,49+
CaME 35+
CaON 12+
CaT 10-14[43]
CaTR 10-46
CaTU 8-9,17-18,22 [23]-[31-36]38-[40]-[54-60]+
CaV 55+
CaWU 37-42[46-48]-[54]+
CoCC 20,26,52-61
CoD 1+
CoDU 24-32,36-43 [56-62]
CoFcS 1-50,52+

CoG 1+
CoU 1-38
Ct 13-47,49+
CtU 63+
CtY 1-[53]-[62]+
CtY-F [56,58-60]
DA 11-25,27+
DBS 1+
DCU 40

DES 1+
DGS 1+
DHU 54-64
DIC 1+
DLC 1+
DP 1+
DSG 1-23
DWB [23]25-48
DeU [22-31,40]-[42-44]-[47-48,56]-[62-64]
DeWI 40-[53,59]
FU [21,32-33,35]+
GA [26-57]
GAT [27-46]
GEU 26-[31-35]-[38]-[40-41]
GU [21-57]
I 44+
IC 1-21
ICA 1-2,19,30,45+
ICJ 1+
ICL [22,24-25,39-43]
ICU 1-[6-13]17-[43, 52-56]-[58-65]
ICW 1+
IEN [10,19]-28,30-50, 52,54,57
IU 1+
Ia 1+

MnU 1-13,15+
MoK 1-6,21-22,24,[31]+
MoRM 30+
MoS 1+
MoU 1+
MtBC [55]-[58-61
MtU-M 58-62
N 1+
NB 3-8,10-12,14,[illegible] 24,31-34,52-54,56-
NBu 10-44,47+
NBuG 1-20,22-[illegible] 45]-[49-50]-[59,[illegible] 63]+
NIC 1+
NN 1+
NN-M [22-33]35-
NNA [53,55-56,59-63]
NNC 1-41,43+
NNCoC 17[22,24-35-64]
NNE 1+
NNU 1-7,22,24-31,[illegible] 56-58[64]+
NR [16]-17,22+
NSchU 1-32,36[41] [50-51,58,61]-[65]
NTR 1+
NcD 23-45,60+
NcRS 22+
NcU 1-63
Nh [39-48]
NhD 1-17[22]-[44-45]-[58]+
NhU 26-[39-4

NJHoS 1-19,21-22,27 31-32,37+
NJP 1+
NJR 1+
NJT 41+
NmScS 37-41[59]
NmU [38-63]
OC 1-37,41+
OCU 1-15,21,23-24, 48+
OCl 11[19-21]+
OClW 6-7,9-21,26-29
OClWHi [9,12-13,15-16,18-19]
OO 24-[28]-[39-55]-[57]-[65]
ODa [47]-[63]+
OT 6,40[46-47]-[53]+
OU 1+
OkS [12-50]+
OkTU [52-68]
OkU [40,42,48-49,[illegible] 60-61,63-64]+
OrCA 26[36-45]-[49-64]
OrU 1[+]
PBL 1-2,7-12,16-17, 22+
PBfG 30-34,39-40,54, 56-57
PEL 56+
PEr [36-48]
PHC 97-100
PLeB [42]47+
PP 1-[22-23,26,30,35, 37]+
PPD 28-29[40]43+
PPF 1+

IaAS 1+
IaU 17-19,50+
IdU 11-12,32-38
IdU-S [31-32]-[35-37,45-46]
InFw 33+
InLP [3-17]22+
InNU [30-39]+

K [51]+
KHi 24-26,28-[30]
KU 4-5,7-8,11,19-22, 27,30+
KWi [57-58]
KyL 20-23,25-32,35-42,44-63
KyU 8,10-11,18,20-21,23-29,33-64,97, 99+
LNHT [22-51]
LU [6,26-29,31-32,52-53]
MA [30]
MAA 17-40
MB 1-2,6-36,38-40, 48+
MBA 4-17,19-30,34, 37,39-40
MCM 1-[25]-[27]-[29-30]32+
MH 1-[42,44]+
MH-BA [1]-[8-9]-[18]20-21,24-25,27 [30-39]-[47]-[50-51]
MdBE 22,24+
MdBJ [38-51]+
MdBP 1-[41]
Mi [54]-58
MiD 1+
MiDU 4-8[10-36]+
MiEM 1+
MiGr [1-21]
MiHM 29-39,55,57+
MiMu 59+
MnM 1+
MnS 15,22+
MnSJ 1-8,11,14,17-[28]+

GAT 1+
H [1927-41]+
InI 53-63
K 9-19[37-43]51+
MtBC [46,51-55]-[58-61]+
NRU [1,6,9-11]16,58-[61]-[64-65]-[67-68]

AAP 4,12-13,19,35-43, 45-49,51-57,59-61, 63-71,73+
CLSU 12,28-[39]-50, 52+
CLU [5]21[27,30-33, 37-39]-[51-52]-[75]+
CPT 22+
CSjC [1+]
CSt 1-22,31-32,35-54, 56-57,61+
CStoC no1+
CU 1+
CaB [33-34]-[41-42]-[45]-[50]+
CaK 27+
CaM 1-12,33-47,49+
CaME 35-76
CaON 12+
CaT 10-14
CaV no51+
CoD 1+
CoFcS 1+
Ct 1-76

CtY 1-76
DA 1+
DGS 1-76
DeWI 40-[59-61,64-65,73]
FCU [33,36-37,41]43 [44-45]-[52-56]-[59-73]-76
GA 26-35,43,47-57

MnM 1-74
MnS [15-75]76
MnU 1+
MoKL 4-17,19+
MoS 1-76
MoSU 29-30,32-[35]-[43]-[46]-[60]-[71-72]-[74]+
MoU 1+
MtBC 16-21,40-51, 53-58,60+
NBuG 1-20,22-27[39, 43]46-48[50]-55 [58-63]-[66]
NN 1-[73]-no17,19+
NNC 1+

NNCoC 17[22-29,34-40]-[42-43]-[47-48]-[54]-[59-75]76
NNCoo 52+
NNE 1-75; no1+
NNU 1-7,12,22,24-31 [36-55]-[59-69]
NSchU 1-[32-34,36, 38-41,47-51,56,58, 60-71,74]
NStC [19,38,47-48, 54-61]-[65]-[74-75]

PPT [59,61-62,64-65]
PPi 1+
PPiC 28-48,59+
PPiD 11-12,16,18
PR 27-42
PSC [2]-[13,17,19]+
PSt [38,45-46,48-51, 54,56-57]-[60-64]+
PU 1+
RP 1-63
RPB 16+
ScCc [33-57]+
SdB 32-36
SdRM 1-21,56+
TC [57-60]-[63-65]
TMG 31+
TNV [1-2]-[26]27, 33+
TU [4-5]8-12,14-[17-18]
TxDaM 48+
TxH 39+
TxHR [54-57]
TxU 41-46,54+
UU 55+
VBP 6,12-13[16]-18 [21]-39,48,50+
VLxW 2-11
VR [22,33-38]
VU 1-[14-16]-[44]-[51]+
VtNN 1-21,29-[33]-53[55]+
VtU 1-22
WM 1+
WU 1-[29]-[31-36]-[39-40]41,43-[53]-[55-56]-[62]+
WaS 1-20,22+
WaSp 33-57,59+
WaU 1+
WvU 5-13,17-19[33] 52-62,64
WyU [51-54]-[64-65, 68]+

ScU [52-57]-[59]-[62-63]+
VBP 22-[40-42]-[44-46]+
WvU 5-13,17-19[33] 52-62,64
WyU [51-54]-[64-65, 68]+

GAT 1+
I 33,36,44-55,58,60+
ICI 1+
ICJ 1+
ICU [1]2,4-[7,10-11], 13,17[52-60]-[63]-[67-68]
IEN 10+
IU 1+
IaAS 1+
IaU 2,4-15,17-19,22+
IdPI [50,54,56-57]
In 41+
InLP [1-17]22+
InNU 15-16,24-28,30-36,38[39-40]+
K [51]-[57]-73
KU 4-5,7-8,11,19+
KyU 8,18,21,24-27,29-33,37+
LU [1]-3,9-11,17-20, 22+
MB 1-2,6-36,38-40, 48+
[illegible]
MH 1-[44]-[51]+
MMeT [22-75]76
MdBE 20+
MdBJ [33]+
MiD 1+
MiDU [13-75]76
MiEM 1+
MiMU 59+
MiU 2,5-36,40+

OkTU [47-48,52-75]
OrP 1,3-7,10,12-21, 33+
OrPU [53-65,67-75]76
OrU 18[22-75]76
PBL 1-2,7-12,16-17, 22-76
PLeB 1+
PP 1-21,38-76
PPD 28-29,40,43-68
PPF 1-76
PPT 24-74
PPI 1+
PPiC 1+
PSt [33-49]-[52]-[54]-[63]+

PU 10,12+
RKS 1+
ScU 51,55,57-60
TU no1+
TxCM 36-[38]40,42 [45,50]-[52-55]-[59]60,62-[71-72]-[75]+
TxCM-E 23+
TxDaM 24[25-26]28 [30]35+
TxHR no112+
TxLT 9,13-15,17+

15

NTR 1+
NcD [1-61]
NcRS no17+
NbU [23]26-41
NjP 1-75; no1+
NjR 1+
NjT [41]+
NmScS [37-75]+
OAkU 47-65,71+
OCl 2,16-[19-21]+
ODa 47,50-52,63-76
OU 1-[59]-[63]-[68]-[72]-[74]+
OkEP [56-58,61-64]
OkS 12,17,20,22,25-27,29,31,37-43,45,47-51,72-75
UU 1+
VBP 22-[40-42]-[44-46]+
VU 1+
VtNN 1-7,9-10,12-21,29-53[55]-[68]+
WM 1-75
WMM 62-75
WU 1-[29]-[31-36]-[39-40]-41,43+
WaS 1-20,22+
WaSP no1+
WaU 1-[74]
WvU 5-13,17-19,22-33,38,40,47-67,73+
WyU 51-69; no51-55

AMERICAN SOCIETY OF MECHANICAL ENGINEERS
TRANSACTIONS 1880-1960

AAP 1+
ArU 1+
C 1-48[50-62]
CL 1+
CLSU 1+
CLU 1-48
CPT 1+
CSd 51+
CSf 1+
CSfA 3-8
CSfM 1+
CSt 1+
CU 1+
CU-A [27-53]56+
CaB 1+
CaEU 24,31-32,36+
CaK [9-50]52-62
CaL 40-42,44-48
CaM 1+
CaME 1+
CaON 41-48,52+
CaSU 1-4,6+
CaT 25-35,39-51
CaTU 2+
CaWU 13+
CoD 1+
CoDU 10,12-13,15-48
CoFcS 4,8+
CoG 1+
CtHT 19-36,38
CtHW 12-30
CtU 5-8,10+
CtW 11-16,18-48
CtY 1-54

DA 40-43
DBRE 2-48
DBS 1+
DCU 1+
DES 1-3,5,8-20
DGS 1-43
DGW [2,4]7+
DIC 37,39-48
DLC 1-61
DP 1+
DSI-M 1-48
DWP 14-18,21-50
DeU 1+
DeWD 22+
DeWI 1+
FU 1+
GA 2+
GAT 1+
GEU [16-48]
GS [36-61]
H [58]-[61]
I 36,55+
IC 1-28,35-42,44,46-48,51+
ICA 1+
ICJ 1+
ICU [4-27]29-41,43-48,52+
ICW 1+
IEN 1+
IEN-C [50-55]
NNE 1+
NNN 1-[51]+
NNU 1-53[61-63]
NNU-H 1+

NR 17-20,27-45,60+
NRE 22-48
NRU 1-50
NSU 15+
NSchU 1+
NStC 40-47
NTR 1+
NWM 1-37,40-48
NbO 1+
NbU 1+
NcD 1-17-62
NcRS 1+
NdU 1-50,52+
Nh 1+
NhD 1+
NjP 1+
NjR 1+
NjT 1+
NmScS 1+
NmU [9-32]34-46,51+
OAU 1-46,61+
OAkU 1+
OC 1+
OCU 1+
OCl 1+
OClW 1-45
OCo 51+

IU 1+
Iu 1+
IaAS 1+
IaDm 49+
IaU 1+
IdU 1+
In 1-52,54+
InE 21+
InFw 1+
InLP 1+
InNU [2-45]47+
InTR 1+
KMK 1-[51]+
KU 1+
KyLU 21+
KyU 1+
LN 26-40,49-62
LNHT 1+
LU 1-[51]+
ME 1+
MBA 5-36
MCM 1+
MH 1+
MH-BA 1-48[56]57
MMeT 1-47,49-[53]+
MdAN 42+
MdBE 1+
MdBJ 1+
MeB 1-48
MeU 1+
MiD 1-60
MiDU 2-4,7-[49-51]
MiDbF 40+
MiEM 1+

MiGr 1+
MiHM 1+
MiMu 11+
MiMiD 1+
MiU 1+
MnM 23+
MnS 9,11-48,51
MnSJ 1+
MnU 1+
MoK 1+
MoS 1+
MoSU 15-34,43
MoSW 1-27,29,31-34,36-50,52-61
MoU 1+
MsSM 1,5-10,12-26,29+
MtBC 1+

N 1-52,54+
NB 1+
NBP 1+
NBu 1+
NBuG 1+
NBuU 23-48
NIC 1+
NN 1+
NN-M 20-48[50+]
NNC 1+
NNCoC 1-31,34+
NNCoo 1+
PP 1+
PPD 2-4,7-9,12+
PPT [13-61]
PPi 1+

PPiC 1+
PPiU 26-43,45-46,49+
PR 1+
PSC 1+
PSt 2+
PU 1+
PVC 4+
RKS 1+
RP 1+
RPB 1+
SdB 34+
SdU 20-43
TC 12-32,35-37,39-41
TMG 21-29,41-44,49+
TU 1+
Tx 34-39
TxCM 1+
TxDaM 16-50
TxH 38+
TxHR 1+
TxLT 56+
TxU 1+
ULA 1-23
US 39+
V [22-42]49+

ODa 22-24,27-48
OO 15-44
OU 1+
OT 1+
OY 1-4,6+
OkS 19+
OkT [1-23]+
OkTU 50-54
OkU 1-62
OrCA 1+
PBL 1+
PEr [6-18,21+]
PHC 1+
PLeB 17+

AU 2+
C 1-48[50-52]66+
DCU 33+
H 58-61
InI 2-4,7+
MdAN 1+
MsU 37-48

VBP 1+
VR 5-48
VRM 1-52
VU 1-[57]+
VtNN 1+
VtU 1+
WM 1+
WU 1+
WaS 1+
WaSp 1+
WaU 1+
WvU 1+
WyU 1+

OkTU 27-48,50-59,64
ScU [59]+
ULA 1-24,26,28,30-48
VW 22-24,33-37,39-44[57]58[64]

AMERICAN SOCIETY OF MECHANICAL ENGINEERS
PROCEEDINGS 1908
JOURNAL 1909-1918
MECHANICAL ENGINEERING MAGAZINE 1919-1968

AAP 42,51-54
ArU 32,36-37,40,49+
AzU 37+
C 35+
CL 37+
CLSU [35-48]+
CLU 30-35,41+
CPT 36+
CSf 42+
CSfA [47-49]
CSfM 33+
CSt [28,30-34]+
CU 28+
CU-A [40-43]+
CaK 36-44,55+
CaL 45-[47-48]49,52
CaM 53+
CaME 31+
CaON [41]+
CaT 41+
CaTU 35+
CaV 51+
CoD 32,54+
CoDU 35-39

CoFcS [30-32]37[38,42]-[44]-[50]+
CoG 28+
Ct [30-31]33-46
CtHT 26-[33]-[42]-[50]-[52]-[54]
CtU 41-48,50+
CtY [28]-[51]-[56]+
DA 29-[52]-[55-56]+
DBRE 35+
DBS 28+
DES [32]-[34]+
DGS [28]-46
DGW 41+
DHU 57+
DIC 47+
DLC 28+
DM 45+
DN 28+
DP [26-29]-[36]+
DSI-M 52+
DWP 42+
DeU [41-42]-[59,61]
DeWI 36+
FJ 48-49
FU 28+
IEN [28-42]44+
IEN-C [42,44,47,50]+
IU 28+
IaAS 28+
IaU 26+
IdU 38-[47]+
IdU-S [39]+
InFw 41+
InI 41+
InNU [30-55]+
InTR 36+
KMK 36-39,41-[46]+
KT 42+
KU 49+
KyL 30-35[37]+
KyLU 47+
KyU 41+
LNHT [30-35,37]41+
LNS 28+
LU [38-40]46,49-52,54+
MA 57
MB 35+
MBA [30-31]-[34]-[37]
MCM 28+
MH 29,31-[33]-35[37]-39,41+
MH-BA 28+
MdBE 29-32,35+
MdBJ 36+
MeU 41+
MiD 28+
MiDU [40]-[45-46]+

MoRM 28+
MoS 36+
MoSW 37,40+
MoU 36+
MtBC 42+
MtU-M 42+
N [28-30]-[32-33]39+
NB 41+
NBP [37]-[41]+
NBu 42+
NBuG [34]36-38,41,44-54,56+
NIC [28-29]-[31-32]+
NN 28+
NN-M 37+
NNC 28+
NNCoC [38,41-44]+
NNCoo 44+
NNE 28+
NNQ 29+
NR [34,39]+
NRE 37+

NRU 43+
NSU [28-32]36-39,54+
NSchU 53[54]-[56]-[59]
NStC 40-47
NTR [28-29]+
NbU 28+
NcD 52+
NcRS 44-52,54+
NcU 36-39,43+
NjHoS 28+
NjP 34+
NjR [28]+
NjT 41+
NmU [47-53]+
NvU 38+
OAU 61+
OC 36+
OCU 37+
OCl 28+
ODW 43-54
ODa [32-44]-[48-60]+

OT 34+
OU 33+

PEL 37-41,4
PHC 46+
PLeB [48]54+
PMA [52-56]
PP [28-30]+
PPD 42+
PPT [39]-49,51,53-60
PPi 33+
PPiC 42-55,57-58,60
PPiM 28+
PPiU 59[60]
PR 49-61
PSC 56+
PSt 34+
PU 29+
RP 28+
RPB 28+
ScCc [45]-[48-54]-[57]
SdB 65+
SdRM 42+
SdU 36+
TC [51]-[54]55[57]+
TMG 51+
TN 54+
TNV 36+
TU 36+
TxCM 33-[39-43]+
TxDaM 49+
TxH [47]+
TxHR 37+
TxLT 54+
TxU 36+

MiDbF 41+
MiEM [42]+
MiGr [39]-[48-50]-[53-61]+
MiHM 57+
MiMiD 28-29,31-32,34,37+
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MiU [28]-[30-31]+
MnM 42+
MnS 37+
MnSJ 44+
MnU 28+
MoK 35+

AU 42+
CLU 30-35,37+
CaSU 65+
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MdAN 41-[48-50,52,63]+

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GAT 31+
H 47+
ICA 36+
ICJ 28+
ICU 28+
ICW 36+

UU [39-46,48-49]-[51-52]+
V [47-66]
VBP 36+
VU [30-58]61+
VtNN 59+
WM 30+
WMaF 54+
WU 42+
WaS 28+
WaSp 41+
WaU 36+
WvU 54+
WyU 32-35,41+

MdU 29-[33]-36,41,44-61
MoU 31,36+
NBuG [29-33]-[35]-[39-40]-[42-43]-[55]-64
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OMC [62-63]+
ScU [59]+
TxCM 33+
WvU [28]-[40]-[51]+

OY 36,38-40,42+
OkS 45+
OkT 36+
OkTU [52-55]61+
OkU [39-54]56+
OrCA [29-30]36+
PBL 46-50+

AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION
PROCEEDINGS. 1901-1911
AMERICAN RAILWAY ENGINEERING ASSOCIATION
PROCEEDINGS - BULLETIN 1912-1998

CLU v1,49
CSf v19+
CSt v[1-2,16-19,22,29-30]
CU no44,64,103,190,290
CaM 1,28-86,88-94,96-195,316
CaME v[36]+
CaTU 161-164,237-254,260-265,269-275,377
CoCC v[29-61]
CoD v26
CtU 407-10
CtY-F 183-84,87,306,308
DA v23+
DBRE [17-253]-303,306+
DIC v[2-11]+
DLC 103-414
DP no78,85,130; v[15-37]
DeU v[34-35]

FU v[28-34]
I v32-35
ICJ 1-216,246+
ICU 94-97,139-140,156-[174-225]
IU 1-3,5-6[9-81]-122,125+
InI v17-22
InLP [1-72]
KyU v14-18,24-28,30-34
LNHT 32,125,194,245,277-278
MCM 107,125[200-287]394
MH 312-315,328-332
MH-BA [71-97]-140; v13-[19-21]-[34-37]+

AU 13-35
MnSJ no138,140,142,150,156-62,164-69,172+

MiD no196-325
MiU [41-383]
MnSJ v17+

MoS no141+
NB v19
NIC v[1-13]15+
NN no[1-133] v13+
NNCoC v39+
NNE [2]28-29,41[93-108]-191,193+
NTR no[135-377]
NcRS v35
NjR [44-155]
OCU 190
OCl [1-23]-[202-250]+
OT v[14-20,29-30]+
OU [1-278]
OrP v15+
PPF [29-53]-[70-80]131-207,236+

PPi 1[29-59]-[103-145]200
PLeB v.4-v.56
PSt v[26-35]37-38
PU 1[47-60]190
RPB v34+

TNV 1[29-199]325
TxCM [2-22]-140; v[13-37]
TxDaM v[26-27]
VU v[4-31]+
VtNN 412+
WU v28-46
WvU v31
WyU no49,62,80,104-05[38-74]

TxCM no2-4,6,9-20,22-140; v13[14]-[16-17]-[30]-[33]-[37]+
WM 32-42
WMaF [1,4-10,16-21]-[24]+

Proceedings. Chicago. 1,1900+
Index: 1-16,1900-15

AAP [1-11]
CL 6,9+
CLU 1-10,23-33
CSf 13-14,17-22,29-33
CSt 1+
CU 1-34
CaB 6,8-18,37+
CaEU 20+
CaK 1-4,8,10-14
CaM 1-30
CaSU 8-25,29+
CaTU 1+
CoCC 1-56
CoD 1+
CoU [1]-40
CtW 18-24
CtY 1

MoU 1+
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NBuG 2,7
NIC 1-12
NN 1+
NNC 1-6,8+
NNE 1+
NNU-C 17-19
NNU-H 1-16

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NcU 1-4,6,8-[10]+
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ICJ 1+
ICU 25
ICW 1+
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IU 1+

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IaU 1+
IdU 1-4,6,8-26
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InLP 1+
[illegible]

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NjHoS 8-26
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NjR 1-6,8,10-21, 21a, 22-27
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OU 1+
OrCA 7
OrP 7-21,24+
OrU 10,23
PBL 1-4,8-21,25+
PBfG 1+
PLeB 4-24

PPD 25,27+

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PPi 1+
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AMERICAN TRANSIT ENGINEERING ASSOCIATION *PROCEEDINGS* 1933-1934

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UNKNOWN. THEY ARE UP TO 40 PAGES INCORRECT. ALSO FOR "RAILWAY AGE" IT HAS BEEN INDEXED FROM 2000-2008 WHICH FOLLOWS THE INDEX FOR RAILWAY AGE. AN ASTERIC PLACED IN THE INDEX UP TO 1999 INDICATES A LISTING IN THE 2012 ADDITION. THE INDEX OF THE RAILWAY AND LOCOMOTIVE HISTORICAL SOCIETY HAS HAD AN ADDITION UP TO 20 2011. IT HAS BEEN PLACE IMMEDIATELY AFRTER THE R&LHS JOURNAL INDEX

AMERICAN JOURNAL OF RAILWAY APPLIANCES 1883 - 1895
JOURNAL OF RAILWAY APPLIANCES 1895 - 1901
RAILWAY MACHINERY 1901 - 1909
MACHINERY, RAILWAY EDITION 1910 - 1911

It initially was a twice a month magazine published in New York City with two volumes per year, Jan-June and July to Dec. The editorial content changed considerably over the years, particularly between 1889 and 1892. The magazine became a weekly in 1885 and a monthly in 1886. As the years progressed it was aimed mainly for railroad purchasing agents. The machinery part of the magazine covered machine tools, none of which have been indexed. It also had brief articles on non - shop practices and factories that made products for the railroad industry. Considerable foreign coverage; the more complete items I indexed. I did not index articles that also appeared in other journals because this journal has few copies extant. I indexed some articles which by rights I should not have, but they interested me. Discontinued publication Nov. 1911.

STEAM AND ELECTRIC RAILROADS

Baltimore & Ohio RR: Parlor car "Brandywine" #544 11-28-85/535 #2404 0-8-8-0 6-11/773-774; 3rd rail electrification system 8-02/449-451;
Brooklyn Rapid Transit: El. loco #1 hauling ashes 10-03/596, 597;
Buffalo Rochester & Pittsburgh RR: 2-10-0 5-07/476-477;
Central RR & Banking Co. of Ga. 4-6-0 1-1-85/2; Pile driver "Colossus" 9-1-85/365-366;
Central RR of New Jersey: #852 4-4-0 pix & drwg 2-06/281-282
Chicago & North Western: Chicago loc. shop 5-09/657-665;
Chicago & Western Indiana: Dearborn Sta., 3-32-85/106, 108-109;
Chicago Burlington & Quincy: Aurora test lab 1-97/1-3
Chicago Milwaukee & St. Paul RR: Milwaukee depot 1-15-97/1; West Mil. shops 1-04/105-112 & 2-04/153-160 & 3-04/203-210 & 0-6-0 & 2-8-0 drwgs & #381. 4-6-0; Wreck of #28 0-6-0? & #1042 0-4-2 6-05/509-511;
Chicago Rock Island & Pacific: Section gasoline repair car 6-11/780-781;
Cleveland Columbus Cincinnati & Indianapolis: Loco. with brick arch 1-30-86/35-35
Colorado & Southern RR: Denver shop 3-02/193-196;
Delaware & Hudson: #1600 0-8-8-0 6-10/794-798;
Delaware Lackawanna & Western RR: Flat car #5565 pix 8-03/485; Hoboken fire & temporary facilities 9-05/7-8;
Denver & Rio Grande RR: Development of narrow gauge locos 5-15-84/229;
East Tennessee Virginia & Georgia RR: Rome and Atlanta depots 3-16-85/135l
Erie RR: Train on just opened Chicago line 7-16-83/2;
Fort Wayne Cincinnati & Louisville: Natural gas for fueling locos 6-88/129;
Galt Preston & Hespeler Ry: #40 el. loco 21-11/340-341;
Grand Trunk Ry: Battle Creek loco shop & Stratford, Ont shop[6-09/106-113 & 117-121
Hudson & Manhattan: Opening second tunnel downtown 8-09/989-990
Hudson Valley Ry: El. Loco. #2 6-02/361
Illinois Central RR: Chicago improvements 8-93/113-115;
Illinois Traction System: El. loco. #102 4-07/413-416;
Lehigh Valley RR: Sayre shop 11-06/113-115; Strong loco #444 4-6-2 3-15-87/45-48;
Long Island RR: RR crossing scenes and accidents 10-93/145-147 & 11-93/167
Louisville & Nashville RR: S. Louisville loco. shop 4-06/381-383;
Michigan Central: Niagara Falls bridge 11-15-87/233-234;
Morgan's Louisiana & Texas RR: 4-4-0 1-15-85/25;
Mount Lowe Ry (Los Angeles) 6-94/43, 46;
New York Central: Grand Central Depot 1-16-86/33-36; Electrification of Rys 8-10/979-983
New York Chicago & St. Louis: Cleveland Sta. 2-29-84/106;
New York Lake Erie & Western RR: Beal's driver brake 2-88/34;
New York New Haven & Hartford: Electrification of Rys 8-10/979-983
New York Ontario & Western: 30 ton box car 3-93/42-44;
New York Pennsylvania & Ohio: Coal car #4027 3-86/138;
Norfolk & Southern: McKean car 5-10/710;
Norfolk & Western: Shop loco 4-10/611-613;
Northern Pacific: 4004 2-8-8-2 6-10/798-800;
Old Colony RR: 4 wheel coal car 4-86/156; Pass. car trucks 1-23-86/49;
Pennsylvania RR: Class K 4-4-0 3-31-84/141; Bay window parlor car 5-15-85/214; Track pans 9-93/129-130; Theodore N. Ely, Supt. of motive power pix 11-93/173 Juniata shop 2-95/1-3; Altoona shop 11-01/1-3 & 12-01/41-46 & 1-02/91-96; Shops and roundhouses N. J. to Pittsburgh and Hoboken marine shop 9-03/526-537; DeGlehn loco #2512 tested 6-04/361; Pa. Sta. opened 10-10/73-76; Crawford stoker 5-11/683-684; Clearance car #495601 5-11/684-685; Trenton repair shop 7-11/851-858 & 8-11/935-941; Loco. building at Altoona 2-10/431-440 & 5-10/701-709 & 6-10/785-793 & 7-10/877-882 & 11-10/165-174;
Philadelphia & Columbia RR Phila. incline plant painting 1-04/118
Philadelphia & Reading: Shoemaker Sta. pix 1-31-84/29; Graver's sta. at Chestnut Hill branch 8-1-84/61-62 & 9-1-84/113-114; Tioga Sta. on North Penn branch 10-1-84/165; #946 4-4-0 1-30-86/67-68; Class D33 4-4-0 9-15-84/141;
Pittsburgh & Lake Erie RR: New Castle, Pa. sta. 6-30-84/330;
Rochester & Pittsburgh RR: Pile driver 10-31-85/471;
Saint Joseph Valley Ry: Gas el. car #101 6-05/501-502;
Union Pacific RR: Motor car #2 3-06/338-339 & #7 5-06/452-453 tested; Motor car #8 5-07/473-475;
Vandalia: Flanger car 2-15-84/68
Western & Atlantic RR: "General" 4-94/25;

PRIVATE RAILROADS AND EQUIPMENT

Atlantic Coast Lbr. Co: El. loco. and train 10-03/594, 597
Carnegie Steel Co: El. loco. in use 10-03/594
Imperial Lbr. Co "Metropolitan Ry" el. loco. 10-03/597;

FOREIGN

Argentina: Buenos Aires tramway sleeper 3-88/58-59; Trans Andean Ry & #40 0-8-6-0 rack/adhesion loco 11-10/175;
Austria: State Ry 2-2-2T #112.02? 12-99/265; Compound 2-6-4 loco. 4-09/587-590; 2-12-0 #100.01 & 2-6-4 #320.05 9-11/1-2
Belgium: State Ry 0-6-0 3-86/128-129; 2-10-0, 4-6-2, & 4-6-0 8-10/971-974;
Brazil: Paulista Ry Webb compound 4-4-0 "D.FN. Prates" 12-19-85/581-582;
Chile: Anglo Chilean Nitrate & Ry Co at Tocopilla-Taco 4-94/26-27; Trans Andean Ry and rack/adhesion loco #40 0-8-6-0 11-10/175;
France: Leon Francq fireless loco 10-15-83/173-174; Light Ry using Decauville System locos and cars 10-15-87/213-214; Compound 4-6-0 & 4-6-2 3-10/519-523; NORD #6122 0-6-2 - 2-6-0T compound mallet 6-06/506-507; Northern Ry water tube boiler loco 11-10/176-178
Germany: Hanovian State Ry #476 2-4-0 11-93/161-163; Bavaria 4 cyl. steam motor car 1-07/231-232
Great Britain: Steam motor cars on British Rys 3-05/339-342; Steam turbine electric loco of North British Loco Wks 8-10/978-979
Bristol & Exeter Ry: Broad gauge locos waiting scrapping 12-04/180-182
Great Southern & Western Ry: Wrecking train 9-1-85/369;
Great Western Ry: Broad gauge locos waiting scrapping. 12-04/180-182; steam motor cars 3-05/339-342
Lancashire & Yorkshire Ry: Old "Victorian" 0-4-2 & #1595 (?) 4-4-2 4-10-02/249; Electrified to Southport 8-04/471-476;
London & Brighton 0-4-2 pass service 3-16-85/132-133
London & Northwestern: "Marchioness of Stafford" #2798 2-4-0 10-10-85 & #2063 4-4-0 10-31-89/469, 421-422; Webb compound 9-29-83/141-142;
London & Southwestern Ry: Steam motor cars 3-05/339-342
Manchester & Liverpool El. Express Ry monorail 12-02/53-57
Manchester Sheffield & Lincolnshire Ry #510 2-2-2, 7'6" drivers 2-16-85/79, 78;
Metropolitan Ry: Locos 6-03/373-375
Midland Ry: Steam motor cars 3-05/339-342; #1668 4-4-0 5-1-85/200-201
North Western Ry: "Dreadnaught" 2-4-0 #503 10-3-85/405-406;
Taff Valley Ry: Steam motor cars 3-05/339-342
Hungary: Compound loco #701 4-4-2 & #4451 2-4-4-0 1-09/63-64; #4502 0-6-6-0 10-09/81-83; #802 compounds 4-4-2 1-10/353-357;
Manchuria: South Manchurian Ry: Loco #9 2-6-2T & map 1-08/275;
Nicaragua: RR built to haul material for construction of a canal 5-93/65-68;
Norway: 25 ton 6 wheel ore car 7-88/153-154
Panama Ry & Canal Co: construction 7-93/97-98
Sweden: 25 ton 6 wheel ore car 7-88/153-154; Swedish Loco. Wks 11-08/163-167;
Switzerland: St. Moritz extension of Rhaetin Ry & #32 2-4-4-0T 10-05/49-51

Turkey: Compound loco #57 4-6-0 10-11/81-84

BIOGRAPHY
Ely, Theodore N., supt. of motive power, Pa. RR bio pix 11-93/173
Hall, Wm. P. Pres. Hall Signal Co pix 1-93/13;
Schoen, Charles T., Pres. Scheon Mfg. Car Co pix 3-93/45

CARS. FREIGHT
Couplers: Jacob's life saving coupler 8-87/167; Ward, Gilmer & Cordrey coupler designs 8-1-85/329;
Dump car, 8 wheel, Blaine design 8-87/165; Goodwin side dump car 4-87/73; Bagnall/s 4 wheel tipping car 4-1-85/150;
Hopper gondola car of Sear's design 4-86/153; 3 truck hopper car of Finlay 5-1-85/205;
Iron cars: Tubular iron cars 7-16-83/4; tubular iron gondola 6-30-84/313-314; Iron framework box car 5-94/33;
Refrigerator Car: Baugardner 9-86/267; Lorenzo design 7-16-83/5
Stock car: Burton design 2-29-84/92 &12-1-84/270;
Trucks, Frt. car 1-2-86/3

CARS, PASSENGER
Combination electric loco and pass. car of Van DePoele 5-87/94;
Combination loco. and pass. car prior to 1850 for light traffic 12-09/265-267
Heating: Shackleton car heating system 9-87/189-190;l Barnard's car heating using exhaust loco. steam 7-87/141-143; Sewell car heater 4-87/77; Gouge car heater 3-87/48; Smith & Owen car heater 3-87/49; Martin's anti fire car heater 5-86/178-179; Gould's car heating and ventilation system 5-15-85/213; Gould car heater 2-87/25;
Lighting, electric of Barrett 12-87/261;
Mann's Boudoir Car Co private car "Adeline Patti" 2-6-86/81; Interior car decorations 7-1-85/238-239; Car 10-15-83/169-170;
Monorail gyroscopic car: Scherl design 2-10/445-446
Saint Charles Car Co club car 12-15-83/309
Seats, Reclining, Mark's design for parlor cars 2-87/28
Sleepers: Stebends compartment car 7-87/144-145; Cutler's sleeper 7-87/153;
Steam pass. car of St. Louis Car Co. 9-09/5
Trucks, pass. car 1-23-86/49

LOCOMOTIVES
Brakes: Eames vacuum 6-87/117-118;
Fireless: of L. Francq in France 10-15-83/173-174
Gasoline: for Logging & industrial 7-09/843-846; Designing 10-9/84-87;
Geared: Adam' & Price Loco. & Machine Wks, Nashville tramway ;loco "David" 0-6-0 4-97/69-70; Shay loco. "D. Cutler" #50 11-1-83/204;
Pole Road: Tanner & Delaney Co "Goliath" 9-15-86/165-166;
Strong Loco. #444 4-6-2 3-15-87/45-48;

LOCOMOTIVE COMPONENTS
Boilers: Oscar Rothrock's freak design 6-14-84/282 & 2-2-85/56; Water tube boiler 11-10/176-178;
Brake: American Brake Co power loco. brake 2-2-85/49
Brick arches 1-30-86/35-36;
Fuel: Natural gas for fuel 6-88/129;
Injectors: 12-93/171-178
Spark arrester: Groesbeak & Wright 8-15-84/89-90; Hunter design 2-29-84/85-86;
Traction increaser device of Ries & Henderson of Balt. 5-88/107;
Valve Gear, Brown 2-13-86/98-99; Joy v.g. 7-1-84/1-2;

LOCOMOTIVE BUILDERS
Baldwin Loco. Wks: Locos at New Orleans Exposition 1-1-85/1 & 1-15-85/25-26; n.g. 2-8-0 11-1-83/201-202; Described 2-03/161-167;
Electric Storage Battery Co: El. loco. #1 10-03/529, 597;
Mason Machine Wks: 4-4-0 11-1-84/217-218;
Pittsburgh Loco. Wks: 8-95/99-101
Rhode Island Loco. Wks n.g. 40-4-0 6-15-86/201, 202;
Schenectady Loco. Wks Views of shops 8-00/175-179; 2-8-0 2-2-85/54;
Westinghouse Electric & Mfg. Co: El. loco. #2 10-03/595; #9 2 unit 0-6-0 el. loco 7-05/561-563;

MISCELLANEOUS
Cable car: Orvis & Adam's design 6-14-84/309-310;
Car dumper by tilting the car 3-86/132-133;
Elevated Ry, Riley's design 8-15-86/245-248;
Flanger car 2-15-84/68
Hand cars: Kalamazoo velocipede 11-30-83/264; Sheffield gasoline car 7-09/846-847
Snow plows: Gunther's design 3-15-84/113; King's freak design 1-30-86/67;
Speed, several articles in 1884 on 18 hour pass. train N. Y. to Chicago and loco needs.
Wind mills for water tanks 12-31-83/321

SIGNALS
Baker's automatic block signal 6-15-86/203; \
Signal lamps 12-12-85/566
Williams draw bridge signal 4-1-85/160

TRACK
Crossing Gate: Copeland design 4-87/70
Dressel lamp for track walkers and brakemen 11-15-86/307;
Switch lamps of Dressel 4-86/154
Switch stands: 7-94/49
Tamping machine of Bryant and Gilliland 9-1-85/370
Ties: Metal design of Netter 1-88/3; metal tie of Whipple 1-2-86/4
Track layer: Holman's design 2-88/35

AMERICAN RAILROAD JOURNAL 1832 - 1886

This magazine is microfilmed and available at a fair number of universities. Complete sets of the originals are almost non existent. The Railroad Museum at Strasburg, Pa. has most.

The magazine was begun by D. K. Minor as a 16 page, 9"x12" publication, but only the first three to six pages were devoted to railroads. Canals, paved roads and steam cars were well covered. The remainder had government, national and world news and so forth. An index was issued with each bound volume, but was woefully incomplete. The magazine lost money and ceased publication from September, 1837 until mid January, 1838 at which time it eliminated most of the brief railroad items along with agriculture and literary material and cut its size to eight pages. At the end of March, 1838 it discontinued until July at which time it resumed as new Volume 1, 6"x9", 16 pages devoted to railroad and mechanical topics. The old volume numbers continued to also be used, and these numbers I have used for this index.

By the mid 1840s it limited itself to canals and railroads. It carried several titles: *American Railroad Journal and Advocate for Internal Improvements,* 1832 to 1838; then *American Railroad Journal and Mechanic's Magazine* until 1845; then *American Railroad Journal and General Advertiser* thru 1847; then *American Railroad Journal and Iron Manufacturer's and Mining Gazette.* On Feb. 3, 1849, when H.V. Poor became editor, the title was changed to *Am. RR. Jr Steam Navigation, Commerce, Mining, Manufacturing.* Eventually the non railroad names became a sub title.

Mr. Minor sold his interest in the basically unsuccessful magazine, but in 1843 repurchased and ran it until selling in 1849 to Henry V. Poor, who remained as editor until 1862. John H. Shultz then ran it until October, 1886 when Matthias N. Forney bought it. He had designed the successful elevated locomotive and published the *Catechism of the Locomotive.* The title was changed to *Railroad and Engineering Journal* in January, 1887 at which time Von Nostrand's *Engineering Magazine* was acquired. The subject matter was revamped to concentrate on mechanical subjects of railroads and to a lesser degree non railroad. In effect it was an entirely new magazine, and for that reason I have indexed it separately.

From 1832 until 1854 it was the only railroad magazine published. Feature articles dealing with the engineering of specific railroads were often detailed, three or more pages long, and set in small type. After the mid 1840s many articles are short dealing with election of directors and finances. The magazines also mentioned letting contracts for new construction, opening of new lines, brief construction progress reports, and information on a few locomotives There were also longer general reports, but nothing that got into real specifics such as in the 1830s.

By the mid 1850s the magazine reached a format which continued until almost 1880. A major part of the magazine was devoted to stock and bond listings, earnings, dividends, miles, equipment. Few feature articles (The joining of the Central and Union Pacific Railroads rated a single paragraph.), a few annual reports, and numerous news items on incorporations, (many becoming only paper railroads), foreclosures, reorganizations, construction contracts, line openings, elections of directors, stocks, bonds and earnings tabulations - these latter items comprising 50+% of the magazine. Most were dropped in 1880.

In the early 1880s it went through several editorial changes adding considerable general discussion of current topics and a regular tramway department. In April, 1883 it became a monthly and dropped many features. When it became a monthly, page numbering reverted to 1 again so that I indicate the date of issue. As it was in the 1870s and until 1887 it carried practically nothing on equipments and very few illustrations.

Imprecise names is a major problem. For instance there was a New Orleans and Carrollton RR which was built, but the magazine mentions a Carrollton RR & Banking Co. being formed and in subsequent issues refers to the Carrollton RR. There are hundreds of other names which are incorrect in the magazine's index. Montclair RR appears as Mont Clair RR, Richmond and Virginia Valley RR also appears as Richmond and Virginia, and so on. I have put a ( ) around names which did not appear in all listings, but it is the same railroad.

I have tried to separate into a separate listing the street railways, but probably some are included in the main listing.

The magazine covered considerable general interest material on transportation which influenced the development of railroads, but I did not index. These topics by year were:

Vol. 1, 1832: Mr. Adam's road pavements (which became known as macadam); steam cars on common roads with illustrations on pages 721 and 737, canals, particularly the Morris Canal of N.J. and the Lehigh Canal of the Lehigh River, Pa., and the merits of canals versus railroads

Vol. 2, 1833: Same topics as volume 1 but also including the merits of paved M'Adam roads versus railroad construction

Vol. 3, 1834: Steam boats, steam carriages, stoned (McAdam) roads.

Vol. 4, 1835: Use of locks instead of incline planes

Vol. 6, 1837: Canal boats, locks, road bridges, harbors, and electricity.

Vol. 8-10, 1837-1839 Steam engine mechanical engineering theory

Vol. 11-16, 1840-1843 The advantages of low fares.

Vol. 18, 1845 -on Timetables of many railroads. Some of these timetables had miscellaneous information on the railroad.

Vol. 22, 1849 Railroad to the Pacific

Vol. 29, 1856 Street railways and coal burning locos.

Vol. 32, 1859 During Feb-May lengthy series of articles on wooden bridge design.; street rys and coal burning locos.

Vol. 33, 1860 Street railways and coal burning locos.

Vol. 34 1861 The Civil War stopped all mention of southern railroads, a major source of news previously.

Vol. 35 1862 Railroad to the Pacific

Vol. 38 1865 With the end of the war new railroad construction resumed after five slow years and southern railroads were rebuilt.

Vol. 40 1867 Bessemer steel introduced into U.S.

1870s Much on narrow gauge railroads

I initially indexed volume number, year / page number. I have tried to index the correct name for the railroad, often referring to other sources. Common identification problems were such things as the Charleston and Hamburg RR which actually was the South Carolina Canal & RR, Pottstown and Philadelphia RR which was the Philadelphia and Reading RR, and Winchester RR for Winchester & Potomac RR.

After 1851 I did not indicate volume number.

1855 - Vol. 28; 1860 - Vol. 33; 1865 - V. 38; 1870 - V.43; 1875 - V. 48; 1880 - V. 53

After 1848 with few exceptions I did not index British and European railways. I continued including Central and South America. From 1852 thru 1880 in order to reduce my indexing time from 20 to about 10 hours per year, I changed my method which necessitated dropping the date of issue and most comments concerning contents of articles. I basically used the index

of the bound volume and checked all the pages of the magazine for items not given in the index. In 1881 I discontinued indexing most news items as I have indexed them in the *Railroad Gazette* or *Railway Age* which carried the same material. It is likely that there is much duplication of news items in the 1870s with the *Gazette*. I did not index news items for railroads which had only a single entry from 1870 on. Most of these are forma-tion of railroad announcements, most of which were never con-structed. For those that were built, *Poors Manuals* has the same information. About 1000 railroads were thusly omitted.

The volumes I worked from had parts of the indexes missing. I have indicated this with an x for page number or said to refer to the index bound with the magazine.

I could not see and therefore did not index Mar, June & July 1885 and Nov. & Dec. 1886.

I found a fair number of page numbers in the magazine's index twrong, often by a single page number. It you look at a page and do not find it, first check the magazine's index in case I made an error and then look at pages close to the incorrect number. Also the name in the index sometimes varies from the name in the news item or is just wrong.

STEAM RAILROADS, UNITED STATES AND CANADA

Acadia Coal Co's. RR(N.S.): 1868/672;
Adams County RR: 1868/672;
Addison RR (Vt): 1871/871, 1403;
Addison & Northern Pennsylvania RR: Coal mine branch 3-31-83/324;
Addison County RR: 1869/870;
Adirondac RR: 1864/533, 557, 849, 1131, 1138, 1155; 1866/150; 1868/489,653; 1869/57; 1871/32; 1880/698;
Agricultural Branch RR: 1864/587; 1865/27; 1866/725; 1867/290;
Air Line RR (Ga): 231, 413, 632
Akron & Hudson RR: V24 5-10-51/293
Akron & Perrysburg RR (Oh): V5 1836/d247
Akron Branch RR: V24 7-5-51/422; 11-8-51/716; 1852/186, 311, 587, 726; 1853/134; 1854/329;
Alabama & Chattanooga RR: 1871/1353; 1872/547, 614, 1061, 1388; 1873/35, 229, 480, 488, 1305;1874/443, 675, 837, 891, 1091, 1123, 1306, 1509; 1875/220, 347, 477; 1876/124, 1295; 1877/101, 1093; 1878/51, 108, 202;
Alabama & Florida RR: V233 3-16-50/166; 1853/348; 1854/397, 829, contract bid 734; 1855/ contract bid 222; 1856/595; 1857/685; 1858/682; 1859/579, 617, 618; 1860/452, 757, 782, 814, 914; 1861/386; 1866/634, 757, 894, 1061; 1867/49, 443, 840;
Alabama & Mississippi (River) RR: V24 8-2-51/485; 1852/71, 141, 158; 1853/154; 1854/491; 1855/569; 1856/293, 300; 18857/459, 475; 1859/478
Alabama & Tennessee (River) RR: V22 12-15-49/788; V23 4-13-50/231;5-4-50/279; 6-1-50/341-342; V23 9-7-50/566, 569; 10-26-50/679, 680; const. begun 12-28-50/819; 11-9-50/707, 709; 11-23-50/740; V24 3-8-51/153; V24 5-10-51/295; 5-31-51/346; V24 12-6-51/775; 1852/292, 680, 509; 1853/551, 727; 1854/101, 404, 622, 695, 789; 1856/293, 294, 424, 592, 828; 1859//523, 532; 1860/253, 396, 648, 849;
Alabama & Tennessee River RR (See also Ala. & Tn. as some references are probably intermixed): 1852/465, 615, 678, 764; 1855/276, 467, 548; 1857/594, 522; 1861/102
Alabama Central RR: 1860/914; 1873/223; 1878/842;
Alabama Florida & Georgia RR: V4 1835/193; Von Gerstner's summary of const., motive power & costs, V11 11-15-40/298-301
Alabama Georgia & Florida RR: V5 1836/452;
Alabama Great Northern RR: 1878/51, 791, 895;
Alameda RR(Ca): 1865/127;
Alameda Oakland & Piedmont RR: 1874/602;
Albany & Binghamton RR: 1853/622;
Albany & Boston RR: 1864/102, 341;
Albany & Buffalo RR: V18 3-6-45/149;
Albany & Coeyman RR(NY): 1865/461, 1049, 1183;
Albany & Cohoes RR: V22 5-5-49/279;
Albany & Eagle Bridge RR: 1852/698;
Albany & Northern RR: See Albany Northern RR.
Albany & Rutland RR: V23 6-8-50/361;8-31-50/551;
Albany & Savannah RR: 1853/247;
Albany & Schenectady RR: V21 9-30-48/633; Thru trains to Buffalo V22 9-8-49/569; V23 2-9-50/85; 3-23-50/182; V23 5-18-50/311; 6-22-50/391; V23 12-24-50/801; V24 2-1-51/75; Law suit V24 4-26-51/262; V24 7-19-51/454; V24 12-20-51/804; 1852/11, 265, 391, 548, 1853/124, 652;
Albany & Susquehanna RR:V24 3-29-51/203; 4-12-51/231; 5-17-51/315; 1852/54, 228, 349, 632, 773, 763, const. adv. 699; 1855/150, 585; 1856/115, 291; 1858/265, 328, 409, 584, bid 317; 1859/281, 809, 565; 1860/929; 1861/485; 1862/78; 1863/279, 423, bid 425, 495, 508, 591, 600, 895, bid 945. 967, 1003, 1015; 1864/533, 651, 685, 820, 894; 1865/459, 469, 533, 379, 699, 797, 822, 827, 852, 875, 1171; 1866/52, 83, 315, 414, 508, 561, 581, 603, 773, 899, 1083, 1187, 1206; 1867/223, 459, 529, 649, 674, 720, 839, 873, 859, 1233; bid 436; 1868/3, 341, 625, 648, 731, 815, 863, 1164, 1201, 1253; 1869/3,29,58, 91, 142, 755; 3-5-70/279; 3-26-70/338; 10-1-70/1121;1872/99, 1163; 1873/257; 1876/545; 1878/637, 1015, 1439;
Albany & Vermont RR: 1860/292, 795; 1863/240;
Albany & West Stockbridge RR: V1 1832/130; V5 1836/161, 478; Eng. report V5 1836/661-664; V8 1839/252; 2nd annual report V10 4-15-40/251-252; V11 7-1-40/4; 7th Annual report, V18 3-20-45/179; Annual report V18 4-10-45/227; Annual report V20 7-17-47/45; V22 6-9-49/362; V23 2-9-50/84; 1856/133; 1860/1127;
Albany Bennington & Rutland RR: V23 5-4-50/279;
Albany Boston & Montreal RR: 1872/614;
Albany Northern RR: V24 3-1-51/138; 1853/41, 402; 1854/543; 1855/621; 1856/171; 1859/616; 1860/326, 349; 1863/1863/240; 1872/486;
Albany Sand Lake & Stephentown RR: (NY&Ma): 10-29-70/1209; 11-19-70/1295; 1871/1179, 1182
Albany Vermont & Canada RR: 1860/292, Abandonment 795;
Albert County Branch RR(N.B.): 1866/249; 1874/1083, 1562; 1876/959, 1111; 1877/1348; 18781065;
Alexandria & Bloomfield RR: 1865/795;
Alexandria & Cheneville RR: Von Gerstner's summary of const., motive power & costs, V11 12-1-40/342-334;
Alexandria & Fredericksburg RR: 1865/951, 1027, 1065, 1111; 1866/52, 53, 27, 68, 276, 317, 659, 700, 773, 827, 875; 1867/146; 1870/1234 & 1235; 1871/237, 927; 1875/1499;
Alexandria & Georgetown RR: 1869/30, 1261;
Alexandria & Gordonsville RR: V22 3-31-49/195; 1854/526;
Alexandria & Lynchburg RR: 1853/526; 1858/682, 755; 1860/1006;
Alexandria & Nebraska City RR: 1869/589;
Alexandria & Valley RR (Va) V22 12-15-49/788;
Alexandria & Washington RR: 1855/492; 1856/667; 1857/709; 1860/923; 1865/755; 1866/870;
Alexandria Loudoun & Hampshire RR: 1854/301, 554; 1855/744; 1856/691; 1857/476, 525, 658; 1858/332, 492, 682; 1859/88, 410, 602, 783, 809; 1860/923; 1861/802; 1865/945; 1866/126, 275, 387, 941; 1867/863, 625, 961; 1868/864, 947, 1166; 1869/30, 366, 395, 619, 989,1269; 3-5-70/258; 8-6-70/873;
Allegan & Holland RR: 1869/1010;
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Iowa Central RR: 1856/2, 276, 453; 1865/701, 779; 1866/291; 1867/745, 1128; 1868/265, 393, 969; 1869/1231; 1871/1014; 1875/1435;
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Jacksonville & Alton RR: 1852/587;
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Jeffersonville RR: V22 6-9-49/360; 7-7-49/428; V22 12-8-49/768; V23 11-2-50/688-689; 11-30-50/757; V24 1-25-51/52; 2-1-51/72; 3-15-51/167; 5-3-51/276-277; 10-11-51/651; 1852/316, 570; 1853/290-292, 297, 387, 480, Loco. "Wm. Armstrong" 678, Contract bid, 480; 1854/232; 1855/68, 217, 765; 1857/260; 1858/259, 745; 1859/697; 1860/338; 1861/506; 1862/328; 1863/502, 1026; 1865/579; 1866/582, Louisville bridge 853; 1867/263; 1868/1143;
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Lancaster Loco. Works (Brandt): 1854/492; 1855 adv. after page 208 in adv. section; For sale 1863/110; Lease to James Norris & Bro., 1863/1239;
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Col. Stephen H. Long, V2 1833/642
Lowell Loco. Wks: 1854/691
Mason, Wm.:1853/678; double bogie 1869/1037; New Fairlie loco. "Janus" 5-7-70/509;
Mattewan Machine Wks: V21 5-20-48/321
McKay & Aldus: 1866/531;
McKay Iron & Loco. Wks: Commences operation 3-26-70/366;
Menonomie Machine Shop(Mil. Wis.): 1854/26, 101
Michigan Iron Works (Shay): 2-17-83/164;
Mill Dam Foundry, V3 1834/831;
New Jersey Loco. & Mach.: 1853/547, 570; 1854/2, 566, 631;
New York Loco. Wks: 1853/500; 1854/131, 268; 1855 adv. after page 208 in adv. section;
Newcastle Mfg. Co: V5 1936/705, 785; V19 1-24-46/58;
Wm. Norris, V2 1833/784; V5 1836/814; V8 6-1-39 order of 10 locos for Birmingham & Gloucester RR 348; Works described with 142 locos. made so far V12 4-1-41/206-208; Tests of loco. "America" V12 4-15-41/236-243 & 5-1-41/257-262; Advertisement of 0-6-0 V18 1-16-45/48, 57; Advertisement of 0-6-0 and 4-4-0 V18 2-6-45/94; Norris two wheel pilot truck 1860/1117;
E. S. Norris - See Schenectady Loco. Wks.
James Norris & Bro.: Lease of former Lancaster Loco. Wks, 1863/1239;
Richard Norris: Adv. 1853/480, Model Loco. for Japan 1853/311; 1855/649, 669; 1857/117; For sale 1868/1278;
Palm & Robertson (St. Louis): 1854/150; 1858/409, 469;
Pittsburgh Loco. Wks: first loco. 1867/407;
Portland Co: V21 1-15-48/34; V22 8-18-49/521-522; Advertisement 8-18-49/522; V23 3-23-50/191; 1853/726-727; 1854/575; 1873/1451;
Poughkeepsie Loco. Eng. Co: Advertisement V8 1839/ inside front cover opposite page 161;
Rhode Island Loco. Wks: 1866/747, 750;
Rogers Ketchum & Grosvenor: V5 1836/801; V21 6-10-48/370; 1854/2; 1856/408; 1858/392; 1862/530; 1869/651; Rogers Loco. Works catalog on latest designs 7-86/129-133 & 8-86/158-159 & 9-86/182-183 & 10-96/214-216 & 11-86/??/
Schenectady Loco. Wks (E. S. Norris) V22 2-24-49/113; 1855/189, 190;
H. H. Scoville & Son Loco. Wks Chicago: 1853/731, 681;

Geo. Sellers (Cincinnati): loco. for incline planes with drwgs V21 9-2-48/563-564 & 10-7-48/647-649; 1854/1854/174
Smith & Perkins: V24 7-26-51/473;
John Souther: 1853/494;
Stephenson (Gt. Britain): Flangeless drivered 2-2-2 with drwgs., V3 1834/769, 792-793; 3 cylinder loco, V19 11-28-46/766 & 12-5-46/780;
Wm. Swineburne(Paterson): 1854/2; 1855 adv. after page 208 in adv. section;
Talbot & Bros. (Richmond, Va): V23 7-6-50/423
Taunton Loco. Wks: 1853/620; water tube grates 1863/255
Tredegar Iron Works: V23 10-50/631; Loco. boiler explosion 1853/ ; 1859/505, 490; 1860/463, 799, 1105; 1868/513, 556;
Trenton Loco. Wks: 1857/713
Virginia Loco. Works: V24 7-26-51/477; 1855/11, 12, auction 781; 1855 adv. after page 208 in adv. section;
Seth Wilmarth: Unique locos. 1853/690
Ross Winan's 0-8-0 with vertical boiler, V12 2-15-41/128 & 3-15-41/189-190; Patent suit with Troy & Schen RR resolved on 4-4-0 design, V23 7-13-50/438; Anthracite burning loco. 1854/347; Coal car lawsuit 1854/282; Law suit with N.Y.&Harlem RR 1855/772-773, 792; 0-12-0 camel 1856/489; In Russia 1857/85; Patent suit on exhaust steam 1860/1027;

LOCOMOTIVES
History of Locomotives up to 1835: V5 1936/469; Up to 1853: 1853/710-711;
Cog: V1 1832/545, 562, 596; Berrian patent with pix, V1 1832/641;
Compound: 9-86/177;
Compressed air: See pneumatic
Condensing Loco.: Nichol's design, V5 1836/477;
Dummy: 1862/537; For horse railroads 1863/1096, 1863/1125; Dummies in Chicago 1865/853, in St. Louis 1865/870; 1868/1141; fireless 1874/930; dummies 1874/930; 7-9-81/713-714; 1876/ James P. Woodbury inventor 547, 1876/517?, 638, 741, 1081, 1241, 1271, 1367;
Electric: Locomotion by McCauley's galvanism, V5 1836/742-744; V9 1839/97-100 & 129-131; Electro magnetic loco successfully tested in England by Mr. Davison using batteries on Edinburgh & Glasgow Ry: V15 10-15-42/249-251; Test of Prof. Page's electro magnetic loco. V24 4-5-51/218; Electricity used for locomotion (history 1830s - 1886) 4-86/16-18 & 5-86/50-52;
Fireless: 1873/1122; Grant 1874/519; dummies 1874/930; 7-9-81/713-714
Flexible beam: 0-6-0 V17 1844/93-95;
Incline plane loco: Locos. on planes V1 1832/545; Aldrich's design V6 1837/375, 401; Geo. Sellers (Cincinnati): loco. for incline planes with drwgs V21 9-2-48/563-564 & 10-7-48/647-649; 1854/1854/174
Mine: 1869/254, 620, 1119; 1871/37;
Monorail: 1876/1551;
Narrow gauge 1871/424-425; Many articles not indexed in 1870s
Pneumatic (compressed air) Locomotive: V21 9-16-48/599-600; Ericsson's hot air loco. 1852/229; f1874/54; 9;or street rys 1878/430; Pneumatic Tramway Engine Co. 1879/1005; 1880/532
Three cylinder loco invented by Geo. Stephenson, V19 11-28-46/766 & 12-5-46/780;
Tram locos: See also dummy locos.; use instead of horses 1878/549
Wooden rails, Locos. for.: 1873/587;
Boiler explosions: (Each boiler explosion had an extensive article but this article covered the subject best up to 1849 V22 3-31-49/201-212; first fatal V11 8-15-40/103-105; Boiler explosions are indexed under the name of railroad with mention that the item is a boiler explosion.
0-6-0: Norris drwg V18 1-16-45/48, 57;
0-8-0 with vertical boiler (no drwgs) V12 2-15-41/128 & 3-15-41/189-190
4-2-0 with frame, without frame and with spur gear for cog railroads, V10 1840 BLW insert adv.; Performance of 4-2-0 with power to the front truck V14 2-15-42/128;
4-4-0: Campbell's first V5 1936/466-469; Norris drwg V18 2-6-45/94;
4-6-0 First by Norris "Chesapeake" with drwg V20 11-27-47/754;
Design: 1869/448; fast passenger design 4-4-0 1-86/298-299; Rogers Loco. Works catalog on latest designs 7-86/129-133 & 8-86/158-159 & 9-86/182-183 & 10-96/214-216 & 11-86/??/
Anthracite burning: 1854/347-348, 423;
Coke burning: 1853/475;
Gas burning: (Natural gas): 8-86/50
Oil burning: 1867/727, 793; Experiment on Fitchburg RR burning oil 9-23-82/710
Peat burning: 1865/253, 1089; 1866/606, 707, 973, 1044, 1234; 1869/226
Crampton design, V19 5-9-46/296; V20 5-8-47/293294 & with drwg 5-22-47/325-326;
Fontaine design: 1880/1285; Performance 5-14-81/515; 2nd loco. under const. by Rogers 7-23-81/836; Loco. #2 first run 11-4-82/870
Galloway loco. freak, V20 8-7-47/505;
Pearson's freak 4-2-4 with firebox in the center with drwg V21 7-1-48/424;
Ritchie's opposed piston freak 0-2-2-2-0 with drwg V21 11-25-48/760-761
Shaw design 2-17-83/164; built by Hinkley 2-18-82/97;
Strong design 12-2-82/950

LOCOMOTIVE COMPONENTS
Note: For patented inventions, only those illustrated were indexed here.)
Bells: 1869/1037
Boilers: Norris boiler for anthracite coal, V21 9-9-48/579; Safety fuse V21 9-30-48/632; corrugated 1854/133; Beardman coal burning boiler 1859/109; Phleegor anthracite boiler, 1854/795; 1860/439; O. Rothrock's twin boiler design 8-84/150-151
Cow catcher: See Pilots
Cylinders: Outside versus inside connected 1853/618, 699;
Drivers: Winan's cast iron driver drwgs V20 6-19-47/392 & insert & 4-17-47/249 & insert
Feed water heater: 1860/717; 1874/135;
Gauges: Ashcroft steam gauge 1855/following page 208 in adv. section.
Headlights: Olcott & Bros. 1852/286; Utica Headlight Co 1869/1181, 1206; Electric 6-84/107; Electric 12-84/297-298; design of John R. McCormick 5-85/55-57; Handlsan's design 9-85/182;
Injector: Sellars Girard injector 1860/902;
Lubricator: T. B. McNiese design 5-86/62-64;
Pilots: O. Rothrock's safety design 7-84/118-119; Lake's design 10-83/288
Reversing gear: reverse valve 12-16-82/1016;
Sanders: Drwg new concept V13 8-15-41/109-112;
Signals, cab: 1880/701;
Smoke Stacks: See Spark Arresters.
Spark arrester: Young's arrester V4 1835/436; Jones' design, V5 1836/247; Matthew's design, V12 4-1-41/199-200 & 1852/555; French & Bairds V18 2-20-45/114; Radley & Hunter 1858/488 & 637; Ferrand 1873/1452; Cotter's design 9-83/234; Hunter arrester 4-84/20-21; Chas. B. Loveless design 5-85/52-54; Smoke 1861/615; smoke consuming device 11-25-82/930-931;
Tenders: Coaling tender while in motion 12-83/379;
Traction increaser using electro magnetism designed by Nickles, V24 12-20-51/807;
Truck: Norris two wheel pilot truck 1860/1117;
Whistles: Harrison's automatic whistle for grade crossing alarm 1857/265; Sound of whistles 1866/853; Whistles: V6 1837/554;

MAPS: 1838 map of Mass, Ct, RI & NY. at front of Vol. 8, 1839/ ; Profile of RR lines East Coast to Great Lakes V12 2-1-41/at front; RRs of New England V22 10-6-49; Profile of RR to Pacific Northwest from Chicago 1853/insert 753; Map of proposed railroad line to Pacific North West insert 1853/721;

MISCELLANEOUS:
Adams Express Co. 1880/752;
Baggage checks 1859/477; 1860/757
Box car dumper 11-85/251-254;
Commuter passengers 1862/357;
Double heading trains, dangers of 1858/601
"Drummers" (salesmen) 1868/1142;
Expositions: Chicago Railroad Exposition: May - July 1883 issues has articles.; Philadelphia Centennial Exposition: 1876/577, 609, 675-677, 709, 1399; 1877/narrow gauge RR 60;
Fast frt. service California to New York, 10 days, 1877/429; Fast freights: 1866/1107
Fast train runs: 1852/758; New York to Buffalo, 1852/429; Transporting cattle from the West to Boston 10-28-82/850;
Fastest trains in the world in 1883 10-83/296;
Ferries: "men" and "women" replace "Ladies" and "Gentlemen" on ferries, etc. 6-84/79;
Lanterns: Hover & Horner hand lantern, 1856/400; Brady lantern1869/1293, adv. 1320;
Milk traffic to New York City 1862/987
Oil cans: Long nose 9-83/236;
Rates for passenger and freight in 1839 on U.S. RRs, V8 1839/188; RRs and rates of fare in the U.S., England, & Belgium compared, V9 1839/5-14 & 39-41; RR frt. rates and fares on 68 RRs in 1848 V21 7-22-48/467-468; Frt. rates on oil shipments from Bradford area 1879/1207
RR rights of way and costs, V9 1839/193-198;
"Runners" to divert passengers to railroads, 1854/289, 405; 1858/633
Station architecture: From "Century" Magazine 6-84/101-102; & 1-85/321-322;
Stock watering 1854/330-331, 769-772; Stock frauds 1871/345-346;
Sunday train operation 1858/276; 1880/1269; 7-83/116-118;
Ticket punches: origin 3-24-83/297;
Tickets, interline, origin 3-24-83/297;

Timetables: Beginning in January 1845 the magazine published timetables of many railroads. A summary list appeared occasionally such as V18 4-17-45/256;
U. S. Post Office: V12 6-15-41/353-356 & 7-15-41/60-61 plus some lesser items in later issues.; V14 1-1-42/12-15; R.P.O. cars 1874/481-482, 837, 995, 1019;V18 4-3-45/218-221; V20 12-4-47/770-771 & 12-11-47/786; Mail and govt. V21 1-1-48/1, 2, 5-7; 2-5-48/88-89; Fast mail train 1876/220; Ry. mail service 1879/1229; mail cars 1879/871; Mail bag catchers, De Lanoy's design 5-85/54-55
Uniforms for conductors 1855/555;
Weight scales: Fairbanks 1852/280, 301;
Wm. Kasson's locomotive express delivery company 1853/719;
Words "railroad" and "railway" differences in use 9-84/175;

RAILROADS
Railroads versus canals, an 1812 study by Col. John Stevens, V1 1832/36-37
History of American RRs 1831-1842 V16 1-1843/2-16; Retrospect on railroad progress in American: 1-84/413-415 & 2-84/452-453 & 3-84/500-501 & 4-84/7-8 & 5-84/39-40;
List of RRs in the U.S. in 1834 in operation, under const. or planned, V3 1934/433 & 451-453 & 466-467; in 1840 V24 1-4-51/9-10 & 1-11-51/22-23; in 1847 built or about to be built V20 3-13-47/169 with insert & 4-10-47/233 & 4-17-47/249; RRs in operation or under const. as of 1-1-48 and roads opened in 1848, V22 2-10-49/89-90 & 2-17-49/104-105 & 2-24-49/114 & 3-3-49/129; in 1849 V23 1-26-50/57; Railroads in the U. S. in 1850, V23 7-27-50/?; in 1854/10-12; 1855, 1855/9-11; 1856/1-3; 1857/1-3, 1858/1-3; 1859/ mileage rolling stock, finances 1859/763-766 (and at least monthly in late 1859 and 1860; 1861/2-6; 1862/10-14; 1863/2-7; 186410-16; 1865/10-15; 1866/9-14; 1867/5-10
Railroad to the Northwest: with map and profile 1853/ 705-709, 721-716, 737-742, 753-756, 769-772, 785-789, 801-805, 817-820, 833; 1854/340, 564;
Importance and advantages of railroads, V3 1834/770-773, 803-806;
Changing trains in 1847; the need for thru service V20 12-18-47/808-809
Atmospheric (See also pneumatic); V15 11-15-42/296-302; V217 1844/26-30 & 214-220 & 225-246 with drwg & 257-267;V18 2-30-45/115-116 & 4-24-45/267; V18 5-8-45/299-301; V18 7-17-452 & 453; V18 11-27-45/755; 65 mph V18 10-19-45/661; Brief articles in 1845 & 1846 not indexed; V19 10-3-46/634-636; Mallet's plan with drwgs V19 1-3-46/6-7, 9; 1-10-46/26-27; Nichol's system with drwgs V19 1-10-46/20; Croydon Ry with drwgs V19 1-17-46/43-45 & 1-24-46/52-56 & 60; 1852/French design 723-724;
Causes of failure of many RRS (1842): V14 1-1-42/4-8 & 2-1-42/65-71 & 78-84; 2-15-42/98-102; 3-15-42/162-166; 4-14-42/231-234;
Cog: See rack
Contractor's portable railroads 1868/338;
Electric RRs (See also electric locomotives): V9 1839/97-100 & 129-131;
Elevated RRS: See STREET RYS
Gauges: See TRACK.
Gravity RRs: 1865/897
Hydraulic Rys: V15 12-1-42/332-336
Incline Planes: V1 1832/466-467, 513, 516, 544, 564, 596; V5 1836/614,; Special cars for with drwg. V5 1836/764; Loco. G. Washington test on Phila. & Col. RR which disproved need for planes V5 1836/815; Incline plane car V5 1836/764 & V6 1837/113; Incline planes vs. loco. power V21 9023048/609-610; James S. French experimental railway at Richmond, Va. with 4% grade, V24 2-15-51/98; 4-5-51/215;
Manure & farm railways: 1866/630;
Mono Rail (also in 1832-33 called Suspension RR) There were various short items but only one article in 1833 that covered the topic well, V2 1833/820; V7 1838/389-390b ; 1871/762; 1873/1613; 1875/315, General Stone's elevated at Phoenixville, Pa. 1875/1307, 1347; 1876/1199, 1231, 1106, 1326, 1551, 1557, 1622; Meigs bicycle elevated RR 3-31-83/326;
Narrow gauge: Costs 1871/459, 565; operating advantages 1871/790; 1874/1308; Mileage and costs & under const. 1878/175; Advantages of N.G. 1878/1177; Growth of the N.G. system 1-13-83/28-29; Gauge changing turntable for frt. car trucks 11-11-82/896;
Passenger service: Sleeping cars service N. Y. to Los. Angeles thru Texas 1-20-83/70;
Pneumatic Ry (See also Atmospheric Rys) : with drwgs V4 1835/433; V15 10-15-42/270; 1864/939, 940; 1865/750; 1873/Beach patent 485;
Poor const. of Rys in the 1830s, V15 8-15-42/116-125 & 11-1-84/274-282;
Portable Rys for contractors, farms, 1866/630;
Rack Rail Rys: 1866/1116; See also Mount Washington RR;
Subways: See STREET RYS
Tramways: Origin of name, 1876/1584;
Undulating RRs: V3 1834/2, 114, 129, 146, other shorter articles in 1834 and 1833
Wind propulsion: Using sails and wind, V6 1837/227;
Wooden railroads: 1868/1117, 1145, 1166; 1869/ 336, 792, 1406, 1457; 1871/1154; 1873/42, 1484, 587; 1874/745, 1445; 1875/1028; 1876/829; 1878/758;

SIGNALS
Signal use in Gt. Britain, V9 1839/269;
Semaphore signals with drwgs V19 7-18-46/455-456; Loco. whistle signaling V19 10-17-46/662; Semaphore interlocking signals 2-10-83/ , 2-17-83/151, 2-24-83/194
Signal systems with drwgs in 1853: 1853/564-566
Signals 1853, 1854/148; drawbridge signal 1854/515; Drawbridge signal 789; 1876/861; Roswell & Congers design at Stratford, Ct. 10-86/217-219;
Switch signal, electrically operated 1869/679
Grade crossing warning signals, electric, 1871/1213; 1873/ Chapman's 1185; McLeod's Air RR Signal Co. highway crossings 8-26-82/632 & 9-23-82/724
Station signals (Eastern RR): 1874/65; telegraph operator's train order signal, James N. Toole & semaphore signal 12-85/284-285.
Hall Ry. Signal Co.: 1874/organized 67;
Union Electric Signal Co. 1879/1285;
Cab signals of Locomotive Cab Electric RR Signal Co. 1880/701;
Electric signals 4-2-70/369-370;
Electric time signal, Cornell's, instead of track circuits 2-86/352-353;

STREET RAILWAYS , ELEVATED AND SUBWAY
Note: Beginning in 1860s the first issue and usually all issues listed all horse car lines, mileage, horses, number of one and two horse horse cars.. This continued for many years. In 1883 the magazine instituted a tramway regular feature. In 1884 the first magazine devoted to street railways appeared. Until that time the *Am. RR. Jr.* was the best source for information. In 1883 it had many illustrations of rails, coin collection systems, etc.
History of city pass. rys 1859/567;
Cable Rys: advantages 10-83/276; Leavitt elevated cable st. ry 10-28-82/852; History of cable traction 1-84/416-417 & 2-84/459; Feasibility of cable RRs 6-84/83-85 & 7-84/114-116 & 8-84/146-147 & 9-84/177-179 & 10-84/210-211; Cable traction problems 4-85/15-16; Practicality 8-86/154-155;
Horse cars: John Stephenson Co (their first advertisement) 1862/361; Canopy over horses 2-85/380; "Bobtail" cars 11-85/244-245; horse car starters (springs) 1869/1017; 10-83/280; Lane & Throrp's horse car starter design 2-86/354-355; Horse car starters 4-86/21-22; Horse cars of J. Gould & Co. (Albany, NY), 1867/556; McNary & Claflen Mfg. Co of horse cars at Cleveland, 1871/314, 317-318; Horse cars - heating: 1-27-83/78, 2-24-83/170, 11083/330. Also other articles in 1883. Freeman S. Hunter horse car heater 3-85/388-389;
Electric Rys: Bentley Knight electric Ry system 8-85/146-148;
Elevated: New York City 1854/348, 366, 405 Ry for Broadway, New York City V20 1847; 1867/432; Meig's elev. Ry 3-4-82/142; Riley's Elev. Ry system 2-84/460; Perley & Hale Elev. Ry system 5-86/58-60.
Subways: First London subway 1862/317;
Tramways: Origin of name 1876/1584;
Locomotives: (See also LOCOMOTIVE section.)Dummy steam locos. for street rys 1862/537l, 1868/1141; 1878/549, 342; Steam loco. tramways, problems with: 10-83/275 Pneumatic locos for trams, 1878/430; Tramway loco. of N. Scott Russell described & illustrated 6-84/84;
Steam street cars: Baxter Steam Street Car Co (Newark, NJ) of Bolen & Crane Mfg.Co. 1871/983, 1126, 1295; Hill"s design 5-84/49;
Caustic soda street motor car, Honigmann design in Germany 4-86/9-10;
Compressed air street car 1871/1126; Mekarski compressed air motor experience 1-86/313; Beaumont Compressed Air Co. formed to make motors in N.Y.City. 7-1-82/466;
Rail: 6-83/92-94, 11-83/325-328; T rail for tramways 5-84/47-48.
Turntable, portable tramway turntable and switch 10-83/278;
Street sweeper and snow plows of Geo. G. Gibson of St. Louis 5-86/55-56;
Painting: 11-83/323-325; 12-83/368-372;

SUPPLIERS EXCEPT LOCOMOTIVES AND CARS
Brady Lantern: 1869/1293, 1320 adv.
Miller Platforms and buffers 1868/1167
Montour Iron Co: Process for making T rails V18 12-25-45/828; V19 4-18-46/251;
Utica Headlight Co: 1869/1181, 1206
Whipple Car Seat Co. 1869/840, 843;

TRACK
Note: There were many references to track. I indexed only those articles which had drawings or seemed unusually good.
Gauge: Uniformity in gauges, V1 1832/51; V3 1834; V5 1836/33; V8 6-1-1839/ gauges of 4' 8 1/2" to 7' discussed, 325; Gauges used in the U.S. and where, V19 3-26-46/203-205 & 212-214; 4-11-46/233; Discussion V20 11-20-47

740-742 & 760-761 & 774-776 & 792-793 & 808-809 & 820-821; V24 8-23-51/531-533; 9-13-51/567; The 4 gauges of RRs from Buffalo to Erie 1852/232; General discussion 1853/405-407; Discussion of Std, 5' 5'6" and 6'.1854/606; 42" gauge used in Norway 1867/793; changing freight cars 1869/875, 1013; Canadian Ry gauges, list of Rys and gauge 1871/962;

Track drawings of 1832: V1 1832/17, 50, 118, 226; Track design, V5 1836/81;

Track Chairs (Tie Plates): (These all have illustrations.) V3 1834/817, 820; Scrimner's design V5 1836/276; Curtis design V7 1838/47; Buck's chair for I rail, V7 1838/95; Bucks wedges for chairs, V7 1838/97; V24 12-27-51/832; 1857/147, Morley's chair 218 & 221; 1859/173; Phoenix chairs 1860/339 & 1866/944; Calver design 1866/944; New York RR chair Works design 1866/944; Fisher's 1868/219;

Fish plates: Knox Ry. clamp 1866/709; Pratt's fish joint adv. 1869/396; John Flendell design 6-86/94-95; Avery rail joint 1859?/805; Nichols joint 1877/814; Morgan's joint 8-83/186;

Rails: Iron: Butkley's "guard" rail (cast iron with a wrought iron rod cast in.) There was a tremendous amount that subsequently appeared on his concept much of which I indexed, but not all. It included illustrations of tie the rail, tie plates (chairs), and ties, both wood and stone) V2 1833/210, 242, 258, 260, 276, 307, 354, 610; Z rails in use on about 15 RRs V12 3-15-41/174-188; Cast iron for piling road beds V13 7-15-41/52-54; strap (bar) iron rails and cast iron chairs V15 8-1-42/76-82; Cast iron versus wrought iron, V23 2-16-50/105; Compound rail V24 4-12-51/233-234; Continuous rail (with drawing) V24 1-18-51/43 & 3-15-51/161-163; Lathams compound rail with drwg 1855/208; Lathrop's rail w. drwg 1855/208, Welles & Serrells rail with drwg 1855/208; Tubular 1858/376, 734, 827; Compound rails 1858/744, 777 & 1859/185; Beer's endless rail 1859/476;

Rails: Steel: 1866/897, 1011, 1061, 1251; Iron vs. steel 1867/971, 1109; 3 piece iron & steel rail 1869/503, 763; Steel vs iron & steel 1869/1240; 1871/201;

Rails: Wood, V2 1833/436; V3 1834/65; Wood track kept under water to prevent rotting, V5 1836/545; U rail V21 1-1-48/4; Steele & Middleton's compound bridge rail V22 6-30-49/409; Continuous/compound 1854/575; Wooden railroads 1868/1117, 1145, 1166; Wood 1869/336; Wood 1871/1154;ustrations) Graff's rail joint 1866/853, 867; Proper weight size for traffic 8-85/134-136;

Road beds: Pile road bed track: Hoskin's pile roadbed (later used by the Erie RR) V4 1935/710; V14 3-1-42/129-130 & 4-15-42/225-231; Herron's trellis foundation, V18 11-27-45/760; V19 1-3-46/1, 13 & 6-20-46/394-395;

Spikes: V6 1837 /387; Screw spikes 1868/125, 194; Montignni's patented screw spike adv. 1869/1205;

Switches: V2 1833/770; V6 1837/585; V7 1838/33; Tyler's safety switch V22 9-22-49/602; Landry patented frog, 1852/many issues adv.; James M. Dick safety switch, 1855/443, 492, 541; W. T. Stowell's design 1866/707; Wharton safety switch 1867/532 & 1869/1237, adv. 1345 & 1871/513; switch signal electrically operated 1869/679; Fay automatic safety 2-84/464; electrically operated 1-85/344-346; Purviance's pneumatic switch 8-85/156-157; Anderson safety 5-86/67-69;

Ties: Preservation with Kyanising process and creosoting V13 8-1-41/79-93 & 97-103 & 140-142 & V18 6-26-45/414; Bisse's patented tie V21 6-10-48/371; 1873 creosote preservation 1393, 1447; Dougherty & Bryant's metal ties 8-85/154; A. Gottlieb's metal tie 2-85/377-379; life of various tree ties 8-85/137;

Track: Om poles for marshy land, V7 1838/48; Tee rail, spikes, tie plates, etc used on L.I.RR with drwgs, V7 1838/248-249; Track const. using stone blocks V12 1-1-41/9-16; Herron's trellis ry track, V13 8-1-41/65-68 & 103-105; Description of various types rails and ties and chairs, V18 10-9-45/649-652; Track deficiencies: V24 3-1-51/129-131 & 3-8-51/145-146; Peteler Portable RR Co. contractor's track 6-4-70/645, 646;

Miscellaneous: Track sprinkling for dust V21 7-1-48/418; bumping blocks 9-85/185;

TUNNELS

English tunnels with drwgs: V5 1836/214, 477; V20 5-22-47/330; V20 7-24-47/466

Mt. Cenis, Italy tunnel: See Foreign Countries - Italy. This was the first major European tunnel

Hoosac Tunnel: See Troy & Greenfield RR. This was the first major U. S. tunnel.

Pneumatic rock drills 1869/927

Hudson River tunnel: 1876/958;

Tunnel to Prince Edward Island proposed 7-85/105;

AMERICAN RAILWAY REVIEW 1859 - 1862

This magazine is actually a continuation of the *Railroad Advocate - American Engineer* of Holly. In mid 1857 he announced the new title, but it was two years before it appeared. This magazine was published weekly in New York City beginning July 14, 1859 and continuing for six volumes (three years) discontinuing in mid 1862. It had few illustrations. Much of it appeared to be press releases concerning mostly finances of the individual railroads. Its format was similar to other railroad magazines of the period. However it had considerable non railroad. There were no volume indexes. How much of its railroad contents also appeared in the *American Railroad Journal* I do not know.

This was the final magazine that I indexed, the first having been done four years earlier. I was not consistent in what I did and did not index, but hopefully the more accessible *American Railroad Journal* has much of what possibly I should have indexed but did not. Not indexed July - December 1861.

RAILROADS - STEAM AND STREET

Alabama & Florida RR: Last link on a north-south rail line 9-15-59/1;
Albany & Susquehanna RR: 1-3-61/403 State subsidy 1-31-61/56; financial help 3-7-61/135; 4
Albany Vermont & Canada RR: Train wreck 8-11-59/8; Foreclosed 9-29-59/5;
Alexandria Loudon and Hampshire RR: 2-14-61/861.
Androscoggin & Kennebec RR: 7-19-60/19;
Atlanta & West Point RR: 9-1-59/8;
Atlantic & Great Western RR: 7-19-60/19 ; 8-9-60/72; Report 7-3-62/203;
Baltimore & Ohio RR: Finances 11-29-60/326;
Barclay RR: Sold 5-8-62/74;
Bellefontaine & Indiana : Loco. boiler explosion 10-27-59/5;
Blue Ridge RR: 9-6-60/135; 12-20-60/377;
Boonton RR (NJ): Planned 11-24-59/1;
Boston & Lowell RR: 3-13-62/364;
Boston & Maine RR: 8-30-60/114;
Boston & Worcester RR: 3-13-62/365-366 report;
Broadway Ry (Brooklyn) Proposed 3-26-61/185; 3-20-62/382 & 4-3-62/413;
Brooklyn City & Newtown RR: 9-16-60/153;
Brooklyn City RR: 9-27-60/183-184 & 10-4-60/200; iron car tested 12-16-60/359;
Brooklyn Grand St. Ry: Opened 11-8-60/280;
Brooklyn Horse Rys: described 9-29-59/5;
Brunswick & Florida RR: 12-6-60/343;
Buffalo & Erie RR: Trains and locos. 9-15-59/5;
Buffalo & Lake Huron Ry: merger with Grand Trunk 5-22-62/105
Buffalo & Pittsburgh RR: 11-29-60/326;
Buffalo New York & Erie RR: 6-20-61/376; Report 3-13-62/364-365;
Buffalo St. Ry: Office bldg 7-4-61/410;
Burlington & Missouri River RR: 9-1-59/8; Opened 9-15-59/10-11
Camden & Amboy RR: First loco *John Bull* 4-25-61/247; "John Bull" loco. original drwg 2-20-62/309-310; Loco. #9, "North America" 5-8-62/67+insert; 5-15-62/84;
Catawissa RR: 4-17-62/24-25; 5-1-62/57-58;
Cedar Rapids & Missouri River RR: 8-16-60/86; 4-4-61/200;
Central Ohio RR: Report 12-27-60/387;
Central Pacific RR: Route needed 12-6-60/342; 1-8-61/7; 3-7-61/134;
Central RR of New Jersey: Loco. "Lebanon" test of magnetism for adhesion 9-22-59/3-4 & 10-6-59/7; Experiences with different fuels 2-28-612/118;
Chemung Ry: Wreck 9-8-59/11;
Chicago & MIlwaukee RR: 2-7-61/71; Report 4-10-62/8
Chicago & North Western RR: Opened to Oshkosh 10-27-59/12; 11-15-60/294;
Chicago & Rock Island RR: Davenport, Ia. bridge 9-25-60/245; Missouri River bridge burning 12-27-60/? & 1-5-61/405;
Chicago Burlington & Quincy RR: 11-1-60/259; Report 7-3-62/202;
Chicago Iowa & Nebraska RR: 4-7?-61/198;
Chicago Rock Island & Pacific: Growth 9-18-60/229; 1-5-60/7;
Cincinnati Hamilton & Dayton RR: Annual meeting 6-12-62/149;
Cincinnati Horse RR: Greice and Long steam car being built 12-20-60/377;
Cincinnati Wilmington & Zanesville RR: Report 4-3-62/407;
Cleveland & Pittsburgh 5-17-60/297;
Cleveland & Toledo RR: Finances 4 years 4-5-60/201; 4 year report 8-30-60/121;
Columbus San Antonio & Rio Grande Ry: 11-29-60/322;
Connecticut River RR: Accident 8-11-59/12;
Covington & Lexington RR: 10-20-59/5;
Dayton & Western: 1-17-61/22;
Dubuque & Milwaukee 4-4-61/208;
East Pennsylvania Ry: completed 9-15-59/8;
Eastern Ry (Mass) : Directors 7-28-59/8; Report 2-6-62/284;
Eastern Texas RR: Track laying 2-21-61/104;
Eaton & Hamilton RR: Sale 2-27-62/328;
Elmira & Williamsport RR 5-15-62/89-90;
Erie & Ontario RR: Report 1-2-02/205;
Erie RR: See New York & Erie RR
European & North American Ry: 10-27-59/8; 5-17-60/298; 1-31-61/58;
Fall River RR: 2-28-61/118;
Flint & Pere Marquette RR: 6-28-60/392; 1-31-61/56; 3-7-61/134-135; opened 2-20-62/312;
Fulton County RR: 5-22-62/101;
Galena & Chicago Union RR: 8-18-59/10-11; Loco. 9-27-60/197; 12-27-60/389; Lease 6-19-62/170;
Grand Trunk: 8-11-59/5; Victoria bridge progress at Montreal 9-1-59/6-7; Victoria bridge 11-17-59/4-5; Competing for western frt. 2-16-60/89-90; 9-13-60/151; 1-24-61/38; 11-8-60/281; 3-21-61/168; Troubles 4-4-61/202; 6-20-61/374-375; Report 7-4-61/406-407; RR against water competition 3-13-62/359; Merger with Gt. Western proposed 3-20-62/380; 4-24-62/41; Merger 5-1-62/56; Merger with Buffalo & Lake Huron RR, Gt. Western Ry 5-22-62/105;
Great Western Ry: of Canada: 8-23-60/101; Royal car (no pix) 9-27-60/182; 11-8-60/279; 12-16-60/373; 2-14-61/87; 3-21-61/168; 4-25-61/250; investigation 5-2-60/263 & 5-9-60/276; Merger with Grand Trunk Ry: 3-20-62/380 & 5-1-623/56 &5-22-62/105;
Hannibal & St. Joseph RR: 9-27-60/199;
Harlem RR: See New York & Harlem RR:
Hudson River RR: Collision 1-26-60/58; Finances for 6 years 4-12-60/213; Improvements 5-10-60/279;
Huntingdon & Broad Top Mountain RR: 1-17-61/23;
Illinois Central RR: Annual report 5-31-60/329; 8-16-60/86; Report 2-28-61/121; Shops 3-27-62/391; 3-27-62/396-397 report; Frt. traffic at Dubuque 4-24-62/36; Coal vs. wood burning locos 4-24-62/42;
Illinois Grand Trunk Ry: Organized 7-14-59/3; 8-25-59/11; 8-16-60/89; 11-1-60/264;
Jacksonville & Lake City RR: Greice & Long steam car 12-20-60/377;
Jeffersonville RR: 12-29-59/12;
Kennebec & Portland RR: 10-18-60/226;
La Crosse & Milwaukee RR: 9-1-59/8; 9-15-59/8; 2-5-60/11; Report 5-23-61/312; 3-13-62/359; Report 3-27-62/398;
Lake Ontario Auburn & New York RR: Report 12-22-59/9;
Little Rock & Fort Smith RR: 1-5-61/410;
Long Island RR: Glen Cove branch 10-27-59/5;
Louisville & Lexington RR: 3-28-61/182-183;
Louisville & Nashville RR: Cumberland River bridge 1-12-60/25 & 2-16-60/83; 4-4-61/197; Memphis Branch 8-30-60/114;
Louisville New Albany & Chicago RR: 4-11-61/210-211;
Macon & Western RR: 2-5-60/8; 1-17-61/19;
Marietta & Cincinnati: foreclosed 3-8-60/138;
McKean RR & Nav. Co (Pa): 7-21-59/4 & 8-11-59/10;
Memphis & Charleston RR: 12-29-59/9; 9-20-60/166;
Memphis Branch Ry: 8-30-60/114;
Michigan Central: 7-21-59/11; cars and locos 9-29-59/7; Finances 4 years 4-5-60/20; History 4-25-61/245;
Michigan Southern: Finances 6 years 4-5-60/201; Prospects 5-10-60/281-282; 50' sleeping car for 56 people (Wow!) 4-4-61/208;
Michigan Southern & Northern Indiana RR: Annual report 1-26-60/55; History 2-21-61/98-99; Report 4-24-62/40-41;
Milwaukee & Chicago Ry: Report 9-15-59/11;
Milwaukee & Horicon RR: finances 10-20-59/12;
Milwaukee & Prairie du Chien 4-10-62/9
Milwaukee & Western RR 4-10-62/9
Minnesota & Pacific RR: To be built 3-13-62/359;
Mississippi & Missouri RR: 12-1-59/7; Shop, no pix 11-29-60/329; 8-30-60/124;
Mississippi & Tennessee RR: 9-25-60/243;
Mobile & Great Northern: 9-13-60/151;
Mobile & Ohio RR: 3-8-60/139;
Nashville & Northwestern RR: 8-11-59/6;2-14-86;
Naugatuck RR: Squabble with N.Y. & N.H.RR 9-15-59/8
Nebraska & Lake Superior RR: 3-28-61/179;
New Jersey RR & Transportation Co: The RR and state of N.J. 3-15-60/153; Report 3-20-62/380-381; Annual meeting 6-12-62/148; Running on left track 6-26-62/183;
New Orleans & Texas 9-6-60/130;

New York & Erie RR: Bergen tunnel 8-11-59/7; Report 8-18-59/8; 33 mile ride on hand car by Rev. Henry Ward Beecher 8-25-59/7; Officers 9-1-59/8; Bergen tunnel riot 9-22-59/12; Finances 10-20-59/4; Selling bonds 11-24-59/1; meeting in London 12-22-59/8; 11-8-60/278; Bergen tunnel completed 2-14-61/87; Long Dock Co. 5-15-62/90;
New York & Harlem RR: History 2-7-61/69; Report 2-13-62/301;
New York & Jamaica RR: 10-27-59/5;
New York & New Haven: Schuyler fraud 8-25-59/8 & 9-15-59/8; Naugatuck Ry squabble 9-15-59/8; Finances 5-17-60/293; 7-5-60/409; Report 5-29-61/330; 5-15-62/88-89;
New York Central RR: Frt. charges 10-27-59/8; Adverse Legislature 1-12-60/23-24 & 1-19-60/39; Back tolls 8-2-60/53; Law suit 9-27-60/178; Back tolls 1-24-61/41; Intends to make iron frt. cars 4-4-61/197; Compared with Pa. RR 3-6-62/348, 349;
Northern RR of New Jersey: 11-24-59/6; 5-15-62/89;
Ohio & Mississippi RR: 6-27-61/386; Sale 6-26-62/183
Osage Valley & Southern Kansas: 4-26-60/242;
Ottawa & Prescott Ry: bonds 10-27-59/5;
Pacific RR of Missouri: See Central Pacific RR.; In late 1860 and 1861 had many articles on a Pacific RR. 5-29-61/323;
Parkville & Grand River RR (Mo): Organized 11-24-59/11; 12-6-60/341;
Pennsylvania RR: Investments in Ohio & Pa. RR and Pitts. Ft. Wayne & Chi. 12-29-59/5; New rivals and proposed route across Penna. 9-6-60/135; Lawsuit by the state 1-8-61/3; Bridge over Schuylkill River, Phila. 5-1-62/51; Compared with N. Y. C. RR 3-6-62/348, 349;
Philadelphia & Baltimore Central RR: 2-13-62/302;
Philadelphia & Columbia RR: Report 4-24-62/41;
Philadelphia & Erie RR: 4-3-62/408-409;
Philadelphia & Reading RR: Performance 1843-1858 9-8-59/10; Finances 1855-60 8-9-60/73; 8-23-60/101; Anthracite coal 4-18-61/230;
Philadelphia City Ry: Steam engine built by A. L. Archanbault, 2 tons 9-22-59/10;
Pilot Knob Cape Girardeau & Belmont RR: 2-14-61/87;
Pittsburgh & Connellsville RR: 12-27-60/394;
Pittsburgh Fort Wayne & Chicago RR: Steam car by Baldwin 3-8-60/144; Report 5-9-61/288;
Potsdam & Watertown Ry: 8-11-59/10;
Quincy & Torch RR: Problems 5-15-62/85;
Racine & Mississippi RR: 5-15-62/85
Raritan & Delaware Bay RR: 6-14-60/360 ; 6-28-60/392;
Reading RR: See Philadelphia & Reading
Richmond & Covington RR: 4-17-62/26;
Richmond & Danville RR: 2-14-61/85;
Sabine & Rio Grande Ry Co. of Texas: 5-17-60/294;
Saint Lawrence & Atlantic RR: Victoria bridge progress 9-1-59/6-7;
Saint Louis & Iron Mountain RR: history 10-27-59/4; annual report 12-15-59/1;
Saint Louis Alton & Chicago RR: 10-11-60/216;
Saint Paul & Fond du Lac: Wreck kills 14 11-17-59/8;
San Francisco Market St. RR: Loco. car #1-4 1-30-62/261
Scioto & Hocking Valley RR 2-15-62/302;
South Side RR (L.I.) 7-28-59/2; 12-1-59/5;
Staten Island RR: 12-22-59/8; 6-6-61/344;
Sunbury & Erie RR: 12-16-60/358; 1-8-61/7; 2-14-61/89; 2-21-61/105;
Terre Haute & Indianapolis RR: report 1-8-61/3;
Terre Haute Alton & St. Louis RR: Report 9-29-59/10-11;
Toledo & Wabash RR: Defaults 8-4-59/8;
Toledo Logansport & Burlington RR: 7-28-59/7; Review 9-18-60/229;
Toledo Peoria & Burlington RR: 10-13-59/12;
Troy & Greenfield RR: Hoosac Tunnel 2-23-60/107; 4-10-62/16; Tunnel controversy 5-1-62/53, 56;
Uniontown & Jackson RR: 12-13-60/358;
Vermont & Canada RR: Described 12-29-59/10;
Vicksburg Shreveport & Texas RR: 9-20-60/166; 12-13-60/358; 3-7-61/133;
Washington & Alexandria RR: Reorganized 5-15-62/85;
Washington & Georgetown RR: 6-5-62/133
West Chester RR: Baldwin 17 ton tank loco, no pix 6-13-61/358;
Western North Carolina RR: 12-6-60/339;
Western RR of Massachusetts: Report 5--1-62/51-52;
Western Vermont RR: Report 1-23-62/252;
Wilmington Charlotte & Rutherford RR: 12-16-60/371;

CARS AND SELF PROPELLED CARS

Brakes: Chambers & Champion's design 7-12-60/1;
Gilbert & Co's Troy, NY works 1-31-61/56;
Greice & Long: Steam pass. car 5-10-60/273-274; 2 cars being built 12-20-60/377
Iron cars: Iron Ry cars of Cundell 9-8-59/6; iron street car tested 12-16-60/359; Iron frt. cars for N.Y.Central RR 4-4-61/197;
Seats: Danner's reclining seat chair and leg rest 3-8-60/145 & 3-29-60/185; Lockwoods head rest for coaches 4-26-60/241;
Springs: India rubber springs 12-6-60/337;
Steam cars: 5-2-61/272;
Trucks: Allen's center bearing 1-26-60/49; Bissell truck 2-9-60/70-71 + insert;

LOCOMOTIVES AND BUILDERS

Baldwin Loco. Wks: Described 6-27-61/390;
Moore & Richardson Loco. Wks 3-7-61/138;
Rogers Loco. Wks: 11-15-60/293;
Condensing locos 6-13-61/361;
Dummy locos: See STREET RAILROADS
Fuel: Coal versus wood for loco. fuel; 12-29-59/8; Anthracite coal 4-18-61/230;
Headlights: tested 10-20-59/8; patent of Dr. Geo. H. Smith 11-17-59/3-4; 6-20-61/378; Lubricators: Mark's design 9-27-60/177;
Locomotives, magnetizing drivers 12-15-59/6;
Raub loco. 5-22-62/97-98;

STREET RAILROADS

Dummy locos pros and cons 2-9-60/76, 2-16-60/87, 2-23-60/98
Iron street car tested 12-16-60/359;
New sof city RRs and dummy locos 6-21-60/377;
Steam cars 12-20-60/377, 5-10-60/273-274;

MISCELLANEOUS

Missouri, History of RRs in: 7-14-59/5, 8-4-59/5, 8-11-59/10-12; 10-27-59/4; 11-3-59/10;
Panama: RR 1-19-60/40;
Track: Cast iron rails and stone pedestals 1-12-60/21;

AMERICAN RAILWAY TIMES - RAILWAY TIMES 1849 - 1872

This Boston published magazine was initially a daily in newspaper format beginning in September 1849. Only three issues for 1849 are in existence. Vol. 2 begins Jan. 1, 1850 as does each succeeding volume. It became a weekly in January 1850, but retained the newspaper format (4 pages, large sheets, small type with news on only part of two pages) until Jan. 1, 1860. A few copies are missing from the microfilm reproduction.

Boston was an important financial center and the magazine carried articles on railroads planned for the South and the West.

Initially it had only current railroad news with only one page partially having that. Page 4 carried timetables of all railroads in Mass., Ct., Vt., N.H. and R.I. With some exceptions, I indexed only the New England railroads unless the articles were lengthy (and for them I was not consistent.) Most are current news items, which may also have appeared in a regular newspaper, or reports which probably were sent to other railroad magazines. Some the names are not the correct; they are what the magazine called the road.

By 1854 it had extremely little on New England I suspect that most of the information on New England railroads is inconsequential and appeared in local area newspapers, and the non New England material had also been sent to the *American Railroad Journal.*

It ceased publication November 2, 1872 without giving a reason. The magazine has been microfilmed in the *American Periodical Microfilms*, reels 1726a-1733. Most large universities have purchased the entire series. A typical issue had material on five to fifteen railroads, most of which I did not index. Presumably (hopefully) the *American Railroad Journal* also carried the material or most of it, and that I did index.

In the 1860s the magazine carried many articles on iron railroads bridges and boiler explosions.

The magazine was the first to carry theoretical and practical considerations for locomotive design in a series of articles by Zerah Colburn in 1852. Colburn was the first locomotive author. He was followed by Matthias Forney and Angus Sinclair and lesser authors such as George Walker.

Because the page numbers are indistinct I did not index the page number if the article had a caption naming the railroad.

U. S. aAND CANADIAN STEAM RAILROADS
Agricultural Branch Ry (to Northboro') 6-25-64
Alabama & Florida RR: 9-14-54; 6-5-58. 8-27-57;
Alabama & Mississippi RR: 12-4-51;celebration 8-3-54;5-29-58;
Alabama & Tennessee Rivers RR: 10-30-51;7-31-58; 7-23-57;
Albany & Plattsburg RR: 3-25-52;
Albany & Rutland RR: 12-15-53
Albany & Schenectady RR: 7-24-51; 7-4-50
Albany & Springfield RR: 5-9-50/1
Albany & Susquehanna RR 8-7-58; State aid 3-16-61; Was with N.Y.&E.RR 8-14-69 & 9-11-69; 7-25-63; Opened 10-10-63; 2-11-65; Erie RR War 8-14-69/262 & 9-11-69/290
Albany & Vermont RR: 3-28-50/2
Albany Bennington & Rutland RR 5-2-50/2; 5-23-50/1
Alexandria Loudin & Hampshire RR: 11-10-534-27-54; 11-8-55; 11-22-55; 10-2-56; 11-3-56;
Allegheny Valley RR:9-2-52; 8-18-53; 3-9-54; 3-8-55; 5-8-56; 5-22-56;
Alton & Sangamon RR: 5-8-51; 9-4-51; 11-6-51;
Alton & Springfield RR: 5-22-51;
Alton & Terre Haute RR: 5-20-52; 8-19-52;
Androscoggin RR: 8-21-51;
Androscoggin & Kennebec RR: Opened 12-1-49/2; 7-11-50/2; 7-18-50/2; 10-3-50; 7-10-51; 7-21-53; 7-6-54; 7-3-56; 7-10-58; 7-9-59;
Arkansas railroad movement 1-15-52
Ashtabula & New Lisbon RR: 6-8-54; 11-23-54; 2-28-56; 3-20-58; 5-7-57;
Ashuelot RR: 1-16-51;5-29-51; 4-22-52;
Atlanta & La Grange RR: 9-6-57
Atlanta & West Point EE: 9-28-58; 8-20-59;
Atlantic & Great Western RR: Regulation 10-23-58; Reorganization 9-30-71/307;11-18-71/365;
Atlantic & North Carolina RR: 10-4-55;
Atlantic & Pacific RR: 6-29-54; Survey 8-24-54 11-8-55 & 11-15-55 & 11-22-55 & 11-29-55;
Atlantic & St. Lawrence RR: 5-23-50/1; 4-21-53; 12-14-54; 7-27-61; 8-24-61; 8-23-62; 8-16-58; 11-7-50
Attica & Allegheny Valley RR: 6-30-53; 11-17-53;
Auburn & Rochester RR: 5-23-50/2, 6-13-50/2
Auburn & Syracuse RR: 5-23-50/2;
Augusta & Waynesboro RR: 1-25-55;
Baltimore & Ohio RR: The magazine had hundreds of articles on the B&O. Kingwood tunnel 9-6-55; Coal traffic report 10-9-56; 11-27-56;
Bangor Orono & Old Town RR: 4-11-50/2
Barre & North Brookfield 7-8-52;
Baton Rouge Grand Tete & Opelousas RR: 5-22-56;
Bay de Noquet & Marquette RR: Proposed 5-3-63
Bellefontaine & Illinoistown RR: 2-3-54'; 5-25-54
Bellefontaine & Indiana 5-8-51;
Beloit & Madison RR: 4-26-55;
Belpre & Cincinnati RR: 6-26-51;
Black River & Utica RR: 2-2-54
Blue Ridge RR (SC) 12-30-52; 12-29-53; 8-17-54; 11-30-54; The RR & tunnel 2-12-57;
Boston & Albany RR:9-19-68/302; 9-19-68;
Boston & Lowell RR: 1-4-55; 1-8-57; 3-27-58;
Boston & Maine RR: annual report 1-10-50/1; Report 8-31-67; Injunction 1-13-73/13; 8-20-51; 9-11-56; 9-18-56; 8-27-59; 10-5-61; 8-31-67;
Boston & Nashua RR: Report 4-11-50/1
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New York & New Haven RR: 5-16-50/2; Monopoly 3-23-67/94; Housatonic River bridge 1-27-72/31; New 42nd St. sta. 11-26-70/382 & 8-12-71/249 & 10-7-71/315, 250; Disaster 12-31-64; Schuyler frauds 2-3-66/38; Bridgeport Pequannock River bridge 5-6-71/138; 6-3-52; 6-9-53; 7-13-54; Schuyler fraud 8-17-54; 2 articles 10-5-54; Schuyler fraud 10-5-54; stock 11-9-54; 11-9-54; 11-16-54; stock fraud 11-3-54; 12-7-54; Schuyler fraud 5-3-55 & 8-9-55; 9-20-55; Schuyler fraud 3 articles 7-3-56; 7-10-56; Schuyler fraud 10-8-57; 5-29-58; Schuyler fraud 8-27-59; 9-17-59; 11-22-61; monopoly 3-23-67;
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New York Central RR: Directors meeting 8-3-67/246; Monopoly 12-26-68/412; New 42nd St. sta. 11-26-70/382 & 8-12-71/249, 250; & 10-7-71/315: Script dividend 6-3-71 & 6-24-71; Watered stock 1-15-70/22 & 1-22-70/30; Loan 6-15-54; 7-27-54; 8-3-54; 1-11-55; 1-10-56; Consolidation investigated 4-3-56; Report 1-16-58; N.Y. & Erie RR war 8-6-57 & 8-7-58; Whitestown, NY Sauquoit Creek bridge failure 5-29-58; ; director's meeting 8-3-67; monopoly 12-26-68;
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Nova Scotia Ry: 7-1-65; 5-15-58;
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Portsmouth & Concord RR: 5-12-53; 5-16-50/1
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Portsmouth Great Falls & Conway RR: 8-25-66
Potsdam & Watertown RR: 2-19-52; 12-2-52;
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Vermont & Montreal Jct. RR: 4-10-51; 4-24-51;
Vermont Central RR: 4-11-50/1; 5-9-50/2; 5-16-50/2; 6-27-50/2; 7-4-50/2; 8-1-50/1; 5-3-63; 10-20-58; 8-5-52; 2 articles 10-14-52; ; 1-13-53; 8-21-51; 10-23-51 2 articles; 11-13-51; 11-13-51; bonds 11-27-51; 8-3-54; 9-28-54;
Vermont Valley RR: 9-5-50/2; Opened 6-19-51; 7-24-51; 8-21-51;
Vicksburg Shreveport & Texas RR: 3-24-53; 2 articles 12-6-55; 4-24-58; 11-6-58; 2-19-59; 12-8-60/483; 3-2-61;
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Virginia Central RR: Report 3-31-60; 11-23-54; locos. 12-13-55; Route over Blue Ridge grade described 12-25-56; 1-29-59; annual report 1-26-61; annual report 3-20-61;
Wabash Valley RR: 6-17-52; opened 4-17-56; 6-24-52;
Walla Walla Ry: 3-28-631;
Wallkill Valley RR: Rosendale viaduct 3-30-72/104;
Ware River RR: 7-3-51;
Warsaw & Rockford RR: 5-31-55; 4-3-56;
Warsaw Rhode Island & Galen Ry: Report 11-26-63
Watertown & Madison RR: 2-5-57;
Watertown & Potsdam RR: annual report 9-4-51;
Watertown & Rome RR: 11-30-54; 3-13-56; 4-27-61;
West Chester & Philadelphia RR: 2-8-55;
West Chester RR: 17 ton Baldwin loco 6-22-61
Western & Atlantic RR: 10-18-55; 12-4-56;
Western Air-Lime RR: 10-30-56;
Western Maryland RR: 2-15-67; 10-29-59
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Western Vermont RR: 7-29-52; 4-17-51; 2-1-62; 10-10-50;
Williamsport & Elmira RR: 5-15-51; 1-3-56; 5-22-56; 6-5-56; 2-13-51;
Willimantic & Blackston RR: 5-16-50/1
Wills Valley RR: 3-23-54;
Wilmington & Manchester RR: 7-10-51; 3-1-55; 12-12-57; 2-12-59; 2-2-61;
Wilmington & Weldon RR: 1-30-58; 12-12-57;
Winchester & Potomac RR: 11-9-54; 1-16-58; ; 11-22-55;

Woonsocket Union RR: 1-20-53; 4-17-51;
Worcester & Nashua RR: 1-29-52; 4-11-50/1
York & Cumberland RR (Pa): 9-25-51; (Possibly the Me. railroad has Pa., items.)
York & Cumberland RR(Me): 2-13-51; 2-20-51; 8-21-51; 10-26-54; 11-23-54; 10-2-56 ; 9-5-50

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Boston Horse RR: 3-10-50/98; bribery 3-24-60/118;
Jersey City & Bergen Point Pass. Ry: Steam dummy 2-21-63/62?;
New York Underground Ry: 10-12-72/323
Quincy & Boston Pass. Ry: Stream dummies 3-12-64
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PRIVATE RAILROADS
Otwegathie RR (Name ?) from Otwegathcie to Clifton mines, 8 miles and another one in Jefferson County, NY 12-14-67/399

FOREIGN
Great Britain: Tunnel to France 2-10-72/47; Fairlee loco. tested 7-16-70/225;
Panama: 4-24-51; 12-29-53; 2-15-55; 1-30-58 annual report; 5-22-58
Sweden: Narrow Gauge Rys 2-19-70/63 & 8-6-70/149-150 & 8-13-70/257-258 & 8-20-70/265-266 & 8-27-70/282? & 9-10-70/289;

BIOGRAPHIES
Zerah Colburn, obit 5-7-70/150 & 7-23-70/238
George S. Griggs, Boston & Prov.. RR obit 8-13-70/263 & 8-20-70/271

BRIDGES:
In the late 1860s and 1870s it carried much on bridges in particular the Eads bridge but also just about all other iron bridges being built
Iron bridges 4-14-60
Eads Bridge: 7-29-71/235; 1-27-72/25-27; 2-10-72/44-45;

CARS
Iron vs. wood 12-3-70/390 & 12-10-70/396; iron cars 3-10-60/91;
Refrigerator Cars: For western meat 8-31-67/278; 8-15-68/262;
Sleeping: Central Transportation Co. 10-3 (or 5) -63; sleeping cars 3-3-60; W. P. Jackson , Baltimore, Md. design 7-9-59/adv.
Steam Cars: Woodbury steam street car being tested on the Eastern RR 8-11-66/254 & being built 3-17-66/87, 88; Combined engine and car 10-27-60/428; Combined engine and car being built at Massilon, Oh 11-10-60/448;

COMPETITION
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Steamboats versus RRS 2-6-51

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Locomotive manufacturers and owners, supts in U.S. (39 shops) 12-7-54;
Amoskeag Loco. Wks: 11-10-53;
Baldwin Loco. Wks : Mining locos 9-3-70/287? 17 ton loco 6-22-61/244; history 7-6-61; Lithograph of "President" of Cleve. & Pitts. RR 2-12-57;
Baltimore Loco. Works of Hayward & Bartlett: 7-23--64 advertisement & news item; 12-3-64; 10-7-65;
Bells Steam Engine Works (Buffalo)
Osgood (Bradley's first name) Bradley Car Factory 6-13-50/2
Cincinnati Loco. Wks 4-28-66; 2-18-60;
Detroit Loco. Wks: 1-22-57
Grice & Long: Steam loco. design 8-6-64/254 & advertisement on page 257 for steam pass. car; Adv. 3-17-86;
Harrisburg Car Mfg. Co: 4-1-71/98-99
Hinkley & Williams Loco. Wks: 3-16-67/87; 6-13-68/190; Forney loco. design 2-13-69/54
Kentucky Loco. Wks 6-29-54
Lancaster Loco. Wks 8-3-54; 6-29-54; ; 1-29-57;
Manchester Loco Wks 9-23-65;
Mason & Co: Boardman coal burner 6-12-56;
McKay & Aldus Iron & Loco. Wks 7-1-65; 12-16-65; 6-30-66;
New England Steam Car Co (Boston) Joseph P. Woodbury design 3-17-66/87, 88; 8-11-66/254
New York Loco. Wks (Breese & Kneeland) "Gov. Dickerson" loco. 2-28-56
Norris, Richard & Son Phleeger boiler 2-5-57;
Novelty Wks: Hot air loco. tested (failure) 7-10-56
Pittsburgh Loco. Wks formed 9-2-65
Portland Co (Me) 7-30-64; 5-10-62
Rhode Island Works: 6-16-66; 9-29-66; ; 2-29-68/70; new switcher of 2-4-4 type; 9-29-66;
Rogers Loco. & Mach. Wks 5-29-69; coal burners 6-26/58; 12-17-59;
Schenectady Loco. Wks : Described 4-13-72/117; 12-25-56;
Thomas Iron Wks (Hoquandaqua, Pa) : 30" g. loco. 7-2-70/215
Tredegar Loco Wks 3-25-52
Virginia Loco. Wks (Smith & Perkins) auction 12-27-55/adv.
Winans, Ross: 8 wheel car 12-6-55; patent exhausted 1-5-61/ 8;

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BAKER'S RAILWAY MAGAZINE 1896

RAILWAY MAGAZINE 1897 - 1898

This monthly magazine ran for only two years, four volumes. Published in New York, it was well illustrated. It was basically a travel magazine and simple articles on technical subjects such as locomotive descriptions. Volume 2 is at Crerar Library, Chicago, volume 3 (July-Dec. 1897) is at Linda Hall Library, Kansas City. Because Vol. 3 had practically nothing in it, I did not index Vol. 4 nor #1.

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Canadian Pacific Ry: Trip over the line, Winnipeg to Vancouver and return to Montreal with pixs of many bridges. V2 1897/233-263 & 377-383 & 526-545

Chicago Burlington & Quincy: Chas. Eckerson, master mechanic obit V3 7-97/699-700; Joel West, master mechanic obit V3, 7-97/698-699; History of the Fast Mail V3 9-97/905-906

Lake Shore & Michigan Southern Daniel W. Caldwell, obit V3 8-97/701-703;

Lehigh & Hudson River RR: Brown system of discipline V.2 1897/201-202

Long Island RR: Brown system of discipline V.2 1897/200

New York Central: RR Terminals of New York 1 V.3 1-97/1063-1073;

Pennsylvania RR: RR terminal of New York V3 11-97/1063-1073;

Southern California Ry: Memoirs of Rutland Wade, Gen. Mgr. and obit V.2 1897/321-326

FOREIGN RAILROADS

Great Britain: Great Eastern Ry. #701, 2-4-0 oil burner, V.2 1897/294-304

Mexican Central Ry: 1200 miles through the heart of Mexico, V.2 1-97/66-85

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Robt. Garrett, Pres. B.&O. RR V.2 1897/224-228

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BALDWIN LOCOMOTIVES 1922-1943
BALDWIN 1944-1951

The Baldwin Locomotive Works had one of the largest if not the largest factory in the United States during the heyday of steam locomotive construction. They employed over 30,000 at Eddystone at its peak. Five locomotives were turned out daily.

In 1921 they decided to replace their *Records of Recent Construction* with a magazine, and in 1922 Paul T. Warner, then advertising manager for the company, produced the first issue. In 1929 8500 copies were being distributed and issues as large as 84 pages with no advertising were being produced. The feature article in each issue prior to the Depression often ran 20 or more pages, always well illustrated and not just picturing Baldwin locomotives. (Paul Warner was probably the first railroad/locomotive builder official to actively assist railroad hobbyists. He saw to it that unwanted material held by Baldwin reached railfans instead of the dump. He wrote many articles on steam locomotives for the *Railway and Locomotive Historical Society*.)

For this index I have omitted non railroad items which I indexed in my original work. This work, *Baldwin Locomotives - Baldwin Index, 1922-1948,* is available at various libraries specializing in railroad material. I compiled it in 1947 when I was 18. I did not indicate the number of pages in an article. The index that follows is a copied from my original work.

The magazine was a quarterly until near the end of World War II when its frequency became erratic. I have indexed it thusly: month, year, and /page number and if a feature article with an f or F such as 4-23/32F. A capital F stands for a major feature article, often 10 to 20 pages or more. A small f means a lesser feature article. If neither F nor f is shown it may be just a pix, a brief article or a mention in a larger article. This mention could be a paragraph or it could be several pages. <u>The page number is usually the first page of the article and not where the particular pix or text is.</u>

U. S. AND CANADIAN RAILROADS

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Alabama and Vicksburg Ry: 2-10-0 4-25/59f

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Alton & Southern RR: Loco. #15 1-37/9

Arkansas & Memphis Ry Bridge & Terminal Co: Ferry meets an emergency, 1-29/50

Atchison Topeka & Santa Fe RR: <u>Locomotives:</u> #5000, 4-31/47f ; Washout. 1-33/28f; #3461 record run, 1-38/7f; #3460s, 3770s, 5000s, 7-38/9; large tenders, 1-38/9f, 10-32/17; #3776-3785, 11-41/28f; #2900s & 5011s, 3-44/18f; Long loco. runs of 3700s, 1452s, 1309s, 1270s, 7-23/35; first 2-10-2, 4-24/66; #507, 4-4-2, 7-24/25; Decapods, 2-25/17; #3440 & #3745, 7-25/25; fireless locos, 7-25/34; 1200 class 4-6-2 photo, 10-27/38; #4115 stoker, 2-8-4, 1-28/29; Modern pass. locos. photo, 7-30/53; #915, 2-10-2 photo , 7-31/3; #1000 & #1812, 2-6-2, photo 1-32/18; horsepower and wheel diameter, #5000, 1-35/17; Making money with locos (#3461), 1-38/10; 660 hp. diesels, 2-40/31; #2100s, 1000 hp diesels, 11-40/8, 2-42/26
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Columbia Steel Co: (Cal): 0-4-0T 10-27/64
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INTERSTATE COMMERCE COMMISSION REPORTS 1920 - 1983 (FINANCE AND VALUATION)

These books can be found in the libraries of major universities and probably a few large city libraries. The subtitled volumes, *Valuation Reports*, can be found also at the Railroad Museum, Strasburg, Pa. 17579 and the California State Railroad Museum, 115 I St., Sacramento, Cal., 95812

About 1910 the Interstate Commerce Commission commenced publishing the arguments and decisions on rate cases between railroads and between shippers and the railroads. These volumes were called simply *Interstate Commerce Commission Reports*. As the valuations of railroads were completed, these were issued in the same volume number series as *Valuation Reports.* Upon return of the railroads to private control after World War I, and commencing with *Reports Volume 65*, the I.C.C. added the publishing of decisions concerning approval of bonds, equipment trusts, stocks, loans, reorganizations, abandonments, mergers, and railroad purchases. These volumes had the subtitle of *Finance Reports.* On a book shelf the three types of volumes can be easily distinguished because they carry the title *Reports*, *Finance Reports*, or *Valuation Reports.*

Any person doing a corporate history or an in-depth study on a particular subsidiary or branch, who wants to do more than the superficial copying of what someone has previously written, should see these *Reports.* They are primary sources of information on reasons for construction, mergers, need for loans, having to be reorganized (bankruptcy), and abandonments.

The rate case *Reports* have little or no historical value. The *Valuation Reports* give a good picture of the railroad at the time of valuation, 1916-17. I only indexed what the I.C.C. classified as operating companies. Some of these were for all practical purposes, but not legally, leased and operated by another company which eventually acquired the smaller company. The companies which the I.C.C. classified as leased are not indexed. They are only briefly described in the report of the owning company. Much useful material obtained during the valuation process was not published. This includes information on all the equipment, locomotives and cars, owned, maps (particularly helpful for big city terminal switching companies, and pictures of equipment and stations. This material is now at the National Archives at Washington, D.C. filed under the valuation docket number shown in the *Valuation Report.*

The *Finance Reports* have historical value for the information pertaining to mergers, bankruptcy reorganizations, construction or acquisition of rail lines, abandonments, operating information pertaining to customers served, and in later years discontinuance of passenger trains. While some of the items indexed have nothing of value many of the reports have considerable material explaining the need for abandonment or what ever is being covered. Except for local newspaper coverage, these *Finance Reports* are the only potential source for this information. Between 1920 and 1983 more than 60 volumes appeared. I did not index the reports concerning bonds, loans (with one exception), equipment trust approvals, stock issuance, and so forth. This information is available in Poors Manuals.

I indexed Reconstruction Finance Corporation loans. Checking into several, I found that there is often interesting operating data on the railroad besides the information on financial need.

Excess income reports have interesting operating information.

I did not index trackage rights approvals and discontinuances. Any railroad that had trackage rights after 1921 is reported in the *Finance Reports*.. The reason for the need is always given along with approval or disapproval.

I indexed from the Table of Decisions (Contents) without looking at each to determine if it gave only perfunctory information of no interest. I also did not determine the number of pages which ranges from two to a hundred.

Some of the railroads, which are listed, were leased and operated by others, but the index gives no indication of this. For instance the Philadelphia, Newtown & New York RR received permission to relocate part of its line. Actually, this should be considered a Reading RR relocation as the Reading operated the line. If I knew that the railroad was actually leased to another railroad, I determined who the leasing company was and have indexed the item under it also.

Beginning with volume 254, July 1942, an increasing number of cases were not reported in these volumes, being given a few sentence explanation that gives no useful information not otherwise known

Beginning with volume 307, 1958, some passenger train discountenances were described with information on patronage, etc.

The *Finance Reports* were discontinued in 1983 and apparently not replaced by something else.

For the *Finance Reports* I give the volume number, year and / page number. If the volume covered portions of two years I usually give only the first year. *Valuation Reports* show only volume number.

The abbreviation Co stands for County. Misspellings of names is caused by not being able to read my notes accurately.

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Ashville & Craggy Mountain Ry: Valuation, V97
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Astoria North Shore & Willipa Harbor RR: Proposed operation of line in Pacific County, Wash., V99 1925/765
Atchison Topeka & Santa Fe RR (See also Pan Handle & Santa Fe , Calif., Ariz.&S. F. RR, Gulf Colo & S.F.RR and other principal subsidiaries.); Valuation, V127; Acquire the Buffalo Northwestern RR, V67 1921/374-376; Lease authorized California Southern RR, V70 1921/514; Construct two branches in Osage Co., Ok, V72 1922/544; Line extension in Noble Co, Ok, V86 1923/462; Line extension of Dodge City & Cimarron Valley Ry in Haskell, Grant and Stanton Co's, Ks, V86 1923/39; Operation of Richgrove Spur in Tulare Co, Cal, V94 1924/318; New line in Texas and Cimarron Co's, Ok, V94 1924/695; Extends marine operations at San Francisco, V105 1925/349; Corona & Santa Fe Ry acquisition, V111 1926/566; New construction in Carson and Hutchinson Co's, Tx, V111 1926/151; Acquisition of Central California Traction Co., V131 1927/540; Acquisition Clinton & Okla. Western RR and Clinton-Okla-Western RR Co of Tex, V138 1928/787; Acquires Fresno Interurban Ry, V111 1926/69; Acquires New Mexico Central Ry, V111 1926/468; Acquisition of Ks. City, Mex. & Orient Ry, V145 1928/350 & V154 1929/342, 769; Acquisition of Pecos River RR, V124 1927/204 Acquires Garden City, Gulf & Northern RR, V111 1926/430; Acquisition of Cane Belt RR, V150 1928/449 ; Lea County, N.M. RR construction, V158 1929/277; Sells NWP stock to SP, V150 1928/119; Construct North Plains & S.F. RR br. in Tex, V170 1930/223; Construct branch line in Eddy County, NM, V175 1931/122; Corporate restructuring of nine subsidiaries, V184 1932/ ; Corporate restructuring of 15 subsidiaries, V187 1931/ ; Construct Carlsbad, N.M. 20 miles N.E., V193 1933/454; Operation, V193 1933/563; Construct Amarillo to Dumas & Straford Ok, 98 miles and Dumes to Spearmi 50 miles, V162 1930/477; Discontinue using S.P.RR at Oakland, 6 miles, V224 1937/428; Construct Ennis, Az southwest 6 miles, V224 1937/432; Pecos River RR formal acquisition, V124 1927/204; Discontinue pass. train Kansas City to Houston V312 1960-62/79; Discontinue trains #47 & 48 V330 1967/370; Discontinues #13 & 14 V331 1967/801; Discontinue #9, 11, 12 V333 1968/497; Discontinue #19, 20, 23, 24 V333 1968/569; Discontinue #47 & 48, 211-212/256; Discontinue #42 & 47 V334 1968/301; Disc. #211 & 212 V334 1968/735; Disc. #190 - 191 & 200-201 V336 1969/839; Disc. #23 & 24 V336 1969/637;
Abandonments: Henrietta .6 miles to Poland, Ariz., V65 1920/386; portion of branch line, V67 1921/145-147; Barnwall to Ivanpah, Cal, 15 miles, V67 1921/145; branch line, V70 1921/377; branch San Bernardino Co, Cal to Clark Co, Nev., V86 1923/422; Crown Hill Br in Yavapai Co, Az, V105 1925/605; part Perris Elsinore Br, Riverside County, Ca, V124 1927/489; Pueblo to Portland, Colo, V131 1927/506 & V138 1928/573; part of branch in Harper County, Ks, V162 1930/474; A line in Otero County, Colo, V175 1931/748; passenger service and ferry across San Francisco Bay and use SP, V189 1932/695; four lines, V193 1933/230, 335, 591, 629; Calif, Atch.&S.F. line, V193 1933/656; Swastika to Brilliant, NM, 3.5 mil, V199 1933/177; Seward to Cashion, Ok, 11 mile, V199 1933/229; Davis to Sulphur, Ok, 9 mi, V199 1933/463; Abilene to near Solomon, 10 miles, Tx V199 1933/609; Oil Fields & Santa Fe: Abandon V199 1933/635; Nutt to Lake Valley, NM 13 miles, V202 1934/396; Medicine Lodge to Gerlane, Ks 8 miles, V202 1934/508; Elsinore to Temecula, Ca, 16 miles, V202 1934/652; Dillon to Des Moire, NM, 45 miles, Carisbrooke to Yankee, NM, 3 miles, V207 1935/365; Havan to Ceda Vale, Ks, 39 miles, V212 1935/423 & V230 1938/15; Leavenworth to Hawthorne, Ks, 21 miles, V212 1935/779; part Okla. Cent, V193 1933/793; Texas & Gulf Ry, V193 1933/474; Oil Fields & Santa Fe RR, V199 1933/635; near Las Vegas to Montezuma College, NM, V221 1937/449; Mulvane to Viola, Ks, 21 miles, V221 1937/509; Davis to Sulphur, 9 miles, Ok, V230 1938/275; Nalphtha Br at Hinkman Jct, 9 miles, V230 1938/655; Poland Branch, Yavaypaio Co., Az, V230 1938/617; Lakeview Br., Cal. 8 miles, V230 1938/475; part of Concho, San Saba & Llano Valey RR, V221 1937/185; Blue Bell to Cortez, Az, 2.7 miles, V236 1939/301; Healdton & S.F.RR, V236 1939/695; Frey to Orlton, 4.2 miles, Creek Co., Okl. V247 1941/ 39; Oklahoma Central V252 1942/145; Oil Fields & Santa Fe line V252 1942/93; Owen to O.S. Jct, Ok V324 1965-66/309; 65 miles S.N. Jct to Sonora, Tx V348 1975-77/458;
Atchison Union Depot & RR Co.: Valuation, V130
Athens Terminal Co., Valuation, V35; Acquisition by Gainesville Midland RR, V131 1927/455
Atlanta & Saint Andrews Bay RR: Abandon branch line, V70 1921/313; Abandon Panama City to St. Andrews, Fl, V71 1922/784; Valuation, V119; Operations in Panama City, V170 1930/559
Atlanta & West Point RR: Valuation, V29; Discontinue trains #33 & 34 V330 1967/133; Disc. #37 & 38 V336 1969/286;
Atlanta Birmingham & Atlantic RR: Valuation, V75; Reorganization of A. B. & A. RR, V117 1926/181, 439& V158 1929/6; Acquisition by A.C.L., V158 1929/6
Atlanta Birmingham and Coast RR: Abandon branch, V193 1933/470
Atlanta Terminal Co.: Valuation V121
Atlantic & Carolina RR: Valuation, V110
Atlantic & Danville Ry: Valuation V37; Abandon, V230 1930/131; Abandon 3 lines, V236 1939/705, 707, 709
Atlantic & North Carolina RR: Abandonment by Norfolk Southern Ry Goldsboro to Forehead City, NC, V221 1937/258
Atlantic & North Carolina RR: Operation, V230 1938/305
Atlantic & Northwestern RR: New line construction, V145 1928/435
Atlantic & Western RR: Valuation V116; Acquisition existing line, V131 1927/559
Atlantic & Yadkin Ry: Valuation V37; Abandon, V217 1936/319
Atlantic City & Shore RR: Valuation, V125
Atlantic City RR (): Abandon Sea Isle City branch, NJ, V99 1925/655; Branch construction Cape May to Cape May west, 2.6 miles, V117 1926/650; Acquire Stone Harbor RR, V184 1932/179; Valuation V32; Abandon branch, V193 1933/183
Atlantic Coast Line; Valuation, V38; Fort Myers Sou.RR new line in Lee Co, Fl, V79 1923/702; Fort Myers Southern RR (ACL: New line construction Lee Co, Fla, V90 1924/281; Acquisition of Montgomery Lbr. Co. in Nash, Franklin, and Wake Co's NC, V94 1924/291; Acquire Carolina, Clinchfield & Ohio Ry, V105 1925/185; Extend in Sarasota, Manatee & DeSota Co's, Fla, Tampa Sou.RR, V99 1925/159; Extension Perry to Monticello, Fl, V105 1925/209; Extension Hillsborough and Pasco Co's, Fl, V105 1925/636; & V111 1926/365; Acquisition of Atlanta Birmingham & At-

lanta RR, V117 1926/181, 439 & V158 1929/6; Acquisition Columbia, Newberry & Laurens RR, V117 1926/219; Acquisition Moore Haven & Clewiston Ry, V99 1925/193; Extension Collier Co, Fl, V99 1925/634; acquire Washington & Vandemere RR., V124 1924/307; Acquire Deep Lake RR, V150 1928/20; Construction in Jefferson Co, Fl, V166 1930/570 & V180 1931/102; Acquire Charleston & Western Carolina Ry, V170 1930/375; Construction, V224 1937/137; SAL merger V320 1963/122-270; Discontinue trains #54 & 55 V330 1967/317;
Abandonments: Yuste-Monticello Br, Jefferson County, Fl, V162 1930/497; Western Branch in Dinwiddie Co, Va. V180 1931/313; Midland Br. in Wayne and Johnston Co's, NC, V170 1930/756; Tavares to Lane Park, 3 miles, Fl., V233 1938/201; Darmern Branch, Va. 1.5 miles, V240 1940/141; Latti to Clio, SC, 20 miles, V242 1940/511; Conway to Aynor, SC 15 mi. V244 1940/753; Fincher to Fanlew, Fl 32 miles V247 1941/637; Bishopville to Lucknow, SC 7 miles V249 1941/243; Cutlers to Honassas, Fl 6miles V249 1941/245; Micanapy to Tacoma, Fl. 5 mi. V249 1941/255; Bloomfield to Yalana, Fl 1 mi, V.249 1941/793; Altoona to Astor, Fl. 17 mi V.249 1941/795; near Eutawville to Ferguson, SC 2.1 mi. V.252 1942/121; Construct Far Holes to Harleyville, SC 2 mi V271 1948-49/227;
Atlantic Northern Ry: Valuation, V110
Atlantic Port Ry: Valuation, V43
Atlantic Waycross & Northern RR: Valuation, V108
Augusta RR: Valuation, V110
Augusta & Somerville RR: Valuation, V121
Augusta Belt Ry: Valuation, V103
Augusta Northern Ry: Valuation, V125; Abandon, V212 1935/82; Abandon V244 1940/613;
Augusta Southern RR: Valuation, V97
Augusta Union Station Co.: Valuation, V149
Auto Train Co: V342 1968-73/533; V347 1967-74/261, 300; V354 1977-78/707;
Ballard & Thompson RR: Operation of plant facility in Grand Co, Utah in interstate commerce, V72 1922/644
Baltimore & Annapolis RR: Op. dis. Glen Burnie to Annapolis, Md V348 1975-77/678;
Baltimore & Eastern RR: Acquisition of Balt. Ches. & Atlantic Ry's line, V145 1928/727; Abandon part in Dorchester and Wicomico Counties, V180 1931/223; Valuation, V43; Acquisition, V202 1934/177; Abandon V230 1938/281
Baltimore & Ohio RR; (See also Buffalo & Susquehanna RR, Buffalo Rochester & Pittsburgh RR, Buffalo Bradford & Pittsburgh RR, Toledo & Cincinnati RR) Valuation, V42; Acquires Cincinnati, Indianapolis & Western RR, V111 1926/124 & V124 1927/476; Acquisition of Catawba and part of Paw Paw branches of Monongahela Ry, V117 1926/329; Acquire Cheat Haven & Bruceton RR, V117 1926/564; Acquire Dayton & Union RR, V117 1926/114; Acquire Hamilton Belt Ry, V117 1926/52; Acquire Indian Creek Valley Ry, V117 1926/625; Acquires Curtis Bay RR, V150 1928/399; Extension Marley Neck Br in Baltimore and Ann Arundel County, V150 1928/233; Acquisition of Buffalo, Rochester & Pittsburgh, V158 1929/779 & V180 1931/14; Acquire Buffalo & Susquehanna RR, V162 1930/656 & V180 1931/14; Acquire Alton RR, V175 1931/301 & V189 1932/271; Acquire Mt. Jewett, Kinzua & Riterville RR, V175 1931/565; Reconstruction Finance Corp. loan, V187 1931/323, 572 & V189 1932/399 & V202 1934/123 & V207 1935/145 & V212 1935/11, 227 & V224 1937/396 & V233 1938/771; Extension, V207 1935/727; Construction on Strouds Creek & Muddelty RR in WV V247 1941/147; Discontinue trains #17 & 18 V317 1962-63/37; Disc. Trains #23 & 30 V324 1965-66/648; Disc. #37, 51, 52, 40 V334 1968/190; Disc. 31 & 32 V334 1968/689; Disc. #7 & 10 V336 1969/340;
Abandonments: Pigeon Run Branch in Stark County, Ohio and part Magnolia Br in Carroll & Stark Co's, Oh, V71 1922/386,389; part of Bedford Br, Lawrence Co, Ind. V82 1923/805; branch in Tuscarawas Co, Oh, V86 1923/327; Maynard Coal spur Br in Jackson county, Oh, V124 1927/119\; Rock Run Br, Perry County, Oh, V124 1927/231; part Patuxent Br, Md, V138 1928/327; part of Robinson Run Br in Harrison County, WV, V154 1929/631; Sutton Branch, Braxton County, WV, V166 1930/642; Abandon operation over Wash., Balt. & Annapolis Electric Ry, V170 1930/152; part Turner Creek Br., Kanawha Co, WV, V175 1931/57; Reynoldsville & Falls Creek RR, V199 1933/642; Beaver Run Dam, Tuscarawas Co, Oh, V202 1934/728; Welston 20 miles Jackson Co, Oh; .2 miles Grass. Br., Somerset Co, Pa. V202 1934/737; Hickman River Br, Dawson to end, 2. miles, Fayette Co, Pa.; Niver Br. to end 1.7 miles, Somerset Co, Pa. V202 1934/741; Parke to Berryburg, WV, 20 miles, V207 1935/281; Mineral City to Valley Jct, 1.4 miles, V217 1936/456; Huff Run Br, Carroll Co, Oh, 1.5 miles, V224 1937/301; Newburg to end, Oh, 3.7 miles, WV, V224 1927/715; abandon operation branch line, V224 1937/236; Whites Creek Jct. to end, 9 miles, Somerset Co, Pa, V233 1938/603; Leiter Jct. to Belington, WV, 8 miles, V240 1940/75; Little Kanawha RR, V221 1937/289; Gaffney & James City RR, V239 1940/191; part of Indian Creek Valley RR, V233 1938/219; part of Pittsburgh & Western RR, V230 1938/606; Quemahoning Branch RR, V224 1937/717; Midvale to Adrian Jct, WV 12 miles V244 1940/237; Kendal to Confluence & Oakland Jct , Md & Pa. 20 miles V244 1940/451 & V247 1941/399; Bendale to Burnsville, WV 23 mi V.252 1942/43; Ravenswood to Spencer, WV V328 1966/150; Fairmont Br Broad Tree to Modsville, WV V342 1968-73/751; Flora to Sandamon Jct., Il V354 1977-78/798; Landnburg Dr, Del. V354 1977-78/67; Aband. Relief to Philo, Oh. V354 1977-78/240; N. Vernon, Ind. to Nabb V363 1980-81/518; Indian Creek Valley Ry, Somerset County, Pa. V342 1968-73/493;
Baltimore & Ohio Chicago Terminal RR: Valuation, V42
Baltimore & Sparrows Point RR, Valuation, V108
Baltimore Chesapeake & Atlantic Ry, Valuation, V31
Bamberg Ehrhart & Walterboro Ry: Valuation, V118
Bamberger Electric Ry: Receivership, V228 1938/267
Bangor & Aroostook RR: Valuation, V97; Abandon portion of branch in Piscataquis Co, Me., V71 1922/579; Construction and abandonment in Waldo Co, V99 1925/529; Abandon a branch, V193/1933/291
Barnegat RR: Abandonment of line in Ocean Co, NJ, V79 1923/506; Valuation, V108
Barre & Chelsea RR, Valuation, V43; Acquisition by merger with Boston & Maine RR, V76 1922/797; Abandon, V224 1937/195
Bartlett Western Ry; Valuation V116; Reconstruction Finance Corp. loan, V187 1931/479 & V193 1933/550; Abandon, V207 1935/721
Batesville Southwestern RR: Abandon, V170 1930/269; Excess income, V175 1931/665; Valuation, V46
Bath & Hammondsport RR: Valuation, V130; Financial condition, V242 1940/230
Bauxite & Northern Ry: Valuation, V121
Bay Point & Clayton RR: Valuation, V103
Bay Terminal RR; Valuation, V116
Beaumont Sour Lake & Western Ry: Acquisition Houston North Shore Ry, V124 1927/373; Acquisition of Houston Port Terminal RR, V150 1928/402; Valuation, V29
Beaumont Wharf & Terminal Co: Valuation, V119
Beaver Dam RR: Valuation, V116
Beaver Meade & Englewood RR; Valuation, V103; Line extension in Beaver & Texas Co's Ok, V86 1923/286; Line extension Beaver and Texas Co's, Ok, V99 1925/183 & V117 1926/281; Extension Hooker to Keyes, Tx V138 1928/279; Acquisition by CRI&P and MKT, V158 1929/219; Aband. Beaver - Keyes, Oh. V338 1970-71/728;
Beaver Valley RR: Valuation, V108
Beech Creek RR (NYC): Branch abandon, Clearfield Co, Pa, V105 1925/502; Abandon Carnwart to end, Pa, 2.3 miles, V224 1937/93; Abandon Mitchells to Curry Run, 15 miles and Wigton Br, 3 miles, V224 1937/91; Abandon branch V240 1940/97; Abandon Gorham Mine near Hooverhurst to Wiggins, Pa. 3 mi V.252 1942/31; Complete control by NYC V271 1948-49/1;
Beech Mountain RR: Valuation, V24?
Belfast & Moosehead Lake RR, Valuation, V30; Acquisition by Me.C.RR, V70 1921/405
Belington & Northern RR: Valuation, V42; Abandon V202 1934/731
Bellefonte Central RR: Acquisition Pa. RR Fairbrook Br and extension Struble to Fairbrook, Pa., V145 1928/253; Valuation, V110; Abandon V244 1940/787
Bellevue & Cascade RR: Acquire line from Mil., V193/1933/294; Abandon, V212 1935/147
Bellingham & Northern Ry: Valuation, V44; Abandon V247 1941/433
Belt Line Ry (Ala.): Valuation, V114
Belt Railroad Co. of Chicago, Valuation, V29
Bennettsville & Cheraw RR: Operation, V158 1929/507; Valuation, V130; Abandon part of line, V70 1921/417 & V221 1937/615 & V242 1940/617
Benwood & Wheeling Connecting Ry: Valuation, V125
Berlin Mills Ry: Valuation, V43
Bessemer & Lake Erie RR: Discontinue using B&O station at Butler, V184 1932/569; Valuation, V34; Abandon branch V247 1941/663; Merger PB&LE and other subsidiaries. V275 1949-51/167;
Bethel Granite Ry: Acquisition by Cent., Vt. RR, V158 1929/397; Abandon V221 1937/519
Bevier & Southern RR: Line abandon Macon Co, Mo, V105 1925/303; Valuation, V110
Big Creek & Telocaset RR: Operation of line in Union County, Or, V138 1928/751
Big Sandy & Cumberland RR: Acquisition by N&W Ry, V158 1929/259; Abandon Matney Segment, Buchanon Co, V175 1931/7; Construction cutoff in Pike Co, Ky and Mingo Co, WV; Valuation, V110
Big Sandy & Kentucky River RR: Acquisition by C&O RR, V162 1930/379; Valuation, V125
Billings & Central Montana Ry; Valuation, V25; Acquisition by N.P.Ry, V70 1921/328
Bingham & Garfield RR: Valuation, V106
Birmingham & Northwestern Ry: Acquired by GM&N, V124 1927/459 & V154 1929/479;
Birmingham & Southeastern Ry: Valuation, V135; Acquisition of line from Union springs to Eclectic, Ala, V94 1924/307; Reconstruction Finance Corp. loan, V184 1932/419 & V193 1933/316 & V207 1935/431; Abandon V221 1937/284
Birmingham Belt RR: Valuation: V41
Birmingham Columbus & St. Andrews: Valuation, V116
Birmingham Selma & Mobile RR: Construct branch in Perry and Hale Co's, Ala, V150 1928/26; Valuation, V116
Birmingham Southern RR; Extension Ensley to Thomas, V124 1927/333; Valuation, V29; Acquisition, V236 1939/233
Birmingham Terminal Co: Valuation, V37
Black Hills & Fort Pierre RR: Abandon Galena Jct to Galena, SD, V124 1927/259; Abandon Englewood to Calcite, V158 1929/432
Black Mountain RR: Valuation, V35; Part abandon, V117 1926/765; Abandon V290 1953-55/189, 238
Blaney & Southern Ry Valuation, V97
Blissfield RR; Acquisition, V212 1935/32; Abandon V217 1936/437
Bloomsburg & Sullivan RR Valuation, V110; Acquisition by the Reading RR, V145 1928/785; Abandon Benton to Jamison City, Pa., V105 1925/588
Blue Ridge RR Valuation, V46
Blytheville Burdette & Mississippi River RR: Valuation, V108

Blytheville Leachville & Arkansas Southern RR Valuation, V125; Acquired by St.L.-S.W.Ry, V150 1928/685; Extension in Craighead and Poinsett Co's, V158 1929/206; Excess income, V180 1931/750
Boise & Western RR: Operation of lines in Idaho, V150 1929/696; Abandon V217 1936/139
Boise Valley Traction Co: Abandonment McDermott Stub in Ada county, Id, V79 1923/167
Bonhomie & Hattiesburg Southern RR; Acquisition line in Forest & Perry Co's, Miss, V90 1924/448; Valuation, V43; Take over G.M.&N. line from Beaumont to Forest and Perry Co's, Miss., V94 1924/355
Bonlee & Western RR Valuation, V108; Abandon, V180 1931/724
Boston & Albany RR: Abandon Chester & Becket RR, V170 1930/643; Abandon Bondhardt to Athol, 29 miles, V202 1934/555; Abandon Chatham to Ghent, NY, 2.7 miles, V217 1936/584; Abandon Ludlow to Mondsville, Mass, 11 miles, V233 1938/231; Abandon Webster Jct to Webster, Mass. 11 miles V244 1940/533; Abandon Boston to Newton V312 1960-62/458; Merger into NYC V312 1960-62/428
Boston & Maine RR: Valuation, V30; Acquisition of part of York Harbor & Beach RR, V124 1927/671; Acquires Springfield Terminal RR, V166 1930/90; Reconstruction Finance Corp. loan, V187 1931/285 & V199 1933/36 & V202 1934/182 & V207 1935/647 & V217 1936/793 & V224 1937/489 & V230 1938/397, 501, 791 & V240 1940/499; Discontinue pass. service Springfield to Windsor, Vt V317 1962-63/165; Discontinue trains V324 1965-66 - all Mass. pass service/705, Boston to Concord, White River Jct. & Wells River/418, to Portsmouth/418, to Dover & Portsmouth/418; Disc. #20, 21, 75 & 76 Springfield to White River Jct. V328 1966/150; Disc. #22, 122, 23, 123, 30, 48, 43 V330 1967/425; Reorganize V338 1970-71/755 & V342 1968-73/760; ;
Abandonments: Cherry Mountain to Jefferson, N.H., 3.5 miles, V70 1921/224; Bethlehem Jct. to Profile House, N.,H., 9.1 miles, V70 1921/226; branch in York Co, Me, V90 1924/474; Nashua & Acton RR in Hillsborough Co, N.h. and Middlesex Co, Mass, V94 1924/737 and trackage rights over Old Colony RR; Manchester-Milford, Bethlehem, North Weare, Keene and Belmont Branches, New Boston RR br., N.H., V105 1925/13; Newburyport Br, South Reading Br and parts of Lawrence, Lowell and Salem Branches, Mass, V105 1925/68; Belnap Br,NH V111 1926/523-524; Kennebunkport Br in Me, V111 1926/500; Ashburnham Br, Essex Br, Lexington Br, Reformatory Br in Middlesex Co, V117 1926/679; Peterborough RR, V105 1925/13; Lines in Grafton & Coos Co's, NH, V184 1932/593; Palmer to Barre, 17 miles and operate over B&ARR, V189 1932/218; Belmont Jct. to Belmont, NH, 4 miles, V199 1933/727; Dover Point Bridge to Dover, NH, 8 mil, V199 1933/753; New Boston RR line, V202 1934/725; Farmington to Lily Pond, Gilford, NH, V207 1935/357, Hudson to Fremont, NH, V207 1935/709; at Hooksett, NH, V212 1935/25; Lowell to W. Amesite, 1.5 miles, Ma, V212 1935/369; Franklin to Bristol, N H, 13 miles, V217 1936/404; S. Ashburnham to Ashburnham, Mass, 2.6 miles, V217 1936/475; Goffstown to Henniker Jct., NY, 17 miles, V217 1936/511; Wing Road to Bass, Fabyian Br, 20 miles, NH, V224 1937/799; Keene to Elmwood, NH, 23 miles, V230 1938/195; Washington Jct. to S. Middletown, Ma, V230 1938/599; Pepperill, Ma to S. Milford, NH, 13 miles, V230 1938/657; Elmwood to Coolridge, 2 miles, N.H., V233 1938/229; Oakdale to Wheelwright, Mass, 25 miles, V236 1939/132; Northern RR Bristol Br, N.H., V224 1937/11; Squannacook Jct to Pepperall, Mass. .6 miles V247 1942/793; Whitehall Jct to Lancaster, NH 12 mi V249 1941/355; Jewett, Me. to Somersworth, NH 5.5 mi V.249 1941/402; Forest Lake to Creamery, Ma. 10 mi V249 1941/431; Topsfield to Newburyport, Ma 16 mi. sand Georgetown to Paper Mill, Ma. 4.5 mi V249 1941/507; Sawyer to Dover Point, NH 3.3 mi V249 1941/539; Hollis Depot to Nashua, NH 4 mi V249 1941/601; Norwott Jct. to Canala Jct, Hampshire Co, Ma 8.5 mi V.249 1941/773; Franklin Jct. NH 1 mi V249 1941/757; Franklin to Tiffin, NH V.249 1941/757; Hamilton to Essex, Mass. 5.1 mi V254 1942-44/121; Plymouth to Blackmount, NH 37 miles V290 1953-55/415
Boston & Providence RR: Reorganization, V233 1933/467 & V239 1940/465 & V244 1940/341 & V.249 1941/329 & V254 1942-44/126, 463 & V290 1953-55/363, 404 & V312 1960-62/120; Reorganization V327 1966/10;
Boston Terminal Co: Valuation, V103; Reorganization, V236 1939/787 & V275 1949-51/553, 633 & V290 1953-55/149 & V312 1960-62/373;
Bowdon Ry: Valuation, V84
Boyne City RR: Abandon, V207 1935/271;
Boyne City Gaylord & Alpena RR: Acquired by N.Y.C.RR, V180 1931/538; Valuation, V119
Brattleboro & Whitehall RR: Acquires West River RR, V162 1930/517
Bridgton & Harrison RR: Reorganization of the Bridgton & Saco River RR, V154 1929/653; Abandon part to Harrison, V166 1930/645; Abandon V244 1940/37
Bridgton & Saco River RR Valuation, V97
Brimstone RR & Canal Co. Valuation, V141; Abandon, V170 1930/246; Excess income, V189 1932/437
Bristol RR: Valuation, V103; Abandon, V158 1929/704
Brookings & Peach Orchard RR Valuation, V110
Brooklyn Eastern District Terminal RR: Excess income, V94 1924/577; Valuation, V38; Abandon V331 1867/413; Part acquired by N. Y. docks Ry V354 1977-78/399;
Brooksville & Inverness Ry: New line construction in Hernando and Citrus Co's, Fl, V99 1925/711
Brooksville & Ohio River RR: Abandon, V175 1931/108
Brooksville RR Valuation, V119
Broward County Port Authority: Construction of line, V158 1929/721
Brownstone & Middletown RR Valuation, V110
Brownsville Switching Terminal RR: construction, B233 1938/47
Brownwood North & South Ry: Valuation, V41; Abandon line, Tx, V105 1925/729
Buck Creek RR: Acquired by N&W RR, V99 1925 43
Buffalo & Susquehanna RR Valuation, 36; Acquired by B&O RR, V162 1929/656 & V180 1931/14; Abandon, V212 1935/85; Abandon Sinnemahoning to Burrows, 44 miles and Wharton to Austin 9 mi. V254 1942-44/303
Buffalo Bradford & Pittsburgh RR: Abandon Alton Br., McKean Co, Pa., V99 1925 198; Abandon West Branch Bradford to Nusbaum, V117 1926/64: Lease of Delaware & Hudson denied, V131 1927/750; Acquisition of Rural Valley RR, V99 1925/207; Acquisition of Reynoldsville & Falls Creek RR, V154 1929/338; Acquisition by the B&O RR, V158 1929/779; Abandon V221 1937/409
Buffalo Creek RR: Valuation, V141
Buffalo Creek & Gauley RR: Valuation, V121
Buffalo Northwestern RR: Taken over by AT&SF RR, V67 1921/374-376;
Buffalo Rochester & Pittsburgh RR: Valuation, V31; May construct branch line, V70 1921/1 ; Abandon part of Eleanora Br. in Jefferson Co, Pa., V90 1924/691; Acquired by B&O RR, V158 1929/779 & V180 1931/14; B&O RR control, V193 1933/557; Abandon part V233 1938/671
Buffalo Union Carolina RR; Reconstruction Finance Corp. loan, V184 1932/655
Bullfrog Goldfield RR: Valuation, V119; Abandon Goldfield to Beatty, V131 1927/513
Burlington Muscatine & Northwestern Ry: Operate a RR line, V117 1926/731; Proposed construction, V202 1934/51
Burlington Northern RR: Aband. Fremont to Kenmore, Wash V342/1968-73/446; Aband. Sapperton to Norris, Mt V342/1; Control Gilbert Douglas, Wy V348 1975-77/388; Merger with St.Louis San Francisco V354 1977-78/182, 616 & V366 1981-1983/862; ;
Burlington Rock Island RR: Construction of connecting tracks in Galveston and Houston, V166 1930/768; Acquisition by the Rock Island and the Fort Worth & Denver City RR, V170 1930/677; Abandon Teague Cleburne Br, Hill & Johnson Co's, Tx, V187 1931/300; Abandon V207 1935/537
Burro Mountain RR:(SP) Abandon, V193 1933/758
Bush Terminal RR: Abandon V342 1968-73/34 & V347 1967-74/278; ;
Butler County RR Valuation, V97; Acquisition by St. Louis - San Francisco V131 1927/105; Abandon V202 1934/788
Butte Anaconda & Pacific RR: Abandon Georgetown Extension, Mont., V99 1925/705; Valuation, V141
Cache Valley RR: Abandon, V117 1926/676; Valuation, V106
Caddo & Choctaw RR: Part abandon in Pike Co, Ark, V82 1923/90 & V90 1924/831; Valuation, V108
Cadillac & Lake City RR: Acquires former Pa. RR line Missaukee Jct. to Falmouth, Mich V320 1963/617; Reorganization V348 1975-77/588;
Cadiz RR: Valuation, V97
Cairo Truman & Southern RR: Abandon lines in Pointsett and Cross Counties, V162 1930/625 & 787; Reconstruction Finance Corp. loan, V184 1932/144 & V187 1931/230; Valuation, V103; Abandon, V240 1940/658
California Ry: Acquired by S.P., V99 1925/294
California & Oregon Coast RR: Valuation, V43
California Arizona & Santa Fe RR (AT&SF): Abandon, V189 1932/97; Abandon Henrietta .6 miles to Poland, Ariz., V65 1920/386; Branch line abandonment, V67 1921/145-147; Construct, V224 1937/432; Abandon Blue Bell to Cordez, Az, 2.7 miles, V236 1939/301
California Southern RR:; Lease to AT&SF, V70 1921/514
California Western RR & Nav. Co: Valuation, V141; Leased by Mendocino Coast Ry V354 1977-78/732;
Calumet Western RR: Valuation, V23
Calveras Cement Co: Acquisition of their line by S.P. in Calaveras County, Cal, V150 1928/531
Camas Prairie RR: Operation of line, V117 1926/553
Cambria & Indiana RR; Line extension in Cambria Co, Pa. V94 1924/536; Extension in Cambria C'ty, V99 1925/197 & V105 1925/259 & V111 1926/429 & V117 1926/463 & V124 1927/387; Valuation, V130
Camden & Burlington County Ry (Pa.RR): Abandon Burlington Br., V99 1925/467; Abandon Ewansville to Vincentown, V124 1927/324 & V131 1927/218
Camino Placerville & Lake Tahoe RR: Valuation, V43
Camp Lejeune Ry Operation by Sou. Ry denied V307 1958-60/697'
Campbells Creek RR: Valuation, V116
Canada Southern Ry: Abandon Grosse Isle Branch, V154 1929/4; Abandon St. Clair & Western Ry, Mich, V187 1931/460
Canadian Pacific Ry: Partial control of St. Johnsbury & Lake Champlain RR, V150 1928/549; Valuation, V108; Abandon Midland Ry, V212 1935/365
Cane Belt RR: Acquired by AT&SF, V150 1927/449 & V180 1931/516; Extension of line, V150 1928/97; Abandon V240 1940/547
Canton & Carthage RR: Acquisition of RR line, Miss, V145 1928/467; Operation over the Pearl River Valley Lbr. Co. and the Marietta Lbr. Co, Miss, V150 1928/501; Abandon V212 1935/49; Abandon V217 1936/193
Canton RR: Valuation, V133
Cape Charles RR: Valuation, V114; Valuation, V43
Cape Fear Rys: Operation of line in N.C., V105 1925/781; Operate to Fort Bragg Military Reservation, V170 1930/94; Operations, V242 1940/1
Cape Girardeau Northern Ry: Valuation, V103
Carbon County RR: Valuation, V43; Abandon, V124 1927/351; New line construction in Carbon Co, Utah, V76 1922/485
Carlton & Coast RR: Reconstruction Finance Corp. loan V189 1932/62 & V217 1936/486 & V221 1937/277; Valuation, V114; Abandon V212 1935/177 & V242 1940/35
Carolina RR: Abandon, V175 1931/248; Valuation, V84

Carolina & Northeastern RR: Valuation, V114; Acquisition, V184 1932/677; Abandon V199 1933/353
Carolina & Northwestern RR: Valuation, V37; Abandon, V228 1938/68
Carolina & Tennessee Southern Ry: Valuation, V114
Carolina & Yadkin River RR: Valuation, V106
Carolina Clinchfield & Ohio Ry: Acquired by A.C.L. & L.&N. RR, V105 1925/185; Valuation, V26
Carolina Southern Ry: Acquisition of a line Ahoskie to Windsor, NC, V124 1927/261
Carolina Western RR: Acquisition of logging RR in Berkeley County, SC, V99 1925/186; Valuation, V43
Carrollton & Worthville RR: Valuation, V103; Reorganization, V166 1930/425
Carthage & Pinehurst RR: Abandon line V70 1921/774
Casey & Kansas RR: Reorganization of Westfield RR, and acquisition of Kansas & Sidell RR V154 1929/657 & V170 1930/29; Abandon V221 1937/417
Cassville & Western RR: Valuation, V116
Castleman River RR: Reorganization of Castleman Valley RR, V154 1929/335
Castleman Valley RR: Operation of Northern Maryland Tidewater RR, V82 1923/301
Catasauqua & Foglesville RR: Valuation, V32 Abandon, V236 1939/725
Cazenovia Southern RR: Valuation, V108; Abandon, V221 1937/407
Cement Tolenas and Tidewater RR: Abandon, V166 1930/290; Valuation, V108
Central Arkansas & Eastern RR: Reorganization V.249 1941/5 & V.252 1942/325;
Central California Traction Co: Purchase by AT&SF, WP, SP, V131 1927/540; Abandon V271 1948-49/258;
Central Indiana Ry: Abandon Delaware to Clay Counties, Ind, V124 1927/264-277; & V145 1928/419; Abandon line in Boone and Montgomery Counties, V150 1928/227; Valuation, V106
Central New England Ry: Abandonment of various lines in Dutchess and Columbia co's, NY, V94 1924/405; Acquisition in N.Y. State by NYNH&HRR, V124 1927/165; Valuation, V97; Feeding Hills to Agawam, B.&A.RR, Mass., 19 miles, V70 1921/441
Central New York Southern RR: Abandon in Cayuga & Tompkins Co's, NY, V86 1923/830
Central of Georgia Ry: Reconstruction Finance Corp. loan, V180 1931/596 & V184 1932/214, 766V187 1931/193; Branch line construction from McComb, 15 miles, V67 1921/273-276; Valuation, V130; Authorized to construct branch, V70 1921/839; Grade alignment revision between Opelika and Sterretts, Ala, V90 1924/19; Abandon branch, V193 1933/43; Abandon Metter to Brewster, Ga, 47 miles, V230 1938/42; Abandon Florala, Ala to Lakewood, Fl, 2.7 miles, V230 1938/497; Abandon branch, V239 1940/173; Abandon Hartford to Lockhart, Ala. 48 mi, V247 1941/781 Reorganization V.249 1941/797 & V.252 1942/587 & V261 1945-46/263, 501, 627; & V267 1946-48/76; Acquired control by StL-SF V295 1955-58/563; Abandon Central Jct. to Oliver, Ga. 48 miles V317 1062-63/184; ; Discontinue trains #9 & 10 V333 1968/853; Control of Savannah & Atlantic RR, Wrightsville & Tenille RR, Georgia & Florida RR V338 1970-71/353; Control by the Southern Ry V331 1967/151;
Central Pacific RR: See Southern Pacific RR
Central Railroad of New Jersey: Acquisition of Mt. Hope Mineral RR and Wharton & Northern RR, V158 1929/691; Acquisition of control of N.Y.& Long Branch RR, V158 1929/365; Reconstruction Finance Corp. loan, V187 1931/521 & V189 1932/221; Valuation, V149; Authorized to take over 4.8 miles constructed by Seabrook Farms at Bridgeton, NJ, V70 1921/4; Abandon Navesink and Belford Branches V193 1933/451, 453; Control, V193 1933/149; Abandon Ogden Mine RR Nolan Point to Edison, NJ, 10 miles, V207 1935/422; Abandon Greenwich St to Bayside, Cumberland County, 3 miles, NJ, V212 1935/187; Construction V224 1937/19 and proposed construction V224 1937/170; Reorganization, V236 1939/459, 533 & V240 1940/90; Abandon Hopatcong RR, V236 1939/9; Abandon part of Wharton & Northern RR, V221 1937, 765; Abandon Ogden Mine RR V244 1940/555; Abandon Bowentown to Greenwich Pier, NJ 4. 8 miles V247 1941/337; Abandon Morris County Jct. to Lake Hopatcong, NJ 4.4 mi. V249 1941/257; Abandon 23rd St. ferry V249 1941/269; Lease of C. RR of Pa. V261 1945-46/755; Abandon Lymon to Carbon Counties 27 miles, Braders to Franklin Jct. 6 miles & Mountain Top to Olivers Mills, and 2 mile Danaher Quarry Br. V328 1966/check vol. index for page; Reorganization V330 1967/769; Abandon all lines in Pa., Hampton to P'burg, High Bridge branch all lines, Flemington Br, Keyport & Atlantic Highlands, Matawan - Freehold V342 1968-73/227-338;
Central Railroad of Oregon: Acquisition part of Union Railroad of Oregon, Union Jct. to Union, V138 1928/457; Valuation, V.106
Central Railway of Arkansas: Abandonment part Plainview to Fourche Jct, V145 1928/221; Abandon, V175 1931/555; Excess income, V175 1931/680; Valuation, V103
Central Union Depot and Railway Co. of Cincinnati: Valuation, V116
Central Vermont Ry: Acquisition of Bethel Granite Ry, V158 1929/397; Reorganization including 9 subsidiaries, V158 1929/397, 714 ; Acquires New London Northern RR, V158 1929/397; Abandon West River RR, V162 1930/517; Valuation, V30; Abandon Essex Jct. to Cambridge Jct, Vt, 26 miles, V228 1938/133; Abandon S. Barre to Williamstown, Vt, 4 miles, V233 1938/89; Abandon Bethel Granite Ry, V221 1937/519
Central West Virginia & Southern RR: Valuation, V116; Abandon in Tucker and Randolph Counties, V154 1929/559; Abandon V217 1936/385
Central Wisconsin RR: Acquire Fairchild & Northeastern RR, V65 1920/747
Centralia Eastern RR: Valuation, V25
Centralia Terminal RR: Extension in Lewis County, Wash., V166 1930/199
Chaffee RR: Acquisition by W.M.Ry, V158 1929/163; Valuation, V43; Authorized operated existing line, V70 1921/690
Charles City Western Ry: Reconstruction Finance Corp. loan V217 1936/79 & V236 1939/260
Charleston & Western Carolina RR: Valuation, V121; Acquired by A.C.L., V170 1930/375
Charleston Terminal Co: Valuation, V119
Charleston Union Station Co: Valuation, V121
Charlotte Harbor & Northern Ry: Valuation, V35; Acquired by S.A.L.Ry, V105 1925/249
Charlotte Monroe & Columbia RR: Valuation, V35; Abandon, V242 1940/247
Chartiers Southern Ry: Extension in Greene County, Pa V117 1926/527
Chattahoochee Valley Ry; Abandon part of Division North, Chambers County, V187 1931/441; Valuation, V106
Chattanooga Station Co: Valuation, V110
Cheat Haven & Bruceton RR: Acquired by B&O RR, V117 1926/564; Abandon, V193 1933/799
Cherry Tree & Dixonville RR: Abandon branch, Pa., V242 1940/797
Chesapeake & Hocking Ry: New line Pike to Franklin Counties, Ohio, V117 1926/129
Chesapeake & Ohio Ry: Valuation, V24; New line and acquisition Ches. & Hocking RR, V117 1926/129, 338, 667; Acquisition Greenbrier & Eastern RR, V138 1928/85; Control of Erie RR, V138 1928/517; Acquisition of Laurel Fork Line, Boone Co, WV, V99 1925/648; Acquisition Sandy Valley & Elkhorn Ry, V99 1928/553; Acquire Island Creek RR, V105 1925/804; Acquire Sandy Valley & Elkhorn Ry, V99 1925/ 553 ; Acquires Pond Fork & Bald Knob RR, V105 1925/800; Acquisition Louisville & Jeffersonville Bridge & RR, V145 1928/131; Construction new lines in Fayette & Nicholas Co's, V145 1928/643; New construction in Mingo, Wyoming & Raleigh Co's, WV, V145 1928/167, 665; Acquires Hocking Valley RR, V162 1930/323; Extension Marsh Fork Extension of Cabin Creek Br, Raleigh Co. V162 1930/309; Acquire part of Blue Jay Lbr. Co, Raleigh and Mercer Co's, WV, V175 1931/351; Acquires Big Sandy & Kentucky River RR, V166 1930/37; Acquisition, V193 1933/276 & V202 1934/235; Construction, V224 1937/602; Construction Holden 6 miles to right fork of Trace Fork of Pigeon Creek, WV V267 1946-48/665; Denied to abandon Leelanau Transit Co V307 1960 /95; Discontinue trains #3 & 4, 43 & 46, 47 & 46 V330 1967/211 & V333 1968/95; Disc. #46 & 47 V347 1967-74/31; Merger with N&W Ry V366 1981-83/171-285;
Abandonments: ferry South Portsmouth, Ky to Portsmouth, Oh, V138 1928/73; branch in Montgomery and Menifee Counties, Ky, V175 1931/453; A ferry between Russell, Ky and Ironton, Oh., V71 1922/450; 4 branches, V193 12933/31, 443, 483, 493; Garrison to Carter, Ky 20 miles, V202 1934/276; Abandonment denied, V202 1934/217; Garrison to Gesling, Ky 22 miles, V207 21935/576; Guthrie to Alberne, Va. 4 miles, V207 1935/667; Richards to Peach Orchard, Ky, 2.7 miles, V236 1939/13; at Ft. Monroe, Va., V236 1939/243; Brush Fork Jct to New Pittsburg, Oh, 2.6 miles, V236 1939/691; Garrison to Poplar, Ky, 17 miles, V242 1940/622 Ferry abandonment New Richmond, Ky to New Richmond, Oh. V267 1946-48/788; Jenkins, Ky to Meade, Va. V331 1967/889; Hatch's Crossing to Northport, Mich V348 1975-77/1343; Oldtown to Pomeroy, Oh V354 1977-78/574; Manistee & Bay View, Mich, Traverse City & Rennied, Mich V366 1981-83/53;
Chesapeake Beach Ry: Extension by ferry, V166 1930/293; Reconstruction Finance Corp. loan, V189 1932/513; Valuation, V103; Abandon, V207 1935/38
Chesapeake Western Ry: Abandon part Mount Solon and North River Gap, V145 1928/120; Valuation, V97; Abandon part V193 1933/83
Chester & Mount Vernon RR: Acquisition by M.P.RR, V138 1928/313
Chesterfield & Lancaster RR: Valuation,V35; Receivers abandon V244 194020
Chestnut Ridge RR: Valuation, V149
Cheswick & Harmar RR: Valuation, V114; Operation, V224 1937/25
Chicago & Alton RR: Valuation, V40; Extension in Jersey and Greene Counties, Il, V72 1922/1; Abandon Rutland Toluca & Northern RR operation, V117 1926/711 & V124 2700/77
Chicago & Calumet River RR: Valuation, V143
Chicago & Eastern Illinois RR: Valuation, V31; Abandon its Chicago & Indiana Coal Ry. Division, V71 1922/609; Acquisition by the Chicago, Attica & Southern Ry of part of Coal Ry. Div., V76 1922/169; Acquisition of part of Coal Ry Div. by Cincinnati, Indianapolis & Western RR, V72 1922/491; Reconstruction Finance Corp. loan, V184 1932/245,583 & V187 1931/188, 719 & V193 1933/370, 489 & V242 1940/251; Reorganization, V207 1935/743 & 786 & V212 1935/491 & V217 1936/497 & V221 1937/303 & V228 1938/483 & V230 1938/199, 571, 643 & V233 1938/267, 319 & V242 1940/161, 233, 241; Abandon Hymera 3 miles, Ind, V224 1937/53; Reorganization V244 1940/756; Discontinue trains #1 & 92, 94 & 95 V328 1966/427; Disc. #93 & 54 V331 1967/447; Disc. #3 & 4 V333 1968/626; Purchase by Louisville & Nashville RR V334 1968/273; Discontinue trains #3 & 4 V338 1970-71/714; Merger Tex. & Pac. - Mo. Pac. V348 1975-77/414 & V354 1977-78/763; Abandon Joppa Jct to Fayville Jct., Il V354 1977-78/789;
Chicago & Illinois Midland Ry: Acquire Springfield & Havana & Peoria RR, V105 1925/459, 567; Acquires St. Louis, Jerseyville & Springfield RR, V180 1931/574; Valuation, V.119
Chicago & Illinois Western RR: Valuation, V149
Chicago & Indiana Coal Ry: Abandonment authorized by C&EIRR, V71 1922/609
Chicago & North Western Ry; Valuation, V137; Branch line construction in Gogebic and Ontonagon Co's, Mich, V94 1924/495; Extension in Gogebic County, Mich, V99 1925/410, 543& V162 1930/151; Extend from Litchfield & Madison RR S.E. of Steward Mine to C&NW, 2.5 miles, V111

1926/209; Construct line in Butte & Lawrence County, SD, V124 1927/226, 335; Acquire control CStPM&ORy, V105 1925/543; Extension Marenisco Br, Gogebic County, V150 1928/374; Extension Winner Br, Tripp and Melette Counties, V150 1928/785; Reconstruction Finance Corp. loan, V187 1931/494, 692 & V189 1932/405 & V202 1934/267, 271, 347, 623 & V207 1935/123; Reorganization V221 1937/475 & V224 1937/611 & V230 1938/509, 548 & V233 1938/405, 655 & V236 1939/245, 575 & V239 1940/613 & V240 1940/235, 583 & V242 1940/787; Construction, V236 1939/147; Reorganization V244 1940/437 & V247 1941/47, 59, 101; Merge leased lines V261 1945-46/672; Discontinue trains #5 & 6 Chicago to Council Bluffs V307 1958-60/775 & trains #514 & 515 Chicago Duluth, Minneapolis, Mankato 585 & Trains 405 & 406 Chicago to Minneapolis 271 & trains #203 & 204 Minneapolis to Council Bluffs 463; Construction near Rsdnort, Il V312 1960-62/639; Discontinue trains Chicago to Duluth and Elroy, Wis to Mankatao, Mn. V312- 1960-62/517; Discontinue #161 & 162 Green Bay to Ishpeming V312 1960-62/621; Discontinue trains V312 1960-62/313; Purchase M&St.L Ry V312 1960-62/285; Discontinue trains 400-401 & 518-519 V317 1962-63/21; Disc. #215, 212, 123, 124, 216 V320 1963/648; Disc. #401, 408, 518, 519 V320 1963/85; Merger with C. G. W. V330 1967/13-102 & V333 1968/236; Disc. #125, 121, 214, 206 V336 1969/784; Purchase by employees V342 1968-73/58; Control of CRI&P V347 1967-74/556-861; Acquire part of CRI&P RR V366 1981-83/915-981;

Abandonments: line in Grant Co, Wis, V105 1925/273; Sherwood to Whitefish Bay, 4 miles, Wis, and extend Wiscona to Whitefish Bay, 2.8 miles, V111 1926/313; Heinemann Br., Langlade Co, Wis, V145 1928/709; part of Lindquist Line in Oconto and Langlade Co's, V150 1928/544; Michigamme Br, Marquette Co, V158 1929/152; Elkhorn-Eagle Line in Waukesha & Walworth Counties, Wis, V162 1930/449; Farly Br, Dubuque Co, Ia, V162 1930/141; Running Water Br, Bon Homme Co, SD, V162 1930/275; in Macoupin Co, Il, V166 1930/689; Moingona Line, Boone Co, Ia, V170 1930/118; Stiles Br, Oconto Co, Wis, V170 1930/589; Beaver Br, Delta & Marquette Co's, Mich, V175 1931/626; branch in Dodge County, Mich, V175 1931/376; Part abandon Matton Br, Shawano Co Wis, V184 1932/587; Champion, Michigamme & Republic Branches, V187 1931/482; .6 miles at Blacktail, SD, V202 1934/99; Rochester to Zumbroti, Mi, 24 miles, V202 1934/496; What Cheer to Consol, Ia, 55 miles, V207 1935/75; Yankton to Mission Hill 5 miles and Mission Hill to Volin, S.D, 5.3 miles, V207 1935/94; many lines, V212 1935/17, 73, 79, 123, 237, 239, 474, 737, 739; Marshfield & Arpin, Wis, V217 1936/459; Manning to Harlin, Ia, 22 miles, V217 1936/679; Burdette to Kasota, Mn, 5 miles V221 1937/13; Boyer to Deloit, Ia, 8 miles, V224 1937/1, 8; 4 branches, V230 1938/133, 455, 645, 665; Blackwell Jct. to Blackwell, W, 8 miles, V236 1939/15; branch, V239 1940/336 & V240 1940/137; 3 lines, V242 1940/161, 233, 241; Blackkwell Jct. to Blackwell, Wis 3.3 mi V244 1941/429; Watersmeet to near Choate, Mi., 21 miles & Craigsmere to Robbins, Mich, Mi, 3.0 miles V244 1941/691; Sycamore to Caledonia, Il. 28 miles V249 1941/782; Linwood to Hastings, Neb. 102 miles V249 1941/725; Koepenick to Pearson, Wis. 6.7 miles V249 1941/669; Benton to Strawbridge, Wis. 2.3 miles V249 1941/391; Belle Plaine to What Cheer, Ia. 38 mi V282 1951-53/525; Gary to Watertown Jct, SD 33 mi V295 1955-58/31; Moville to Sergeant Bluff, Ia 19 mi, V295 1955-58/62; Scribner to Oakdale, Nen V317 1962-63/207; Plate River to Seward, Neb. V317 1062-63/350; Laurel to Bloomfield, Neb. V324 1965-66/405; Conover - Phelps, Wis V348 1975-77/480; Irvington - Bening...?, Neb. V348 1975-77/445; Holstein - Sacton, Ia. V348 1975-77/755; Stanwood to Tipton, Ia V348 1975-77/708; Tekamah - Lyons, Nen. V348 1975-77/635; Bancroft - Ledyard, Ia V354 1977-78/121; Marshall Jct to Vesta, Mn V354 1977-78/735; Minerva Jct to Roland, Ia. V354 1977-78/292; Sanborn & Wanda, Mn. V354 1977-78/1; Wren, Ia. to Iroquois, S.D. V354 1977-78/114; McClelland - Council Bluffs V354 1977-78/205; Abandon with the Milwaukee and the Soo Line Arcadia - Wisconsin Rapids, Plover - Monrovia, New London - Seyore, Wis V354 1977-78/458; Mason City & Kesley, Ia V366 1981-83/373;

Chicago & Wabash Valley Ry: Valuation, V103

Chicago & Western Indiana RR: Valuation, V29

Chicago Attica & Southern: Abandon V261 1946/646;

Chicago Aurora & Elgin Ry: Abandon V312 1960-62/533 : Acquisition of part of Coal Ry Div of C&EI RR, V76 1922/169; Acquired by N.Y.C. V187 1932/527;

Chicago Burlington & Quincy RR: Valuation, V134; Construct Mernet to Joppa power plant 2.8 mi., Il V282 1951-53 & denied V282 1951-53/725; Discontinue trains #19, 190, 8, 15, 20, 201 Minneapolis to St. Louis V328 1966/796; Disc. #29 & 30, 42 & 43 to Billings V330 1967/742; Disc. #33-7 & 8-34 V330 1967/411; Disc. #31 & 32 V330 1967/293; Disc. #35 & 36 V331 1967/813; Disc. #22 & 23 V333 1968/395; Disc. #26 & 27 V333 1968/395; Disc. #11 & 12 V334 1968/248; Disc. #42 & 43 V334 1968/210; Disc. #3 & 4 V334 1968/874; Duisc. #35 & 36, 15 & 16 V336 1969/159; Disc. #51 & 52 V336 1969/536;

Abandonments: Br. in Lawrence County, S.D., V90 1924/471; Br. in Platte Co, Wyo, V111 1926/529; part Chalco-Yutan Cut-off, Neb, V117 1926/637; Galena Jct to Galena, SD, V124 1927/259; Newcastle to Cambria, Wyo, V150 1928/269; between Beatrice and Rockford, Neb, V175 1931/609; line in Fillmore & York Counties, Neb, V180 1931/664; part of Mt. Pleasant Br in Henry and Lee Co's, Ia, V189 1931/65 part of branch in Ogle Co, Il, V187 1931/105; 2 branches, V193 1933/233, 437; 4 branches, V199 1933/309, 637, 651, 758; Lewiston to West Havana, Ill, 9 miles, V207 1935/781; Clarinda to Norwich, Ind,, 14 miles, V212 1935/57; Sedan, Ia. to Novinger, Mo, 31 miles and S. Gifford to Elmer, Mo, 5 miles, V217 1936/305; 2 miles in Des Moines, V221 1937/643; Pike to Rockport, Il, 6 miles, V224 1937/115; Koyle, Ia to Cainsville, Mo, 21 miles, V228 1938/749; Shenandoah to Norwich, Ia, 6 miles, V230 1938/448; Van Wert to Dec., Ia, 9 miles, V230 1938/625; Birmingham to Batavia, Ia, 15 miles, V236 1939/31; Kasbeer to Walnut, Il, 6 miles, V236 1939/417; branch, V239 1940/770, 783; Prague to Schuyler, Neb. 19 miles V249 1941/523 Britto Mimne Spur to S. Gifford, Mo 7 mi V.252 1942/21; Mount Ayre, Ringgold County ,Ia to near Grant City, Mo, 22 miles V257 1944/700; Burch to Osceola, Ia. 53 mi. V261 1945-46/549 & revoked V267 1946/38; Burch to Trurc, Ia. 32 miles V271 1948-49/261;

Chicago Great Western RR: Valuation, V35; Abandon part of Lehigh Br. in Webster County, Ia. V180 1931/765; Abandon part of Simpson Winona Br, Mn, and construct an extension, V187 1931/253; Reconstruction Finance Corp. loan, V187 1931/181, 711 & V217 1936/93 & V242 1940/739; Abandon Alture to Rollingstone, Mo, 8.7 miles, V199 1933/457; Abandon Eden to Mantorville, Mn, 7 miles, V202 1934/63; Abandon Horton to Dover, 6 miles to Utica, 7.6 miles, Mn, V207 1935/83; Reorganization, V212 1935/22, 159 & V228 1938/585 & V233 1938/63, 737 & V240 1940/559 & V242 1940/698, 747; Abandon Gilmore to Rollingstone, Mn, 8 miles, V217 1936/27; Abandon .8 mile in Kansas City, V221 1937/661; Abandon 3 miles in Winona, V233 1938/5; Reorganization V247 1941/217; Discontinue Kans. City - Minneapolis pass. tr. V317 1962-63/99; Discontinue #13 & 14 V328 1966/664; Merger with C&NW V330 1867/13-102 & V333 1968/236; ;

Chicago Harvard & Geneva Lake Ry: Abandon in Il. & Wis, V170 1930/721; Abandon Walworth County line, Wis, V184 1932/19

Chicago Heights Terminal Transfer RR: Acquired by C&EI Ry, V124 1927/753; Valuation, V133

Chicago Indianapolis & Louisville RR: Valuation, V25; Acquisition part of Bedford Br. of B&O RR, Lawrence Co, Ind., V82 1923/805; Abandon McCoysburg to near Dinwiddie, Ind, 36 miles, V207 1935/661; Abandon Avoca to Switz City, Ind, 34 miles, V207 1935/687; Reorganization, V212 1935/543 & V221 1937/549 & V224 1937/495 & V228 1938/209 & V233 1938/335 & V247 1941/245 & V254 1942-44/539, 673; Acquisition by L.&N. RR V347 1967-74/215; See Monon RR.

Chicago Junction RR: Purchase by N.Y.C. RR, V71 1922/631: Valuation, V28; Acquisition by Chi. Riv. & Indiana RR, V150 1928/32

Chicago Kalamazoo & Saginaw Ry: Acquire Michigan RR, V166 1930/265; Valuation, V28; Abandon V221 1937/371

Chicago Lake Shore & Eastern Ry: Acquisition by N.Y.C, V138 1928/161, 163

Chicago Memphis & Gulf RR: Valuation, V46

Chicago Milwaukee & Gary Ry: Abandon part of a line DeKalb, Ogle and Winnebago Counties, Il, and acquisition by the CMStP&P, V158 1929/770; Valuation, V114 & V133: Authorized build connecting line, V70 1921/846

Chicago Milwaukee & St. Paul Ry: Valuation, V44; Operate over N.P.Ry lines St. Paul to Duluth, V99 1925/521; Abandon branch in Missoula Co, Mont, V105 1925/108; Extend Big Blackfoot Br, Mont, V105 1925/4; Construct new line Freeborn Co, Mn, V111 1926/347; Reorganization, V131 1927/673 & V138 1928/291 & V154 1929/586 & V212 1935/150, 225 & V224 1937/219 & V228 1938/180 & V230 1938/548 & V233 1938/758 & V239 1940/485 & V242 1940/113; Extension in Woodbury Co, Ia, V154 1929/353; Acquisition C.M. & Gary Ry, V158 1929/770; Acquire part of Ontonagon RR, V184 1932/103; Reconstruction Finance Corp. loan, V184 1932/714 & V202 1934/597 & V207 1935/163 & V217 1936/298 & V221 1937/629 & V236 1939/282; Acquisition, V189 1932/785; Operate over N.P.Ry Enumclaw to Bagley Jct, 16 miles, Wash. V193 1933/153; Construction, V199 1933/698; Acquire M&StL line Storm Lake to Rembrandt V212 1935/449; Reorganization V244 1940/411, 445 & V247 1941/101; Operate over Pa. RR 11 miles Bushrod Br in Green Co, Ind. V247 1941/1; Reorganization V254 1942-44/707; Discontinue trains #11 & 12 Madison, Wis to Canton, SD V307 1958/60/565 & trains #21 & 14 Milwaukee to Channing, Mich 668; Control of Bremerton Frt. Car Ferry, In. V312 1960-62/553; Discontinue trains #15 & 15 Butte to Seattle V317 1962-63/691; Disc. Aberdeen, SD to Deer Lodge, Mt. V320 1963/566; Disc. #25 & 26 V330 1967/386; Disc. #219 & 220 V330 1967/567; Disc. #55 & 56 V331 1967/604; Disc. #19 & 20 V331 1967/48; Disc. #9-10 & 49-48 V333 1968/320; Disc. #117 & 118 V333 1968/466? & V336 1969/105; Disc. #15 & 16 V334 1968/354; Disc. #55 & 58? V334 1968/589; Disc. #2 & 3 V336 1969/246; Disc #1 & 4 V338 1970-71/193; Disc. #118, 119, 604, 605, 601, 610 V347 1967-74/190; Disc. #2118 & 2125 V348 1975-77/604;

Abandonments: part of branch in Marinette Co, Wis, V99 1925/256; Tomah Babcock line in Wis, V99 1925/493; part of branch line in Clark Co, Wis, V79 1922/684; part of branch in Lafayette Co, Wis and Jo Davies Co, Il, V79 1923/793; of part of line in Sargent Co, N.D, V82 1923/274; part of branch in Clallam County, Wash., V158 1929/758; branches in Wood, Juneau & Monroe Counties, Wis, V162 1930/89; part of branch in Wood and Clark Counties, Wis, V170 1930/706; part in Scott and Clinton Co's, Ia., V175 1931/189; Wisconsin Valley Div. in Vilas County, Wis., V175 1931/617; A branch in Hennepin County, Mn, V184 1932/687; part of Elkhorn-Troy Center Br, Walworth County, Wis, V187 1931/645; narrow gauge, Bellevue to Cascade, 35 miles, V189 1932/639;3 lines, V193 1933/463, 465,775; Ayres to Ebner, 9 miles, Il, V199 1933/64; 4 lines, V202 1934/457, 528,685,714; Abandon V207 1935/101; Branpt to Cogswell, ND, 8 miles, V212 1935/259; Marion Jct. to Freeman, SD, 10 miles and Scotland Jct. to Tyndale, SD, 11 miles, V217 1036/361; Kapowsin Jct. to Electron, Wash, 2 miles, V221 1937/531; Cannon Jct to Cannon Falls, 18 miles, V221 1937/731; 3 branches, V224 1937/343, 469, 713; A branch, V228 1938/467; Wauzeke to La Farge, Wis, 52 miles, V233 1938/205; Sauk City to Prairie du Sac, Mo, 24 miles, V233 1938/693; Sauk City to Prairie du Sac, 1 mile, Wis, V240 1940/183; Lowell to Monroe, 103 miles, V240 1940/754; Eldridge to Oxford Jct. 35 miles, Ia and Wyoming to Monticello, 17 miles, Ia, V240 1940/763; Renner to Colton, S.D. 14 miles V247 1941/627; Haefford Jct to Woodruff, Wis 27 mi V295 1955-

58/157; Prairie du Chien Wis and Marquette, Ia V312 1960-62/667; Discontinue service LaCrosse to Austin Mn V213 1960-62/44; Tripp to Stickney, S.D. V342 1968-73/146; Hollandale Jct to R. I. Jct., Mn V347 1967-74/1; St. Clair Jct. to St. Clair, Mn V348 1975-77/749; Abandon with the C&NW and the Soo Line Arcadia - Wisconsin Rapids, Plover - Monrovia, New London - Seyore, Wis V354 1977-78/458;

Chicago North Shore & Milwaukee RR: Reconstruction Finance Corp. loan, V184 1932/545 & V189 1932/765 & V193 1933/167; Abandon V290 1953-55/765; Abandon V312 1960-62/99; Abandon entire line V317 1962-63/91 or 191-203 & 363-370;

Chicago Peoria & St. Louis RR: Abandon, V76 1922,801

Chicago River & Indiana RR: Acquisition of Chicago Junction RR, V150 1928/32; Valuation, V28

Chicago Rock Island & Gulf RR: Construct line Wheeler County to Wilbarger Co, Tx, V162 1930/398 & V166 1930/359: Construction Dallhart to Morse, 45 miles, Tx, V158 1929/413; Reconstruction Finance Corp. loan, V189 1932/522; Construction, V207 1935/751

Chicago Rock Island & Pacific RR; (See also Choctaw, Okla. & Gulf RR) Valuation, V27 & 47; Extension Billings to Owens, and new line Owens to Ponca City, Ok, V99 1925/473. 747; Construct Clark's Grove to Maple Island, Mn, V111 1926/248, 347; Construct Liberal, Ks to Amarillo, Tx, V111 1926/137; Construct in Blaine Co, Ok, V111 1926/81; Construct Billings to Owens, Ok, V117 1926/503; Acquire Peoria Terminal Co, V117 1926/377; Acquisition M.&St.L.Ry line Albert Lea to Freeborn County, Mn, V124 1927/610; Acquisition and new construction of line Amarillo to Stinnett, Tx, V145 1928/487, 493; Construct line in Curry and Quay Counties, NM, V162 1930/507; Construct branch in Henry County, Mo, V170 1930/163; Acquire St. Paul & Kansas City Short Line RR, V175 1931/133; Reconstruction Finance Corp. loan, V184 1932/597, 735 & V193 1933/259 & V228 1938/637 & V236 1939/567; Proposed construction of R.I., Ark.&LaRR, V189 1932/757; System consolidation, V193 1933/395; Reorganization, V212 1935/89 & V217 1936/671 & V221 1937/282, 435 & V224 1937/329 & V242 1940/298 & V247 1941/363, 533; & V.249 1941/297 & V.252 1942/209, 483; Construction Earlham gravel spur to Winterset, IUa 11 miles; & abandon Carlisle to Indianola, Ia 11.4 miles and Summit Jct. to Winterset, 25 miles V295 1955-58/262; Cancel request to abandon Carlisle to Indianola V295 1955-58/507; Discontinue #509 & 510 Kansas City to Fort Worth V307 1958-60/655; Discontinue service Kansas City to Fort Worth V312 1960-62/324; Disc. #27 & 28 Wichita to Ft. Worth V317 1962-63/601; Disc. #23 & 24 Memphis - Amarillo V324 1965-66/ 729; Discontinue trains #19, 190, 8, 15, 20, 201 Minneapolis to St. Louis V328 1966/796; Disc. #17 & 18, Kans. City to Ft. Worth V328 1966/278, 378; Disc. #39 & 40 V328 1966/648, 894; Disc. #3 & 4 V331 1967/768; Disc. #15 & 16 V331 1967/125; Disc. #7 & 10 V338 1970-71/68; Control by the C&NW or the UP V347 1967-74/556-861; C&NW acquire part of R.I. V366 1981-83/915;

Abandonments: Blue Grass Line, West Davenport to Stockton, Ia, V94 1924/717; Preemption to Cable, Il, V105 1925/238; part of Choctaw, Oklahoma & Gulf RR Watonga to Homestead, Ok, V111 1926//81; part Newton Monroe Br, Ia, V131 1927/4; in Jackson County, Ark, V138 1928/793; line in Johnson County, Ia, V145 1928/698; part of Rushville Br, Buchannon & Platte Co's, Mo, V150 1928/567; part of branch in Lucas County, Ia, V166 1930/702; line in Clinton County, Ia, V175 1931/741; branch in Grady County, V175 1931/297; Branch Pipestone & Rock Counties, Mn, V187 1931/468; branch in Logan and Lincoln Co's, Ok, V90 1924/15; line in Coal Co, Ok, V90 1924/643; line in Winn Parish, La. V90 1924/645; Wallace to Rushville, 12 mi, V199 1933/71; Wilton to Muscatin, Ia, 12 miles, V199 1933/451; Wiville to Gregory, Ark, 6 miles, V202 1934/681; denied, V202 1934/164; Langhave to N.H. end, 2.6 miles, V212 1935/55; Preemption to Sherrard, Il, 4.5 miles, V212 1935/767; Newton to Reasnor, Ia, 10 miles, V217 1936/162; Ingersoll, Ok to Anthony, Ks, 33 miles, V217 1936/286; Watonga to Homestead, Ok, V111 1926/81; line in Jackson County, Ark, V138 1028/793; Kingfish to Cashion, Ok, 16 miles, V221 1937/61; St. Louis to Lackland Jct, Mo., 7 miles, V224 1937/135; Evans to Knoxville, Ia, 20 miles, V224 1937/709; Musccab. to Iowa Jct, Ia, 26 miles, V228 1938/87; 3 branches, V230 1938/123, 341, 415; Orion to Milan, Il, 13 miles, V236 1939/303; Shafton to Bennett, 35 miles and Tipton to Emira, 16 miles, Ia, V236 1939/469; R.I. & Davenport RR, V221 1937/794; White & Black River Valley Ry Brinkley to Jasonport, Ark 56 miles & Wiville to Gregory, Ark, 6 miles V244 1941/51; C.O.&G.RR Tecumseh Jct. to Asher, Ok. 25 miles V249 1941/749; Horton, Ks Branch V312 1960-62/264; Walnut to Shelby, Ia V324 1965-66/411; Hills to Montezuma V342 1968-73/467; Fairbury - Ruskin, Neb. V348 1975-77/620;

Chicago Saint Louis & New Orleans RR(IC): New line construction in Muhlenberg and Hopkins Co's, Ky, V76 1922/294; New line construction between Fulton and near Ohio River, Ky, V82 1923/100 & V86 1923/371; New line Fulton to near Ohio River, Ky, V105 1925/227; Abandon line in Dyer County, Tn,. V150 1928/782; Abandon Troy Br, Obion County, Tn, V184 1932/115; Abandon V202 1934/297; Abandon branches, V221 1937/207 & V224 1937/561; Barlow to East Cairo, Ky about 10 miles? V254 1942-44;

Chicago Saint Paul Minneapolis & Omaha Ry: Control acquired by C&NW, V105 1925/543; Abandon branch in St. Croix County, Wis, V162 1930/469; Abandon a line, V189 1932/501; Valuation, V137; Abandon branch, V193 1933/485; Abandon Luverne, Mn to Doon, Ia, 28 miles, V202 1934/285; Abandon Elmwood to Weston, Wis, 9 miles, V202 1934/583; Abandon Stillwater Jct. to Stillwater, Mn, 2.3 miles, V207 1935/309; Abandon Hannibal to Hughey, 4 miles, V212 1935/213; Abandon Holcombe to Hannibal, Wis, 17 miles, V233 1938/382

Chicago Short Line Ry: Valuation, V125

Chicago South Shore & South Bend RR: Reorganization, V212 1935/4, 87, 547 & V217 1936/423 & V221 1937/605 & V224 1937/541; Changes and discontinuance of pass. service V312 1960-62/655; Discontinue all pass. trains V320 1963/440; Control by the Ches. & Ohio RR V330 1967/477; Discontinue certain trains V336 1969/454; Pass. service to Chicago V342 1968-73/154; Discontinue all pass. service & ab. use of Ill. Central Gulf from Randolph St. to 115th St V354 1977-78/198, 308;

Chicago Springfield & St. Louis Ry: Acquire another RR in Ill, V105 1925/243; Acquire Jacksonville & Havana RR, V150 1928/551; Valuation, V43; Abandon, V236 1939/765; To Jerseyville & Eastern RR 1 mile in Jerseyville V244 1940/227;

Chicago Terre Haute & Southeastern Ry: Valuation, V97; Abandon, V236 1939/565

Chicago Union Station Co: Valuation, V46; Acquisition by the Mil., V131 1927/673

Chicago West Pullman & Southern RR: Valuation, V36

Choctaw Oklahoma & Gulf RR (CRI&P) ; Abandon Watonga to Homestead, Ok, V111 1926/81; Abandon line in Jackson County, Ark, V138 1028/793; Abandon Ingersoll, Ok to Anthony, Ks, 33 miles, V217 1936/286; Abandon branch V224 1937/527; Abandon Tecumseh Jct. To Asher, Ok 25 miles V249 1941/749;

Chowchilla Pacific RR: Acquisition by Visalia Electric RR, V86 1923/674

Christie & Eastern Ry: Valuation, V114; Abandon V199 1933/799; Abandon V202 1934/571

Cimarron & Northwestern Ry: Abandonment part of line in Colfax Co, NM, V82 1923/217; Valuation, V106; Abandon, V166 1930/391

Cincinnati Burnside & Cumberland River RR: Valuation, V37

Cincinnati Flemingsburg & Southeastern RR: Valuation, V103

Cincinnati Georgetown RR; Reorganization, V166 1930/134

Cincinnati Hamilton & Dayton Ry: Acquires Indiana, Columbus & Eastern Traction Co and Lima-Toledo RR, V154 1929/603

Cincinnati Indianapolis & Western RR: Acquired by B&O RR, V111 1926/124 & V124 1927/476; Acquisition of part of Coal Ry Div. if C. & E. R. RR, V72 1922/491; Valuation, V135

Cincinnati Lebanon & Northern Ry: Valuation, V23

Cincinnati Nashville Southern RR: Abandoned, V193 1933/779

Cincinnati Northern RR: Acquired by Cleve, Cin,Chi&St.L, V150 1928/278 & V154 1929/489; Valuation, V28

Cincinnati Sandusky & Cleveland RR:(NYC): Abandon part of Findlay Br, Hancock County, V184 1932/194

Cincinnati Union Terminal Co: V138 1928/297 & V145 1928/498; Reconstruction Finance Corp. loan, V184 1932/661

Cisco & Northeastern Ry: Extension in Stephens and Throckmorton Counties, V117 1926/151, 447 & V124 1927/75, 558; Construct interchange track at Breckenridge, V154 1929/420; Valuation, V26; Abandon V.252 1942/103; Abandon V267 1946-48/139;

City of Prineville Ry: Valuation, V43

Clackamas Eastern RR: Acquire logging RR of Portland Southern Ry, Ore., V162 1930/534; Acquired by S.P.RR, V162 1930/534; Abandon V233 1938/695

Clarendon & Pittsford RR: Valuation, V103

Clarion River Ry: acquired by Tionesta Valley RR, V117 1926/517; Abandon V236 1939/131

Cleveland Cincinnati Chicago & St. Louis RR: Cincinnati Northern RR, V150 1928/278 & V154 1929/489; Abandon operation Mt. Gilead Short Line, V154 1929/141; Abandon part of White Water Br. in Wayne County, Ind, V170 1930/336; Valuation, V28; acquire the Evansville, Indianapolis & Terre Haute RR, V67 1921/513-515; Construct new line in Delaware Co. Oh, V71 1922/803; Relocate line in Boone Co., Ind, V71 1922/668; Construction, V228 1938/461; Merger, V228 1938/240; Build Kernak to Joppa power plant, Il 10.9 miles V282 1951-53 & denied V282 1951-53/725;

Cleveland Union Terminals Co: Construction and ownership by NYC and other RRs, V70 1921/342, 659;

Cliffside RR: Valuation, V119

Clinchfield RR: See Carolina, Clinchfield & Ohio Ry

Clinton & Oklahoma Western RR: Valuation, V116; Line extension in Roger Mills Co, Ok, V131 1927/253; Acquisition by AT&SF, V138 1928/787

Clinton Davenport & Muscatine Ry: Abandon, V230 1938/27 & V236 1939/469

Clinton Oklahoma Western RR Co. of Texas: Extension in Hemphill, Wheeler & Gray Co's, V131 1927/253 & V162 1930/398; Acquisition by AT&SF, V138 1928/787; Construction in Gray Co V166 1930/359

Coal & Coke Ry (B&O RR): Valuation, V42; Abandon part Turner Br in Kanawha County, WV, V145 1928/406 & V175 1931/57

Coal Belt Electric Ry: Acquisition of part in Williamson County, Il by Mo.P.RR; Valuation, V40

Coal River & Eastern Ry: Operation of lines from Ashford to Warren and Seth to Prenter, WV, V94 1924/389; Operate lines Ashford to Warren and Seth to Prenter, WV, V105 1925/77

Coeur D'Alene & Pend d'Oreille Ry: Abandon V230 1938/389; Abandon V.249 1941/247;

Colfax Northern Ry: Abandon line in Ia., V105 1925/808

Collins & Glennville RR: Valuation, V45

Colorado RR: Ingleside Branch acquired by C.&S.RR, V154 1929/382; Acquired by C&S RR, V162 1930/190

Colorado & South Eastern RR: Valuation, V125; Abandon V240 1940/725

Colorado & Southern Ry: Valuation, V134: Abandonment of branch in Chaffee Co, Colo, V82 1923/310 & V86 1923/393; Abandon in Chaffee Co, Colo, V94/1924/657, 661; Acquire Ingleside Branch of Colorado RR, V154 1929/383; Abandon a branch in Chaffe County, Colo, V72 1922/315; Acquires Colorado RR, V162 1930/190; Abandon Platte Canyon Line, V166

1930/470; Abandon Ingleside Br in Larimer County, Colo, V170 1930/741; Abandon part Central City Br, V170 1930/734; Abandon line in Boulder County, V180 1931/735; Abandon branches, V193 1933/337, 401; Abandon Sher. Jct to Morrison, 10 miles, V193 1933/491; Abandon branch, V199 1933/623; Reconstruction Finance Corp. loan, V184 1932/218 & V224 1937/742 & V236 1939/726; Abandon V212 1935/769; Abandon Watertown - Como - Leadville & branches, 132 miles, V217 1936/366; Abandon Golden to Silver Plume, 39 miles and Black Hawk, 8 miles, V221 1937/329; Abandon Trinidad to Sopris, Co., V228 1938/143; Abandon, V230 1938/283; Aguilar to end in Los Animas Co, 2.4 miles, V242 1940/ . Abandon Golden to Idaho Springs, 22 miles & Blackhawk Br. 8 miles V244 1940/511; Abandon Waterton to Silica, Colo 39 miles narrow gauge V249 1941/277; Discontinue trains #1 & 8 to Dallas V330 1967/448; Disc. #2 & 7 V330 1967/896;

Colorado & Wyoming Ry: Abandon Piedmont Br from Sopris to Piedmont, Colo, V162 1930/183; Valuation, V130; Abandon V193 1933/279

Colorado Kansas Ry: Valuation, V103

Colorado Midland RR: Valuation, V110

Colorado Wyoming and Eastern Ry: Valuation, V116

Columbia & Cowlitz Ry: Extend line in Cowlitz County, 1 miles, V111 1926/220 & V124 1927/765; Acquire line, V111 1926/220; Valuation, V43

Columbia Newberry & Laurens RR: Acquisition by A.C.L., V117 1926/219; Valuation, V141

Columbia Union Station, Valuation, V114

Columbus & Greenville RR: Abandon two branches in Washington, Leflore & Tallahatchie C's, Miss., V71 1922/725; Reconstruction Finance Corp. loan, V187 1931/501

Combs Cass & Eastern RR: Aband part of Cass to Frazer line, Ark, V105 1925/91; Valuation, V114

Condon Kinzua & Southern RR: Acquisition of Kinzua Pine Mills Co's RR, V145 1928/427, 622; Acquire line in Gilliam and Wheeler Counties, Ore, V150 1928/173, 508; Valuation, V43

Conemaugh & Black Lick RR: Valuation, V46; Acquisition and extension in Cambria Co,Pa V94 1924/443

Confluence & Ohio RR (B&ORR) Abandon Kendal to Confluence & Oakland Jct , Md & Pa. 20 miles V244 1940/451 &V247 1941/399

Connecting Terminal RR: Valuation, V121

Coon Bayou & Arkansas City Ry: Approval to construct new RR, V65 1920/701

Coos Bay Southern Ry: Proposed construction, V193 1933/297

Coos Valley RR: Acquired by Maine Central RR, V175 1931/461

Copper Range RR: Valuation, V125; Reconstruction Finance Corp. loan, V187 1931/575; Reorganization, V212 1935/479 & V221 1937/315 & V228 1938/35; Acquisition, V239 1940/581; Abandon, V240 1940/772

Copper River & Northwestern RR: Abandon, V233 1938/109

Cornwall RR: Valuation, V135

Corona & Santa Fe (AT&SF) New line in Riverside Co, Cal, V111 1926/566

Coudersport & Port Allegany RR: Valuation, V110; Abandon Newfield Jct to Ulysses, V99 1925/310

Cowlitz Chehalis & Cascade Rys: Extension in Lewis Co., V99 1925/407 & V111 1926/283 & V117 1926/283 & V131 1927/220; Valuation, V46; Extension in Lewis Co, Wash., V94 1924/811

Craig Mountain Lumber Co's Ry: Valuation, V97

Craig Mountain Ry: Take over log RR in Lewis Co, Id, V79 1923/60

Crittenden RR: Valuation, V103

Crosbyton Southplains RR: Valuation, V116

Crystal River & San Juan RR: Valuation, V43; Abandon V.249 1941/240;

CSX: Organized V363 1980-81/518-652

Cumberland RR: Valuation, V37

Cumberland & Manchester RR: Acquired by L&N RR, V111 1926/551; Valuation, V116

Cumberland & Pennsylvania RR: Abandon branch in Alleghany County, Md, V166 1930/56; Valuation, V114

Cumberland Valley RR: Valuation, V103

Curtis Bay RR: Acquired by the B&O, V150 1928/399

Cuyahoga Valley Ry: Valuation, V114

Dallas Terminal Railway & Union Depot Co.: Valuation, V149

Dansville & Mount Morris RR: Abandon part, V236 1939/415; Valuation V116;

Danville & Western RR: Valuation, V84

Dardanelle & Russellville RR: Valuation, V133

Davenport Rock Island & Northwestern Ry: Valuation, V137; control by the Milwaukee, V131 1927/673; Abandon, V212 1935/15; Acquisition, V236 1939/469

Dawson RR (SP) : Abandon Roy to French, 45 miles V295 1955-58 & revoked 273;

Dayton & Union RR: Acquired by B&O RR, V117 1926/114

Dayton Goose Creek Ry: Valuation, V41&47; Acquisition by S.P., V105 1911/792

Dayton Toledo & Chicago Ry: Abandonment in Ohio, V76 1922/395

Dayton Union Ry: Valuation, V23; Acquisitions, V242 1940/727

Deadwood Central RR: Abandon Galena Jct. to Galena, SD, V124 1927/259; Abandon line in Lawrence Co, S.D., V90 1924/471

Death Valley RR: Abandon, V170 1930/325; Valuation, V103

Deep Creek RR: Valuation, V43; Abandon V233 1938/387

Deep Lake RR: Acquired by A.C.L.RR, Deep Lake to Everglades, V150 1928/20

Deering Southwestern Ry: Acquired by St.L.S.W., V150 1928/685; Valuation, V103

DeKalb & Western RR: Valuation, D110; Abandon V247 1941/777

Del Rio & Northern Ry: Construction Val Verde to Maverick Counties, Tex, V187 1931/244

Delaware & Hudson Co: Valuation, V116; Abandonment Mooers Branch, Clinton Co, NY, V94 1924/376; Lease of Buff. Roch. & Pittsburgh Ry denied, V131 1927/750; Trackage rights over Pa. RR from Buttonwood (Wilkes Barre) to DuBois, Pa. V131 1927/750; Abandon Honesdale Br, V145 1928/195 & V175 1931/385; Reorganization including 15 subsidiaries, V158 1929/615; Abandon a branch, V233 1938/667; Abandon Chateaugay & Lake Placid RR, V242 1940/63; Merger of leased lines V257 1944/453; NYC takes over Saranac to Lake Placid; Chateaguay & Laske Placid RR abandoned Saranac Lake - Lake Placid & Lyon Mtn to Plumadore Jct, NY; Control by Guilford Transportation Industries V366 1981-83/396;

Delaware & Northern RR; Abandon Andres Br., V99 1925/49; Reorganization, V158 1929/435; Valuation, V103

Delaware Lackawanna & Western RR: Valuation, V39; New line from Harrison to Kingsland NJ, V94 1924/541; Construct 3/4 mile at new freight station, V117 1926/57; Abandon part of Rockaway Lopp and passenger service on the loop, V175 1931/49; Abandon Succasunna to Chester, NJ, V193 1933/737; Abandon Pancoast Br, Olyphant, Pa, 3 miles, V230 1938/303; Reconstruction Finance Corp. loan, V230 1938/361 & V236 1939/541; Abandon trackage rights over L&NE to Sussex, NJ V249 1941/387; Abandon Franklin Br, V199 1933/671; Merger of leased lines V257 1944/91; Abandon 23rd St. ferry V267 1946-48/51; Discontinue trains #11 & 26 Hoboken to Scranton V307 1958-60/627; Erie merger V312 1960-62/185

Delaware Maryland & Virginia RR: Valuation, V22; Acquisition, V202 1934/177

Delaware Valley Ry: Valuation, V121; Abandon, V221 1937/405

Delray Connecting RR: Valuation, V106

Delray Terminal RR: Valuation, V97

Delta Southern Ry: Abandon, V70 1921/546; Valuation, V103

Delta Valley & Southern Ry: Acquisition, V202 1934/137

Denison & Pacific Suburban Ry: Valuation, V29

Denison, Bonham & New Orleans RR: Abandon, V154 1929/135; Valuation, V34

Dent's Run RR: Valuation, V110

Denver & Rio Grande RR: Valuation, V26; Abandon Blue River Br. in Lake and Summit Co's, Clo, V82 1923/782 and Calumet Br in Chaffee Co, Colo, V82 1923/785; Reorganization, V82 1923/745-768; Acquisition of Alamo coal Co 4.2 mile line from Kebler to Alamo, Colo, V86 1923/105

Denver & Rio Grande Western RR: Acquires Denver & Salt Lake, V170 1930/4 & V175 1931/542 & V180 1931/715 & V187 1931/395; Reconstruction Finance Corp. loan, V187 1931/399 & V189 1932/674 & V193 1933/209 & V212 1935/646 & V221 1937/107 & V224 1937/583 & 621 & V236 1939/784; Operation, V189 1932/129; Reorganization, V90 1924/141 & V212 1935/105, 709 & V224 1937/574 & V239 1940/583 & V242 1940/629, 721; Consolidation of subsidiaries V233 1938/515; Reorganization V254 1942-44/5, 349; Discontinues Denver - Craig train V317 1962-63/722 ; Disc. #6 & 8 V330 1967/108; Disc. #17 & 18 V336 1969/691;

Abandonments: part of line in Pueblo Co, V99 1925/816; line in Carbon Co, Utah and build a line in Carbon Co, V105 1925/719; Crestone Br, Saguache Co, V111 1926/415; Acquisition Goshen Valley RR, V124 1927/397; Floresta Br, in Gunnison Co, V145 1928/414; branch in Las Animas Co, V158 1929/217; La Madera Br in Taos and Rio Arriba Co's, NM, V175 1931/151; Calcite Br, Fremont County, Colo, V180 1931/53; in Huerfano Co, Co, V184 1932/138; 3 lines, V193 1933/21, 22, 461; Pagosa Jct. to Pagosa Springs, Co, 31 miles, V202 1934/147; Oakdale Jct. to Tropic Mine, 2 miles, Huerfano Co, Colo, V202 1934/711; Greg Cucharas Jct. to Trinidad, 40 miles, C.J. to Walsenburg, 4 miles, V221 1937/247; Texas Creek to Westcliffe, Colo, 26 miles, V221 1937/769; Southern Jct. to Blende, Colo., 3.4 miles, V224 1937/225; Reliance Jct to Ojo, Ca, 5 miles, V228 1938/727; Colorado City to Manitou, 2.6 miles, V233 1938/101; Leadville to Leadville Jct, 3 miles, V242 1940/85; Monson to Mayne Jct, 2.4 miles, Colo, V242 1940/619; Ropuse Jct to Mayne, 4 miles, Colo., V221 1937/247; Antonito to Santa Fe, NM 125 miles V244 1940/60 & V247 1941/381; Sapinero to Clear Creek, 26 miles V271 1948/199; Durango to Silverton V312 1960-62/791; Abandon all narrow gauge lines except Silverton Br. V334 1968/539;

Denver & Salt Lake RR: Valuation, V119; Reorganization, V117 1926/397-414, 749-; Extension in Eagle County, V154 1929/51, 585; Acquired by D&RGW, V170 1930/4 & V175 1931/542 & V180 1931/715 & V187 1931/395; Construction of Dotsero Cut-Off, V175 1931/535; Abandon 32 miles Newcomb to Corona to Vasquez, Co., V207 1935/289; Reorganization, V217 1936/101 & V233 1938/101

Denver Intermountain & Summit Ry Ry: proposed acquisition of Colo. & Sou. n.g. Leadville line, V193 1933/707

Denver Leadville & Alma RR : Proposed operation of former Colo. & Sou RR Leadville line, V193 1933/707

Denver Pacific RR: Proposed construction, V193 1933/687

Denver Union Terminal Ry: Valuation, V125

DeQueen & Eastern RR: Valuation, V106; Operate a thru route over a next extension, V67 1921/484-487;

Des Moines & Central Iowa RR: Reorganized V271 1948-49/295;

Des Moines Union Ry: Acquisition by Mil, V131 1927/673; Valuation, V141

Detroit & Huron Ry: Valuation, V143

Detroit & Ironton RR: Construct a new line and lease the Det., Tol. & Ironton RR, V67 1921/600-602; Construct new line in Wayne Co., Mich and lease D.T.&I.RR, V71, 1922/201; New line construction Malinta, Oh to Durbin, Mich, V90 1924/502; New line Malinta, Oh to Durban, Mich, V94 1924/793; New line in Wayne County, V111 1926/639; Consolidation of DT&I RR and Tol-Detroit RR, V124 1927/145; Extension Malinto ,Oh to

Durban, Mich, V131 1927/505; New line between Malinto, Oh and Durban, Mich, V99 1925/204; Acquisition by Det. Tol. & Ironton RR, V154 1929/239 & V175 1931/731

Detroit & Mackinac Ry: Extension in Alpena Co, Mich, V79 1923/753; Abandon Indiana River Br in Cheyboygan Co and Lincoln Br in Alcona & Iosco Co's, Mich, V94 1924/188 & 624; Abandon Au Sable River, Lincoln, and Rose City Branches, V131 1927/9, 156 & V138 1928/576; Abandon part of Hillman Br in Alpena and Montmorency Co's, V150 1928/735; Abandon Rockport Br, Alpena Co, V150 1928/764; Abandon Rose City Br in Iosco & Ogemaw Co's, Mich, V162 1930/205; Valuation, V121; Abandon branch in Presque Isle County, Mich, V76 1922/705; Line extension in Alpena Co, Mich, V86 1923/80

Detroit & Toledo Shore Line RR: Acquisition by the G.T.W.Ry, V158 1929/117; Valuation, V25; Merger with G. T. W. V363 1980-81/122, 858;

Detroit & Western RR: Valuation, V40

Detroit Bay City & Western RR; Abandon in Bay, Tusciola, Sanilac, and St. Clair Co's, Mich, V94 1924/666

Detroit Caro & Sandusky Ry: Acquire a RR in Mich, V99 1925/573; Valuation, V43; Abandon V221 1937/761

Detroit Connecting RR: Construction in Wayne, Oakland, Macomb & St. Clair Co's, Mich, V105 1925/657

Detroit Grand Belt RR: Construction in Wayne, Oakland, & Macomb Co's Mich, V105 1925/669

Detroit Grand Haven & Milwaukee Ry: Valuation, V143; Acquisition Grand Rapids Terminal, construction of connecting track with Pontiac, Oxford & Northern, V124 1927/338, 388; Pontiac belt line construction, V138 1928/699; Relocation in Royal Oak and Bloomfield Twnps, Oakland Co, V138 1928/268

Detroit Terminal RR: Acquisition by G.T.W.Ry, V158 1929/117; Valuation, V28

Detroit Toledo & Ironton RR: Acquisition of the Detroit & Ironton RR, V154 1929/239; Abandon part of Toledo Detroit RR , V154 1929/444; Abandon Wellston Br. in Jackson and Vinton Co's, V154 1929/753; Abandon line in Monroe Co, Mich, V162 1930/523; Acquire Detroit & Ironton RR, V154 1929/239 & V175 1931/731; Abandon branch in Fayette, Greene & Clinton Co's, V187 1931/433; Valuation, V141; Abandon part V247 1941/394; Acquisition by Pa. RR, Wab. RR V275 1949-51/455; Merger with G. T. W. V363 1980-81/122, 858;

Detroit Toledo & Milwaukee Ry (Mich.Cent.): Abandon, V184 1932/705 & V221 1937/287

Dexter & Northern RR: Valuation, V121

Dodge City & Cimarron Valley Ry: Authorized build a line in Haskell, Grant & Stanton Co's, Kans, V71 1922/195;(AT&SF): Extension of line in Haskell, Grant & Stanton Co's, Ks, V86 1923/39; Extension Stanton Co, Ks to Baca Co, Co, V111 1926/265; Construct line in Baca & Bent Co's, Co, V162 1930/477

Doniphan Kensett & Searcy RR: Acquired by Mo.Pac., V175 1931/769; Valuation, V106

Donora Southern RR; Valuation, V121

Dover & South Bound RR: Abandon, V170 1930/69; Valuation, V103

Due West Ry: Valuation, V97; Abandon, V239 1940/261

Duluth & Iron Range RR: Reorganization, V158 1929/373; Valuation, V31; Abandon V217 1936/337

Duluth & Northeastern RR: Valuation, V119; Abandon Brevator Br., V105 1925/389; Abandon V247 1941/265;

Duluth & Northern Minnesota Ry: Abandonment, V70 1921/184; Abandon its line in St. Louis, Lake & Cook Co's, Mi, V71 1922/795;

Duluth Missabe & Northern Ry: Valuation, V26; Reorganization, V158 1929/373

Duluth South Shore & Atlantic RR: Valuation, V141; Abandon Bessemer Br in Geogebic Co, V138 1928/125; Abandon Republic Br in Marquette Co, V138 1928/470; Abandon track in Marquette Co, V166 1930/639; Abandon V199 1933/509; Abandon V202 1934/317; Reorganization, V228 1938/95 & V267 1946-48/553; Merger into the Soo & abandon Raco Spurt to Sault Ste. Marie, 18 miles V312 1960-62/341

Duluth Terminal Ry: Valuation, V133

Duluth Union Depot & Transfer Co.: Valuation, V25

Duluth Winnipeg & Pacific Ry: Valuation, V141

Dunleith & Dubuque Bridge Co: Valuation, V46

Durango & Silverton Ry: Organized V363 1980-81/392;

Durham & South Carolina RR: Valuation, V84

Durham & Southern Ry: Valuation, V141

Durham Union Station Co: Valuation, V103

Eagles Mere Ry: Acquisition of Eagles Mere RR, V82 1923/648

East & West Coast Ry: Acquired by S.A.L.Ry, V105 1925/113 & V145 1928/658; Valuation, V35; Abandon, V193 1933/269

East Berlin RR: Valuation, V43; Abandon, V240 1940/355

East Broad Top RR: Valuation, V135; Abandon part, V236 1939/777

East Carolina RR: Valuation, V133; Abandon, V193 1933/499 & abandon V324 1965-66/506;

East Erie Commercial RR: Valuation, V43

East Jersey Railroad & Terminal Co: Valuation, V114; Construct extension at Bayonne, NY, V99 1925/793

East Jordan & Southern RR: Valuation, V110; Abandon, V187 1931/339

East Kentucky Southern Ry: Abandon, V189 1932/230

East Saint Louis & Suburban Ry: Acquired by Illinois Terminal RR, V162 1930/719

East Saint Louis Columbia & Waterloo Ry: Abandon interurban V212 1935/533

East Saint Louis Connecting Ry: Acquisition by Terminal RR Assoc. of Saint Louis, V99 1925/698

East Saint Louis Junction RR: Valuation, V149

East Tennessee & Western North Carolina RR: Valuation, V119; Abandon Linville River V244 1940/491; Abandon V275 1949-51/547

East Texas and Gulf RR: Valuation, V43; Abandon, V199 1933/125

Eastern Kentucky RR: Valuation, V114; Abandon, V111 1926/476; Acquire line of East Kentucky Southern Ry, V150 1928/271

Eastern Maine RR: Construct new line Houlton and Bangor and Drew Plantation to Mattawamkeag Me, V72 1922/39

Eastern New York Utilities Co: Abandonment, V158 1929/101

Eastern Texas Electric Co: Construct five spurs off it by the Sabine Basin RR, V170 1930/653; Acquired by Sabine Basin Ry, V170 1930/653

Eastern Texas RR: Abandon Lufkin to Kennard, Tx, V65 1920/436; Abandon Lufkin to Kennard, Tx, V71 1922/20

Eastland Wichita Falls & Gulf RR: Valuation, V43

Edgmoor & Manetta Ry: Valuation, V114

Edward Hines Hardwood & Hemlock Co: Acquisition from Gulf & Ship Island line from Lumberton to Maxie, Miss., V94 1924/221; Logging RR acquired by Superior and Southeastern Ry, V138 1928/445

Edward Hines Western Pine Co: Log RR acquired by Oregon & Northwestern RR, V154 1929/326; Abandon V199 1993/335

Edward Hines Yellow Pine Trustees RR: Operate 52 mile logging railroad Lumberton to Kiln, Miss. in interstate service, V76 1922/59; Track extension in Hancock Co, V79 1923/515

El Dorado & Wesson Ry: Valuation, V25

El Paso & Northeastern RR: Valuation, V45; Abandon V202 1934/313

El Paso & Southwestern RR: Abandon Deming to Hermanas, NM, V150 1928/577; Abandon part of Bisbee Br, Cochise County, Az, V170 1930/428; Valuation, V45; Acquisition, V202 1934/657; Abandon Lawrence to Valeton, NM 6.4 mi. V.252 1942/35

El Paso Southern Ry: Valuation, V121

El Paso Union Passenger Depot Co: Valuation, V36

Elberton & Eastern RR: Valuation, V114; Abandon V199 1933/76

Electric Short Line Ry: Reorganization as Minnesota Western RR, V90 1924/638; Valuation, V135

Electric Short Line Terminal Co: Valuation, V135

Elgin Joliet & Eastern RR: Valuation, V84 ; Abandon Goose Lake to S. Wilmington, Il, 12 miles, V207 1935/411; Abandon, V217 1936/757

Elizabeth Southern Ry: Construct line in Allen Parish, V166 1930/105

Elkhart & Santa Fe Ry (AT&SF): New line in Texas and Cimarron Co's, Ok, V94 1924/695; Construction in Cimarron, Union & Colfax Counties, NM, V1632 1930/478

Elkin & Allegany RR: Abandon, V175 1931/653; Valuation, V103

Elwood Anderson & Lapelle RR: Abandonment of line in Madison County, V150 1928/468; NYC&StL acquires trackage, V154 1929/201; Valuation, V103

Emmitsburg RR: Valuation, V116

Erie RR: (See also N.J. & N.Y.RR) Valuation, V33; Construct extension Sparrowbush, NY to Lackawaxen, Pa., 21 miles, V72 1922/653; Acquire 1.1 miles of D&H RR Honesdale Br in Honesdale, V175 1931/745; Reconstruction Finance Corp. loan, V180 1931/493 & V184 1932/507 & V187 1931/679 & V193 1933/46 & V202 1934/517, 609, 797 & V207 1935/777 & V212 1935/728 & V224 1937/367 & V230 1938/633 & V236 1939/189, 353; Operation, V207 1935/489; Reorganization, V228 1938/81 & V230 1938/35, 311, 721 & V233 1938/287 & V236 1939/149 & V239 1940/213, 653 & V240 1940,469, 673 & V242 1940/159, 517; Control with NYC&SL, V224 1937/259; Reorganization V247 1941/439 & V249 1941/279,4213, 639, 673, 689; Control V267 1946-48/548; DL&W merger V312 1960-62/185;
Abandonments: Alton Br., McKean Co, V99 1925/198; Keylers Corners to Toby Mills, 2.3 miles, Pa, V111 1926/100; Bradford to Nusbaum, Pa V117 1926/64; part of branch in Elk County, Pas. V111 1926/100; Keystone Branch, Elk & Jefferson Co's, Pa., V187 1931/695; Eriton R abandon, V193 1933/633; Erskine to Sterling Forest. 8 miles, NJ,NY, V207 1935/407: part of Nypano RR, V207 1935/711; Highland Mills to West Cornwall, NY, 7 miles, V221 1937/143; Moosic Mtn & Carbondale RR, V217 1936/433; part of Avon, Genesee & Mt. Morris RR, V236 1939/397; part of N.Y. & Greenwood Lake RR, V233 1938/669; Elmira State Line RR State Line Jct to State Line 6.5 miles NY and State Line to Tioga Jct., Pa. 13.5 mi V.252 1942/711; Ferry to 23rd St. V.252 1942/659; Ferry to Chambers St. V295 1955-58/549

Erie & Michigan Railway & Nav. Co., Valuation, V133; Operate Alabaster Branch of Det. & Mackinac Ry, V162 1930/347; Operation, V207 1935/109;

Erie Lackawanna RR: Discontinue trains #25 & #26, 40 & 41, 43 V324 1965-66/795; Disc. #7 & 8 V330 1967/234; Disc. #31 & 32 V330 1967/400; Disc. #1, 2, 21, 22 V330 1967/508; Abandon Rock Jct. to Gravity, Pa. & Lake Ariel Br., Pa V333 1968/670; Disc. #10 & 15 V333 1968/208; Disc. 10 & 15 V334 1968/403; Disc. #5 & 6 V336 1969/206;

Escanaba & Lake Superior RR: Valuation, V121; Abandon part of branch in Marquette and Dickinson Co's., V711922/596; Abandon, V233 1938/673

Etna & Montrose RR, Valuation, V130

Ettrick RR: Reorganization of Ettrick & Northern RR, V154 1929/147; Abandon, V221 1937/563

Euclid RR: Relocation from west to east side of Green highway, Oh, V145 1928/409; Valuation, V.114

Eureka Nevada RR; Reconstruction Finance Corp. loan, V184 1932/791 & V189 1932/775; Valuation, V106

Evansville & Indianapolis RR: Valuation, V75; Abandon V228 1938/733

Evansville & Ohio Valley RR: Abandon V247 1941/253;

Evansville Indianapolis & Terre Haute Ry: Acquire another railroad line, V67 1921/501; lease to C.C.C.&St.L, 67-1921/513-515; Acquisition of line in Gibson & Pike Co's, Ind, V86 1923/291; Abandon, V212 1935/611;
Evansville Suburban Ry: Abandon V247 1941/349
Fairchild & North Eastern Ry: Valuation, V103; Central Wisconsin RR to acquire line, V65 1920/747; Abandon part in Eau Claire and Clark Co's, Wis, V111 1926/275; Abandon, V158 1929/144
Fairport Painesville & Eastern RR: Extension in Lake Co, V124 1927/393; Extension in Lake and Ashtabula Co's, V166 1930/73; Fairport Painesville & Eastern RR: Valuation, V110; Proposed construction from Harpersfield to Pa. RR at Austinburg, 7.6 miles, denied, V193 1933/375
Feather River Ry: operation, V240 1940/203; Abandon & line operated V320 1963/417-429;
Federal Valley RR: Acquired by N.Y.C., V162 1930/156; Valuation, V103
Fellsmere RR: Acquisition Trans Florida Central RR, V124 1927/366
Ferdinand RR: Valuation, V110
Fernwood & Gulf RR: Valuation, V108
Findlay Belt RR: Abandon, V184 1932/194
Flint Belt RR: Valuation, V46
Flint River & Northeastern RR: Valuation, V114
Florida Alabama & Gulf RR: Valuation, V110
Florida Central & Gulf RR: Valuation, V35; Abandon, V170 1930/75
Florida East Coast Ry: Valuation, V84; New line construction in Okeechobee, Palm Breach, Broward & Dade Co's, Fl, V76 1922/433; Construct cut-off St. Augustine to Bunnel, V99 1925/1; Construction new line in Palm Beach Co, V145 1928/369; Abandon Ormond Br, V180 1931/659; Reconstruction Finance Corp. loan, V184 1932/22 & V193 1933/495 & V207 1935/213 & V212 1935/641 & V217 1936/331 & V228 1938/77 & V236 1939/157; Abandon part Mayport Br, Duval County, Fl, V187 1931/419; Abandon New Smyrna to Orange City, Fl 27 miles, V199 1933/476; Abandon West Palm Beach to Palm Beach, 1.5 miles, Fl, V207 1935/591; Abandon Florida City to Key West, 125 miles, V217 1936/325; Receivership, V236 1939/737; Reorganization V.252 1942/423, 731 & V261 1945-46/151 & V267 1946-48/295, 729 & V282 1951-53/81, 195 & V307 1958-60/5 & V312 1960-62/331, 744;
Florida Western & Northern RR (S.A.L.): Cut-off and branch construction in Marion and Polk Co's, Fl, V90 1924/528; New line construction in Sumpter, Lake, Polk, Highlands, Okeechobee, Palm Beach, Hillsbororough and Nassau Counties, Fla, V90 1924/221;
Fonda Johnstown & Gloversville RR: Abandon Broadalbin Jct to Northville, V158 1929/379; Reconstruction Finance Corp. loan, V187 1931/500; Valuation, V46; Reorganization, V224 1937/317; Abandon part, V228 1938/263; Reorganization V.249 1941/455 & V.252 1942/406;
Fordyce & Princeton RR: Abandon part in Dallas and Cleveland counties, V117 1926/607; Extension in Dallas Co, V117 1926/720; Abandon Cynthiana to Bryant's Spur, V138 1928/479; Valuation, V103; Abandon V236 1939/5 & V239 1940/333
Fore River RR: Valuation, V43
Fort Benning RR: Acquisition, V193 1933/223, 517
Fort Dodge Des Moines & Southern RR: Receivership, V228 1938/122 & V233 1938/251; Reorganization, V236 1939/501; Reorganization V244 1940/625 & V.249 1941/693 & V254 1942-44/182; Abandon Evanstron Jct to Lehigh V312 1960-62/708;
Fort Myers Southern RR (ACL): New line construction Lee Co, Fla, V90 1924/281: New line construction, Lee Co, Fl, V79 1923/702
Fort Smith & Van Buren RR (KCS): Formation, V233 1938/711
Fort Smith & Western RR: Reconstruction Finance Corp. loan, V180 1931/703 & V184 1932/650 & V207 1935/130, 133; Valuation, V143; Abandon, V233 1938/649
Fort Smith Poteau & Western RR: Valuation, V114
Fort Smith Subiaco & Rock Island RR: Valuation, V119; Abandon V224 1937/500
Fort Street Union Depot Co: Valuation, V97
Fort Wayne Union RR: Valuation, V45; New construction in Allen County, Ind, V90 1924/63
Fort Worth & Denver City RR: Valuation, V134; Reconstruction Finance Corp. loan, V184 1932/279 & V217 1936/157 & V236 1939/726; Abandon Acme Tap RR, V224 1937/465
Fort Worth & Denver Northern Ry: construct line from Childress to Gray Co's, Tex, V162 1930/398 & V166 1930/359; Construct line in Gray County, Tx, V175 1931/273
Fort Worth & Denver South Plains Ry: New line in Texas Childress to Swisher Co's, V117 1926/233; Extension in Floyd County, Tx, V145 1928/593
Fort Worth & Rio Grande Ry: Valuation, V41; Abandon, V236 1939/521
Fort Worth Belt Ry: Valuation, V29&36
Fort Worth Union Passenger Station, Valuation, V97
Fourche River Valley & Indian Territory Ry: Valuation, V103
Fox & Illinois Union Ry: Abandon, V230 1938/55
Frankfort & Cincinnati RR: Reorganization, V124 1927/500; Abandon line in Franklin, Scott & Bourbon Co's, Ky, V86 21923/740; Valuation, V114
Franklin & Abbeville Ry: Acquired by Tex.&N.O.RR, V117 1926/504; Valuation, V26
Franklin & Pittsylvania Ry: Abandon, V189 1932/203; Valuation, V103
Franklin & Tiffin Ry: Abandon V.249 1941/757
Fredericksburg & Northern Ry: Valuation, V116; Reconstruction Finance Corp. loan, V184 1932/409
Freeo Valley RR: Abandonment in Ouachita and Dallas Co's Ark, V94 1924/485
Fresno Interurban Ry: Acquired by AT&SF, V111 1926/69 & V187 1931/780 & V189 1932/7
Fulton Chain Ry: Abandon, V180 1931/424; Valuation, V116
Gainesville & Northwestern RR: Valuation, V103; Abandon Helen - Robertstown, V138 1928/79; Abandon, V175 1931/647; Reconstruction Finance Corp. loan, V189 1932/103
Gainesville Midland Ry: Reorganization, V131 1927/355 & V138 1928/585; Acquisition of Athens Terminal RR, V131 1927/455; Reconstruction Finance Corp. loan, V189 1932/15 & V193 1933/136 & V221 1937/31 & V228 1938/640; Valuation, V84; Acquisition, V221 1937/1; Abandon V267 1946-1948/256;
Gales Creek & Wilson River RR: Valuation, V44
Galesburg & Great Eastern RR: Valuation, V110
Galesburg Rockford & Northern RR: Valuation, V116
Gallatin Valley Ry: Valuation, V44
Galveston Harrisburg & San Antonio Ry: Acquired by Tex. & N. O. Ry, V117 1926/504; Valuation, V36, 47
Galveston Houston & Henderson RR: Valuation, V38; Reconstruction Finance Corp. loan, V189 1932/615 & V207 1937/491 & V228 1938/235
Galveston Houston & San Antonio Ry: Abandon branch in Matagorda County, Tx, V175 1931/763; Abandon in Harris Co, V184 1932.122; Extension Mavorik Co, V187 1931/699
Galveston Wharf Co: Valuation, V119
Garden City Gulf & Northern RR: Acquired by AT&SF, V111 1926/430
Garden City Western Ry: Valuation, V103
Gary & Western Ry: Valuation, V28
Garyville Northern RR: Abandon Livingston Parish, V184 1932/367; Valuation, V108
Genesee & Wyoming RR: Valuation, V135; Abandon part V199 1933/271
Georgia RR: Valuation, V125; Construct Milledgeville, Ga to Ga. Power Co. V320 1963/25;
Georgia & Florida Ry, RR; Acquisition of Statesboro Northern Ry, V117 1926/473, 513 & V154 1929/536; Extension Augusta, Ga to Greenwood, SC V117 1926/473, 513, 561; Reorganization, V117 1926/473, 513, 787; Abandon part of Millen Br. in Jenkins, Emmanuel and Tombs counties, Ga, V166 1930/539; Reconstruction Finance Corp. loan, V184 1932/332, 731 & V193 1933/139; Valuation, V143; Acquisition of Statesboro Northern Ry, V90 1924/413, 703; Abandon V202 1934/337; Receivers operation V244 1940/470; Acquired by Cent. of Ga. V338 1970-71/353;
Georgia Ashburn Sylvester & Camilla Ry: Take over part of Hawkinsville & Florida Southern Ry, V71 19322/616
Georgia Florida & Alabama RR: Reorganization, V131 1927/733; Valuation, V121; Abandon Boat Line from Carrabelle to Apalachicola, Fl, V72 1022/825; Reorganize V271 1948-49/417, 754;
Georgia Northern Ry: Valuation, V110; Abandon Albany to Cordele, Ga V334 1977-78/436;
Georgia Southern & Florida Ry: Valuation, V106
Georgia Southwestern & Gulf RR: Acquire RR in Crisp County, Ga, V162 1930/705; Reconstruction Finance Corp. loan, V184 1932/681; Valuation, V114
Gettysburg & Harrisburg Ry: Valuation, V32
Gideon & North Island RR: Acquired by St.L.S.W., V150 1928/685; Valuation, V103
Gilmore & Pittsburgh RR: Valuation, V130; Abandon, V239 1940/235
Glady & Alpena RR: Abandon line in Tucker and Randolph Co's, WV, V76 1922/73
Glendale & Montrose Ry: Abandon in Los Angeles Co, V166 1930/625
Glenmora & Western Ry: Abandonment in Rapides Parish, La, V90 1924/105
Gold Coast RR: Construction, V212 1935/385 & V228 1938/512
Golden Belt RR of Kansas: Authorized to construction a new line in Kansas, V71 1922,/233; Construct a new line, V67 1921/370;
Goldsboro Union Station Co: Valuation, V103
Goshen Valley RR: Acquired by D&RGW, V124 1927/397;
Gould Southwestern Ry: Valuation, V114
Grafton & Upton RR: Valuation, V125
Graham County RR: Construct line in Graham County, NC, V99 1925/264; Valuation, V46
Grand Canyon Ry: Valuation, V127&135
Grand Prairie & Northern RR: New line construction in Dallas Co, Tx, V76 1922/437
Grand Rapids & Indiana Ry (Pa RR): Valuation, V23; Abandon Jennings and Michelson Branches, Mich., V117 1926/595; Abandon Walon Lake Br, Charlevoix Co, V138 1928/345; Extension in Emmet Co, V145 1922/564; Abandon part of Missaukee Branch; Abandon Veneer Jct. to Merritt, Mich, 10 miles, V228 1938/711
Grand River Valley Ry: Valuation, V135; Abandon, V202 1934/359
Grand Trunk Ry: Valuation, V143
Grand Trunk Milwaukee Car Ferry Co., Valuation, V143; Operation of former G.T.W.Ry ferries, V158 1929/117; Control, V207 1935/461; Rerouting, Muskegon to Milwaukee, V158 1929/239
Grand Trunk Western Ry: Acquisition of Muskegon Ry & Nav. V131 1927/165; Relocation of track in South Bend, V154 1929/689; Acquisition Detroit & Toledo Shore Line RR and Detroit Terminal RR, V158 1929.117; Car ferries acquired by Grand Trunk Milwaukee Car Ferry Co., V158 1929/117, 239; Abandon part of br. in Huron county, Mich, V166 1930/439; Valuation, V143; Acquire Lansing Connecting RR, V67 1921/780; Operation, V193 1933/273; Car ferry operation, V217 1936/531; Abandon Saginaw River into Bay City, 1 mile, V247 1941/413; Discontinue Train #22 & 57 V324 1965-66/498; Disc. #155 & 156 V338 1970-71/254; Merger with Det. Tol. & Ironton RR and Det. & Tol. Shore Line RR V363 1980-81/122, 858;
Grasse River RR: Valuation, V116
Graysonia Nashville & Ashdown RR: Valuation, V43

Great Northern Ry; Valuation, V133; Extend branch in Daniels & Valley Co's, Mont, V99 1925/432; Construction Berne to Scenic, Chelan and King Co's, Wash, V124 1927/685; Extension connection to Spokane and Eastern Ry, V124 1927/355; Relocation on line Peshastin to Winton, Wash., V131 1927/79; Montana Eastern Ry construction, V124 1927/547: Extension in Dawson and McCone Co's, Mont. V124 1927/547; Acquisition of Shevlin Hixon Co .logging RR. south of Bend and Ore., Cal., & East. RR, V138 1928/99; Construction line in Phillips & Blaine Co's, Mont, V138 1928/321; Extension to Chemault, Ore, V138 1928/99; Acquires and continues operation of seven subsidiaries in Mn, ND, and Mont., V150 1928/451; Acquired by Great Northern Pacific Ry, V162 1930/37; New line Klamath, Ore to Lassen Co, Cal, V166 1930/3 & V170 1930/399; Construction in Klamath Co, Oreg., V175 1931/513; Relocate line from Bend for 14 miles from route of former logging railroad, V175 1931/367; Reconstruction Finance Corp. loan, V193 1933/211 & V212 1935/333 & V240 1940/245; Construct new line Galena to Sunset Airport, Spokane, 8 miles, V244 1940/339; Discontinue trains Williston, ND to Riochey, Mt V307 1958-60/59; Discontinue Great Falls - Butte pass. tr. V312 1960-62/580; Discontinue trains #11 & 14 V331 1967/497; Disc. #3 & 4 V336 1969/3 & 4, 7 & 8 V336 1969/477;
Abandonments: branch in Judith Basin Co, Mont, V94 1924/809; portion of line extending from Olcott to Fernoy, Minn, V94 1924/231; lines in Chelan and King Co's, Wash V124 1927/685; part of Northern Branch in Okanogan Co, Wash., V170 1930/685; in Cascade Co, V184 1932/17, 176; branch in Trail Co, N.D., V72 1922/25; branch in Stevens Co, Wash., V71 1922/26; Kalispel to Marion, 23 miles and Kallispell to Sommes, 10 miles, Mt, V199 1933/524; Curlew to Canada, 14 miles, Wash, V202 1934/469; Rexford to Canada, 8 miles, Mont, V202 1934/703; Oroville to Canada, Wash, 21 miles, V207 1935/765; V212 1935/712; Kettle Falls to Evans, 10 miles, Wash, Bossburg to Williams, 5.3 miles, Wash, Kettle Falls to Mun. (lines submerged under Grand Coulee Dam), V242 1940/151; Republic to Knob Hill, Wash. 4.5 miles V247 1941/407; Gerber to Griffen, Mt. 12.6 miles V271 1948-49/207;

Great Northern Pacific Ry: Acquire Spokane, Portland & Seattle RR, N.P.Ry and G.N.Ry, V162 1930/37

Great Northern Pacific & Burlington Line: Merger denied V328 1966/460-585; Merger V331 1967/228, 869 & V333 1968/391;

Great Southern RR: Valuation, V130

Great Western Ry: Valuation, V125; Abandon part V233 1938/333

Green Bay & Western RR: Valuation, V114; Abandon between Marshland and La Crosse, Wis, V72 1922/647: Branch abandonment, V70 1921/251

Greenbrier & Elk RR: Acquired by NYC & C&O and Nicholas Fayette & Greenbrier RR, V180 1931/80

Greenbrier Cheat & Elk RR: Acquisition by WM.RR, V131 1927/525 & V138 1928/122; Abandonment to West Va. Pulp & Paper of Cass to Spruce line, V138 1928/122; Acquisition std and narrow gauge lines, V158 1929/389

Greene County RR: Valuation, V103; Reconstruction Finance Corp. loan, V187 1931/121 & V212 1935/193;

Greenville & Northern Ry: Valuation, V43

Greenwich & Johnsonville Ry: Acquisition stock by D&H RR, V158 1929/615; Abandon V184 1932/761; Valuation, V116

Groveton Lufkin & Northern Ry: Abandon in Trinity Co, Tx, V175 1931/547; Valuation, V106

Gulf & Interstate Ry Co. of Texas: Acquire line at Port Bolivar, Tx, V99 1925/806

Gulf & Northern Ry: Valuation V114

Gulf & Sabine River RR: Abandon in Vernon Parish, V131 1927/99 & V145 1928/540; Valuation, V121

Gulf & Ship Island RR: Acquired by I.C.RR, V99 1925/169; Lease to Edward Hines Yellow Pine Trustees RR line from Lumberton to Maxie, Miss, V94 1924/221; Valuation, V106; Abandon branch V193 1933/749

Gulf & West Texas RR: Construction Gillespie to Tom Green Co's, Tx, V158 1929/563 Extension Kendall to Gillespie Co's, Tex, V187 1931/667

Gulf Colorado & Santa Fe Ry(AT&SF): Valuation, V127; Acquires Ringling & Oil Fields Ry, V111 1926/542; Acquisition control of Texas & Gulf Ry V131 1927/747; Branch construction V131 1927/393; Construction in Dallas Co, V154 1929/252; Abandon branch, V193 1933/765; Abandon Ladonce to Honey Grove, Tx, V228 1938/199; Abandon Ferry Galveston to Port Bolivar, 3.9 miles & 26.7 miles Port Boliver top High Island, Tx V249 1941/659'

Gulf Florida & Alabama RR: Valuation, V41

Gulf Mobile & Northern RR: Valuation, V125; Abandon Ellisville Branch, V65 1920/426; Abandon portion of line in Greene and Wayne Co's, Mich, V72 1922/184; Acquire Jackson & Eastern Ry, V111 1926/587 & V117 1926/777; Acquisition Meridian & Memphis Ry, Jackson & Eastern RR, Birmingham & Northwestern RR, V154 1929/479; Acquisition New Orleans Great Northern RR, V158 1929/481; Reconstruction Finance Corp. loan, V184 1932/33 & V187 1931/463 & V236 1939/95 & V240 1940/151; & V242 1940/42 Acquisition of a branch by the Miss. Central RR, Beaumont, Miss. to Hattiesburg, 26 miles V70 1921/425; Abandon, V193 1933/106, 349; Abandon McLoer to Prairie, Miss, 25 miles, V202 1934/7; Abandon 113 miles operating over IC, Bemis, Tn to Paducah, Ky killed by labor unions, V233 1938/294; Construction, V236 1939/211 & V240 1940/722

Gulf Mobile & Ohio RR: Formation, V236 1939/61 & 95 & V240 1940/726; Acquire from Mobile & Ohio authorized for abandonment in 1940 Bay Shore Br., Mobile & Farnell, 2.5 miles V244 1940/671; Purchase Gulf Terminal Co., Mobile V261 1945-46/623; Construct .5 mi at Federal to connect to Alton Box Board Co., Il V271 1948-49/541; Buys La. & Mo. Riv. RR subsidiary V275 1949-51/197; Abandon its pass. line to New Orleans sta. 7.5 mi V290 1953-55/701; Acquired by the Il. Cent. RR V338 1970-71/805-943; Acquisition of Miss. Central RR and I.C. RR merger V348 1975-77/467; Abandon Dwight to Washington, Il V354 1977-78/422.

Gulf Ports Terminal Ry: Abandon part in Escambia Co, Fl and Baldwin Co, Ala, V111 1926/597; Acquisition of part by Muscle Shoals, Birmingham & Pensacola RR, V131 1927/411; Branch line authorized, V70 1921/358; Valuation, V119

Gulf Terminal Co: Valuation, V84

Gulf Texas & Western Ry: Acquired by St.L-SF Ry, V162 1930/398; Valuation, V97; Abandon, V233 1938/321

Guyandot & Tug River RR: New line Gilbert to Wharmncliff, V145 1928/167, 665

Halite & Northern RR: Abandon V199 1993/271

Hamilton Belt Ry: Acquired by B&O RR, V117 1926/52; Valuation, V149

Hampton & Branchville RR: Construct line in Colleton Co, SC, V99 1925/809; Valuation, V97; Construction V261 1945-46/733;

Hancock & Calumet RR: Part abandon Houghton and Keweenaw Co's, V117 1926/123; Abandon Calumet to Kearsarge V131 1927/72; Abandon Lake Jct. to Osceola, V162 1930/159

Hannibal Connecting RR: Excess income, V175 1931/713; Valuation, V108

Hannibal Union Depot Co: Valuation, V133

Hanover Ry: Valuation, V103; Abandon V202 1934/451

Hardwick & Woodbury RR: Valuation, V110; Abandon, V202 1934/345

Harlem Transfer Co: Valuation, V39

Harriman & Northeastern RR: Valuation, V37; Abandon V.249 1941/518

Harrisville Southern RR: Valuation, V121

Hartford & Connecticut Western RR (NYNH&H): Abandon branch, V221 1937/570; Abandon Winsted to East Canaan, 15 miles, V224 1937/323; Abandon Collinsville to Winsted, 11 miles, V224 1937/435; Abandon Griffin to Tarriffville, 2.7 miles to Agawm Jct. 14 miles, V224 1937/654; Abandon branch, V228 1928/193; Abandon Canaan to E. Canaan, 2.3 miles, V242 1940/149

Hartford Eastern Ry: Abandon, V189 1932/789; Valuation, V106

Hartwell Ry: Valuation, V103

Hawaii Consolidated Ry: Abandon part, V230 1938/179

Hawkinsville & Florida Southern Ry: Valuation, V119; Part of line taken over by Ga, Ashburn, Sylv. & Camila Ry, V71 1922/616: Abandonment, V70 1921/566

Helena Southwestern RR: Valuation, V43

Helm & Northwestern RR: Abandon, V170 1930/33

Hickory Valley RR: Valuation, V110; Abandon, V217 1936/273 & V224 1937/787

High Point Randleman, Ashboro & Southern RR: Valuation, V37

High Point Thomasville & Denton RR; Acquire bankrupt line of Carolina & Yadkin River Ry, N.C., V90 1924/72

Hill City RR: Abandonment, V150 1928/159 & V158 1929/93 & V207 1935/160; Valuation, V125

Hillsboro & Northeastern Ry: Valuation, V103; Reconstruction Finance Corp. loan, V193 1933/323 & V202 1934/499

Hobart Southern RR: Reorganization, V180 1931/667; Abandon V224 1937/45;

Hoboken Manufacturer's RR: Valuation, V47; Operation V257 1944/739

Hocking Valley RR: Acquired by C&O RR, V162 1930/323; Valuation, V29

Holton Inter Urban Ry: Acquired by S.P., V105 1925/282; Valuation, V45

Hoosac Tunnel & Wilmington RR: Valuation, V84; Reconstruction Finance Corp. loan, V187 1931/159; Abandon, V224 1937/255

Houston & Brazos Valley Ry: Acquired by Mo.Pac., V166 1930/154; Valuation, V29; Extension in Brazoria Co, Tex, V72 1922/559; Abandon, V236 1939/423

Houston & Shreveport RR: Valuation, V36

Houston & Texas Central RR: Abandon branch in McLennan Co, Tx, V150 1928/791; Construction of Dallas Loop Extension, Tex, V94 1924/299; Abandon Nelleva to Mexico Jct, 94 miles, V189 1932/481; Valuation, V36 & 47

Houston Belt & Terminal Ry: Valuation, V141

Houston East & West Texas Ry: Valuation, V36, 47

Houston North Shore RR: Acquired by Mo.Pac. V166 1930/154; Acquired by Beaumont, Sour Lake & Western Ry, V124 1927/373

Houston Port Terminal RR Association acquired by about five RRs, V150 1928/402

Hudson & Manhattan Ry: Abandon Journal Square and Hoboken to New York City V312 1960-62/487, 701; Acquired by Port Authority Trans Hudson V317 1962-63/357;

Huntingdon & Broad Top Mountain RR & Coal Co: Valuation, V149

Hutchinson & Northern Ry: Operation of line in Reno Co, Ks, V111 1926/403; Extension and relocation in Hutchinson, V180 1931/411; Extension, Reno County, V184 1932/616

Iberia & Vermillion RR RR: Acquisition of Erath Sugar Co line in Vermilion Parish, La., V111 1926/660; Extension, V180 1931/218; Valuation, V36

Iberia St. Marys & Eastern RR: Acquired by Mo.Pac, V166 1930/154; Abandon, V228 1938/525

Idaho Central RR: RR line authorized, V70 1921/265

Illinois Central RR: See also Chicago St. Louis & New Orleans RR, Yazoo & Mississippi Valley RR and other leased lines. Valuation, V46; Cut off construction, V86 1923/371; Acquire Gulf & Ship Island RR, V99 1925/169; Branch construction in St. Clair and Monroe Counties, Il, V99 1925/353; Cut off construction, V105 1925/227 & V131 1927/273; Reconstruction Finance Corp. loan, V184 1932/779 & V189 1932/759 & V199 1933/45, 481, 722, 740 & V202 1934/530 & V207 1935/482 & V212 1935/45, 599 & V221 1937/361, 419, 424 & V224 1937/245 & V233 1938/248, 71 & V236 1939/291 & V242 1940/291; Construct V217 1936/615; Discontinue trains #8, 15, 16, 4, 25 V328 1966/763; Disc. #13 & 14 V330 1967/598; Disc. 35, 38, 52 & 53 V330 1967/1154; Disc. #3 & 8

V331 1967/478; Disc. 9 & 10 V333 1968/853; Disc. 21 & 22, 15 & 16, 101 & 102, 105 & 152 V333 1968/149; Disc. #11 & 12 V334 1968/706; Disc. #105 & 106 V334 1968/853; Disc. #303 & 304 V336 1969/56; Merger with GM&O V348 1975-77/467;
Abandonments: Monticello Br. in Lincoln & Lawrence Co's, Miss, V145 1928/289; in Dyer Co, Ill, V150 1928/782; Troy Br, Obion Co, Tn, V184 1932/115; Jeffries to C&EI RR near Johnston City, Il, 2.4 miles, V193 1933/503; Crain to Sand Ridge, 17 miles, and Mounds to Olive Br, 10.7 miles, Ill, V202 1934/129; Hedrich to W. Lebanon, Ind, 6 miles, V217 1936/293; Buckingham to Unz, Il, 6 miles, V224 1937/13; branch V224 1937/605; Omaha Bridge & Term Ry, V217 1936/465; Foster to Fayette, Miss. V348 1975-77/467;

Illinois Central Gulf RR: Merger of I.C. RR & G. M. & O. RR V338 1970-71/805-943; Abandon Elco to Murphysboro, Il. V354 1977-78/448; Abandon V.363 1980-81: Fordsville-Owensboro, Ky /page 965; Herscher to Barnes, Il./690, 866; Hopkinville, Ky to Nashville /965; Kosciusko to Fentress,./773; Cherokee, to Swan Falls, S.D. /93; Kevil to Barlow, Ky, /pages 729; Abandon Fordsville to Owensboro, Ky V366 1981-83/1; Hopkinsville , Ky to Nashville V366 1981-83/1, 40;

Illinois Midland Ry: Valuation, V110; Operations V320 1963/55;

Illinois Northern Ry: Valuation, V29

Illinois Southern Ry: Line sold to Missouri Illinois RR: V67 1921/283;

Illinois Terminal RR: Reorganization, V138 1928/487; Abandon part of Ogden-Hommer Branch, Champaign, Ill, V145 1928/20; Acquires Alton & Eastern RR, V162 1930/719; Acquire St. Louis & Alton RR, V162 1930/719; Acquire E. St. L. & Suburban Ry, V162 1930/719; Abandon St. Louis & Alton, V180 1931/152; Excess Income, V184 1932/289; Valuation, V130; Line extension, V70 1921/820; Abandon, V228 1938/129 & V230 1938/715; Purchase, V240 1940/1; Abandon Decatur to Kenwood, Il V312 1960-62/607; Abandon Morton to E. Peoria V328 1966/49, 66; bought by N. & W. RR V363 1980-81/882;

Illinois Traction Co: Reorganization, V138 1928/487; Abandon branch, V193 1933/435; & V212 1935/319

Imperial RR: Construct line Mendenhall, Miss to Birmingham, Ala, V150 1928/274

Indian Creek Valley RR: Acquired by B&O RR, V117 1926/625; Operation Jones Mill to Blair Mine, Pa V117 1926/204; Valuation, V42; Abandon Mill Run Br, 1.3 miles and Jones Mill to Kregar, Somerset County, Pa, 4 miles, V233 1938/219; Abandon by B&O RR V342 1968-73/493;

Indian Valley RR: Valuation, V43; Abandon V224 1937/271 & V230 1938/119

Indiana Ry: Abandon, V233 1938/612, 619 & V240 1940/359

Indiana & Ohio RR; Indiana Hi-Rail Co: Acquisition of Conrail line Connersville, Ind- Beesons V366 1981-83/42;

Indiana Columbus & Eastern Traction Co: Acquired by Cinc. Ham. & Dayton Ry, V154 1929/603

Indiana Harbor Belt RR: Valuation, V28

Indiana Northern Ry: Excess income, V180 1931/363; Valuation, V103

Indianapolis Union Ry: Valuation, V46

Inland Empire RR: Acquisition of Spokane, Coeur d'Alene & Palouse Ry, V124 1927/355

Inter California Ry: New branch construction in Imperial Co, Cal, V79 1923/258 & V86 1923/85; Extend Sandia Br,, Imperial County, Ca, V162 1930/281

Intermountain Ry: Abandon north segment, Boise Co, Id, V166 1930/776; Valuation, V110; Abandon V202 1934/695

International & Great Northern Ry (MP): Valuation, V149

International Bridge Co: Valuation, V143

International Great Northern RR ; Reorganization, V72 1922/722; Abandon Calvert Jct to Calvert, Tx ,5 miles, V202 1934/91

Interstate RR: Valuation, V103; Line extension, V67 1921/141

Interurban Electric Ry: Takes over SP operation, V230 1938/313; Abandon, V242 1940/283

Iowa Transfer Ry: Valuation, V106

Ironton RR: Acquired by LV RR and Rdg RR, V82 1923/665 & V99 1925/667 & V145 1928/481; Excess income, V187 1931/33; Valuation, V32

Island Creek RR: Acquired by C.&O.RR, V105 1925/804

Jackson & Eastern Ry: Extension constr. Sebastopol to Jackson, Miss, V99 1925/361 & V105 1925/257 & V117 1926/207; Acquired by GM&N RR, V111 1926/587 & V117 1926/777 & V154 1929/479; Line extension Sebastopol to Jackson, Miss, V76 1922/359 & V86 1923/259; Track extension, V70 1921/110; Valuation, V103

Jacksonville & Havana RR: Acquisition on a line in Il, V105 1925/243; Acquisition by Chi, Springfield & St. Louis of part of RR, V150 1928/551; Valuation, V43; Abandon, V221 1937/739

Jacksonville Gainesville & Gulf Ry: Acquisition of Tampa & Jacksonville Ry, V124 1927/623; Abandon N. Gainesville to Sampson City, V162 1930/125

Jacksonville Terminal Co: Valuation, V45

Jamestown Westfield & Northwestern Ry: Abandon, V207 1935/603; Abandon V217 1936/739

Jay Street Connecting RR: Connect John St. and car float, Brooklyn V244 1940/43; Abandon V307 1959/137-166;

Jefferson & Northwestern Ry: Extension in Morton Co, Tex, V99 1925/537; Reconstruction Finance Corp. loan, V184 1932/405; Valuation, V110; Abandon, V193 1933/253; Abandon V244 1940/497;

Jefferson Southwestern RR: New line construction in Jefferson Co, Ill, V76 1922/778 & V86 1923/796 and V90 1924/425, 512; New line in Jefferson Co, Il, V111 1926/105 & 124 1927/649; New line Jefferson Co, V145 1928/609

Jerseyville & Eastern RR: Acquisition part of Chicago, Springfield & St. Louis Ry at Jerseyville, Il 1 mile V244 1940/227

Johnsonburg RR: Valuation, V23; Abandon Johnsonburg to Clermont V131 21927/141;

Johnstown & Stony Creek RR: Line extension at Johnstown, Pa., V76 1922/546; Valuation, V125

Jonesboro Lake City & Eastern RR: Acquired by St.L.-S.F.Ry, V99 1925/753; Excess income, V175 1931/786; Valuation, V97

Joplin Pittsburgh RR: Acquired by Northeast Oklahoma RR, V166 1930/651

Joplin Union Depot Co: Valuation, V119;

Kalamazoo Lake Shore & Chicago Ry: Abandon in Kalamazoo and Van Buren Co's, Mich, V90 1924/186

Kanawha & Michigan Ry: Valuation, V28

Kanawha & West Virginia RR: Extension in Nicholas Co, WV, V145 1928/643; Valuation, V28

Kanawha Central Ry: Valuation, V43

Kanawha Glen Jean & Eastern RR: Valuation, V110

Kane & Elk RR: Valuation, V119

Kankakee & Seneca RR: (NYC): Abandon V189 1932/583; Valuation, V114

Kansas & Missouri Ry & Term Co: Belt line construction in Wyandotte C'ty, Ks, V82 1923/612; Valuation, V46

Kansas & Oklahoma RR: Extension in Stevens Co, Ks, V180 1931/239; Valuation, V43; Abandon, V207 1935/503 & V221 1937/513;

Kansas & Oklahoma Southern Ry: Authorized to build a RR in Craig Co, Okla., V71 1922/130; New line construction in Craig Co, Ok, V86 1923/195 & V90 1924/340, 553

Kansas & Sidell RR; Acquisition by Casey & Kansas RR, V154 1928/657; Acquisition of Yale Short Line RR, V158 1929/270; Abandon V221 1937/413 & V228 1938/507

Kansas City & Grandview Ry: New line construction for K. C. S. RR in Jackson Co, Mo., V82 1923/392 & V90 1924/435; New line construction in Jackson Co, Mo, V99 1925/593 & V111 1926/617 & V131 1927/213; Acquisition by K.C.S., V105 1925/131 & V145 1928/31, 261

Kansas City & West Side Belt Ry: Proposed operation, V202 1934/438; Proposed operation, V207 1935/512

Kansas City Clinton & Springfield Ry: Abandon part in Cass & Jackson Counties, Mo and Johnson County, Ks, V145 1928/379; Acquisition by St.L-SF, V145 1928/ 110; Valuation, V41

Kansas City Connecting RR: Valuation, V149

Kansas City Kaw Valley & Western RR: Reconstruction Finance Corp. loan, V184 1932/726 & V187 1931/209; Reorganization, V221 1937/15 & V236 1939/137 & V.249 1941/271, 351; Abandon V271 1948-49/705;

Kansas City Merriam & Shawnee RR: Operate a RR in Wyandotte County, Ks and make extension in Johnson County, V150 1928/587; Abandon, V202 1934/209

Kansas City Mexico & Orient RR: Valuation, V135; Reorganization, V145 1928/339; Acquisition by AT&SF, V145 1928/350 & V154 1929/343;

Kansas City Mexico & Orient Ry Co. of Texas. See also KCM&ORR. Extension in several Co's, V154 1929/215, 171; Abandonment & construction, V224 1937/157; Built Maryneal to Silver, Tx V295 1955-58/51

Kansas City Northwestern Ry: Abandon line in Ks and Neb, V105 1925/291

Kansas City Public Service Co: Abandon Jackson County, Mo V363 1980-81/869;

Kansas City Shreveport & Gulf Ry (KCS): Construct Shreveport to Gas Center, Caddo Parish, La, V105 1925/7 & V117 1926/391

Kansas City Southern Ry: Valuation, V84; Abandonment part of Kans. City & Independence Air Line br. in Jackson Co, Mo. V79 1923/431; Construction new line in Cherokee Co, Ks, V79 1923/161, 614 and V90 1924/511; New line in Jackson Co., Mo of K.C.& Grandview Ry, V82 1923/392; Abandonment and construction of lines at Independence, Mo, V94 1924/691; Construct Shreveport to Gas Center, Caddo Parish, La., V105 1925/7 & V117 1926/391; Line extension in Wyandotte Co, Ks, V99 1925/274; Operate line in Cherokee Co, Ks of Mo, Okla & Gulf RR . Miliday Jct to Baxter Springs, Kans, V99 1925/777; Acquire Kansas City & Grandview Ry, V105 1925/ 131 & V145 1928/31, 261; Acquisition of Missouri Kansas Texas, V124 1927/401; Acquire Texarkana & Fort Smith Ry, V105 1925/523; Abandon part of line in Jackson County, Mo and extend double track in the Co, V175 1931/391; Abandon .7 miles in Wyandotte County, V189 1932/313; Acquisition, V207 1935/571; Formation of Ft. Smith & Van Buren subsidiary, V233 1938/711; Discontinue trains #15 & 9, 10 & 16 V333 1968/51; Disc. #1 & 2 V334 1968/807;

Kansas City Terminal Ry: Valuation, V25

Kansas Oklahoma & Gulf Ry: Acquisition by Missouri, Okla. & Gulf RR in Kansas, V138 1928/294; Extension to be operated by MO&G, V99 1925/375; Extension in Cherokee Co, Ks, V72 1922/392

Kansas Southwestern Ry: Valuation, V116; Abandon, V212 1935/129

Kauai Ry: Abandon, V193 1933/772

Kaydeross RR: Abandon, V162 1930/594

Keeseville Ausable Chasm & Lake Champlain RR: Valuation, V103

Kelleys Creek & Northwestern RR: Valuation, V114

Kellys Creek RR: Valuation, V119

Kenilworth & Helper RR: Abandon line in Carbon County, Utah, V105 1925/719

Kennebec Central RR: Valuation, V103

Kentucky & Indiana Terminal RR: Valuation, V33

Kentucky & Tennessee Ry: Valuation, V135; Construct a branch line, V67 1921/450;

Kentucky Midland RR: Valuation, V46; Sold to Chic. St.L.&N.O., V76 1922/294

Kentucky Rockcastle & Cumberland RR: Valuation, V43

Kentwood & Eastern Ry: Abandon line in Tangipahoa Parish, La., V76 1922/319; Valuation, V110

Kentwood Greenburg & South Western RR: Valuation, V103; Abandonment, V70 1921/201
Keokuk & Des Moines Ry: Acquisition of their line by St. Paul and Kansas City Short Line, V94 1924/87
Keokuk Union Depot Co: Valuation, V133
Kewaunee Green Bay & Western RR: Valuation, V114
Kinder & Northwestern RR: Partial abandon, V70 1921/189; Abandon Kinder to Emad V131 1927/87;
Kingsport RR: To take over 7 miles of U. S. Govt. line from Clinchfield RR at Kingsport to Southern Ry at Holston. Op. by Sou. Ry V.271 1948-49;
Kinston Carolina RR: Abandon, V154 1929/35; Valuation, V97
Kinzua Hemlock RR: Valuation, V119
Kinzua Pine Mills Co: Logging RR incorporated as Condon, Kinzua & Southern RR, V145 1928/427, 622
Kishacoquillas Valley RR: Valuation, V110; Abandon V236 1939/371
Kissimmee River Ry: Abandon part, V158 1929,745
Klamath Northern RR: Acquisition of logging RR of Gilcrist Tbr. Co V247 1941/632
Klickitat Log & Lbr. Co: Abandon line, V145 1928/503
Knox RR: Abandon, V187 1931/387
Knoxville & Carolina RR: Reorganization of Knoxville, Somerville & Eastern RR, V72 1922/221
Knoxville Sevierville & Eastern RR: Reorganization as Knoxville & Carolina RR, V72 1922/221; Valuation, V84
Koolau Ry: Abandon in Honolulu, V180 1931/262
Kosciusko & Southeastern RR: Abandon, V189 1932/45
L'Anguille River Ry: Abandon, V180 1931/636; Valuation, V103
La Crosse & Southeastern RR: Abandon, V189 1932/785; Valuation, V119
La Salle & Bureau County RR: Valuation, V141
Lackawanna & Montrose RR: Valuation, V39
Lackawanna & Wyoming Valley RR: Reorganized V275 1949-51/345; Acquired by DL&W V295 1955-58/653 & V312 1860-62/327;
Lake Champlain & Moriah RR: Valuation, V106
Lake Charles & Northern RR: Acquisition by Tex.&N.O., V117 1926/504; Valuation 36&47
Lake Decatur & South Eastern RR: Acquires Staley Mfg. Co line in Macon County, Ill, V175 12931/405
Lake Erie & Eastern RR: Valuation, V28
Lake Erie & Fort Wayne RR: Valuation, V114
Lake Erie & Western RR: Valuation, V38
Lake Erie Franklin & Clarion RR: Valuation, V133; Abandon branch, V217 1936/387 & V236 1939/17
Lake Providence, Texarkana & Western RR: Valuation, V110; Abandon part in East Carrol Parish, V166 1930/558
Lake Superior & Ishpeming RR: Valuation, V116
Lake Superior Terminal & Transfer Ry: Valuation, V130
Lake Tahoe Ry & Trans.: Acquired by S.P., V99 1925/319 & V131 1927/726; Valuation, V125
Lake Terminal RR: Valuation, V133
Lakeland Ry: Operation of line Lakeland to Naylor, Ga, V138 1928/8
Lakeside & Marblehead RR: Valuation, V130
Lancaster & Chester Ry: Valuation, V133
Lansing Connecting RR: Acquired by Grand Trunk Ry, V67 1921/780;
Laona & Northern Ry: Valuation, V110
Laurel Fork Ry: Valuation, V103; Abandonment in Carter Co, Tn, V94 1924/473
Laurinburg & Southern RR: Valuation, V108
Lawndale Ry & Industrial Co: Valuation, V116
Leavenworth & Topeka RR: Abandon, V170 1930/ 410; Valuation, V116
Leavenworth Depot & RR: Valuation, V44
Leavenworth Terminal Ry & Bridge Co: Valuation, V121
Leelanau Transit Co: Acquired by Manistee & Northeastern Ry, V150 1928/265
Leesville Slagle & Eastern Ry: Abandon, V180 1931/453
Leetonia Ry: Abandon in Tioga Co, Pa. V72 1922/507
Lehigh & Hudson River RR: Valuation, V137
Lehigh & New England RR: Abandon part of Pochuck RR in Orange Co, NY and Sussex Co, NJ, V117 1926/5; Acquisition by Reading RR denied, V124 1927/81; Valuation, V35; Abandon from Saylorsburg Br. to Lake Poponoming, 1 mile, V199 1933/25; Abandon Slatington Br, 6 miles, V202 1934/315; Abandon Quarry Jct. to Bangor, Pa., 4 miles, V217 1936/545; Abandon Saylorsburg Br, 5 miles, V228 1938/385; Abandon Northampton Jct. to Wind Gap, Pa, 10 miles, V233 1938/395; Abandon V312 1960-62/645l
Lehigh & Susquehanna RR: Bought by Rdg RR V317 1962-63/633;
Lehigh Valley RR: Valuation, V34; Abandon part of Harveys Lake Br. in Sullivan and Wyoming Co, Pa., V71 1922/150; Construct extension in Bayonne, NJ, V99 1925/703; Acquire Ironton RR, V99 1925/667; Reconstruction Finance Corp. loan, V184 1932/183 & V187 1931/651 & V189 1932/109 & V199 1993/205 & V425, 523 & V207 1935/193, 731 & V212 1935/155 & V217 1936/417 & V224 1937/700 & V230 1938/670; Abandonment denied, on State Line and Sullivan RR, Pa. V202 1934/659; Abandon Spencer to near Ithaca, NY, 22 miles, V207 1935/370; Abandon Bear Creek Branch to Beuplain, Pa. V212 1935/797; Abandon Canasota to Camden, 20 miles, V228 1938/449; Abandon Van Ettan to Horseheads, NY 19 miles, V228 1938/147; Abandon part Loyalsock RR, Pa., V233 1938/234; Abandon Buffalo pass. sta. to Dingens St, 4.2 mi V290 1953-55; Discontinue pass. service V307 1959/239, 257 & V312 1960-62/399 & 411; Abandon track in Pa.and use track of C.N.J. V328 1966/1; Abandon Dushore to Towanda, Pa.(Denied) V338 1970-71/793; Operations between Scranton and Easton V342 1968-73/227; Abandon Ithaca Branch V3217 1962-63/242;
Lenox RR: Abandon, V124 1927/95
Levisa River RR: Construction in Pike county, Ky, V158 1929/210 & V257 1944/203;
Lewiston & Youngstown Frontier Ry: Abandonment , V124 1927/219
Lexington Terminal RR: Valuation, V119
Lexington Union Station, Valuation, V103
Liberty White RR: Abandon V70 1921/411
Ligonier Valley RR: Valuation, V114
Lima Toledo Ry: Acquired by Cinc, Ham. & Dayton Traction Co, V154 1929/603
Lime Rock RR: Abandon V217 1936/509
Linville River Ry: Valuation, V103; Abandon, V236 1939/403; Abandon V244 1840/491;
Litchfield & Madison RR: Valuation, V116; Extension in Madison and Macoupin Counties, V111 1926/200; Madison County extension, V184 1932/694; Reconstruction Finance Corp. loan, V202 1934/415
Lithonia & Arabia Mountain Ry: Valuation, V106
Little Kanawha RR: Valuation, V42; Abandon V221 1937/289
Little River RR: Valuation, V103; Abandon V236 1939/405
Little Rock & Argentus RR: Missouri Pacific RR acquisition, V67 1921/479
Live Oak Perry & Gulf RR: Abandon part in Taylor & Jefferson Co's, Fla and Mayo-Alton Branch, V138 1928/776; Excess income, V187 1931/485; Valuation, V125; partial abandonment, V70 1921/607; Abandon a branch in Taylor Co., Fla., V71 1922/133; Construction, V207 1935/333; Abandon part V.252 1942/29;
Long Bell Lbr Co.: Incorporation of Mississippi Eastern Ry, V145 1928/158; Meridian & Bigbee River Ry takes over logging RR portion, V162 1930/438
Long Fork Ry: Valuation, V26
Long Island RR: Abandon part of Whitestone Br. in Queens County, V162 1930/363 & V166 1930/671 & V175 1931/163; Valuation, V36; Proposed abandonment V199 1933/471; Abandon Laurelton to Cedarhurst, 3.4 miles, V202 1934/333; Abandon 3.3 miles part of Manhattan Beach Br. in Brooklyn, V221 1937/635; Abandon Wading River Br, 11 miles, V228 1938/779; Abandon Sag Harbor Br, 4.4 miles, V230 1938/785; Reorganized V275 1948-49/625 & V295 1955-58/208
Longview Portland & Northern Ry: New line construction in Cowlitz and Lewis Co's, Wash, V90 1924/303; Trackage rights use between Longview Jct and Olequa by GN, NP, OWR&N, V138 1928/405; New line construction in Cowlitz and Lewis Co's, Wash., V79 1923/805
Lorain & Southern RR: Valuation, V125
Lorain & West Virginia Ry: Valuation, V31
Lorain Ashland & Southern RR: Valuation, V23; Abandon line in Lorain, Ashland & Wayne Co's, Oh V99 1925/69
Loranger Louisiana & Northeastern RR: Valuation, V116
Los Angeles & Salt Lake RR (U.P.RR): Part abandonment Glendale Branch, V131 1927/491; Operation into Columbia Steel Co plant from Provo, Ut, V124 1927/207V138 1928/635; Abandon part of Rialto Br in San Bernardino County, V145 1928/235; Abandon part of Pasadena Br, V150 1928/638; Branch construction in Clark County, Nev., V154 1929/582; Abandon part of San Pedro Br. in Long Beach, V170 1930/631; Abandon Delta & Kinckley Branches, Millard County, Ut, V187 1931/642; Abandon part of San Pedro Br, V187 1931/665; Branch line construction in Iron Co, Utah, V72 1922/746 and Millard Co, Utah, V72 1922/147; Abandon spurs in Long Beach, V199 1933/603 & V202 1934/21; Construction, V202 1934/454; Abandon Overton to St. Thomas, Nev, 4 miles, V212 1935/597; Abandon Milford to New House, Ut, 22 miles, V221 1937/309; Abandon Fairfield Br, Topliff - Five Mile Pass, Utah, 1 miles, V228 1938/223; Abandon part of Glendale Br, 2.5 miles, Cal, V228 1938/783; Abandon Crestmore line 14.8 miles in San Bernardino County, Cal. V244 1940/675;
Los Angeles Junction RR: Valuation, V43; Construction in Los Angeles, V99 1925/287 & V111 1926/433 & V124 1927/703
Louisiana & Arkansas RR: Valuation, V133; Use of La. Ry & Nav. Co line, V145 1928/228; Reorganization, V150 1928/477; Acquisition, V202 1934/587; Abandon, V236 1939/759; Reconstruction Finance Corp. loan, V239 1940/222 & V240 1940/715 & V242 1940/61; Operation of something V244 1940/235, 577; Abandon Fox, Tx to I.C.RR at Tx-La state line, 13.8 mi and build from Fox to K.C.S.RR near Blanchard, La. 16 mi V290 1953-55/434; Discontinue trains #15 & 9, 10 & 16 V333 1968/51; Disc. #1 & 2 V333 1968/51 & V334 1968/807; Disc. Hope, Ark to Shreveport V317 1962-63/155;
Louisiana & North West RR: Valuation, V135: Partial abandon, V70 1921/392; Reorganization, V224 1937/58 & V228 1938/110 & V230 1938/171, 739 & V236 1939/255; Reorganization V244 1840/721;
Louisiana & Pacific Ry: Abandon V70 1921/629; Valuation, V135; Abandon connecting line and trackage rights over Lake Charles & Northern RR, V117 1926/170; Abandon branch in Beauregard Parish, La. V94 1924/429
Louisiana & Pine Bluff Ry: Valuation, V135
Louisiana Arkansas & Texas RR: Operate over part of St.L.S.W.Ry, V162 1930/766; Abandon V224 1937/22
Louisiana Midland RR: Bought by C.R.I. & P. RR V363 1980-81/822
Louisiana Railway & Nav. Co.: Valuation, V106; Relocate line in Avoyelles and Pointe Coupee Parishes, La., V99 1925/731; Use of its line by La. & Ark. RR, V145 1928/228; Abandon part Winnfield Br. in Grant and Winn Parishes, V162 1930/285
Louisiana Southern Ry: Abandon track in New Orleans, V99 1925/658; Valuation, V29; Reconstruction Finance Corp. loan, V193 1933/1; Abandon, V202 1934/371 & V212 1935/393 & V224 1937/789
Louisiana Western RR: Acquired by Tex.&N.O.RR, V117 1926/504; Valuation, V36
Louisville & Interurban Ry: Abandon, V162 1930/28

Louisville & Jeffersonville Bridge Co: Valuation, V116; Merged into Big 4 CCC&StL V290 1953-55/725;
Louisville & Mississippi Railroad Transfer Co: Valuation, V121
Louisville & Nashville RR: (see also Louisville Henderson & St. Louis and other leased railroad companies): Valuation, V39; New line in Harlan Co, Ky and Lee Co, Va, V124 1927/581; Acquisition of private line Kentenia-Catron Co, Harlan Co, Ky, V131 1927/335; Acquire Cumberland & Manchester RR, V111 1925/551; Acquire Louisville Henderson & St. Louis RR, V150 1928/741; Extend Left Fork Branch in Bell Co, Ky, V150 1928/726; Acquire Carrollton Ry, V166 1930/425; Discontinue #101 & 104 V307 1958-60/392 & #9 & 12 V307 1958-60/173; Construction Patty to Calhoun, Tn. V312 1960-62/169; Discontinue pass. trains Bowling Green , Ky to Memphis V307 1959/392; Discontinue pass. service Ocean Springs, Miss. to New Orleans V307 1959/173; Purchase C.&E.I. V334 1968/273; Discontinue trains #9 & 12 V320 1963/699; Disc. #94 & 95 V328 1966/427; Disc. #102 & 103 V328 1966/908; Disc. #1 & 4 V330 1967/551; Disc. #62 & 63, 5 & 34 V330 1967/133; Disc. #53 & 92 V331 1967/203; Disc. #6 & 7 V333 1968/720; Disc. #11 & 12 V334 1968/566; Disc. #3 3 & 4, 5 & 10 V336 1969/81;
Abandonments: part of branch in Lawrence Co, Tenn., V71 1922/225; part of Acton Br. in Shewlby Co, Ala, V131 1927/295; part Florala Br in Covington Co, Walton County, Fl, V145 1928/13; Halsey Br in Whitley Co. Ky, V154 1929/7; Kennedy Creek Br, Tuscaloosa Co, Ala, V154 1929/457; Louisville & Interurban RR in Jefferson Co, Ky, V162 1930/28; part of Pontchartrain line, V166 1930/407; Wilton Br in Whiltrey & Knox Co's, Ky, V170 1930/575; branch in Laurel Co, Ky, V180 1931/342; Franklin - Estill Co's, Ky, V187 1931/311; Florada, Ala to Lakewood, Fl, 3 miles, V189 1932/119; Ruffner Mine #2 to Trussville, 9.4 miles, Ala, V189 1932/647; Princeton Jct, Tn to Gracy, Ky, 22 miles, V189 1932/701; 4 lines, V193 1933/255,595,680,723; N. Ala. Jct. to Searles, Ala, 3 mi, V199 1933/27; Napier Jct. to Napier, Tn 11 miles, V199 1933/224; Redding to Readers, Ala, 5 miles, V199 1933/381; Heidelberg to Ida May, Ky, 3 miles, V207 1935/63; V207 1935/791; Hematite to Pond, Tn, 31 miles, V212 1935/572; Lexington to Perryville, Tn, 24 miles, V217 1936/266 Saxton to Jellico, Ky, 3 miles, V217 1936/783; Russellville to Adairville, Ky, 12 miles, V230 1938/143; Clay to Morganfield, Ky, 18 miles, V236 1939/151; Swan Creek Jct. to Gordonsburg, Tn, 15 miles, V236 1939/307; O'Fallon to O'Fallon Jct, Il, V242 1940/725; Tenn. Western RR, V230 1938/517; Allingham to Harriman, Tn. 16.6 miles V249 1941/535; Sheffield to Tuscumbia, Ala 2.3 miles V249 1941/340; Fayetteville & Lewisburg, Tn. V312 1960-62/495; Hartsville Jct. , Tn. to Scottsville, Ky, 26 miles V307 21959/286; Jackson - Shell Plant, Tn V331 1967/93; Bruceton - Rose Hill, Tn V363 1980-81/965 & V366 1981-83/1; Medayville to Michigan City, In V363 1980-81/518; Paducah & Murry, Ky V363 1980-81/965 & V366 1981-83/1; Dresden - Union City, Tn V366 1981-83/1;
Louisville & Wadley RR: Valuation, V103
Louisville Bridge & Terminal Ry: Valuation, V23
Louisville Henderson & St. Louis Ry: Acquired by L.&N.RR, V150 1928/741; Excess income, V189 1932/529; Valuation, V31; Abandon Irvington to Forksville, 38 miles and branches to Hardensburg, 1. 7 miles and Dempster to Fll of Rough, 4.4 miles V244 1944/693;
Louisville New Albany & Corydon RR: Valuation 116
Lowell & Southern RR: New line in La Salle Co, Il, V117 1926/1; Valuation, V45
Lowville & Beaver River RR: Valuation, V116
Ludington & Northern Ry: Valuation, V116
Lufkin Hemphill & Gulf RR: Valuation, V110; Abandon V224 1937/167
Lyon Lbr. Co: Abandon of operation by Garyville Northern RR in La., V184 1932/367
Mackinac Transportation Co: Valuation, V116; Abandon car ferry V328 1966/832
Macon & Birmingham Ry: Abandon Sofkee to LaGrange, V117 1926/385, 543
Macon Dublin & Savannah Ry: Valuation, V35
Macon Terminal Co: Valuation, V121
Macomb Industry & Littleton Ry: Valuation, V110
Madison County Ry: Abandon in NC, V99 1925/645; Valuation, V29
Madison Southern Ry: Abandonment in Madison Co, Fl, V76 1922/491
Magma Arizona RR: Valuation, V103
Maine Central RR: Acquisition of Belfast & Moosehead Lake RR, V70 1921/405; Valuation, V30; Abandon part of Hereford Ry, V99 1925/7; Acquire part control of St. Johnsbury & Lake Champlain RR, V150 1928/549; Acquire Coos Valley RR and Upper Coos RR, V175 1931/461; Reconstruction Finance Corp. loan, V189 1932/74; & V199 1933/703 & V207 1935/466 & V212 1935/65; Abandon branch, V193 1933/117; Abandon Woodland Jct to Princeton, 11 miles, Me, V207 1935/41; Abandonment denied, V207 1935/97; Abandon Austin Jct. to Kineo, Me 51 miles, V217 1936/227; Abandon Oquossoc to Kennebago, Me, 11 miles, V217 1936/339; Abandon Waukeag to Mont Desert ferry, 2.4 miles and Crowleys Jct to Leeds Jct, 11 miles, V224 1937/232; Abandon Rumford Falls & Rangely Lakes RR line, V217 1936/341; Abandon Livermore Falls to Farmington V354 1977-78/177;
Mammoth Cave RR: Valuation, V103
Manchester & Oneida RR: Valuation, V103
Manila & Southwestern Ry: Abandon, V162 1930/625; Valuation, V110
Manistee & North Eastern RR: Valuation, V 114; Abandonment branch in Benzie Co, Mich, V86 1923/406; Abandon River Branch Jct. to Grayling and Manistee to Traverse City, V99 1925/344; Reorganization V117 1926/496; Acquires Leelanau Transit Co, V150 1928/265; Acquired by Pere Marquette RR, V180 1931/166; Abandon V199 1933/745
Manistee & Repton RR: Abandon part from Dottelle to Manistee Jct, and extension Monroeville to Monroeton, V117 1926/727; Valuation, V103; Abandon V212 1935/682; Abandon all , L. & N. RR to acquire V324 1965-66/487;
Manistique & Lake Superior RR: Valuation, V97; Abandon a branch in Schoolcraft Co., Mich, V71 1922/329
Manitou & Pike's Peak Ry: Valuation, V125
Mansfield Railway & Transportation Co: Valuation, V135
Manufacturer's Junction Ry: Valuation, V26
Manufacturer's Ry (Toledo, Oh): Valuation, V23
Manufacturers Ry (St. Louis): Operation on the Municipal Bridge, V145 1928/715 & V150 1928/708; Valuation, V130
Marcellus & Otisco Co: Valuation, V43; Abandon, V240 1940/545
Marianna & Blountstown RR: Acquires logging RR of Blountstown Mfg. Co., Blountstown to Scotts Ferry, V124 1927/743; Operation of line from Scotts Ferry to Myron, Ga, V94 1924/229; Acquire Ala, Fl, & Ga RR, V187 1931/589; Valuation, V119; Abandon V217 1936/113
Marietta & Vincent RR: Abandonment in Washington Co., Oh V76 1922/695
Marinette Tomahawk & Western RR: Valuation, V103; Abandon part in Lincoln County, Wis, V180 1931/49
Marion Ry: Valuation, V116
Marion & Eastern RR: Acquired by M.P. RR, V117 1926/702; Valuation, V106
Marion & Linn County RR: Acquisition by S.P., V124 1927/614
Marion & Rye Valley RR: Abandon, V180 1931/504; Valuation, V106
Marion & Southern RR: Valuation, V106; Abandon V224 1937/95
Marquette & Bessemer Dock & Nav. Co: Abandonment of car ferry on Lake Erie, V187 1931/177
Marshall & East Texas Ry: Abandonment, V67 1921/365,744;
Marshall, Elysian Fields & Southeastern Ry; Line extension in Harrison Co, Tx, V86 1923/385; Line operation in Harrison Co, Tex, V86 1923/352; Valuation, V43; Abandon Marshall to Elysian Fields, V117 1926/392; Reconstruction Finance Corp. loan, V193 1933/133
Maryland & Delaware Coast Ry: Operation of a line in Caroline Co, Md and Sussex Co, Del., V90 1924/209; Valuation, V43; Abandon, V202 1934/177
Maryland & Pennsylvania RR: Valuation, V135; Reconstruction Finance Corp. loan, V184 1932/283 & V212 1935/672 & V228 1938/47
Maryland Delaware & Virginia Ry: Valuation, V84
Mascot & Western Ry: Valuation, V106
Mason City & Fort Dodge RR: Abandon part of Lehigh Br., Webster County, V180 1931/765
Massena Terminal RR: Valuation, V25
Massillon Belt Ry: Abandon short piece in Massillon and acquire part of W&LE in Massillon and Stark Counties, V150 1928/714, 717; Valuation, V106
Mattawamkeag & Eastern RR: Construct for Me.C.RR new lines Houlton to Bangor and Drew Plantation to Mattawamkeag, Me., V72 1922/39
Maxton Alma & South Bound RR: Valuation, V110; Abandon V217 1936/721
Mayo & Cook's Hammock RR: Construct Mayo to Cook's Hammock, Fl, V154 1929/431 & V199 1933/107; Reconstruction loan V199 1933/117; Construction, V202 1934/420 & V207 1935/333;
McCloud River RR, Valuation, V141; Takes over McC Riv. Lbr. Co. line Slagger Creek to Pondosa, V145 1928/607 & V154 1929/249
McCormick, Chas. R., Lbr. Co: RR acquired by Spokane P. & S. RR, V180 1931/265
McKeesport Connecting RR: Valuation, V125
Memphis Dallas & Gulf RR: Abandon 3 lines in Pike, Garland, Montgomery, Clark, and Dallas Co., Ark, V72 1922/206
Memphis Union Station Co: Valuation, V97
Mendocino Coast Ry: Leases Calif. Western RR V354 1977-78/732;
Meridian & Bigbee River Ry: Takes over log RR of Long Bell Lbr. Co., V162 1930/438; Reconstruction Finance Corp. loan, V187 1931/127 & V189 1932/345 & V193 1933/506, 677 & V207 1935/343 & V221 1937/325; Abandon, V236 1939/693; Reorganization V247 1941/259 & V271 1948-49/233;
Meridian & Memphis Ry: Acquired by GM&N RR, V154 1929/479; Valuation, V125
Meridian Terminal Co: Valuation, V114
Merietta Lbr. Co: Acquisition of rail line by Canton & Carthage RR, V150 1928/501
Miami Mineral Belt RR: Acquired by St.L.-S.F., V158 1929/199; Valuation, V25
Michigan Air Line Ry: Belt line construction in Pontiac, V138 1928/699
Michigan Central RR: Abandon Grosse Isle Br., V154 1929/4; Abandon part of Dearborn Br, V154 1929/58; Abandon Johannesburg Br, Otsego County, V166 1930/794; Acquire Lansing Mf'rs RR, V166 1930/561, 713; Extend in Kent County, V166 1930/631; Abandon part of East Jordan Br in Antrim and Charlevoix Counties, V170 1930/775; Abandon St. Clair & Western RR, St. Clair & Macomb Co's, V187 1931/460; Abandon part of East Jordan Br, Crawford-Otsego & Antrim Co's, V187 1931/339; Abandon Grayling to Lewiston, Mich, 27 miles, V189 1932/32; Abandon Barron Lake Br, 5.4 miles, in Berries Cass Co, V189 1932/561; Valuation, V28; Branch abandon, V193 1922/143; Abandon Hookworth to Afton, 13 miles, Mich, V217 1936/143; Abandon Haires to O.D.Tower, 4 miles, Jackson Co., Mich, V240 1940/775; Abandon Det., Tol. & Mil.RR, V184 1932/705 & V221 1937/287; Abandon Gaylord to Mackinac City & car ferry V328 1966/832;
Michigan Northern RR: New line Lansing to Midland, Mich, V72 1922/21
Middle Creek RR: Acquire line in W.V., V117 1926/103; Valuation, V43
Middle Fork RR: Acquire logging RR, V175 1931/447
Middleburgh & Schoharie RR: Valuation, V43
Middletown & Hummelstown RR: Valuation, V32
Middletown & Unionville RR: Valuation, V125; Reorganization V261 1945-46/457

Midland & Northwestern Ry: Abandon by T&P RR its line in Texas, V99 1925/460 & V111 1926/389
Midland Continental RR: Valuation, V119
Midland Terminal Ry: Valuation, V110;
Midland Valley RR: Reorganization, V150 1928/584; Valuation, V141; Abandon V212 1935/245; Construct 1.5 mi Hackett to coal tipple V271 1948-49/282;
Milledgeville Ry: Valuation, V110
Millers Creek RR: Valuation, V135
Milltown Air Line Ry: Valuation, V114; Abandon V117 1926/567
Milstead RR: Valuation, V106;
Milwaukee Rockford & Southwestern RR: Reorganization V212 1935/377; Reconstruction Finance Corp. loan V217 1936/103;
Milwaukee Terminal Ry: Valuation, V44
Minarets & Western Ry: Operation of lines in Fresno and Madera Co's, Cal, V94 1924/68; Valuation, V43; Abandon V199 1993/358
Mineral Point & Northern Ry: Valuation, V106; Abandon Highland to Highland Jct., V158 1929/591
Mineral Range RR: Abandon leased Hancock & Calumet RR, V117 1926/123 & V131 1927/72; Abandon St. Mary's Jct. to Point Mills, V131 1927/279; Abandon Lake Jct. to Osceola, V162 1930/159; Valuation, V26; Abandon V224 1937/480; Reorganize V267 1946-48/553;
Mingo Valley RR: Authorized to construct a branch in Washington Co, Pa. V71 1922/139; New line construction in Washington C'ty, Pa, V82 1923/797
Minneapolis & Rainy River RR: Valuation, V133
Minneapolis & St. Louis RR: Valuation, V137; Reconstruction Finance Corp. loan, V184 1932/238 & V189 1932/3, 337, 799; Receivership, V233 1938/93, 350, 605; Abandon Aberdeen to Leola, SD, 30 miles, V239 1940/179; Abandon Conde to Akash, SD, 103 miles, V240 1940/329; Reorganization, V240 1940/57 & V244 1940357, 395; & V.249 1941/605 ^ V.252 1942/125, 289 & V254 1942-44/513; Discontinue Minneapolis to Des Moine train V307 1958-60/79; Purchase by C&NQ V312 1960-62/285; Discontinue train Minneapolis to Des Moines V307 19958/79;
Abandonments: line Walworth Co, SD, V90 1924/630; part of line in Marshall Co, Ia, V99 1925/526; Hollister Br. in Langlade Co, Wis, V175 1931/295; Knox Br. in Price Co., Wis, V175 1931/111; Martinsburg to junction, 22.4 miles in Keokuk and Wash. Co.s, Ia, V207 1935/459; several lines, V212 1935/270, 441, 501, 575, 631; denied Newby to Van Cleve, Ia 16 miles, V224 1937/411; 4 branches, V224 1937/83, 111, 411,523; Spencer to Storm Lake, Ia, 37 miles and St. Benedict to Algona, Ia, 8 miles, V228 1938/457, 459; Sells to Mil. RR Storm Lake to Rembrandt, 12 miles, V212 1935/449; Newburg to Van Cleve, Ia, 16 miles, V233 1938/390; Corwith to St. Benedict, Ia, 7 miles, V233 1938/796; Lynnville Jct to Lynnville, Ia. 2.6 miles V267 1946-48/623;
Minneapolis Anoka & Cuyuna Range RR: Reorganization, V162 1962/673
Minneapolis Eastern Ry: Acquisition by Mil. RR, V131 1927/673; Valuation, V143
Minneapolis Northfield & Southern Ry: Valuation, V135; Abandon Northfield, Mn 1.7 miles branch that connected with C.G.W. Used for pass. service now gone V247 1941/311;
Minneapolis Red Lake & Manitoba Ry: Valuation, V108; Abandon V228 1938/103
Minneapolis St. Paul & Sault Ste. Marie Ry: Valuation, V143; Acquisition of Wisconsin & Northern RR, V70 1921/31; Abandon Ironhub to Deerwood, Mn, 4 miles. V70 1921/698; Reconstruction Finance Corp. loan, V184 1932/49 & V187 1931/165 & V189 1932/491 & V202 1934/11 & V217 1936.9, 249 & V221 1937/128; Abandon br. Shawanop & Langlade Co's, Wis, V105 1925/483; Abandon parts on Aitkin and Crow Wing Co's, Mn, V162 1930/175; Abandon branch in Sawyer Co, Wis, V170 1930/627; Abandon Stanley, Merrill & Phillips RR, Wis, V170 1930/793; Pooling ore traffic, Mn, V187 1931/800; Abandon Rexton to Henricks, 12 mi, V189 1932/99; Abandon Rice Lake to Birchwood, Wis, 17 miles, V217 1936/399; Abandon one mile in Crow Wing Co, Mn, V217 1936/633; Reorganization, V228 1938/251; Abandon branch, V236 1939/485; Reorganization V.252 1942/525, 615 & V257 1944/441, 709; Discontinue Minneapolis to Sault Ste. Marie V307 1959.677; Discontinue Minneapolis to Enderlin, ND V307 1959125; Discontinue trains St. Paul to Duluth V312 1960-62/571; Discontinue #13 & 14 to Portal, ND V312 1960-62/729; Abandon with the Milwaukee and the C&NW Arcadia - Wisconsin Rapids, Plopver - Monrovia, New London - Sey, Ore, Wis V354 1977-78/458;
Minnesota & International Ry: Valuation V25
Minnesota Dakota & Western Ry: Valuation, V25; Abandon, V193 1933/405 & V236 1939/407; Abandon V.249 1941/503;
Minnesota Northwestern Electric Ry: Valuation 143
Minnesota Transfer Ry: Acquisition by Milwaukee RR, V131 1927/673; Valuation, V137
Minnesota Western RR: Acquisition of former Electric Short Line Ry, V90 1924/637; Extension Lake Lillian to Montevideo, Mn, V111 1926/377 & V131 1927/217; Acquisition, V189 1932/310; Valuation, V133; Reconstruction Finance Corp. loan, V184 1932/256;
Minter City Southern & Western RR: Abandon V189 1932/179
Mississippi & Alabama RR: Takes over Ala. & Miss. RR, V72 1922/685; Valuation, V43
Mississippi & Skuna Valley RR: Valuation, V43; Construct new line in Yalobusha and Calhoun Co's, Miss, V99 1925/606
Mississippi & Western RR: Valuation, V43
Mississippi Central RR: Abandon Tallahala Br in Forest and Perry Co's, V150 1928/60; Porterfield North Eastern RR (SP): Abandon V193 1933/647; Sale of branch Beaumont to Hattiesburg, Ms, 26 miles to G. M. & N., V70 1921/425; Abandon Hattiesburg 11.7 miles south, V70 1921/425; Valuation, V135; Extension, V242 1940/177; Sell to Ill. Central V334 1968/282; Acquisition by G. M. & O. V348 1975-77/467;
Mississippi Eastern Ry: Operation of Long Bell Lbr. Co. log railroad, V145 1928/158; Abandon part in Clarke County, V175 1931/270; Valuation, V106
Mississippi Export RR: Operate former Ala. & Miss. RR line in Jackson and George Co's, Miss., V76 1922/405; Valuation, V43; Reconstruction Finance Corp. loan, V180 1931/727 & V207 1935/78;
Mississippi River & Bonne Terre Ry: Acquired by Mo-Ill RR, V154 1929/77; Valuation, V106; Abandon V.249 1941/619;
Mississippi River Western Ry: Construct spur line in Mississippi County, Ark and several lines operation, V154 1954/263; Acquisition by St. L - S. F. Ry V170 1930/216
Mississippi Southern RR: Abandon, V158 1929/476
Mississippi Valley RR: Abandon Monticello Branch in Lincoln and Lawrence Counties, V145 1928/289
Mississippian Ry: New line construction in Monroe and Itawamba Co's Miss., V82 1923/698; Valuation, V43
Missouri & Arkansas RR: Reorganization, V207 1935/641, 738, 741,749; V212 1935/587; Abandon V271 1948-49/171;
Missouri & Illinois Bridge & Belt RR: Valuation, V125
Missouri & Kansas Ry: Abandon interurban V217 1936/426
Missouri & North Arkansas RR: Financial needs, V166 1930/248; Reconstruction Finance Corp. loan, V187 1931/268; Valuation, V125; Reorganization V207 1935/641
Missouri Illinois RR: Acquires Miss. River & Bonne Terre RR, V154 1929/77; Mo.Pac. RR acquires control, V154 1929/77; Valuation, V45: Take over Illinois Southern Ry line, V67 1921/283; Abandon Miss.Riv&B.T. RR line V.249 1941/619;
Missouri Kansas Belt Ry & Term. Co: Proposed construction, V207 1935/175; Reconstruction Finance Corp. loan, V184 1932/207
Missouri Kansas Texas Ry: Valuation, V34; Reorganization, V99 1925/330; Acquisition by K.C.S.Ry, V124 1927, V401; Part acquisition of Houston Port Terminal RR, V150 1928/402; Reconstruction Finance Corp. loan, V184 1932/291 & V230 1938/469; Abandon Dallas, Clegurne & Southwestern RR in Johnson City, Tx, V99 1925/279; Merger of MKT, MTK-Mo & MKT-Tx V312 1960-62/13; Discontinue pass. trains #1 & 2, 5 & 6 V328 1966/784;
Missouri Oklahoma & Guld RR: New construction, Cherokee Co, Ks, V99 1925/375; Acquisition Ks, Ok & Gulf Ry, V138 1928/294; To operate extension of KO&G, V99 1925/375; Valuation, V135; Construction of extension in Cherokee Co, Ks, V72 1922/392
Missouri Pacific RR; (See also New Orleans, Texas and Mexico , International & Great Northern RR and other principal subsidiaries). Valuation, V40: Acquire Little Rock & Argentus RR, V67 1921/479; Extension Eudora Br in West Carroll & Richland Parishes, La, V94 1924/98; New construction St. Clair and Monroe Co's, Il, V99 1925/353; Extension in Howard County, Ark, V111 1926/776; Acquisition of Marion & Eastern RR, V117 1926/702; Acquisition N.O. & Lower Coast RR, V117 1926/213; Construct branch in Rapides Parish, V117 1926/451; Extension Hot Springs Br, Garland County, Ark, V117 1926/155; Acquisition part of Coal Belt Electric Ry in Williamson County, Mo; Acquire Marion & Eastern RR, V117 1926/702; Acquire line and new construction in Scott and Cape Girardeau Co's, Mo, V145 1928/623; Acquire Mo.-Il.RR, V154 1929/77; Acquire Chester & Mt. Vernon RR, V175 1931/378; Acquire Doniphan, Kensett & Searcy RR, V175 1931/769; Acquire Northeast Oklahoma Ry, V180 1931/112; Reconstruction Finance Corp. loan, V180 1931/463, 509 & V184 1932/3 & V189 1932/286, 342, 549; Extension in Pulaski County, Ark, V187 1931/77; Reorganization, V212 1935/662 & V217 1936/215, 347, 397, 445, 577, 671 & V221 1937/282, 524, 791 & V224 1937/374, 405, 569 & V228 1938/187, 499, 570 & V230 1938/5, 377, 423, 529, 753 & V233 1938/488 & V236 1939/42, 465 & V239 1940/7, 159, 295; V240 1940/15, 179, 617; & V242 1940/707 & V244 1940/69 & V247 1941/101, 231, 273, 328, 363 & V.249 1941/251, 650 & V261 1945-46/601; Reorganize V275 1949-51/59, 203 & V282 1951-53/62 & V290 1953-55/233, 477, 6759; Discontinue trains Pleasant Hill, Mo to Newport, Ark V307 1960/787; Discontinue trains Atchison to Downs, Ks V312 1960-62/105; Discontinue #105 & 106 Omaha to Kansas City V312 1960-62/765; Discontinue Kansas City to Little Rock V312 1960-62/31; Merger T&P and Chi. & E. Ill. V348 1975-77/414 & V354 1977-78/763; Discontinue pass. trains Kansas City to Omaha V320 1963/383; Disc. #11 & 12 to Pueblo V328 1966/809; Disc. Houston to New Orleans V328 1966/ 631; Disc. #16 & 17 V330 1967/1276; Disc. #31 & 32 V331 1967/137; Disc. #14, 15, 16, 17 V334 1968/792;
Abandonments: part of line in Chicot County, Ark, V150 1928/600; Barton Crossing on CB&Q to Helena Crossing, Ark., 8.5 miles, V189 1932/1; Crosno to Belmont, Mo, 3.9 mi, V189 1932/43; Montor to Lake Village, Ark, 12 mi, V189 1932/53; Hally to Dermoth, Ark, 5.7 miles, V189 1932/755; spur track in Johnson Co, Mo., V76 1922/635; Freedonia to Peru Jct?, Ks, 40 miles, V193 1933/659; Yales to West Jct, Ks, 5 mi, V199 1993/145; branch, V199 1993/363; Calvert Jct. to Calvert, Tx, 5 miles, V202 1934/91; Lake City Jct. to Masso Spur, 5 miles, Jackson Co., Mo, V202 1934/595; Mound City to Blue Mound, Ks,, 12 miles, V212 1935/145; Ozark Jct. to Hartman Jct, Ark, 12 miles, V212 1935/275; Boonville, St.L.&S.Ry, V212 1935/307; St.L.B.&M.Ry branch, V193 1933/283, 327; 2 miles of Creve Coeur Br, St. Louis, V230 1938/515; Carthage Jct. to Asbury, Mo, 18 miles, V230 1938/620; 2.4 miles at Pike City, Ark, V230 1938/729; Crosno 12 miles of Belmont Branch, Mo, V233 1938/625; LeRoy to Madison, Ky, 30 miles, V236 1939/247; 2 branches, V239 1940/231, 799; Atlas to Granby, Mo, 15 miles, V242 1940/179; Iberia, St.M.&E.RR, V228 1938/525; International Gt. Nor. Tucker to Salt

City Jct, Tx, 4 miles, V242 1940/27; Le Roy to Madison, Ks 30 miles V247 1941/267; Le Roy to Madison, Ks 30 miles V249 1941/765; Denied Crete Br. MX Jct to Crete, Neb. 70 miles V307 1958/189; Iola to Cornell, Ks & Rich Hill Jct., Mo. V324 1965-66/357; Bismarck, Mo to White Water V342 1968-73/643; Hoisington to Great Bend, Ks V342 1968-1973/407;

Missouri Southern RR: Extension in Reynolds and Shannon Co's, Mo, V150 1928/338; Valuation, V114; Acquire from Fayette 30 mile south from Sou. Ry to build 3.5 miles GM&O to Buhl, V99 1925/773; Reconstruction Finance Corp. loan, V184 1932/696 & V217 1936/334 & V221 1937/788; Abandon, V233 1938/397 & V236 1939/563; Abandon V244 1940/528;

Mobile & Ohio RR: Abandon branch in Mobile Co, Ala, V90 1924/761; Abandon South Columbus to Columbus, Ky, V138 1928/305; Reconstruction Finance Corp. loan, V180 1931/611 & V187 1931/261 & V207 1935/454 & V217 1936/15; Abandon Mann to Davis, Ala, 8 miles, V221 1837/97; Receivership, V233 1938/221; Abandon Tacon to Bayou L. Batre, Ala, 30 miles, V242 1940/570; Abandon Warrior Southern RR, V228 1938/528; Track in Mobile acquired by GM&N V244 1940/671;

Modesto & Empire Traction Co: Valuation, V43

Monessen Southwestern Ry: Operation, V217 1936/181

Monon RR: Discontinue pass. trains #5 & 6 V330 1967/882; Merger into L. & N. RR V338 1970-71/134;

Monongahela RR: Catawba and part of Paw Paw Branches to B&O RR, V117 1926/329; Acquire Chartiers Southern Ry, V145 1928/579; Valuation, V23; Acquisition, V193 1933/33; Abandon, V202 1934/161; Operate Monongahela & Ohio RR by Morgantown & Wheeling RR, V94 1924/372

Monongahela Connecting RR: Valuation, V141

Monroe & Texas RR: Abandon Alpena to Lenwil, La, V105 1925/129

Monroe RR: Valuation, V114

Monson RR: Valuation, V106

Montana Eastern Ry (GNRy); Extension in Dawson and McCune Counties, Mont, V124 1927/547;

Montana RR: Valuation, V43; Acquisition and operation by the North & South Ry, V86 1923/663; Abandon V202 1934/771; Reconstruction Finance Corp. loan, V233 1938/153

Montana Western Ry: Valuation, V133; Abandon V275 1949-51/512;

Montana Wyoming & Southern RR: Valuation, V135

Montour RR: Acquire Pittsburgh, Lisbon & Western RR, V150 1928/43, 619; Abandon Lewis Run Br, Allegheny County, V158 1929/237; Abandon part, V230 1938/53

Montpelier & Barre RR: Valuation, V33

Montpelier & Wells River RR: Valuation, V30; Merged into B&M RR, V76 1922/797

Montreal & Atlantic Ry: Valuation, V106

Moore Haven & Clewiston Ry: Acquired by A.C. L. V99 1925/193

Morehead & North Fork RR: Valuation, V119; Abandon, V193 1933/581; Acquisition Morehead to Clack Mtn. Tunnel, Ky, V202 1934/751

Morenci Southern Ry: Abandon a line in Greenlee Co., Ar., V71 1922/589

Morgan & Fentress Ry: Valuation, V119; Abandon, V217 1936/481

Morgans Louisiana & Texas RR: Acquisition of line in Lafourche Parish. V145 1928/799; Extension of Houma Br. in Terrebonne Parish, V166 1930/567; Extend line in Lafourche Parish, V166 1930/86, Abandon from Napoleonville Branch to T&M, LaFourche Parish, 1.2 miles, V189 1932/543; Valuation, V36

Morgantown & Kingwood RR: Valuation, V42

Morgantown & Wheeling RR: Operation of Monongahela & Ohio RR, V94 1924/372; Construction from Waynesburg, Pa to Blacksville on Pa-WV state line, V94 1924/372

Morris Terminal Ry: Valuation, V24&47

Morristown & Erie RR: Valuation, V26

Moscow Camden & San Augustine RR: Valuation, V106

Moshassuck Valley RR: Valuation, V97

Motley County Ry: Valuation, V110

Mound City & Eastern Ry: Construction in Campbell and McPherson Counties, S.D., V138 1928/553; Finances V166 1930/123; Abandon, V239 1940/186

Mount Gilead Short Line: (NYC) Abandoned V154 1929/141; Abandon V.252 1942/33

Mount Hood RR: Reconstruction Finance Corp. loan, V189 1932/339; Valuation, V106

Mount Hope Mineral RR: Acquisition by C.N.J., V158 1929/691; Valuation, V125

Mount Jewett Kinzua & Riterville RR: Acquired by B.&O.RR, V175 1931/565; Abandon officially six branch line subsidiaries, V175 1930/565; Valuation, V108

Mount Vernon Terminal Ry: Organization, V233 1938/498

Mountain Central Ry: Valuation, V106

Muncie & Western RR: Valuation, V106

Muncie Belt Ry: Valuation, V106

Munising Marquette & Southeastern Ry: Valuation, V34

Murfreesboro Nashville Ry; Reconstruction Finance Corp. loan, V189 1932/225

Murfreesboro Nashville Southwestern Ry: Valuation, V43

Muscatine Burlington & Southern TRR: valuation, V97

Muscle Shoals Birmingham & Pensacola RR: Acquisition of part of Gulf Ports Terminal Ry, V131 1927/411; Acquisition of line Pensacola, Fl to Kimbrough, Ala and control by St.L.S.F.Ry, V105 1925/99 & V145 1928/110

Muscogee Electric Traction Co: Abandon V244 1940/580;

Muskegon Railway & Nav. Co., Valuation, V45; Acquisition by Grand Trunk Western Ry, V131 1927/165

Nacogdoches & Southeastern RR: Abandon part LaCerda to Pershing, Tex, V105 1925/686; Abandon trackage rights Frost Lbr. Industries Oil Springs to La Cerda, V117 1926/23; Valuation, V135

Naples Seaboard & Gulf Ry: Acquisition by S.A.L., V117 1926/444 & V131 1927/787 & V145 1928.331; New line construction in Lee and Collier Co's, Fl, V105 1925/113, 255, 401, 617

Narragansett Pier RR: Valuation, V84

Nashville & Atlantic RR: New line in Warren and Van Buren Co's, Tn, V72 1922/655; Valuation, V43; Abandon V230 1938/708

Nashville Chattanooga & St. Louis Ry: Branch construction in Sequatchie Co, Tn, V124 1927/2432; Abandon Middle Tennessee & Alabama Br. in Lincoln Co, Tn and Madison and Limestone Co's, Ala, V150 1928/539; Abandon Pryor Ridge, Q. Mine and Flat Branch spurs, Tn, V158 1929/339; Abandon part of Swan Creek Br, Hickman Co, Tn, V162 1930/249; Abandon part of Swan Creek Br, Hickman County, Tn, V175 1931/42; Valuation, V31; Abandon DeRossett to Clifty, Tn, 8 miles, V202 1934/781; Abandon Harsch Switch to Lebanon, Tx, 27 miles, V207 1935/328; Abandon Sparta to Ravenscroft, Tn, 12 miles, V217 1936/631;

Nashville Franklin Ry : Reconstruction Finance Corp. loan, V228 1938/1

Natalbany Lbr. Co.: RR line acquired by New Orl, Natalalbany & Natchez Ry, V154 1929/619

Natchez & Louisiana Ry Transfer Co: Valuation, V40

Natchez & Southern Ry: Valuation, V40

Natchez Columbia & Mobile RR: Abandon V189 1932/657; Valuation, V103

Natchez Urania & Ruston Ry: Valuation, V121

National Coal Ry: New line construction in Carbon Co, Utah, V99 1925/569; Acquired by Utah Ry, V105 1925/639

National Line RR: Construct a line in Webster Co., Miss, V71 1922/556

Neame Carson & Southern RR: Abandon Neamoe to Camp Baker and Carson Mill to C.C. Jct., La., v117 1926/326

Nelson & Albemarle Ry: Valuation, V141

Nelsonville Athens Electric Ry; Reconstruction Finance Corp. loan, V187 1931/235

Nevada California Oregon Ry; Abandonment of line in California and Oregon, V72 1922/433; Valuation, V45; Purchase by S.P., V124 1927/475, 529 & V138 1928/88 & V154 1929/647

Nevada Central RR: Valuation, V121; Abandon, V224 1937/312

Nevada Copper Belt RR: Valuation, V84

Nevada County Narrow Gauge RR: Valuation, V141

Nevada Northern RR: Excess income, V189 1932/415; Valuation, V84

New Castle & Ohio River Ry: Abandon Hanging Rock to New Castle, Oh, V117 1926/773

New Haven & Dunbar RR: Valuation, V45

New Holland, Higginsport & Mount Vernon RR: Abandon, V117 1926/348; Construct in Washington and Hyde counties, NC, V71 1922/119

New Hope & Ivyland RR: Organized V347 1967-74/13;

New Iberia & Northern RR: Extend Jefferson Island Salt Mine Br. in Iberia and Vermillion Parishes, V180 1931/269; Valuation, V29; Abandon V199 1933/113

New Jersey & New York RR: Valuation, V33; Abandon part, V233 1938/259; Reorganize V290 1953-55/9, 119; Discontinue train 1611 V307 1958-60/532; Reorganization V317 1962-63/441 & V328 1966/369; ;

New Jersey Indiana & Illinois RR: Valuation, V.40

New London Northern RR: Acquired by Cent. Vt. Ry, V158 1929/397;

New Mexico & Arizona RR: Abandon part in Cochise County, Az, V111 1926/577 & V170 1930/237

New Mexico Central Ry: Acquired by AT&SF, V111 1926/468; Line extension in Santa Fe and Rio Arriba Co's, NM, V99 1925/389; Abandon lines in Torrence and Santa Fe Counties, V145 1928/241, 771; Valuation, V106; Abandon V233 1938/147

New Mexico Midland Ry: Valuation, V84; abandon, V193 1933/745

New Orleans & Lower Coast RR: Acquisition by M.P.RR, V117 1926/213 & V166 1930/154; Valuation, V119

New Orleans & Northeastern RR: Valuation, V37

New Orleans Great Northern RR: Acquisition by G. M. & N. RR, V158 1929/481; Extension in Hinds County, V111 1926/739; Abandon part of Shore Line Br, Tammany Parish, V162 1930/135; Valuation, V133

New Orleans Natalbany & Natchez Ry: Acquires log RR of Natalbany Lbr. Co., V154 1929/619; Valuation, V108; Abandon, V230 1938/428

New Orleans Public Belt RR: Extension of line across Mississippi River by a new bridge, V166 1930/761 ; Reconstruction Finance Corp. loan, V189 1932/162; Valuation, V41

New Orleans Terminal Co: Valuation, V37

New Orleans Texas & Mexico RR: Valuation, V29; Acquires Asherton & Gulf Ry, V105 1025/79; Acquires Asphalt Belt Ry, V105 1925/35; Acquires San Antonio Southern Ry, V117 1926/311

New Park & Fawn Grove RR: Acquired by Stewartstown RR, V99 1925/450; Valuation, V106; Abandon V202 1934/1

New River Holston & Western RR: Valuation, V110

New York & Long Branch RR: Acquisition by C.N.J. and Pa. RR, V158 1929/365

New York & Pennsylvania Ry: Valuation, V43; Abandon, V212 1935/406

New York Central RR: (See also Michigan Central RR, Clevel,C,C&St.L RR, Boston & Albany RR): Construction of extension, Erie C'ty, NY, V82 1923/267; Unification of seven corporations, V150 1928/278 & V154 1929/489, 155; Branch construction in St. Lawrence County, NY, V154 1929/39; Relocate line in Manhattan , 60th St. to N.Moore St, V158 1929/309; Relocate line Syracuse to East Syracuse, V158 1929/687; Joint control of Sewell Valley RR, V158 1929/673; Acquires Owasco River Ry, V162 1930/200; Acquires Federal Valley RR, V162 1930/156; Acquire Ulster & Delaware RR, V175 1931/65; Reconstruction Finance Corp. loan,

V180 1931/798;& V184 1932/737 & V189 1932/59, 709 & V207 1935/137 & V212 1935/287 & V217 1936/391 & V236 1939/361; Valuation, V27; acquire control Chicago River & Indiana RR and purchase Chicago Junction RR, V71 1922/631; Acquisition, V202 1934/377; Construction, V202 1934/205; Unification, V228 1938/240; Discontinue trains East Chatham - Albany to operate one year and E. Chatham to Pittsfield discontinue #495-496 V307 1958-60/167; Discontinue pass. trains #404 & 405 V320 1963/364; Disc. Boston - Chicago train V320 1963/526; Disc. #57 & 96 V331 1967/627; Disc. #312 & 341 V331 1967/616; Merger NYC, NYNH&H & Pa. V331 1967/643, 754 & V334 1968/25-130; Disc. Boston - Worcester trains V333 1968/882; Disc. #404 & 405 V333 1968/375;
Abandonments: Beech Creek branch V105 1925/502; Sunday Creek RR line in Perry County, Oh, V162 1930/745; Hinckley Br, Oneida Co, NY, V166 1930/373 & V175 1931/181; Zanesville & Western Ry, V170 1930/743; Fulton Chain RR, V180 1931/424; Detroit, Toledo & Milwaukee RR, V184 1932/705; Findlay Belt Ry, V184 1932/194; part Cannalville Br. of Zanesville & Western RR, V184 1932/413; part of Findlay Br, Hancock County, Oh, V184 1932/194; Baldwin Place to Mahopac Falls, NY 2 miles, V193 1933/111; Franklin to Belmar, Pa, 4 miles, V193 1933/413; Westfield to Ulysses, Pa, 15 miles, V193 1933/496; Beach Ridge to Lockport, NY 6 miles, V202 1934/187; Ambria to Pekin, NY, 3.6 miles, V202 1934/511; Battle Creek to Sturgis, Mi, 40 miles, V207 1935/546; Tupper Lake to Helen, NY, 63 miles, V221 1937/133; Batavia to Attica, NY, 11 miles, V221 1937/727; Carnwart to end, Pa, 2.3 miles, V224 1937/93/ Mitchells to Curry Run, 15 miles and Wigton Br, Pa. 3 miles, V224 1937/91 Suspension Bridge to Lewiston, Ny, 5 miles, V224 1937/190; Susquehanna Bridge to Lewiston denied, V230 1938/320; Caledonia to Holcomb, NY, 33 miles, V230 1938/351; Atwo branches of Tol. & Oh. C. RR, V230 1938/459 & 481; Phoenicia to Katterstille 19 miles and a branch, V233 1933/700 & V239 1940/156; Lansing to Springport, Mich, 24 miles, V242 1940/493; Morenci, Mich to Fayette, Oh, 7 miles, V242 1940/719; branch of Beech Ck. RR, V240 1940/97; Peoria to Bellefontaine, Oh, 17 miles, V224 1937/55; Cazenovia to Earlville, NY V221 1937/493; Gorham Mine near Hooverhurst, Pa. to Wiggins 3 mi V.252 1942/31; Mount Gilead Short Line Ry Abandoned V154 1929/141 & V.252 1942/33; Van Cortlandt Park Jct to Yonkers, 3.1 miles V254 1942-44 & refused V254 1942-44/799; Limerich to Cape Vincent, NY 16 mi V282 1951-53/283; Ferry Weehauken to W.42nd St. and Cortlandt St V295 1955-58/385 & 519; Gabriels to Malone, 42 miles V312 1960-62/271; in Syracuse V312 1960-62/587

New York Chicago & St. Louis RR: Valuation, V38; Merger of NYC&SL, C&O, Erie, Pere Marq, Hock.Val., denied, V105 1925/425-453; New line construction denied, V105 1925/425; Acquires part of Elwood, Anderson & Lapelle RR, V154 1929/201; Reconstruction Finance Corp. loan, V180 1931/525 & V187 1931/59, 73, 355, 391, 475 & V189 1932/215, 495 & V202 1934/790 & V207 1935/495; Relocated line in Lucas County, Oh, V170 1930/415; Unification V207 1935/519 & V221 1937/573; Control with Erie RR, V224 1937/259; Discontinue trains #7 & 8 V317 1962-63/775; NKP, N&W, P&WV & Wab. merger V334 1965-66/1-151 & V330 1967/780-881; & V331 1967/22 & V347 1967-74/506 V363 1980-81/270; Abandon New Castle to Rushville, Ind. V363 1980-81/115;;

New York Connecting RR: Valuation, V26; Operation, V233 1938/703

New York Docks Ry: Acquires part of Brooklyn Eastern District Term. RR V354 1977-78/399;

New York Lake Erie & Western Coal & RR: Abandon part of branch, Elk County, Pa. V111 1926/100; Abandon Keystone Br. in Elk and Jefferson Counties, Pa. V187 1931/695

New York New Haven & Hartford RR: (See also Old Colony RR ,Hartford & Conn. Western RR, Boston & Providence RR): Acquisition of Central New England Ry in N.Y.State, V124 1927/165; Reconstruction Finance Corp. loan, V187 1931/583 & V202 1934/33, 250, 476 & V207 1935/651. 768 & V221 1937/515; Acquires private RR of Stanley Works at Bridgeport, Ct., V175 1931/281; Valuation, V30; Reorganization, V212 1935/75 & V217 1936/60, 177, 191, 203, 503 & V221 1937/37 & V224 1937/307, 423, 719, 723 & V228 1938/495 & V230 1938/307, 511 & V233 1938/312 & V236 1939/373, 722, 797; V239 1940 &337, 462, 788 & V240 1940/528 & V244 1940/29, 239, 521, 715 & V247 1941/31, 101, 247, 677 & V.249 1941/593 & V.252 1942/69, 691; & V254 1942-44/63, 405 & V261 1945-46/195 & V290 1953-55/41 & V312 1960-62/697; Discontinue pass. trains New London to Worcester, Mass V320 1963/466; Disc. New London to Providence V320 1963/714; Merger NYC, NYNH&H & Pa. V331 1967/643, 754 & V334 1968/25-130; Changes in pass. service V338 1970-71/23; Reorganization V342 1968-73/632;
Abandonments: Chatham RR, V221 1937/397; part Hartford & Ct. West,. RR V221 1937/570; Winsted to East Canaan, 15 miles, V224 1937/323; Collinsville to Winsted, 11 miles, V224 1937/435; Griffin to Tarriffville, 2.7 miles to Agawm Jct. 14 miles, V224 1937/654; branch, V228 1928/193; Canaan to E. Canaan, 2.3 miles, V242 1940/149; ferry Fairhaven to New Bedford, V150 1928/413; Dutchess & Columbia Co's, NY and Hartford & Litchfield Co's, Ct, V187 1931/361; branch line Franklin Co, Mass, V82 1923/45; part of branch in Kent County, RI, V86 1923/473; part of branch in New Haven Co, Ct, V86 1923/472; branch line in Suffolk and Norfolk Co's Mass, V90 1924/3; part of line between Saybrook Jct. and Saybrook Point, Ct, V72 1922/250; Woonsocket Jct. Bellingham Jct, Mass, 5 miles, V199 1933/697; Pine Plains to Shekomeko, NY, 5 miles, V207 1935/755; Dedham to Westwood, Mass, 1.4 miles, V189 1932/85; Fair Haven to East Fair Haven, NY, 1.6 miles, V221 1937/725; Pascoag, R.I., to Douglas Jct, Ma, 7 miles, V221 1937/591; near Allerta Fern to Southburg, Ct, 12 miles, V221 1937/698; E. Thompson to Webster, 6 miles, Ct&Ma, V221 1937/711; 9 branches, V224 1937/50, 127, 187, 227, 235, 241, 243, 477, 503; Lakeville to Rhinecliff, NY, 43 miles, Silvernade to P&E Jct, 3.4 miles, and to Poughkeepsie Jct, 2.4 miles, Hopewell Jct, 26 miles, V228 1938/4; West Haven to Derby, Ct, 8 miles, V228 1938/117; Abandonment denied, V228 1938/415; Hobar to Brookfield Jct, 2.2 miles, Ct, V240 1940/129; Berlin to E. Berlin, Ct, 3.6 miles, V242 1940/163; Adamsdale Jct. to Franklin Jct, Mass, 11 miles, V242 1940/296; Derby to Derby Jct. Ct 3.4 miles V247 1941/41; W. Medway to Bellingham Jct., Mass. 4.1 miles V247 1941/93; 0.2 mi at N. Attleborough V307 1958-60/705; Pomfret to Putnam, Ct V312 1960-62/465; Putnam to Pomfret V317 1962-63/204;

New York Ontario & Western RR: Valuation, V25; Reorganization, V221 1937/577 & V224 1937/129 & V240 1940/156 & V295 1955-58/346;

New York Philadelphia & Norfolk RR: Extension in Princess Anne and Norfolk Co's, Va, V94 1924/478; Valuation, V97; Abandon Cape Charles ferry to Norfolk V290 1953-55/249

New York State Rys: Operation in the Rochester City Subway, V145 1928/269

New York Susquehanna & Western RR: See also Wilkes Barre & Eastern RR; Abandon Macopin RR, Passaic County, V111 1926/262; Abandon Delaware Jct., to Delaware, NJ, V138 1928/82, 614; Valuation, V33; Reorganization, V230 1938/437 & V236 1939/425; Abandon Hainesburg Jct., NJ, to Stroudsburg, Pa, 12 miles, V242 1940/758; Reorganization V247 1941/422, 427; Abandon part of Susquehanna Connecting RR V247 1941/317; Reorganization V.249 1941/621 & V257 1944/593 & V261 1945-46/101; Abandon use of N.Y.C. tracks at Edgewater, NJ V271 1948-49/339; Abandon at Edgewater, NJ over N.J. Jct. RR and reorganize V275 1949-51/10, 182; Discontinue into Jersey City V312 1960-62/157l; Reorganization V363 1980--81/794;

Newaukum Valley RR: Valuation, V43

Newburgh & South Shore Ry: Valuation, V125

Newport & Shermans Valley RR: Acquired by Susquehanna River & Western RR, V70 1921/825

Nez Perce & Idaho RR: Valuation, V43; Abandon V257 1944/81;

Niagara Gorge Ry: Acquired by Niagara Jct. Ry, V187 1931/97

Niagara Junction Ry: Acquires Niagara Gorge RR, V187 1931/97; Purchase by NYC, LV, Erie V267 1946-48/649;

Nicholas Fayette & Greenbrier RR: Acquires Greenbrier & Eastern RR, V180 1931/80; Control by NYC & C&O and new track in Nicholas and Fayette Counties, WV, V145 1945 1928/643

Norfolk & Portsmouth Belt Line RR: Valuation, V133; Abandon car float V363 1980-81/518;

Norfolk & Western Ry: Valuation, V26; Acquire Tug River & Ky RR, V65 1920/757; Denied to acquire Virginian Ry, V127 1926/67; Acquire Buck Creek RR and Kermit-Warfield Bridge Co in Mingo County, WV, V99 1925/43; Acquires tracks owned by City of Norfolk, V154 1929/371; Acquisition of Big Sandy & Cumberland RR, V158 1929/259; Construction cut-off Pike Co, Ky and Mingo Co, WV, V175 1931/286; Operation, V189 1932/7-4; Merger with Virginian Ry V307 1958-60/401; NKP, N&W, P&WV & Wab. merger V334 1965-66/1-151 & V330 1967/780-881 & V331 1967/22; Discontinue pass. trains #5 & 6 V330 1967/195; Disc. #110 & 111, 301 & 304 V331 1967/415; Disc. #302 & 303 V333 1968/284; Disc. #121 & 124 V334 1968/1; Disc. #301 & 304 V334 1968/506; Disc. #15-25 & #16-26 V336 1969/369; Disc. #121 & 2124 V336 1969/310; N&W, NKP, Wab, P&WV merger V347 1967-74/506 & V363 1980-81/270;
Abandonments: branch in Washington County, V166 1930/383; part of Potts Valley Br, Giles and Craig Co's, Va and Monroe Co, WVa, V187 1931/66, 565; West Jefferson to Elkland, NC, 19 miles, V189 1932/611; Wayne to Lenore, WV, 54 miles, V193 1933/363; Reed Jct. (Allisonia) to Betty Baker Mine, Va, 12 miles, V202 1934/626; Ivanhoe to Speedwell 16 miles and Norme Br, Va., V224 1937/101; Lewis Creek Br, Va, 9 miles, V228 1938/773; Lewis Creek Jct to end, 9 miles, WV V242 1940/243; Allisonia to Betty Baker Mine, Va 12 mi V252 1942/26; Connersville - New Castle, Ind. V363 1980-81/115; Abandon New Castle to Rushville, Ind. V363 1980-81/115;

Norfolk Franklin & Danville Ry: Abandon South Hill, Va. to Blanche, NC V366 1981-83/171;

Norfolk Southern RR: Valuation, V84; abandon Carthage & Pinehurst branch, V70 1921/774; Denied abandonment, V217 1936/705; Abandon Goldsboro to Morehead, 96 miles owned by Atlantic & North Carolina RR, (not abandoned) V221 1937/258; Abandon Mackeys to Bishop Cross, NC, 23 miles, V221 1937/617; Abandon operation V221 1937/258; Abandon Jackson spring Br., NC, 4 miles, V228 1938/519; Abandon at Norfolk Terminal, V239 1940/335; Abandon Suffolk, Va, to Edenton, NC, 47 miles and Beckfield Jct. to Elizabeth City, NC, 20 miles, V240 1940/665; Reconstruction Finance Corp. loan, V240 1940/364; Receivership, V240 1940/4, 99; Construct Brickhaven Sta, NC north 2 miles to Carolina Pr. & Lt. Co. in Chatham Co. V247 1941/794; Receivership V.249 1941/571; Abandon Plainview to Elberle, NC 18 mi V282 1951-53/376, 622l; Abandon Plainview to Elberbe 18 mi. 6 miles previous authorized and reauthorized V290 1953-55/268

Norfolk Terminal RR: Valuation, V97

North & South Ry: Acquisition of line and new construction, Mont and Wyo, V105 1925/51; Acquisition of part of Montana Ry and line construction in Montana & Wyo, V86 1923/663; Valuation, V43; Abandon V207 1935/65;

North Charleston Terminal Co: Valuation, V121

North Louisiana & Gulf RR: Reorganization, V145 1928/223; Valuation, V116

North Plains & Santa Fe Ry: Construct branch in Tex. for AT&SF, V170 1930/223

Northampton & Bath RR: Valuation, V149; Abandon all V354 1977-78/784;

Northeast Oklahoma RR: Acquires Joplin Pittsburgh RR, V166 1930/651, Control V189 1932/198; Abandon, V193 1933/579; Acquisition, V230 1938/774

Northern Alabama Ry: Abandon Riverton Br. in Colbert County, V180 1931/4; Valuation, V130
Northern California RR: Acquire line of Red River Lbr. Co., V154 1929/388
Northern Colorado & Eastern RR: Acquisition of Colo, Wyo. & Eastern Ry in Colo. and Wyo., V86 1923/617
Northern Maryland & Tidewater RR: Operation by Castleman Valley RR, V82 1923/301
Northern Ohio RR: Reorganization, V228 1938/645 & V236 1939/214 & V242 1940/667 & V254 1942-44/694;
Northern Oklahoma Rys: Construction in Craig County, V111 1926/765
Northern Pacific Ry: Valuation, V25; Branch line construction in Rosebud Co, Mont. V79 1923/687; Extension Elma Branch, Mason Co, Wash, V94 1924/121; Construct new line Clearwater Co, Ida, V105 1925/774; Construct new line in Clearwater County, Id, V117 1926/553; Pooling of ore and coal tonnage, V154 1929/279 & V184 1931/800; Branch line construction, Aloha north 60 miles to Hohe River in Grays Harbor and Jefferson Co's, Wash. V158 1929/495 & V166 1930/609; Merge into Great Northern Pacific Ry, V162 1930/37 Construct branch Butte to an industry, V170 1930/425; Construction in Dawson County, Mont, V175 1931/203 & V180 1931/437; Operation. V189 1932/761; Reconstruction Financing Corp. loan, V236 1939/545; Construction Odair to proposed Grand Coulee Dam site, 28 miles, Wash., V199 1933/216; Operation of U.S. Govt. line Shelton thru Bremerton Jct & NAD Jct to Bangor Magazine & Bremerton Jct to Bremerton, 48 miles, Wash. V261 1945-46/631; Discontinue #159 & 160, #173 & 174, #781- &782, and #171 & 172 in N.D. refused V312 1960-62/150; Discontinue #141 & 142 Valley City to McHenry, ND V312 1960-62/311; Discontinue #147 & 148 Jamestown to Wilton, ND V312 1960-62/309; Construct 6 miles South of Mandan to Flasher, ND V324 1965-66/see vol's index; Discontinue pass. trains #311 & 314 V330 1967/check vol's index.; Construct Mesamattowa, Wash. V331 1967/71; Disc. #3 & 4 V331 1967/77; Disc. #2 Fargo to Seattle V333 1968/15 & V336 1969/7;; Abandonments: Abandon Barndt to Bayn, N.D., 2 miles, V65 1920/750; a line in Bayfield Co, Wis, V71 1922/169; Marysville Br in Lewis & Clark Co, Mont., V86 1923/637; Red Mountain Br and Lewis & Clark Co, Mont, V86 1923/609; Marysville Br and Red Mtn. Br, Lewis & Clark Co, Mont, V99 1925/631 & 618; Abandon Iron River to Coda, Wis, V117 1926/575; part Ocosta Br, Wash., V117 1926/421; Boulder Elkhorn Br, Mont, V124 1927/657 & V175 1931/381; part Bitter Root Br, Ravalli County and new construction, Mont, V124 1927/728; part of Pine Hurst to Trout Creek, Mont, V138 1928/213, 338; Canada Jct. to Black Carbon, Wash (Buckley Br), Wash, V199 1933/100; Construction, V199 1933/216; Bunn to Sunset, Id, 2.3 miles, V202 1934/143; Vader Jct to Longview on west side Cowlitz River, Wash, 19 miles, V207 1935/438; V207 1935/101; Centerville to Walkerville, Mont, 4 miles, V212 1935/199; 7 miles at Pendleton, Ore, V212 1935/785; 7 mile at Kerriston, Wash, V217 1936/623; l mile in Crow Wing Co, Mn, V217 1936/633; Crocker to Wingate, Wash, V221 1937/763; Sunnyside Jct to Granger, Wash, 3 miles, V224 1937/431; 1 miles at Lakedale, Wash, V230 1938/451; Wallace to Burke, Id 5 miles, V230 1938/711; Wabash to Mendota, Wash. 9 miles V244 1940/149; Kerriston Jct. to Kerriston, Wash. 8.7 miles V247 1941/135'; Flasher 66 miles to near Mandan V317 1962/225; Sappington to Norris V348 1975-77/327;
Northern Pacific Terminal Co. of Oregon, Valuation, V44
Northside Belt Ry: Operate a line in Harris Co, Tx, V138 1928/681
Northwestern Coal Ry: Valuation, V106
Northwestern Pacific RR: Abandon Tyrone Segment in Marin and Sonoma Co's, V150 1928/417; Purchase by SP of AT&SF stock; Abandonment of part of branch in Sonoma Co, Cal, V94 1924/825; Acquire Petaluma & Santa Rosa RR, V180 1931/321; Abandonment, V189 1932/86; Valuation, V45; Abandon two lines, V193 1933/85, 416; Abandon, V207 1935/704 & V212 1935/137; Ferry abandonment V236 1939/181; Abandon Glen Ellen to Los Guilicos, Cal. 6.3 miles V247 1941/409; Abandon Sausalito Br. V312 1960-62/783; Abandon San Rafael to Forbes Overhead V320 1963/19;
Northwestern Railroad Co. of South Carolina: Valuation, V141; Abandon V207 1935/701
Northwestern Terminal RR (Denver): Reorganization, V117 1926/397
Norton & Northern Ry: Abandon, V202 1934/111
Norwood & St. Lawrence RR: Valuation, V97
Nuesces Valley, Rio Grande & Gulf RR: Proposed new line in Bee, Live Oak McMullen, La Salle and Webb Counties, Tex, V90 1924/616
Oakdale & Gulf Ry: Abandon Oakland to Pine Prairie, V131 1927/484; Abandon in Allen Parish, La., V94 1924, 171; & V82 1923/450; Valuation, V110
Oakgrove & Georgetown RR: Abandon in Mobile Co, Ala and Greene Co, Miss, V94 1924/143
Ocala & Southwestern RR: Abandon in Marion Co, Fl, V72 1922/509
Ocean Shore RR: Abandon, V67 1921/760;
Octoraro Ry: Operations V363 1980-81/991;
Ogden Mine RR: Abandon V244 1940/555;
Ogden Union Ry & Depot Co: Valuation, V44
Ohio & Kentucky Ry: Valuation, V106; Abandon, V193 1933/262; Reconstruction Finance Corp. loan, V189 1932/321
Ohio Public Service Co, Abandon, V240 1940/13
Ohio River & Western Ry: Abandon part in Monroe to Muskingum Counties, Oh, V131 1927/258; Abandon part in Belmont & Monroe Counties, Oh, V170 1930/389; Valuation V121
Oil Fields Short Lines RR: Excess income, V175 1031/672; Abandonment of line in Kay Co, Ok, V86 1923/701
Oklahoma Ry: Acquires Oklahoma Belt RR and Oklahoma City Jct. Ry, V150 1928/721; Abandon V257 1944/177;
Oklahoma & Arkansas Ry: Abandonment, V117 1926/351
Oklahoma & Rich Mountain RR: Construct line in Le Flore Co, Ok, V105 1925/559; Reconstruction Finance Corp. loan, V184 1932/493 & V187 1931/211; Valuation, V43; Abandonment V247 1941/671
Oklahoma Belt RR: Acquired by Oklahoma RR, V150 1928/721
Oklahoma Central RR: (AT&SF): Abandon part V193 1933/793l ; Abandon V.252 1942/145
Oklahoma City Ada Atoka Ry: Acquisition of MKT RR line Coalgate to Atoka, Ok, V90 1924/368; Acquisition of Oklahoma City Shawnee Interurban Ry, V90 1924/374; Acquires Oklahoma City-Shawnee Interurban Ry, V158 1929/775 & V166 1930/551; Acquisition line in Pottawatomie, Seminole, Pontotoc & Coal Co's, Ok, V86 1923/240
Oklahoma City Junction Ry: Acquired by Oklahoma RR, V150 1928/721; Valuation, V149
Oklahoma City Shawnee Interurban Ry: Acquisition of line from Oklahoma City to Shawnee, V86 1923/273, Acq. by Oklahoma City Ada Atoka Ry, V158 1929/775 & V166 1930/551
Oklahoma Kansas & Missouri Ry: Valuation, V108
Oklahoma New Mexico & Pacific Ry: Valuation, V133
Oklahoma Northern RR: Construct line from Craig County, Ok to Montgomery Co, Ks, V72 1922/625
Oklahoma Southwestern Ry: Abandon, V158 1929/488
Okmulgee Northern Ry: Valuation, V29; Abandon all V320 1963/637;
Okolona Houston & Calhoun City RR: Abandon, V233 1938/594
Old Colony RR (NYNH&HRR): Abandonment of branch in Suffolk & Norfolk Counties Mass, V90 1924/3; Abandon numerous branches, V221 1937/395, 411, 421, 453, 663, 670, 693; Abandon Hanover to W. Hanover 8 miles, Randolph to Stonyton and Matfield to Eastondale, V224 1937/681; Abandonment denied, V224 1937/644; Abandon N. Carver to Middleboro, Ma, V230 1938/393; Abandon Greenbush to Kingston, 14 miles, V230 1938/585; Reorganization see NYNH&H, V239. Abandon branch, V240 1940/377;
Oneida & Western RR: Extension in Fentress County, V166 1930/277; Valuation, V106
Ontonagon RR: Valuation, V121; Abandon, V170 1930/731; Part acquired by Milwaukee, V184 1932/103
Orange & Northwestern RR: Valuation 29, V29
Orangeburg Ry: Abandonment, V67 1921/ 789
Oregon & California RR: Acquisition by S.P., V124 1927/614
Oregon & Northwestern RR: Takes over log RR of Edward Hines Western Pine Co., V154 1929/326l &V199 1933/335
Oregon California & Eastern Ry: Branch construction in Lake and Klamath Counties, V111 1926/3 & V117 1926/737 & V124 1927/475, 529; Purchase by S.P., V124 1927/475, 529 & V138 1928/99; Partial control by GN Ry, V138 1928/99; Valuation, V45
Oregon Electric Ry: Abandon Woodburn Branch, Marion Co, V145 1928/449; Construct Foster Whitcomb Br, Holly Branch, and McDowell Creek Br all in Linn County, V162 1930/386; Extension in Lane County, Ore., V170 1930/313; Abandon part in Multonomah Co, Ore., V175 1931/4; Acquire Valley & Siletz RR, V180 1931/28; Extend in Marion & Polk Counties, V180 1931/28; Proposed construction, V189 1932/262; Abandon part, V193 1933/411; Proposed construction, V193 1933/619 & V202 1934/89; Abandon Portland to Greenburg and Garden Home to Beaverton, Ore. 13 miles. V244 1940/559; & V247 1941/334;
Oregon Pacific & Eastern RR: Acquire part of Anderson & Middleton Lbr. Co., V150 1928/147; Valuation, V106; Construction, V212 1935/360; Reorganization, V233 1938/187 & V239 1940/773 & V244 1940/431
Oregon Short Line RR (UP): Valuation, V44; Extension of line in Ada Co, Id, V79 1923/707; extension in Bonneville & Bingham Co's Id, V79 1923/744; Construction of line in Canyon Co, Id, V82 1923/133 and from Twin Falls Co, Id to Elko Co, Nev., V82 1923/40; Construct an extension in Owyhee Co, Idaho, V71 1922/571; New construction in Twin Falls Co, Or, and Elko Co, Nev., V99 1926/131; Abandon part of Br. in Lincoln & Uinta Counties, Wyo, V166 1930/627; Abandon Conroy Br, Lincoln County, Wyo., V175 1931/299; Abandon Homestead Branch, Baker County, Or, V175 1931 492; Abandon Cache Valley Br, V187 1931/329; Abandon branch, V193 1933/697; Denied abandonment, V212 1935/201; Abandon 1.4 mile in Silver Bow Co. that served a copper mine. V247 1941/411; Abandon Baker to Urban, Ut 5 mi V267 1946-48/633; Abandon College Jct. to College, 3 miles, Ut V267 1946-48/638' ; Construct 2 mi in Salt Lake along W. 3rd St V282 1951-53/741; Contract with Utah Box Elder County V334 1968/267; Abandon Firth - Ammon, Id V354 1977-78/76, 854;
Oregon Trunk Ry: Extension Bend to Klamath Falls, V111 1926/3 & V117 1926/737 & V124 1927/475, 529 & V138 1928/99; Valuation, V41; Abandon part of line in Wasco and Jefferson Co's, Ore, V72 1922/679
Oregon Washington RR & Nav. Co.(UP): Valuation, V44; Branch construction in Umatilla Co, Otre, V86 1923/521; Extension of branch in Harney Co, Ore, V86 1923/264; With N.P.Ry construct line in Clearwater Co, Id, V105 1925/774; With N.P. constructing branch Grays Harbor and Jefferson Counties from Aloha north 60 miles, Wash.; V158 1929/495 & V166 1930/609; Abandon Ilwaco Br, Pacific County, Wash, V166 1930/214; Abandon Homestead Br, Baker County, O, V175 1931/492, 589; Abandon Amwaco Br, Spokane County, and Kootnei County, Id, V187 1931/663; Abandon Beaver Br, Shoshone County, Id, V187 1931/603; Abandon Pine Creek to Heim, Id, 2.4 miles, V199 1933/751; Abandon Enaville to Prichard, Id, 21 miles, V207 1935/31; Abandon Waltburg to Dayton, Wash, 8 miles, V230 1938/711; Abandon Primo branch to Vesta, Wash. Grays Harbor County, 15 miles V244 1940/495; Stewart Mine to Sierra Nevada Mine, Id. 0.8 mi V249 1949/631 Construct Hinkle, Or to Mile post 198 of Portland Spokane line, 17 miles Y abandon former main line M.P. 165-183. V275 1949-51/591;
Oregon Washington RR: Abandon of Des Chutes RR, V212 1935/297

Osage Ry: Valuation, V43; Construct a RR in Osage Co., Okla, V71 1922/160
Ouachita & Northwestern RR: Valuation, V106; Abandon, V242 1940/87
Outer Harbor Terminal Ry: Acquisition of Outer Harbor Dock & Wharf Co., V131 1927/793
Owasco River RR: Acquired by N.Y.C., V162 1930/200; Valuation, V125
Owensboro Rockport & Chicago Ry: New line construction Owensboro, Ky, to Elnora, Ind, V111 1926/605
Ozark & Philpott Valley RR: Line construction for coal mine in Franklin County, Ark, V166 1930/441; Reconstruction Finance Corp. loan, V193 1933/583
Pacific & Idaho Northern Ry: Valuation, V130
Pacific Coast RR (Wash): Reorganization, V187 1931/563; Valuation, V121; Abandon branch, V202 1934/589
Pacific Coast Ry (Cal): Abandon connecting track at Guadalupe, V150 1928/595; Valuation, V114; Abandon, V212 1935/165; Abandon V224 1937/27 & V239 1940/205; Abandon V247 1941/315
Pacific Electric Ry: Unified operation, V150 1928/649; Abandon part Santa Monica Air Line Br, V187 1931/410; Abandon Daisey Ave, Long Beach, 2.8 miles, V242 1940/573; Abandon branch, V242 1940/9; Purchase from Los Angeles & Salt Lake RR Crestmore Br 14.8 miles in San Bernardino Co, Cal. V244 1940/675; Abandon Pomona Jct. to North Pomona, Cal. 1.5 miles V247 1941/63; Abandon California-Raymond Ave, Los Angeles 1.1 mi & Bellevue Dr. to Evanston Place, 1.1 mi & Cabrillo Ave to Borden Ave. 8 miles Torrance, Cal. ; 1.5 miles in Pomona near Gary Ave. & San Bernardino to Colton, 4.0 miles V249 1941/525; Part of Alham Line from Alhambra to Temple City, 5.1 miles & 1.1 miles in San Gabriel V249 1941/527; Construct Reliance Rock to Monrovia-Glendore line in Azusa 2.8 miles and abandon 2 miles in Los Angeles, Oneonta Park (S. Pasadena) to Fair Oaks Ave (Oak Knoll line) 5.4 miles; Monrovia Ave Oak Knoll & El Molina to Monrovia, 8 miles; Sierra Madre line from Monrovia Line to Huntington Dr to Sierra Madre, 5.7 mi; Alhambra line from Pasadena Line in Sierra Vista to Southern Pacific RR in Alhambra, 1.7 miles; Venice Short Line Canfield Ave, L.A. to Venice & South Monica 8 mi; Part of Hollywood & W. 16th St. line Park Ave & Sunset Blvd to Vinton Ave. 5.5 mi; Echo Park line from Hollywood line at Sunset Blvd to Cerro Gordoo St in L.A. 1.2 mi; Part of Venice short line Vineyard to Culver St 3.6 mi & W. 16th St.Venice Blvd to Beverly Hills, 4.9 mi. V275 1949-51/649; Merge into S. P. V354 1977-78/100;
Pacific Southwestern RR: New line construction in Santa Barbara Co, Cal, V76 1922/488; purchased by S.P.RR, V82 1923/245
Paducah & Illinois RR: Valuation, V133
Pajaro Valley Consolidated RR: Abandon, V124 1928/511
Pan Handle & Santa Fe (Most items indexed to AT&SF instead of PH&SF)x ; New line construction in Carson & Hutchinson Co's, Tex V124 1927/711; Construction Hutchinson, Hanford, Potter to Dallam Counties, Tx, V162 1930/477 & V170 1930/226 ; Extension Spearman Br in Hansford & Hutchinson Counties, Tx, V166 1930/681 & V170 1930/334; Acquire 6 subsidiaries, V175 1931/521; Valuation, V127
Paris & Mount Pleasant RR: Valuation, V84
Patapsco & Back Rivers RR: Valuation, V43
Patterson & Western RR: Abandonment, V67 1921/745
Pearl River Valley Lbr. Co: Acquisition of rail line by Canton & Carthage RR, V150 1928/501
Pearl River Valley RR: Abandon Anderson Jct to Anderson, V117 1926/425; Trackage rights, V111 1926/580; Valuation, V121; Relocate part of main line, V67 1921/748; Abandon, V207 1935/477; Operation V207 1935/1; Abandon V228 1938/161
Pecos & Northern Texas Ry: Construct line Hale to Castro Counties, Tex, V117 1926/233 & V150 1928/457; Construction connecting tracks at Sweetwater & San Angelo, V154 1929/547
Pecos Valley Southern Ry: Valuation, V106; Acquisition by Tex & Pac Ry, V124 1927/749
Pelham & Havana RR: Abandonment in Grady Co, Ga and Gadsden Co, Fla, V90 1924/51
Pencoyd & Philadelphia RR: Excess income, V175 1031/424; Valuation, V119
Peninsula Terminal Co: Operation in Multnomah County, Ore, V166 1930/597
Peninsular Ry: Abandon, V189 1932/395
Penn Central RR: Discontinue pass. trains #357 V333 1968/768; Disc. #3 & 30 V333 1968/736; Disc. #50 & 53 V333 1968/638; Disc. #70 & 71 V333 1968/70 & 71 V333 1968/674; Disc. #574 & 575 V334 1968/312 & V336 1969/416; Disc. #404 & 405 V334 1968/618; Disc. #3 & 30 V334 1968/638; Disc. #24 & 33 V336 1969/518; Disc. #50 & 53 V336 1969/182; Disc. #65 & 66 V336 1969/759; Disc #4 & 31, 13 & 32, 14, 17, 355, 356, 351, 352, 16 & 25, 22, 23, 48, 49, 54 & 55, 31-77 & 78-4, 63, 64, 27, 28, 51 & 98, 90 & 93, 315 & 316, 427 & 428l 548 & 549 V338 1970-71/380-512; Disc. Boston - Providence trains V338 1970-71/318; Abandon Canandaiqua Br., NY V342 1968-73/739; Wilmington Jct. - New Wilmington, Del. V342 1968-73/370; Disc. #508 & 521 V342 1968-73/459; Abandon South Kortright to Bloomobile, NY V347 1967-74/223; Reorganization V347 1967-74/45 - 181;
Pennsylvania & Atlantic RR: Valuation, V23; Abandon a branch in Burlington Co, V99 1925/625; Abandon br. in Ocean County, NJ, V105 1925/762; Abandon Island Heights Br, Ocean County, NJ, V175 1931/127; Abandon Pine Brook Toms River to Island Heights, NJ 1.2 miles, V199 1933/61
Pennsylvania Company: Valuation, V23; See also Camden & Burlington County Ry, Pennsylvania & Atlantic RR, Pittsburgh, Cincinnati, Chicago & St. Louis RR, Grand Rapids & Indiana RR
Pennsylvania RR: Valuation, V22; New line construction in Stark and Columbiana Co's, Oh, V90 1924/657; Extension in Princess Anne & Norfolk Co's Va, V94 1924/478; Acquires St. Louis Connecting RR, V111 1926/147; Acquire Western Allegheny RR, V105 1925/499; Acquire Ohio River & Western Ry, V145 1928/399; Sell Fairbrook Branch to Bellefonte Central RR, V145 1928/253; Acquire N.Y. & Long Branch RR, V158 1929/365; Reconstruction Finance Corp. loan, V180 1931/379, 541 & V187 1931/429; Pa - GTW car ferry operation, Muskegon & Grand Haven Milwaukee, V217 1936/531; Acquire 1.5 miles of Massaponax Sand & Gravel Co. RR, Md, V217 1936/612; Construct 1.7 miles in Chester, W.V to Pa. state line and 10.5 miles continuation in Pa. to Raccoon Creek, Pa., Beaver County V254 1942/1; Discontinue pass. trains Camden and Trenton V312 1960-62/167; Discontinue trains #37 & 39 V317 1962-63/737; Disc. Red Bank - Trenton, NJ V317 1962-63/5; Disc. #30 & 31 V330 1967/458; Merger NYC, NYNH&H & Pa. V331 1967/643, 754 & V334 1968/25-130;
Abandonments: Burlington Br. in Burlington Co, NJ, V99 1925/467 and part of Greene County Coal Br, Sullivan Co, Ind, V99 1925/271; Apple Creek Br, Wayne Co, Oh, V117 1926/139; Jennins and Michelson Branches, Mich, V117 1926/595; Lakeville Branch, Crawford Co, Pa., V117 1926/99; Kinzua Br, Morris to Gates, Pa, V124 1927/229; Vincentown Br, Burlington County, NJ, V124 1927/324 & V131 1927/218; Fairbrook Branch part of in Huntingdon & Center Co's, Pa, V131 1927/547; part of Wolf Creek Br in Mercer, Butler & Lawrence Co's, Pa., V131 1927/783; Waloon Lake Branch, Charlevoix Co, Mich, V138 1928/345; Strasburg to Harwalk, Oh., V145 1928/319; Montgomery Br, Hamilton Co, Oh, V162 1930/755; part of Missaukee Br, Mich, V166 1930/495; Island Heights Br, Ocean Co, NJ, V175 1931/127; part of Medford Br., Camden and Burlington Co's, NJ, V175 1931/105; Cornwall Ore Banks Br, Lebanon Co, Pa, V184 1932/91; part of Wegee Br., Belmont Co, Oh, V184 1932/128; Wolf Creek Br, V184 1932/613; Pa., Ohio & Detroit subsidiary abandonment, V189 1932/93 & V193 1933/319; Converse to Malterne, Ind, 26 miles, V189 1932/669; Dunbar to Mahoning Works, 1.1 miles, Fayette Co, Pa., V193 1933/415; 25 miles parts of Osceola Br, Gass River Br, Graham Br, Moshannon Br, Smokey Br, Oppossum Br, Curry Mill Br, Scottdale Br, Kmeville Br, all Pa., and Big Sandy Br from Sugar Camp Br, 2.4 miles, Ramey to terminus, 2.1 miles, Tangascootac Br, 6 miles, Anita Br to Schaller Mines, Scottdale to Morewood Works, 3 miles, Scottdale to Alverton Coke Wk, 1.4 miles.; part of Pa.,Ohio&Det.RR, V212 1935/799; Coal Lake Br at Ashe Jct, Fayette County, Pa, V212 1935/215; 20 miles of coal mine branches in Pa. - Burnside, Br, Patton Br, Beulah Br, Eureka Br, part of Plum Creek Br and Bellwood Br and Hilburn Br and E. Brady Br and Mapleton Br, Amesville Br, Sugar Camp Br., V212 1935/657; Trinion to Tunnel Hill, Oh, 11 miles, V217 1936/21; Rainey Br, Fayette Co, Pa. 1.4 miles, V217 1936/77; Trauger to jct., 1.5 miles, V217 1936/625; Landenberg, Pa. to Thompson, Del., 3.4 miles, V217 1936/291; Academy Jct. to Bowie Race Track, Md, V217 1936/612; 8 mile in Unity, Pa. V221 1937/403; .8 mile at Saltsburg, Pa, V221 1937/533; Clover Creek Br, Blair Co, Pa 2.2 miles, Moshannon Br. part 1 miles, Schenley Br .6 mile Armstrong Co, Pa. V228 1938/583; Newark Center to Thompson, Del, 3.1 miles, V228 1938/775; 7.2 miles total Leskie Br, Derby Br, Curry Mill Br. near Windber, Pa., Liveright Br, Clearfield Co Mayes Br. near Berwindale, Glen Campbell Br., All coal spurs, V230 1938/765; Stevens Branch 1 mile in Cambria Co, Pa, V233 1938/289; Abandonment denied on Pa.,Oh.&Det.RR, V236 1939/490; Catawissa to Scitch Valley, Pa, 11 miles, Mahaffey Br, 1.7 miles, Moshannon Br. 1 mile, Youghiogheny Br Cowansburg - Cereal, 5 miles, all in Pa., V236 1939/697; Stoneboro Br, Pa., V230 1938/386; Curry to Henriette, Pa 3 miles and near Bellwood to Brandburg Pa 9 miles & Tearing Run Br at Groveton, Pa. to end 1 mile and South of Kennerdell to tunnel, 2.7 miles V244 1940/224; Grampian to end of line 1.6 miles Pennville Br. V244 1940/549; Penfield Br, Penfield, Pa. 1 mile V247 1941/51; Essler Br. from Lyons Run mine to end, Westmoreland Co, Pa. 2.7 miles V247 1941/333; Devault to Swedesford Road Md. 2.9 miles Charles county V249 1941/567; Part of Jersey City branch V312 1960-62/529;
Pennsylvania Reading Seashore Lines: Unification of South Jersey rail lines, V193 1933/183; Abandon 1/2 mile Bridgeton Br. to Cape May Br, V199 1933/175; Acquisition of Wildwood Br., V202 1934/558; Abandon Alloway Jct to Quinton, NY 4.2 miles V249 1941/349; Discontinue pass. Trains Phila. to South Jersey V317 1962-63/111;
Pennsylvania Tunnel & Terminal RR: Valuation, V23
Peoria & Eastern Ry: Acquisition of control by Cleve., Cin,Chi.&St.L., V71 1922/747
Peoria & Pekin Union Ry: Valuation, V34
Peoria Hanna City & Western Ry: Valuation, V44,47
Peoria Railway Terminal Co.: Valuation, V130
Peoria Terminal Co: Acquired by CRI&P, V117 1926/377
Pere Marquette Ry: Valuation, V130; Acquisition of control by C&O Ry, V138 1928/517; Construction Wixon to Pontiac, V138 1928/699; Acquire Manistee & Northeastern RR, V180 1931/166 & V180 1931/166; Reconstruction Finance Corp. loan, V187 1931/13 & V207 1935/499;
Abandonments: Rapid City to Kalkaska, Mich, 12 miles, V65 1920/731: branch in Newaygo and Mecosta Co's, Mich, V72 1922/303; Freeport Branch in Ionia, Kent, and Barry Counties, Mi, V72 1922/267: Buchanon Br, Merrien Co, Mich, V90 1924/100; Clary to Carters, Mich, 4.5 miles, V70 1921/324; Harrison to Leota, Mich, 10 miles, V70 1921/535; br. in Newago & Mecosta Co's, Mich, V105 1925/817; line in Saginaw and Bay Co', V145 1928/560; Branches in Huron County, Lapeer & Tuscola and Oceane Co', V187 1931/382, 444, 426; Haynor to Stanton, Mich, 19.5 mi, V189 1932/101; Abandon Mears Jct to Pentwater, 6.8 miles, V189 1932/319; V193 1933/303, 641; Kirk to Kanitz, 9 miles, V202 1934/83; Elmdale to Freeport, 6 miles, V202 1934/615; Huron & Western RR, V242 1940/501; Near Ionia to Kidd, Mich. 12 miles V249 1941/ 549; Tappan to Almont, Mich, 30 miles V249 1941/634; Williamsburg to Elk Rapids, Mich 9 miles V261 1945-46/586; Merger into C&O RR V267 1946-48/207;
Permiam Basin RR: Construct Odessa to Seagrass, Tx V330 1967/??;

Perry & Southeastern Ry: Construct from Clinchfield to Perry, Ga, V124 1927/341
Peru La Salle & Deer Park RR: Valuation, V43
Petaluma & Santa Rosa RR: Acquired by Northwestern Pacific RR, V180 1931/321; operation, by boat to Oakland, V202 1934/435
Peterborough RR: Abandon, V105 1925/13
Philadelphia & Beach Haven RR: See Tuckerton RR
Philadelphia & Chester Valley RR: Valuation, V32
Philadelphia & Reading Ry: Valuation, V32; Relocate line Pike & 2nd St, Philadelphia, V67 1921/252; Abandon Sea Isle City branch, V99 1925/655
Philadelphia Baltimore & Washington RR: see Pennsylvania RR
Philadelphia Belt Line RR: Valuation, V32
Philadelphia Bethlehem & New England RR: Valuation, V135
Philadelphia Newtown & New York RR: Valuation, V32; Relocate part of main line, Pike & 2nd St, Philadelphia, V67 1921/252
Pickens RR: Valuation, V106
Pickering Valley RR: Valuation, V32
Piedmont & Northern Ry: Extension Spartenburg SC to Gastonia, NC and Charlotte to Winston Salem, NC, V138 1928/363; Valuation, V47; Merges into Seaboard Coast Line Ry V334 1968/378;
Pigeon River Ry; Abandon part, V124 1927/251; Acquire abandoned portion of Smokey Mountain RR, V162 1930/697; Abandon, V175 1931/696; Valuation, V106
Pine Bluff & Northern Ry: Valuation, V106
Pine Bluff Arkansas River Ry: Valuation, V149; Abandon part of branch, V145 `1928/432; Abandon, V202 1934/445
Pioneer & Fayette RR; Reconstruction Finance Corp. loan, V184 1932/539 & V212 1935/430 & V217 1936/4, 149 & V242 1940/30
Pittsburgh & Lake Erie RR: Branch construction in Beaver county, V166 1930/449; Valuation, V28; Merge Pitts Mckeesport & Youghiogheny V324 1965-66/198;
Pittsburgh & Ohio Valley Ry: Valuation, V130
Pittsburgh & Shawmut RR: Valuation, V31; Abandon branch, V193 1933/467
Pittsburgh & Susquehanna RR: Valuation, V110; Abandon V217 1936/355
Pittsburgh & West Virginia Ry: Valuation, V36; Acquire West Side Belt RR, V65 1920/124; Take over the West Side Belt RR, V67 1921/786; construct a branch line, V67 1921/736; Control of West Side Belt Ry, V71 1922/68; Abandon track in Pittsburgh, V99 1925/796 & V175 1931/591; Extension from Pittsburgh area to Connellsville, V138 1928/755; Acquisition of West Side Belt RR, V150 1928/81; Branch construction in Washington County, Pa. V158 1929/749; Line relocation in Connellsville, V166 1930/704; Reconstruction Finance Corp. loan, V184 1932/513 & V189 1932/22 & V207 1935/91, 350, 797 & V212 1935/373, 653, 763 & V224 1937/387, 391, 675 & V233 1938/29 & V236 1939/171, 525, 779 & V240 1940/569; NKP, N&W, P&WV & Wab. merger V334 1965-66/1-151 & V330 1967/780-881; & V347 1967-74/506 & V363 1980-81/270; ;
Pittsburgh Allegheny & McKees Rocks RR: Valuation, V114; Abandon branch, V224 1937/587
Pittsburgh Chartiers & Youghiogheny Ry: Valuation, V23
Pittsburgh Cincinnati, Chicago & St. Louis RR (PaRR): Extension in Hamilton Co, Oh, V154 1929/496; Abandon part of Silver Creek-Troy Br, Il, V162 1930/617; Valuation, V24; Abandon Cecil to end, 2 mi, Washington Co, Pa, V207 1935/29;
Pittsburgh Fort Wayne & Chicago RR (PaRR): New line in Stark & Columbiana Co's Oh, V90 1924/657
Pittsburgh Lisbon & Western RR: Acquired by Montour RR, V150 1928/43, 619; Valuation, V121; Abandon V.252 1942/724; Buys Negley to Smith's Ferry 12.3 miles from Youngstown & Southern Ry V254 1942-44/202; Abandon V254 1942-44/144;
Pittsburgh Shawmut & Northern RR: Abandon Hazelhurst Br., 2.5 miles, V189 1932/135; Valuation, V26
Pond Fork & Bald Knob RR: Acquired by C&O, V105 1925/800
Pontiac Oxford & Northern RR: Belt line construction in Pontiac, Mich, V138 1928/699; Valuation, V143
Port Angeles Western RR: Extension Tyree to Forks, Clallam & Jefferson Co's Wash, V124 1927/455, 739 & V158 1929/495; Operate line in Clallam County, V99 1925/610; Valuation, V43; Reconstruction Finance Corp. loan, V184 1932/349
Port Arthur Canal & Dock Co: Valuation, V75
Port Huron & Detroit RR: Valuation, V125
Port Isabel & Rio Grande Valley Ry: Operation of line, V154 1929/198; Construction, V233 1938/47; Abandon V242 1940/165
Port Saint Joe Dock & Terminal Ry: Valuation, V121
Port Townsend & Puget Sound Ry: Abandon Discovery Jct. to Quilcene, Wash., V99 1925/501, 647; Valuation, V116
Port Townsend Southern RR: Valuation V116; Abandon Discovery Jct. to Quilcene, V99 1925/501, 647; Purchase V261 1945-46/95;
Portland & Southwestern RR: Valuation, V114
Portland Astoria & Pacific RR: Acquire United Rys line Wilkesboro to Linnton, Ore, 19 mi., V65 1920/731
Portland Southern Ry: Acquires Clackamas Eastern RR, V162 1930/534
Portland Terminal Co (Me): Valuation, V30
Potato Creek RR: Abandon Keating Summit to Betula, Pa. V105 1925/1; Abandon Betula to Hamlin, V131 1927/481; Valuation, V119; Abandon Keating Summit to Norwich and build Hamlin to Betula, 2 miles, V65 1920/636
Poteau & Cavanal Mountain RR: Acquisition of line in Le Flore Co, Ok, V82 1923/270
Poteau Valley RR: Abandon line in La Flore Co, Ok, V105 1925/738; Valuation, V75,84
Potomac Fredericksburg & Piedmont RR: Valuation, V108
Prairie Track Ry: Acquisition of Illinois line V348 1075-77/832;
Prattsburgh Ry: Valuation, V121; Abandon V247 1941/151;
Prescott & Northwestern RR: Construct extension in Nevada Co, Ark, V94 1924/471; Excess income, V180 1931/286; Valuation, V103: Extension of line in Nevada County, Ark, V90 1924/301; Extension in Nevada Co, Ark, V86 1923/365
Preston RR: Valuation, V43
Providence Webster & Springfield RR: See Boston & Albany RR;
Pueblo Union Depot & RR Co: Valuation, V125
Puget Sound & Cascade Ry: Acquires line, V187 1931/477 ; Reconstruction Finance Corp. loan, V189 1932/9 & V212 1935/691; Valuation, V106; Abandon V217 1936/275; Abandon, V228 1938/755
Puget Sound & Willapa Harbor Ry: Valuation, V44
Pullman Co.: Valuation,. V36, 46
Pullman RR: Valuation, V26
Quakertown & Bethlehem RR: Valuation, V43; Abandon V221 1937/502
Quanah Acme & Pacific Ry: Extension in Motley and Floyd Counties, V117 1926/233; Acquisition of line Matador Jct to Matador, V124 1927/302; Extension in Hardeman County and discontinue trackage rights over Ft. Worth & Denver, V158 1929/546, 699; Extension in Motley County, V158 1929/95; Valuation, V41; Abandon br., V212 1935/505;
Quebec Extension Ry: New line Aroostook Co, Me, V99 1925/93, 189 & V111 1926/621; Reconstruction Finance Corp. loan, V202 1934/364
Quincy Omaha & Kansas City RR: Valuation, V134; Abandonment V233 1938/471
Quincy Western RY: Valuation, V106
Rahway Valley RR: Corporate make-up, V162 1930/713; Valuation, V119
Railway Transfer Co. of the City of Minneapolis: Valuation, V133
Raleigh & Charleston RR:(SAL) Valuation, V35; Abandon V189 1932/329; Abandon by receivers 3. miles Lakeview, SC. V244 1940/665
Randolph & Cumberland Ry: Valuation, V108
Rapid City Black Hills & Western RR: Valuation, V119
Raquette Lake Ry : Operating agreement with N.Y.C. RR, V138 1928/149; Valuation, V106; Abandon V199 1933/278
Raritan River RR: Valuation, V84
Ray & Gila Valley RR: Valuation, V108
Reader RR: construct Hope to Eldorado and extension, V131 1927/51; Operate line in Ouachita and Nevada counties, Ark, V99 1925/695; Valuation, V43; Reorganization, V221 1937/190, 603 & V228 1938/446
Reading RR: Port Reading RR operation over line in Somerset and Middlesex Counties, NJ, V145 1928/150; Valuation, V32; Acquire Ironton RR, V99 1925/667; Acquisition of Bloomsburg & Sullivan RR, V145 1928/785; Acquisition of 12 companies it had been operating, V150 1928/187: Acquisition of Trenton Princeton Traction Co., V166 1930/141; Extend Helfenstein Br in Schuylkill & Northumberland Counties, V170 1930/746; Operation of a line in Union County, Pa, V170 1930/595;
Abandonments: Mt. Hope Colliery Br. in Schuylkill County, V150 1928/421; Reading, Marietta & Hanover RR, V162 1930/301; part Cat. & Fogles. RR, V236 1939/725; Gettysburg & Harrisburg RR, V239 1940/233; part Mt. Carbon & P.C.RR, V221 1937/233; part Mill Ck & M.H.Nav.&R, V236 1939/795; Sch. Val. Nav.&RR, V224 1937/153; at Penn St., Philadelphia, .1 mile, V202 1934/175; Delaware River Ferry Co, 2 routes at Camden-Phila.; Hazelton to Roan, Pa, 4 miles, V217 1936/271; Mt. Carbon Br, Pa, 1.3 miles, at end, V236 1939/713; Boston Run Br to Gilberton, 1/2 mile, V239 1940/169; 1.5 mile end of Lorberry Br, Pa, V240 1940/711; .3 mile end of East Norwegian Br, V240 1940/721; Pine Grove to Auchenbach, Pa. 1.6 miles V249 1941/495; Schuylkill Valley Nav.&RR line V.252 1942/204; Part of Mount Carmel Br V317 1962-63/592;
Red River & Gulf RR: Abandon Louisiana Jct. to Concrete Hill, V154 1929/467; Valuation, V119; Abandon, V193 1933/251
Red River Lbr Co.: Track acquired by Northern California RR, V154 1929/388
Reyndldsville & Falls Creek RR: Valuation, V125; Acquired by B. R. & P. RR, V154 1929/338; Abandon V199 1933/642 & V199 1933/642
Richmond Belt Ry: Acquisition by AT&SF and SP, V184 1932/189; Valuation, V149
Richmond Fredericksburg & Potomac RR: Excess income, V170 1930/451; Valuation, V31; Disc. #85 & 86/V336 1969/548;
Richmond Terminal Ry: Valuation, V43
Ringling & Oil Fields Ry: Acquired by Gulf Colo. & S.F. Ry, V111 1926/542
Rio Grande City & Northern Ry: New line between Hidalgo and Webb Counties, Tex, V90 1924/689
Rio Grande City Ry: New line construction in Hidalgo and Starr counties, Tex, V90 1924/583; Valuation, V43; New line Hidalgo and Starr Co's, Tx, V94 1924/324
Rio Grande Eastern Ry: Operation of line in Sandoval Co, NM, V94, 1924/324; Abandon Hagan Jct. to Hagan, V175 1931/560
Rio Grande Junction Ry; Acquisition by D&RGW, V82 1923/745
Rio Grande Micolithic & Northern Ry: New line, V127 1926/19; Abandon, V233 1938/375
Rio Grande Southern RR: Valuation, V143; Reconstruction Finance Corp. loan, V236 1939/507 & V240 1940/661;
River Terminal Ry: Valuation, V119
Riverside Rialto & Pacific RR: Valuation, V119
Roanoke Ry: Abandonment from Horners to Brunswick, Va, V94 1924/243; Abandon line Brunswick Co, Va to Northampton and Halifax Co's, NC, V105 1925/267
Roanoke River RR: Valuation, V108
Roby & Northern RR: Valuation, V114; Abandon V.249 1941/367
Rochester City Subway; Operation of various railroads on its tracks, V145 1928/269
Rock Island Arkansas & Louisiana RR (CRI&P): Proposed construction, V189 1932/757; Abandonment in Winn Parish, La., V90 1924/645

Rock Island Frisco Terminal Ry, Valuation, V116
Rock Island Southern Ry: Abandon, V212 1935/767
Rockcastle River Ry: Abandon V175 1931/361; Valuation, V121
Rockdale Sandow & Southern RR: Takes over private line of Aluminum Co. of Am. Marjorie to Sandow, Tx 6.7 mi V282 1951-53/297;
Rockingham RR: Valuation, V121; Abandon V.249 1941/633;
Rockport Langdon & Northern Ry: Valuation V103
Rocton & Rion RR: Acquisition, V189 1932/545
Rome & Northern RR: Valuation, V106; Abandonment in Floyd & Chattoga Co's, Ga, V90 1924/54
Roscoe Snyder & Pacific Ry: Excess income, V180 1931/382; Valuation, V97; Abandon V.249 1941/545;
Roslyn Connecting RR: Valuation, V37
Rowlesburg & Southern RR: Reconstruction Finance Corp. loan, V187 1931/618 & V189 1932/557; Proposed acquisition, V189 1932/540; Valuation, V130
Rural Valley RR: Valuation, V116
Rutland RR: Abandon part of Addison RR in Vt. and N.Y, V79 1923/427; Valuation, V130; Reconstruction Finance Corp. loan, V230 1938/335; Reorganization V267 1946-48/89, 153 & V271 1048-49/44; Abandon all V317 1962-63/393-433;
Rutland Toluca & Northern RR: Valuation, V40; Abandon, V117 1926/711 & V124 1927/77; Reorganization, V212 1935/377; Abandon V221 1937/267
Sabine & Neches Valley Ry: Valuation, V43; Operation of Possum Bluff Spur in Newton C'ty, Tex, V79 1923/29
Sabine Basin Ry (AT&SF and Beaumont, St.L.&WRR) Acquires Eastern Texas Electric, V170 1930/653, Construct lines off Eastern Texas Electric, Jefferson County, Tx, V170 1930/653
Sabine River & Northern RR: construction V328 1966/95;
Sacramento Northern RR: Acquired by Western Pacific RR, V71 1922/653; Valuation, V46; Construct line in Yolo and Solano Co's, V105 1925/473, 791 & V117 1926/43 & V124 1927/297 & V138 1928/111 & V154 1929/447; Acquisition by W.P.RR, V99 1925/382; Acquisition on San Francisco-Sacramento RR, V145 1928/533; Construction in Yolo and Sacramento Co's, V175 1931/341; Abandon line V244 1940/617; Abandon Globe to Higgin Yd, 1 mile and use W.P. track V290 1953-55/229; Abandon Montezuma to W. Pittsburg, 4.4 mi & car ferry across Sacramento River V295 1955-58/73
Saint Clair Terminal RR: Valuation, V133
Saint Clair Tunnel Co: Valuation, V143
Saint Francois Country RR: Valuation, V108
Saint John & Ophir RR: Abandonment, V145 1928/611; Valuation, V108
Saint Johns River Terminal Co: Valuation, V106
Saint Johnsbury & Lake Champlain RR: Acquisition of Maine Central and C.P.R., V131 1927/407; Partial control by the CPR, V150 1928/549; Valuation, V30
Saint Joseph & Grand Island Ry: Valuation, V44; Abandon branch, V199 1933/95
Saint Joseph Belt RR: Excess income, V189 1932 620; Valuation, V133
Saint Joseph Terminal RR: Valuation, V135
Saint Joseph Union Depot Co: Valuation, V133
Saint Louis & Alton RR: Acquisition by Illinois Terminal RR, V162 1930/719; Abandon, V180 1931/152
Saint Louis & Hannibal RR: Abandon part in Pike, Lincoln & Saint Charles Co's, Mo, V184 1932/93; Valuation, V114
Saint Louis & Illinois Belt Ry: Acquired by Il. Terminal Co., V138 1928/487
Saint Louis & O'Fallon Ry: Excessive income, V124 1927/3-74. 499, 579 & V150 1928/334, 337; Valuation, V125
Saint Louis & Ohio River RR: Construction connecting track at Belleville, Il, V162 1930/457; Valuation, V44
Saint Louis Brownsville & Mexico (MP): Abandon lines, V193 1933/283,327; New line in Willacy and Hidalgo Counties,, V99 1925/421 & V150 1928/97, 349; Line extension in Willacy County, V117 1926/307; Valuation, V29; New line construction in Willacy and Hidalgo Co's, Tx, V90 1924/780; Construction V221 1937/741
Saint Louis Connecting RR: Acquired by Pa.RR, V111 1926/147; New line Collinsville 9.2 miles northeast to near Saint Jacob,, V111 1926/147
Saint Louis El Reno & Western Ry: Abandonment in Logan, Oklahoma & Canadian Co's Okla., V79 1923/77
Saint Louis Electric Terminal Ry: Acquired by Illinois Terminal Co., V138 1928/487; Line extension, V150 1928/59; Construction, V189 1932/317
Saint Louis Kansas City Short Line RR: Reconstruction Finance Corp. loan, V193 1933/141; Proposed construction, V212 1935/107
Saint Louis Kennett & Southeastern RR: Valuation, V133; Acquisition by Saint L.-S.F. V131 1927/105;
Saint Louis Merchants Bridge Terminal Co.: Valuation, V38; Acquired by Term. RR of Saint L., V99 1925/698
Saint Louis San Francisco RR; Construct br in Garfield Co, Ok, V105 1925/768; Construction line in Monroe & Lowndes Counties, Miss and Pickens, Greene, Marengo & Wilcox Co's, Ala, V111 1926/711; Acquires Ks City, Clinton & Springfield Ry, V145 1928/110; Acquire Jonesboro, Lake City & Eastern RR, V99 1925/753; Acquires Miami Mineral Belt RR, V158 1929/199; Acquires Muscle Shoals, Birmingham & Pensacola RR, V105 1925/99; Acquires Gulf, Texas & Western Ry, V162 1930/398; Extension Shamrock Br, Creek Co, Ok, V162 1930/649; Acquire Miss. River & Western Ry, V170 1930/216; Reconstruction Finance Corp. loan, V180 1931/590 & V184 1932/207, 773 & V189 1932/589 & V199 1933/388; Valuation, V41; Acquire Gulf Texas & Western RR, V162 1930/398; Reorganization, V207 1935/623 & V221 1937/199, 251 & V224 1937/29, 106 & V228 1938/73 & V233 1938/627, 780 & V240 1940/383 & V242 1940/523 & V.249 12941/195 & V257 1944/399, 717; Discontinue #517 & 518 Tulsa to Dallas V307 1958-60/477; Discontinue train Saint Louis to Memphis V312 1960-62/713; Disc. #1 & 2 V330 1967/619;
Abandonments: branch Linn Co, Ks to Bates Co, Mo, V105 1925/691; part of line in Cass & Jackson Co's, Mo and Johnson Co, Ks, V145 1928/379; lines in Stoddard & Dunkin Co's, Mo., V158 1929/602; North Jennings to Jennings, Ok, 2 mi, V193 1933/265; Wardell to Fraley, 4.5 mi, & Yukon To Deering Jct, 4 mi, Mo, V193 1933/421; McDougal to Tipperary, Mo, 9 miles, V193 1933/424; Kiersey to Texas Jct, 9 miles, Ok, V193 1933/651; 15 lines, V199 1933/see index in book for pages,); 4 abandonments, V202 1934/41, 44, 185,641; .1 mile at Granby, Mo, V207 1935/589; Pacoli to Yukon, Mo, 9 miles, V207 1935/601; Buler County RR, V202 1934/788; Fayette Jct. to Pettigrew, Ark, 41 miles, V221 1937/241; branches, V228 1938/795 and 271; Mingo to Williamsville, Mo, 24 miles, V233 1938/665; Grassey Bayou to Carutherville, Mo, 7 miles, V236 1939/792; Bentonville Ark to Grove, Ok, 41 miles, V240 1940/629; Kansas City, Fort Scott & Memphis Ry branch in Linn Co, Ks and Bates Co, Mo, V105 1925/691; Gulf Texas & W.Ry, V233 1938/321; Madill to Mead, Ok account of dam and new line built V244 1940/485; Nash, Mo to Pocohontas, Ark V328 1966/34;
Saint Louis San Francisco & Texas RR: Construction in Wilbarger & Baylor Counties, Tx, V162 1930/398; Valuation, V41
Saint Louis Southwestern Ry: Acquires control Mo-Ks-Tx, V124 1927/401; Construction new lines in New Madrid, Pemiscot & Dunklin Counties, Mo and Mississippi County, Ark, V150 1928/685; Acquire Stephenville North & South Texas Ry, V154 1929/595; Acquires Blytheville Leachville & Arkansas Southern RR, V150 1928/685 ; Acquires Gideon & North Island RR, V150 1928/68; Acquires Deering Southwestern Ry, V150 1928/685; Acquisition Arkansas Short Line RR and Cairo, Truman & Sou.RR and extension in Pointsett & Craighead Co's, Ark, V162 1930/625; Acquired by S.P.RR, V180 21931/175, 710; Reconstruction Finance Loan, V184 1932/74 & V187 1931/335 & V189 1932/389, 499 & V207 1935/377 & V212 1935/509; Valuation, V149; Lease Valley Terminal Ry, V65 1920/105; Reorganization, V212 1935/322, 471 & V221 1937/179 & V224 1937/106, 757 & V228 1938/53 & V233 1938/14, 456 & V236 1939/25 & V240 1940/302 & V244 1940/435, 725 & V247 1941/299 & V.249 1941/5 & V.252 1942/325; Discontinue Saint Louis to Poplar Bluff #7 & 8 V307 1958-60/639;
Abandonments: part of branch in Jefferson Co, Ark, V145 1928/432; Prestridge to White City, Tx, V189 1932/659; Hancock Jct. to Mandaley, Ark, 4 miles, V212 1935/347; 1/4 mile at Blazier, Mo V224 1937/639; branch V228 1938/767; Lufkin to Prestridge, Tx, V230 1938/719; line in Texas, V236 1939/755; Stephenville, N & S T Ry, V240 1940/789; Cent. Ark. & Eastern RR, V221 1937/170; Commerce to Sherman, Tx 51 miles and use trackage rights over T&NO V290 1953/53;
Saint Louis Transfer Ry: Valuation, V38
Saint Louis Troy & Eastern RR: Acquired by Ill. Terminal Co, V138 1928/487; Extension in Madison County, Il, V111 1926/303; Valuation, V137
Saint Marys RR: Valuation, V24; Construction V312 1960-62/178;
Saint Paul & Kansas City Short Line RR: Acquisition of line of Keokuk & Des Moines Ry, V94 1924/87; Construction Grundy to Clay Co's, Mo, V154 1929/130; Abandon part of branch in Lucas Co, Ia, V166 1930/702
Saint Paul Bridge & Terminal Ry: Valuation, V143
Saint Paul Union Depot Co: Valuation, V130
Sainte Marie Union Depot Co: Valuation, V114
Salem Winona & Southern RR: Abandonment V138 1928/717; Valuation V114
Salina & Santa Fe Ry: Acquisition of line in Saline, Lincoln, Mitchell & Osborne Co, Ks, V90 1924/189
Salina Northern RR: Valuation, V119
Salt Lake & Los Angeles Ry: Valuation, V97
Salt Lake & Utah Ry; Reconstruction Finance Corp. loan, V184 1932/217 & V224 1937/764 & V240 1940/340
Salt Lake City Union Depot & RR Co: Valuation, V149
San Antonio & Aransas Pass Ry (T&NO, SP): Valuation, V33,47; Branch construction in Cameron Co, Brooks & Hidalgo Co's, V111 1926/483; Extension Harlingen to Brownsville, Tx, V124 1927/513, 613; Branch line construction in Cameron and Hidalgo Co's, V150 1928,646; Abandon Branch line part, Gonzales and Caldwell Co's, V180/ 1931/119; Abandon Shiner Jct.N.W. to Gonzales, Tx, 21 miles, V189 1932/137
San Antonio & Mexican Ry: New lines construction in La Salle, McMullen, Live Oak & Webb Co's, Tx, V90 1924/597
San Antonio Southern Ry: Acquired by N.O.T.&M.Ry, V117 1926/311; Abandon V189 1932/114; Extension in Atascosa, McMullen, Duval, Jimbogg, Brooks, Hidalgo, Cameron, Webb & Starr Co's Tex, V90 1924/608
San Antonio Uvalde & Gulf RR: Extension in Dimmit County, Tx, V154 1929/305; Valuation, V141; Abandon V199 1933/83; Abandon, V202 1934/757
San Benito & Rio Grande Valley Ry: Line constructions, Tex, V124 1927/513, 637; Valuation, V29; New line construction in Hidalgo Co, Tx, V90 1924/777
San Diego & Arizona Eastern Ry: Reorganization, V188 1933/713; Abandon Santee to Lakeside, Cal, 2.3 miles, V230 1938/719
San Diego & Arizona Ry: Valuation, V45
San Diego & Gulf Ry: Operation by Texas Mexican Ry, V158 1929/557
San Francisco Sacramento RR: Acquisition by Sacramento Northern Ry: V145 1928/533; Extension of Pittsburgh Br., V150 1928/771
San Joaquin & Eastern RR: valuation, V108; Abandon, V193 1933/217
San Luis Central RR: Valuation, V26
San Luis Southern Ry: Valuation, V114
San Luis Valley Southern Ry: Reorganization of San Luis Southern Ry, V145 1928/71; Extension in Taos County, NM, V154 1929/4

San Pedro Los Angeles & Salt Lake RR (UP): Valuation, V75,97,103
Sand Springs Ry: Valuation, V114; Reconstruction Finance Corp. loan, V184 1932/623 & V207 1935/471
Sandersville RR: Valuation, V 106
Sandy River & Rangeley Lakes RR: Valuation, V108
Sandy Valley & Elkhorn Ry: Acquired by C&O Ry, V99 1925/553; Valuation, V29
Santa Fe & Los Angeles Harbor Ry: New line construction in Los Angeles, Co, Cal, V72 1922/832
Santa Fe Dock & Channel Co: Valuation, V116
Santa Fe Northwestern Ry: Operate line in NM, V99 1925/597 & V105 1925/717; Reconstruction Finance Corp. loan, V189 1932/742, 795; Valuation, V43; Abandon, V221 1937/759; Abandon V.249 1941/342; Abandon West Bernalillo to Gilman, NM 37 miles V249 1941/342
Santa Fe Raton & Eastern RR: Valuation, V108
Santa Fe San Juan & Northern RR: Extension in Sandoval County, NM, V154 1929/473; Reconstruction Finance Corp. loan, V193 1933/545
Santa Maria Valley RR: Valuation, V130
Saratoga & Encampment RR: Acquired by U.P., V71 1922/190; Valuation, V125; Abandon line in Carbon county, V111 1926/293; Reorganization of Saratoga & Encampment Valley RR: V145 1928/83
Sardis & Delta RR: Abandon, V150 1928/358; Valuation, V108
Sault Ste. Marie Bridge Co.: Valuation, V108
Savannah & Atlantic RR: Reorganization, V162 1930/771 & V187 1931/129 & V224 1937/197 & V228 1938/543 & V230 1938/487; Reconstruction Finance Corp. loan, V230 1938/491 & V236 1939/263; Control acquired by Cent. of Ga. RR V282 1951-53/39; Acquired by Cent. of Ga. RR V338 1970-71/353;
Savannah & Northwestern Ry: Valuation, V97
Savannah & Statesboro RR: Abandon, V189 1932/386; Valuation, V35
Savannah River Terminal Co: Valuation, V44
Savannah Union Station, Valuation, V116; Abandon V312 1960-62/797
Schoharie Valley Ry: Acquired by D&H RR, V158, 1929/615
Seaboard Air Line Ry: Acquires Tampa Northern RR, V105 1925/320; Acquire Tavares & Gulf RR, V105 1925/383; Construct lines in Fl, V117 1926/701; Acquire Naples, Seaboard & Gulf Ry, V117 1911/444; Acquire Tampa & Gulf Coast RR, V117 1926/538 & V145 1922/314; Acquires Charlotte Harbor & Northern Ry, V105 1925/249 ; Acquire East & West Coast Ry, V105 1925/113; Prince George & Chesterfield RR new line, V145 1928/788; Tampa Northern RR acquired, V145 1928/311; Reconstruction Finance Corp. loan, V187 1931/453 & V189 1932/301 & V230 1938/557 & V236 1939/125, 388; Valuation, V35; Florida Western & Northern RR (S.A.L.) Cut-off and branch construction in Marion and Polk Co's, Fl, V90 1924/528; New line construction in Sumpter, Lake, Polk, Highlands, Okreechobee, Palm Beach, Hillsborough and Nassau Counties, Fla, V90 1924/221; Construction, V202 1934/783; & V212 1935/719 ; Acquisition buy Seaboard All Florida Ry Fla. Western & northern RR and East & West Coast Ry V257 1944/584; Reorganization V261 1945-46/689; Merger with ACL V320 1963/122-270; Discontinue pass. trains #17 & 18 V330 1967/171;
Abandonments: branch, Fernandina to Amelia Beach, Fl, 1.4 miles, V67 1921/258; Fruitville Jct. to Fruitville, 7 miles, V70 1921/497; Buda Branch, Alachua and Gilchrist Co's, Fl, V124 1927/329; Part Ekal to Sumterville, Fl, V124 1927/575; Silver Spring Branch, Marion Co, Fl, V138 1928/715; branch in Colleton Co, SC, V145 1928/15; Welcome Spur Branch in Hillsborough County, Fl, V138 1928/725; part of branch in Polk Co, Fl, V158 1929/745; Chisholms Island Spur, Beaufort Co, SC, V166 1930/1; Columbus-Albany Br, Ga, V166 1930/629; Topoke Lake Br. of Tampa Northern RR, V166 1930/515; part of Covington Br in Jefferson & Taylor Co's, Fl, V175 1931/662; Loganville Br abandon, V180 1931/137; Cedar Key Br, Alachua & Levy Co's, Fl, V184 1932/575; Georgetown & Williamsburg Co's, S.C., V187 1931/145; Rochester Spur near Tampa, 3.4 miles, V189 1932/123; V193 1933/99, 257; 1.5 miles Pierpont, Charleston Co, SC, V199 1933/307; Abandonment denied, V202 1934/543; Adamsboro Jct. to Adamsboro, Sc, 2 miles, V233 1938/765; branch, V236 1939/299; Raleigh & Charleston 3 mile line in S.C. V244 1940/665
Seaboard All Florida Ry: Construct lines in Florida, V127 1926/701 & V124 1927/656; Acquisition of South Georgia Ry, V138 1928/665; Line construction in Miami, V158 1929/169
Seaboard Coast Line Ry: Discontinue pass. trains #17 & 18/853; Disc. #51 & 52 V334 1968/337; Disc. #95 & 96 V334 1968/195; Disc. #33 & 34 V334 1968/759; Disc. #85 & 86 V336 1969/548; Abandon Palatkin to Interlachen, Fl V363 19480-81/987;
Sewell Valley RR: Extension in Greenbrier County, V117 1926/571; Acquisition by C&O RR, V124 1927/195; Extension Glencoe & Duo Branch, V154 1929/204; Joint control by N.Y.C. V158 1929/673; Valuation, V106
Sharpsville RR: Abandon line except two pieces taken by Pa. RR at New Wilmington and Sharon Branch, V166 1930/600; Valuation, V103
Shearwood Ry: Valuation, V121; Abandon V207 1935/325; Abandon, V221 1937/580
Sheffield & Tionesta Ry: Valuation, V119
Shelby County Ry: Valuation, V103; Abandon V224 1937/459
Shelby Northwestern Ry: Valuation, V103; Abandon V224 1937/462
Shevlin Hixon Lbr Co: Acquisition by G.N.Ry of line at Bend, Ore, V138 1928/99
Shreveport & Northeastern Ry: Construct a RR in Webster and Claiborne Parishes, La, V71 1922/586
Shreveport Bridge & Terminal Co: Valuation, V149
Shreveport, Houston & Gulf RR: Valuation, V97; Abandon, V224 1937/549
Sibley Lake Bisteneau & Southern Ry: Valuation, V135
Sierra Railway Co. of California, Valuation, V149; Reconstruction Finance Corp. loan, V187 1931/637; Abandon, V202 1934/525; Operation, V202 1934/23; Abandon part, V228 1938/763
Sievern & Knoxville RR: Abandon V187 1931/626; Valuation, V37
Silverton Northern RR: Valuation, V121; Reconstruction Finance Corp. loan, V187 1931/152
Silverton Ry: Abandon in San Juan and Ouray Co's Colo, V72 1922/13
Sioux City Bridge Co., Valuation, V137
Sioux City Terminal Ry: Valuation, V31
Skaneateles RR: Valuation, V143; Abandon, V240 1940/537
Sligo & Eastern RR: Abandon in Dent & Crawford Co's and operation of Sligo Furnace Co's RR, V154 1929/725; Valuation, V110
Smokey Mountain Ry: Abandon line in Swain Co, NC, V111 1926/747; Acquisition by Tn. & NC. Ry, V124 1927/523 & V170 1930/716; Portion of RR acquired by Pigeon River RR, V162 1930/697; Valuation, V108; Abandon, V230 1938/367; Reconstruction Finance Corp. loan, V230 1938/612
Somerset Ry: Construct Gasport, N.Y. to Somerset Sta. V366 1981-83/144;
Soo Ry: Discontinue pass. trains #13 & 14 to Portal V320 1963/337; Disc. #9 & 10 V328 1966/610; Disc. #34 & 35 V331 1967/9; Acquire some CRI&P lines V366 1981-83/915;
South Buffalo Ry: Valuation, V31
South Georgia Ry: Extension Hampton Springs to Deadman's Bay, V111 1926/85; Acquisition by Seaboard-All Florida Ry, V138 1928/665; Purchase of West Coast Ry, V82 1923/723; Abandon in Taylor Co, Fl, V170 1930/228; Valuation, V108
South Manchester RR: Valuation, V108; Control, V193 1933/219
South Omaha Terminal Rt: Acquires line of Union Stock Yards Co, V124 1927/721
South Pacific Coast Ry: Abandon, V193 1933/635; Ferry abandon Alameda to San. F., V217 1936/277; Abandon V221 1937/713
South Plaines & Santa Fe Ry: New line Lubbock, Hockley & Sochran Co's, Tx, V94 1924/724
South San Francisco Belt Ry: Valuation, V108
South Shore RR: Valuation, V114
Southeastern Ry: Construct in Lee County, Va and Harlan Co, Ky, V105 1925/53
Southeaster Pennsylvania Transportation Agency: Operation over Octaro Ry V363 1980-81/991;
Southern Railway: Valuation, V37; Cut-off line extension in Hawkins, Hamblemn and Jefferson, Co's, V86 1923/432; Construction 3 mile frt. Lomnsdale Cout-Off in Knoxville, Tn, V86 1923/435; Reconstruction Finance Corp. loan, V180 1931/511 & V187 1931/331, 379 & V207 1935/4 & V212 1935/119, 536 & V228 1938/486 & v230 1938/148, 409 & V233 1938/56 & V240 1940/170; & V242 1940/798 ; Kingsport RR formed by Sou. Ry. to take over 7 miles of U. S. Govt. line from Clinchfield RR at Kingsport to Southern Ry at Holston. V.271 1948-49; Operation of Camp Lejeune Ry denied V207 1958-60/697; Discontinue #5 & 6 V307 1958-60/125; Discontinue #7 &8 V307 1958-60/677; Discontinue pass. trains Greensboro to Goldsboro V317 1962-63/255; Disc. #1 & 28, 27 & 2 V333 1968/297; Disc. $5 & 6 V348 1975-77/225 & 716; Resumption of service Aiken to Warrenville, SC V348 1975-77/581; Disc. #1 & #2 V354/1977-78/630;
Abandonments: Morristown to Corryton, Tn, V105 1925/228 & V131 1927/264 & V145 1928/355; part between White Oak and Danville, Va, V117 1926/47; Moscow-Somerville Br, Fayette County, Tn, V184 1932/754; branch in Aiken County, SC, V187 1931/626; Va.&S.W.Ry in Carter County, Tn, V187 1931/446; two lines, V189 1932/71 & 651; Oliver Springs to Big Mtn, Tn, 2.6 miles, V199 1933/141; Dabville to Lim, Va, 3.4 miles, V207 1935/359; Carolina Division, Sumter Jct. to Sumter, SC, 16 miles, V212 1935/593 & V217 1936/443; Rosebud to Williamson, Ga, 40 miles, V212 1935/749; Abandon, V217 1936/764; Denied abandonment, V217 1936/407; Warrenville to Clearwater, SC 5 miles and Rosebud to Wile., 40 miles, V228 1938/57, 59; 3 miles to Morristown, Tn, V228 1038/770; branch in Ky, V228 1938/55; Hodges to Abbeville, 12 miles, SC, V230 1938/639; Embreeville Br, Tn, 13 miles, V230 1938/795; Va. & S.W. RR, V233 1938/767; Maryville to Walland, Tn, 10 miles, V240 1940/550; Ky. branch, V242 1940/673; North & South Carolina RR, V236 1939/701; Bluff City to Mountain City, Tn, 46 miles V247 1941/639; Atlantic & Danville RR Ry from W. Norfolk, Va to Jeffress, Va. & Clarksville Jct. to Danville. To probably be taken over by new A&D RR company V271 1948-49/605;
Southern Illinois & Kentucky RR: New line construction Edgewood to Metropolis, Il, V82 1923/100 & V86 1923/371 & V105 1925/227
Southern Illinois & Missouri Bridge Co: Valuation, V103
Southern Kansas Industrial Belt Ry: New line in Wilson County, Ks, V117 1926/210
Southern New Jersey RR: Reorganization of Tuckerton RR, V221 1937/588; Abandon, V236 1939/347
Southern New York Ry: Abandon V193 1933/333; Abandon operation V244 1940/349;
Southern Pacific RR: (See also Texas & New Orleans, San Antonio & Aransas Pass RR, Arizona Eastern RR, San Diego & Arizona Eastern RR, Northwestern Pacific RR, and others): Valuation, V45; Reconstruction Finance Corp. loan, V193 1933/55, 63,601 & V212 1935/509, 746 & V228 1938/25 & V230 1938/731; Consolidation of Tex and Louisiana line, V199 1933/47; Reincorporation V267 1946-48/523; Make train #9 & 10 tri weekly except summer and Christas San F. to Portland Shasta Daylight V307 1958-60/209; Discontinue Pass. trains Oakland to Ogden V312 1960-62/437; Merger of T&NO V312 1960-62/598; Discontinue trains L.a. to Sacramento; Oakland and Sacramento, and S.F. to San Jose V312 1960--62/631; Discontinue trains #27 & 29 Ogden to Oakland V317 1962-63/514; Dis. #5 & 6 V320 1963/302; Disc. S.Fran-Portland train V320 1963/59; Disc.

#126 & 141 V324 1965-66/577; Disc. #39 & 40 V328 1966/14, 360; Disc. #19 & 20 to Portland V328 1966/947; Disc. #39 & 40 V330 1967/??; Disc. # 1 & 2 V333 1968/783; Disc. #101 & 102/525; Disc #11 & 12 V334 1968/159; Disc. #101 & 102 V336 1969/691;
Acquisitions: Purchase of Pacific Southwestern RR, V82 1923/245\; Purchase of Nev-Cal-Ore RR and Ore, Cal, & East. Ry V124 1927/475, 529 & V154 1929/647; Acquire Lake Tahoe Ry & Trans, V131 1927/726 & V99 1925/319; Acquire Central California Traction Co, V131 1927/125, 540; Acquisition of California Ry, V99 1925/294; Acquire Dayton-Goose Creek Ry, V105 1925/792 ; Acquires Holton Inter-Urban Ry, V105 1925/282; Acquire Chowchilla Br. of Visalia Electric RR, V145 1928/695; Acquisition of Marion & Linn County RR, V124 1927/ 614 Acquisition of Ore. & Cal, V124 1927/614; Union Belt Ry, V154 1929/17; Purchases AT&SF stock in NWP, V150 1928 119: Acquires Calaveras Cement Co's railroad, V150 1928/531; Acquire Clackamas Eastern RR; Acquire St. Louis - South Western Ry, V180 1931//175, 710
Construction; Construction branch line in Kern Co, Cal, V79 1923/376; Construction Natron Cut-off in Lane and Klamath Co's, Or, V82 1923/185; Construct Black Butte Cut-off, Grass Lake, Ca to near Weed, 24 miles, Cal, V99 1925/780; Extend Lodi Br., Calaveras Co, Cal, V99 1925/307; Extend Sutter Basin Br., Sutter Co, Ca, V99 1925/201; Branch line construct in Yuba Co, Cal, V111 1926/453, 541 & V111 1926/453, 541; Construct Natron Cou-off, V111 1926/441; Extend line in Klamath Co, Or and Modoc Co, Cal, V111 1926/3 & V117 1926/737 & V124 1927/475, 529 & V138 1928/99; Construct line in Contra Costa and Solano Counties, Cal (Bridge and approaches), V145 1928/323; Extend line Kerman to Biola, Ca, V145 1928/574; Relocate line at San Jose, V145 1928/515; Branch construction in Yolu & Colusa Co's, Ca, V150 1928/516; Extension of Walnut Grove Br, Sacramento Co, V150 1928/126; New line and bridge in Solano Co, Cal, V166 1930/311; Extension in Sacramento Co, V170 1930/141; Extension Isleton to Mokelumin River, 25 miles, Sacramento Co, V170 1930/141; Construction, V193 1933/619; Construct, V202 1934/86&89;
Abandonments: branch in Elko Co, Nev, V72 1922/404; part of N.M. & A. RR in Arz., V111 1926/577; Alcalde Br, Cal, V124 1927/497; line in Siskiyou Co, Cal, V131 1927/317 & V131 1927/317; part of Beetox Spur Br in Ventura Co, Ca, V131 1927/439; Apton to Loma Point, Cal, V138 1928/71; Port Costa - Benecia ferry, V145 1928/323; Airline Br, Polk Co, Ore, V145 1928/705; Oil City Branch, Kernb Co Cal, V145 1928/689; Teetox Line in Ventura Co Ca, V154 1929/677; part Mills City Branch, Linn Co, Or, V158 1929/439; track at Newberg, Ore and part of West Side Br in Multnomah and Washington Co's, Ore, V162 1930/391; portion Yaquina Br in Benton Co, Ore, V166 1930/54; Bisbee Br, Cochise Co, Az, V170 1930/428; New Mexico & Ariz. RR in Santa Cruz Co, Az, V170 1930/237; Candelaria Br, Mineral Co, Nev, V175 1931/580; West Side Br. in Wash. & Multnommah Co's, Ore, V180 1931/59; Candelaria Br, Mineral Co, Nev, V175 1931/580; part Santa Monica Air Line Br, V187 1931/410; Abandon, V193 1933/669,341, 416, 432; part of New Alameda Br, 4 mi, Cal, V199 1933/43 branch, V199 1933/196; Denied to Lelton to Lucin, 55 miles, Utah, V199 1933/731; Magnesite Jct. to Howton, 3 miles, Cal, V202 1934/233; Clavicle to Springville, 2.4 miles V207 1935/71; Cheshire to Transfer, Or, 11 miles, V212 1935/9; Denied abandonment, V212 1935/398; Duarte to Rivas, Cal. .6 miles, V217 1936/473; Altree to Yaquin, Ore, 7 miles, V221 1937/211; Abandon branch, V221 1937/101; Abandon branch V221 1937/767; Tonopah Jct, Nev. to Benton, Cal., V224 1937/291; Tonopah Jct. to Tonopah, 76 miles and Mound House Br, 26 miles, V199 1993/255; Caruthers to Hardwick, Ca, 11 miles, V228 1938/159; Narbor to Gray, 4 miles, Cal, V230 1938/375; Patagom to Flux, Az, 3 miles, V233 1938/601; Buchli to West Napa, Ca, 6 miles and .5 miles in Los Alamitos, Ca, V233 1938/697, 699; McKittrick to Oly, Cal, 2 miles, V236 1939/733; Peters to Miulton, Cal, 11 miles, V239 1940/170; Chino to Ontario, Cal, 5 miles, V239 1940/763; 9th St. line in Berkley, 3.7 miles, V242 1940/283; Perna Jct. to Perna, 15 miles, Cal, V242 1940/723; Los Gatos to Olympia, Ca, 15 miles, V242 1940/484; Burro Mountain RR, V193 1933/758; Porterfield North Eastern RR, V193 1933/647; Colorado to Potholes, Cal 12 miles, Imperial Co, Cal. V244 1940/159; Central Pac. Ry Reading to Delta and build new line between them because of dam V244 1940/213; Yuba City to Maryville, Cal. .7 mil V244 1940/543 Esparto to Copay, Cal. 2. mi Yolo Co V244 1940/681; Toledo Br., .3 miles at Toledo, Or V247 1941/307; Success to Clanicle, Cal. 5.8 miles V247 1941/405; Coalinga to Crump, o.8 mi., Fresno, Cal. V249 1941/615; Lawrence to Valeton, NM 6.4 mi. V.252 1942/35; Gates to Idanha, Or 2.6 mi, V267 1946-48/278' ; In Reading, Ore. .6 mi V271 1948-49/531; Abandon Dawson RR Roy to French 45 miles V295 1955-58/199 & revoke 273; In Cochise Co, Az and Hidalgo, Grant, Lima & Dona Ana Counties, NM V312 1960-62/685; Alta Mesa - Simla, Cal V317 1962-63/645 & V320 1963/278; Shiner - Kenedy, Tx V317 1962-63/489; Shriner to Kenedy, Tx V320 1963/38; Hazen - Fallon, Nev. V354 1977-78/752; Bonita Jct. to Segoville, Tx V363 1980-81/105;

Southern Pacific Terminal Co.: Valuation, V36, V47;

Spokane & British Columbia Ry: Abandon, V67 1921/ 384; Valuation, V108

Spokane & Eastern Ry: Abandon part and acquisition Spokane, Coeur d'Alene & Palouse Ry, V124 1927/355

Spokane, Coeur d'Alene & Palouse Ry: Part abandon and part acquired by Spokane & Eastern Ry, V124 1927/355; Abandon Liberty Lake Jct to Liberty Lake, V138 1928/722; Abandon lines in Spokane Co, V138 1928/618; Abandon certain lines, V154 1929/556; Abandon Hayden Lakle segment in Kootenai Co, Id, V170 1930/790; Abandon V239 1940/761

Spokane International Ry: Valuation, V110; Reorganization, V221 1937/230 & V224 1937/315 & V228 1938/387 & V233 1938/157 & V236 1939/45, 714,718; Abandon Coeur d'A & P.d'O Ry, V230 1938/389; Reorganization V247 1941/525;

Spokane Portland & Seattle RR: Merged to form Great Northern Pacific RR, V162 1930/37; Acquire logging RR line of Chas. R. McCormick Lbr. Co, Ore., V180 1931/265; Valuation, V41

Springfield & Havana & Peoria RR: Acquired by Chi. & Ill. Midland Ry, V105 19235/459, 567

Springfield Suburban Ry: Acquired by Pa. RR and Erie RR V275 1949-51/455

Springfield Terminal RR (Vt): Acquired by Boston & Maine RR, V166 1930/90

Springfield Terminal Ry (Ill.): Valuation, V114; Abandon, V202 1934/162

Sprucemont Nevada RR: Construction Ventosa to Sprucemont, Elko County, V158 1929/795

Staley System of Electrified Ry: New line construction in Ariz, N.M., Colo., and Cal., V82 1923/820

Stanley Merrill & Phillips Ry: Valuation, V108; Lease of part of line to Wis. Central and Soo Line, V79 1923/33; Abandonment of part of line in Chippewa, Clark, & Taylor Co's, Wis, V90 1924/407; Abandon, V170 1930/793; Abandon, V193 1933/457

State of Alabama: Mobile port trackage construction, V105 1925/673

State University RR: Valuation, V37

Staten Island Rapid Transit Ry: Valuation, V42; Abandon Tottenville ferry to Perth Amboy, NJ V271 1948-49/217

Statenville Ry: Abandon line in Echols Co, Ga., V90 1924/546

Statesboro RR; Acquisition by Ga&Fl, V154 1929/536

Statesboro Northern Ry: Acquired by Ga. & Fl. RR, V117 1926/473, 513 & V90 1924/413, 703

Steelton & Highspire RR: Valuation, V43

Stephenville North & South Texas Ry: Acquired by SLSW RR, V154 1929/595; Abandon V199 1933/233; Reorganization V.249 1941/5 & V.252 1942/325

Sterling Mountain Ry: Valuation, V119

Stewartstown RR: Acquire New Park & Fawn Grove RR, V99 1925/450; Valuation, V106

Stockton Terminal & Eastern RR: Valuation, V119; Reconstruction Finance Corp. loan, V187 1931/114

Stone Harbor RR: Acquired by Atlantic City RR, V184 1932/179 & V212 1935/776

Stoney Creek RR: Valuation, V32

Strasburg RR: Valuation, V119

Strouds Creek & Muddelty RR (B&O) Construction V247 1941/147;

Sugar Land Ry: Extension in Fort Bend County, Tx, V158 1929/444; Abandon Fort Bend and Brazoria Co's, V184 1932/141

Sugar Pine Ry: Abandon, V70 1921/478

Sullivan County RR: Valuation, V30

Sumpter Valley RR: Abandon part, V175 1931/13; Abandon in Grant County, V184 1932/253; Reconstruction Finance Corp. loan, V189 1932/38 & V193 1933/572 & V202 1934/637; Valuation, V141; Operation V212 1935/667

Sumter & Choctaw Ry: Valuation, V110

Suncook Valley RR: Acquisition and operation of line in N.H., V94 1924/688 & V212 1935/667; Valuation, V30

Sunset Ry: Valuation, V130; Abandon, V230 1938/297

Superior & Southeastern RY; Operation of lime in Ashland and Sawyer Co's, Wis, V86 1923/403; Operation in Sawyer C'ty, Wis, V82 1923/214 ; Abandon line in Bayfield and Ashland Co's, Wis, V105 1925/289; Acquire logging lines of Edward Hines Hardwood and Hemlock Co, Wis, V138 1928/445; Abandon V199 1933/315

Susquehanna & New York RR: Valuation, V135; Acquisition of Tionesta Valley by lease denied, V94 1924/39; Acquisition of Tionesta Valley Ry, V105 1925/570; Abandon V.252 1942/81;

Susquehanna River & Western RR: Abandon, V166 1930/648; Take over Newport & Shermans Valley RR, V70 1921/825; Valuation, V119; Abandon V233 1938/ 239

Sylvania Central Ry: Valuation, V103

Tabor & Northern Ry: Valuation, V108; Abandon V199 1933/773

Tacoma Eastern RR: Valuation, V44

Talbotton RR: Valuation, V108

Tallulah Falls Ry: Valuation, V84; Abandon branch, V193 1933/689

Tamaqua Hazelton & Northern RR: Valuation, V32

Tampa & Gulf Coast RR: Acquired by S.A.L., V145 1922/314; Valuation, V35

Tampa & Jacksonville Ry: Acquisition by Jacksonville, Gainesville & Gulf Ry, V124 1927/623; Valuation, V108

Tampa Northern RR: Acquired by S.A.L., V145 1928/311; Valuation, V35

Tampa Southern RR: Extend line in Sarasota Manatee & Desoto Co's Fl, V99 1925/159

Tampa Union Station Co: Valuation, V35

Tavares & Gulf RR: Valuation, V35

Tennessee RR: Valuation, V119; Authorized to build a branch, V65 1920/654

Tennessee & Carolina Southern Ry: Abandon, V184/1932/223; Valuation, V37; Abandon, V202 1934/719

Tennessee & North Carolina Ry: Acquisition of Smokey Mountain RR, V124 1927/523 & V170 1930/716; Acquire line in Cherokee and Clay Co's, NC, V138 1928/797; Valuation, V106; Acquire line Newport to Waterville, V67 1921/779; Abandon, V224 1937/181

Tennessee, Alabama & Georgia RR: Valuation, V110 : construct extension in Etowah & St. Clair Co's, Ala, V876 1922/593

Tennessee Central RR: Valuation, V135; Reconstruction Finance Corp. loan, V187 1931/293 & V207 1935/657 & V212 1935/733 & V217 1936/689 & V239 1940/4, 300 & V242 1940/193; Abandon V334 1968/235 & V333 1968/443; ;

Tennessee Kentucky & Northern RR: Valuation, V119

Tennga RR: Acquire and extend line in Polk County, Tn and Murray and Fannin Co's, Ga., V150 1928/395

Terminal Railroad Association of St. Louis, Valuation, V38; Acquire St. Louis Merchants Bridge Terminal Ry, East St. Louis Conn. Ry, and St. Louis Transfer Ry, V99 1925 /698; Construction of tracks leading to Municipal Bridge in East St. Louis and East St. Louis Union Station, V166 1930/754
Terminal Railway Alabama State Docks, Valuation, V46
Texarkana & Fort Smith Ry: Acquired by K.C.S., V105 1925/523; Valuation, V75,84; Abandon V.249 1941/563
Texas & Gulf Ry: Acquisition by Gulf, Colorado & Santa Fe V131 1927/747;
Texas & New Orleans RR: Valuation, V36,47; Acquire line in Lafourche Parish and extend, V145 1928/799; Acquire Franklin & Abbeville Ry, V117 1926/504; Acquire Galveston, Harrisburg & San Antonio Ry, V117 1926/504; Acquire Lake Charles & Northern RR and Louisiana Western RR, V117 1926/504; Acquire Texas State RR, V154 1929/359; Houma Br. extension, Terrebonne Parish, V158 1929/335; Extension in Lafourche Parish, V166 1930/86; Operation, V189 1932/184; Proposed construction, V189 1932/147; Construct, V202 1934/215; Acquisition, V202 1934/769; Merge into SP V312 1960-62/598 & 147
Abandonments: in Tyler and Jasper Co's, V111 1926/272 & V131 1927/1; branch in McLennan Co, Tx, V150 1928/791; branch in Matagorda Co, Tx, V175 1931/763; part Beaumont to Sabine Br, Jefferson Co, Tx, V175 1931/613; branch, V193 1933/605; Lenore to Sunrise, La, 33 miles, V199 1933/685; 3 lines, V202 1934/207, 238, 249; Eunice to Mamore, La, 9 miles, V207 1935/239; l mile at Ennis, Tx, V207 1935/599; Erath to Clesne, 3 miles and to Gary Switch, 1.7 miles and to Barba, La, 1 mile, V224 1937/280; Lenora to Sunrise, La. 30 miles, V224 1937/509; Clausen to S. Bend, La., 8 miles, V228 1938/729; Luling to Lockhard, Tex 15 mi V.252 1942/37; Arenandville to Leonville, La. 57 mi V307 1958-60/132; See also S.P.
Texas & Pacific Ry: Valuation, V29; Abandon Midland & Northwestern Ry line, Tx, V99 1925/460 & V111 1926/389; New line Shreveport to Gas Center, La, V117 1926/391; Acquisition of Abilene & Southern Ry, V124 1927/369; Acquisition Pecos Valley Southern Ry, V124 1927/749; Acquisition of Cisco & Northeastern Ry, V117 1926/447; Acquire Texas Short Iine Ry, V150 1928/604; Proposed construction in about 14 Texas counties denied, V184 1932/55; Reconstruction Finance Corp. loan, V189 1932/690 & V236 1939/517; Abandon Thurber 6 miles, V212 1935/125; Abandon .6 mile at Reisor, La., V212 1935/359; Abandon Donaldsville to Ratliff, La 12 miles, V221 1937/608; Abandon, 2 miles in Shreveport, V224 1937/589; Abandon Torras to Ferriday, La, 78 miles, V239 1940/755; Abandon Mingus to Thurber, Tx. 2.9 miles V249 1941/671; Discontinue trains #225 & 226 Longview Tx to Texarkana, Ark. V307 1958-60/259; Merger Mo. Pac., C.&E.I. RR V348 1975-77/414 & V354 1977-78/763; Disc. #21 & 22 V336 1969/123; Abandon San Martyine - Rock House, Tx V363 1980-81/666;
Texas City Terminal Co.: Valuation, V149; Take over Texas City Transportation Co., V67 1921/787; Reconstruction Finance Corp. loan, V242 1940/777
Texas Electric Ry: Abandon part, V242 1940/765
Texas Mexican Ry Co: Valuation, V114; Operation of San Diego & Gulf Ry, V158 1929/557; Abandon V230 1938/767
Texas Midland RR: Acquisition by Southern Pacific and T&NO, V138 1928/205; Valuation, V75&84; Construct extension, V67 1921/445; Abandon, V193 1933/511
Texas New Mexico Ry: Acquired by T&P RR, V145 1928/639; Construction in Ward & Winkler Counties, Tx, V145 1928/211; Extension Lea County, NM, V158 1929/277
Texas Oklahoma & Eastern RR: ; Reconstruction Finance Corp. loan, V184 1932/483 & V187 1931/111; Operate newly built line, V67 1921/484; Valuation, V108
Texas Panhandle & Gulf RR: New line Seymour, Tx to Tucumcari, NM and Perrin to Ft. Worth, V117 1926/233
Texas Short Line RR: Acquired by T&P Rt, V150 1928/604; Extension in Van Zandt County, V162 1930/237; Valuation, V108
Texas South Eastern RR: Valuation, V130; Reconstruction Finance Corp. loan, V184 1932/375 & V202 1934/189
Texas State RR: Valuation, V34&47; Acquired by T&NORR, V154 1929/359
The Dalles & Southern RR: Abandon, V207 1935/715; Reconstruction Finance Corp. loan, V184 1932/385;
Thornton & Alexandria Ry: Abandon Thosnton to Hampton, Ark, V138 1928/416, 483; Valuation, V108
Tidewater Southern Ry: Valuation, V46
Tionesta Valley RR: Lease of RR by Susq. & N.Y. RR denied, V94 1924/39; Acquire Clarion River RR, V117 1926/517; Lease by Susquehanna & New York RR, V105 1925 570; Valuation, V130; Abandon, V207 1935/553 & V212 1935/255; Abandon V.249 1941/521;
Tipton RR: Valuation, V110
Tittabawassee RR: Proposed construction, V180 1932/563
Toledo & Cincinnati RR (B&O): Extension in Butler County, V131 1927/186; Abandon, V202 1934/743, 747 & V221 1937/159;
Toledo & Indiana RR: Abandon, V233 1938/681
Toledo & Ohio Central Ry (NYC): Valuation, V28; Abandon Peoria to Bellefontaine, Oh, V224 1937/55; Abandon two branches, V230 1938/459 & 481
Toledo & Western Ry: Abandon V193 1933/239 & V207 1935/9;
Toledo Angola & Western Ry: Valuation, V11; Reconstruction Finance Corp. loan, V189 1932/293
Toledo Detroit RR: Abandon part, V154 1929/444; Acquired by Det. Tol. & Iron., V175 1931/731
Toledo Peoria & Western RR: Reorganization, V124 1927/181, 707; Track connection to AT&SF, V124 1927/278; Construction connecting tracks in Peoria County and extension in Tazewell County, V162 1930/100; Valuation, V23
Toledo Saginaw & Muskegon Ry: Valuation, V143
Toledo St. Louis & Western RR: Valuation, V141
Toledo Terminal RR: Valuation, V31
Tonopah & Goldfield RR: Abandon cut-off Main Line Jct. to McSweeney Jct, Nev, V131 1927/465; Reconstruction Finance Corp. loan, V189 1932/737; Valuation, V133
Tonopah & Tidewater RR: Valuation, V121; Abandon, V193 1933/307 & V236 1939/265 & V240 1940/145
Tooele Valley Ry: Valuation, V110
Townsville RR ; Reconstruction Finance Corp. loan, V189 1932/55; Abandon, V193 1933/739
Trans Florida Central RR: Acquisition by Fellsmere RR, V124 1927/366, 745
Trans Mississippi Terminal RR: Valuation, V31
Tremont & Gulf Ry: Construction in Grant and LaSalle Parishes, V111 1926/134; Valuation, V108
Trenton Princeton Traction Co: Acquisition by Reading Ry, V166 1930/141; Abandon, V242 1940/45
Trinity & Brazos Valley Ry: Valuation, V149
Trinity Valley & Northern Ry: Abandon Lumm District line, Libery County, V154 1929/179; Construct line in Liberty County, Tx, V170 1930/623; Abandon V189 1932/411; Valuation, V108
Trinity Valley Southern RR: Valuation, V108; Abandon V217 1936/53
Trona Ry: Valuation, V43
Troy Union RR: Valuation, V133
Tuckaseegee & Southeastern Ry: Acquire a new line in Jackson County, NC, V71 1922/818; Valuation, V43
Tuckerton RR: Excess income, V175 1931/318; Reconstruction Finance Corp. loan, V187 1931/609; Valuation, V108; Abandon V212 1935/304; Abandon Phila. & Beach Haven RR, V212 1935/395;
Tucson Cornelia & Gila Bend RR: Valuation, V119
Tug River & Kentucky RR: Valuation, V108; Acquisition by N&W RR, V65 1920/757
Tulsa Sapulpa Union RR: Abandon and construct V324 1965-66/666;
Tuscarora Valley RR: Valuation, V2119; Abandon V202 1934/97
Tuskegee RR: Construction of extension in Macon Co, Ala, V90 1924/591; Valuation, V125
Twin Branch RR: Acquisition line and extension in St. Joseph County, Ind, V117 1926/165; Valuation, V45
Twin City RR: Operate line in Washington State, V175 1931/198
Tylerdale Connecting RR: Valuation, V42
Uintah Ry: Construct an extension in Uintah Co., Utah, V71 1922/858; Valuation, V141; construct extension, V67 1921/612; Abandon, V233 1938/42
Ulster & Delaware RR: Acquired by N. Y. C. RR, V175 1931/65
Unadilla Valley Ry: Valuation, V121
Union RR (Pittsburgh): Valuation, V34
Union Ry (Memphis): Valuation, V40
Union & Glenn Springs RR: Valuation, V121
Union Deport Co. (Columbus, Oh): Valuation, V110
Union Freight RR: Valuation, V84
Union Pacific RR (See also Oregon Short Line, Oregon-Washington RR & Nav. Co, Los Angeles and Salt Lake RR): Branch construction in Goshen Co, Wyo, V105 1925/260 & 512; New line construction Lyman and Gering Branches, Scotts Bluff Co, Neb, V111 1926/109; Construct branch in Larimer Co, Co, V117 1926/28; Extension of Lyman Br in Scotts Bluff Co, Neb, V124 1927/485; Extension branch in Goshen and Laramie Co's, Wyo, V138 1928/67; Operate its Ontario Industrial Spur in Summit and Wasatch Counties, Utah, V111 1926/684; Operation of line in Wyandotte Co, Ks, V145 1928/404; Unification, V189 1932/357; Valuation, V44; Authorized to construct near Haig, Neb. 30 miles thru Scott Bluff toward Wyo., V65 1920/382; Line extension in Larminer Co., Colo V86 1923/380; Discontinue pass. train Ogden to Los A. V320 1963/493; Disc. #17 & 18 V333 1968/348; Disc. #5 & 6 V333 1968/413; Disc. #35 & 36 V333 1968/182; Contract with Utah Box Elder County V334 1968/267; Disc. #35 & 36 V338 1970-71/50;
Abandonments: Proposed abandon, V189 1932/195; Knox to Clay Center, Ks, 143 miles, Lawrenceburg to Belleville, Ks, 19 miles, V202 1934/319; Abandonment, V207 1935/279; part of North Platte Br., Neb, 32 miles, V228 1938/540; Grass Creek Br, Utah, 6 miles, V233 1938/639; Jct. City to Conoida, Ks V320 1963/624; Fish Lake - Spokane V347 1967-74/313; Abandon Firth - Ammon, Id V354 1977-78/76, 854;
Union Passenger Depot Co. of Galveston: Valuation, V119
Union Point & White Plains RR: Valuation, V103
Union Railroad of Oregon: Acquisition of part of Central RR of Ore from Union Jct to Union, V138 1928/457; Union Jct. to Union acquired by Central RR of Ore., V138 1928/457
Union Stock Yards Co. of Omaha: Valuation, V31
Union Terminal Co (Dallas): Valuation, V130
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United Ry (Ore): (Oregon Electric Ry) Valuation, V46; Relocate line in Multnomah County, Oreg, V175 1931/358; Authorized to abandon line, V65 1920/728; Line from Wilkesboro to Linnton, 19 miles, acquired by Portland, Astoria & Pacific RR, V65 1920/731; Abandon Portland to Greenburg & Garden Home to Beaverton, 13 miles V244 1940/559 & V247 1941/334;
Unity Rys: Valuation, V143; Construct 1/4 miles near New Yexas Road to Pa. RR extension of Plum Creek Br., Pa. V247 1941/6658
Upper Merion & Plymouth RR: Acquisition of Rainey Wood Coke Co. tracks in Swedeland, Pa., V166 1930/351; Valuation, V133
Ursina & North Fork Ry: Valuation, V119; Abandon V212 1935/477
Utah RR ; See also Utah Terminal Ry; Valuation, V141; Acquire National Coal Ry, V105 1925/639; Excess income, V189 1932/371

Utah Central RR : New line construction in Carbon and Emery Co's, Ut, V76 1922/737
Utah Idaho Central Ry: Receivership, V236 1939/235; Reconstruction Finance Corp. loan, V240 1940/315 & V242 1940/29; Acquisition, V240 1940/229;
Utah Terminal RR ; New line construction in Carbon Co, Ut, V79 1923/187
Uvalde & Northern Ry: Valuation, V43; Construct a line, V67 1921/204, 554; Reconstruction Finance Corp. loan, V184 1932/434 & V187 1931/347; Abandon V244 1940/658
Valley & Siletz RR: Extension in Polk C'o., Or, V86 1923/563; Valuation, V43
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Vandalia RR: Valuation, V24
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Ventura County Ry: Valuation, V43; Abandon, V207 1935/331 & V212 1935/263; Abandon V230 1938/727 & V236 1939/717, 721
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Vicksburg Bridge & Terminal Co: Operation, V189 1932/478; Reconstruction Finance Corp. loan, V189 1932/533; See Yazoo & Mississippi River RR
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Virginia Blue Ridge Ry: Valuation, V110; Abandon part V236 1939/411
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Virginia Central RR: Abandon, V224 1937/249
Virginia Southern RR: Abandon, V180 1931/504; Valuation, V108
Virginian Ry: N&W RR denied to acquire, V117 1926/67; Extension in Wyoming Co, WV, V86 1923/27; Extension by bridge across Kanawha River in Fayette County, WV, V162 1930/552; Valuation, V141; Construction V217 1936/719; Construction Crib City 8 miles up Guyandotte Creek, V228 1938/138; construction Ocean to Brushy Fork, 11 miles, WV, V230 1938/749; Purchase V240 1940/706; Merger into N&W Ry V307 1958-60/401
Virginian & Western Ry: Line construction in Wyoming and Mingo Counties, Itmann to C&O at Gilbert, 40 miles and Guyandotte & Tug River RR, WV, V145 1928/167, 665
Visalia Electric RR: Acquisition of Chowchilla Pacific RR, V86 1923/674; Chowchilla Br leased to S.P., V145 1928/695; Abandon V224 1937/781 & V230 1938/293
Wabash RR: Acquires Ann Arbor RR, V105 1925/43; Reconstruction Finance Corp. loan, V180 1931/467 & V184 1932/453 & V187 1931/195 & V233 1938/115 & V189 1932/124 & V193 1933/15 & V202 1934/690 & V236 1939/452 & V240 1940/165; Abandon Clayton to Camp Point, Il, V189 1932/81; Attica to Covington, Ind, 15 mi, V189 1932/91; Abandon K.C., Excelsior Springs & Nor. Ry, V193 1933/407; Valuation, V40; Abandon Albia to Hamilton, Ia, 11 miles, V199 1933/659; Abandon Shumway to Altamont, Il, 10 miles, V202 1934/212; Abandon Steewardson to Effingham, Il, 13 miles, V217 1936/723; Abandon Stewardson to Effingham, Il, 13 miles, V221 1937/222; Abandon at Maryville, Mo, V224 1937/785; Abandon Sullivan to Stewartstown, 24 miles, V230 1938/116; Abandon Salisbury to Glasgow, Mo, 15 miles, V239 1940/206; Receivership V247 1941/353, 489, 581 & V.249 1941/790; Abandon Salisbury to Glasgow, Mo. 15 mi. V.252 1942/1; Receivership V.252 1942/510, 611; Discontinue ##11 & 14 Moberly, Mo to Des Moines, Ia. V307 1958-60/352; NKP, N&W, P&WV & Wab. merger V334 1965-66/1-151 & V330 1967/780-881 & V347 1967-74/506 & V363 1980-81/270; Abandon denied . Montpelier, Oh. to Wakarusa, Ind V366 1981-83/820, 896;;
Wabash Chester & Western RR: Acquisition by Chester & Mount Vernon RR, Il, V138 1928/313; Acquisition by M.P., V138 1928/313; Valuation, V121
Waco Beaumont Trinity & Sabine Ry: Acquisition of line in Trinity, Polk & Tyler Co's, Tx, V82 1923/30; Belt line construction at Beaumont, and extension from there to West Port Arthur, Tx, V94 1924/591; & V105 1925/223 & V124 2700/769; Extension Livingston to Port Arthur and Weldon to Waco, V124 1927/769; Construction V193 1933/168; Abandon, V217 1936/521; Construction V254 1942-44/327;
Wadley Southern Ry: Part abandon, V166 1930/453; Valuation, V103
Walla Walla Valley Ry: Branch line construction in Umatilla Co, Ore., V86 1923/521
Ware Shoals RR: Valuation, V108
Warren & Ouachita Valley Ry: Valuation, V108
Warren Central RR: Construct line in Harris County, Tx, V175 1931/139
Warren Johnsville & Saline River RR: Valuation, V108
Warrenton RR: Valuation, V119
Warrior River Terminal Co: Extension in Jefferson County, Ala, V111 1926/651; Operation, V111 1926/398
Washington & Choctaw Ry: Abandonment, V124 2700/673
Washington & Lincolnton RR: Abandon V184 1932/639; Valuation, V121
Washington & Old Dominion Ry: Abandon part V202 1934/197; Abandon V207 1935/25 & V212 1935/313; Abandon Purcelville to Bluemont, Va, 7 miles, V230 1938/521; Abandon all V331 1967/587
Washington & Vandemere RR: Acquired by A.C.L. V124 1927/307; Valuation, V121
Washington Baltimore & Annapolis Electric Ry: B&O RR discontinues use of, V170 1930/152
Washington Brandywine & Point Lookout RR: Abandon V242 1940/181
Washington Idaho & Montana Ry: Valuation, V97
Washington Potomac & Chesapeake Ry: Valuation, V106
Washington Run RR: Abandon, V170 1930/261; Excess income, V184 1932/151; Valuation V125
Washington Southern Ry: Valuation, V31
Washington Terminal Co: Valuation, V35
Washington Western Ry: Abandon, V154 1929/663; Valuation, V116
Watertown & Sioux Falls Ry: Valuation, V125
Waterville Ry: Valuation, V43
Waukegon, Rockford & Elgin Traction Co: Valuation, V110
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Waycross & Southern RR: Abandon Hebardville to Hopkins, V150 1928/779; Valuation, V121
Waycross & Western RR: Abandon Waycross to Cogsdell, Ga, V105 1925/146
Waynesburg & Washington RR: Valuation, V121
Weatherford Mineral Wells & Northwestern Ry: Valuation, V29; Abandon, V212 1935/363; Abandon V.249 1941/248
Wellington & Powellsville RR: Valuation, V114
Wellsville Addison & Galeton RR: Abandonment denied Wellsville to Galeton V338 1970-71/604; Abandon Wellsville to Galeton V342 1968-73/622; Abandon all V354 1977-78/247, 744;
Wenatchee Southern Ry: construction new line Chelan, Kittitis and Benton Co's, Wash., V90 1924/237; New line construction in Chelan, Kittitas & Benton Co's, Wash. V94 1924/673 & V99 1925/349 &V105 1925/347 & V150 1928/386
West Clarion RR: Partial abandonment in Jefferson Co, Pa., V94 1924/420
West Coast Ry: Purchased by South Georgia Ry, V82 1923/723
West Jersey & Seashore RR:(See also Penna. RR) Abandon branch, V193 1933/183; Valuation, V22; Abandon Alloway Jct. to Quinton, 4.2 miles V249 1941/349
West Pittston Exeter RR: New line, West Pittston to Exeter, Pa, 4 miles, V111 1926/626-635 & V117 1926/315; Valuation, V46
West River RR ; Abandoned by Central Vermont Ry, V162 1930/517; Acquired by Brattleboro & Whitehall RR, V162 1929/517; Valuation, V30; Abandon, V212 1935/175
West Shore RR (NYC): Abandon Cazenovia to Earlville, NY, 23 miles, V221 1937/493
West Side Belt RR: Acquisition by Pitts.&W.V., V150 1928/81; Purchase by Pitts.&W.V.RR, V76 1922/663; Valuation, V36; P.&W.V.Ry authorized to acquire, V65 1920/124; Taken over by Pitts. & W. Va. Ry, V67 1921/786; Acquired by P&WV Ry, V71 1922/68
West Tulsa Belt Ry: Valuation, V41
West Virginia Midland RR: Valuation, V121; Acquisition and extension in Braxton and Webster Co's, V105 1925/151; V117 1926/347 & V99 1925/13; Abandon, V166 1930/512 & V175 1931/751
West Virginia Northern RR: Acquisition of a Branch line and extension thereof in Preston Co, W.Va. V72 1922/821; Valuation, V110
Western Allegheny RR: Acquired by Pennsylvania RR, V105 1925/499; Valuation, V121; Abandon V233 1938/7
Western Arizona Ry: Abandon, V193 1933/145
Western Maryland Ry: Acquisition Greenbrier Cheat & Elk RR, V131 1927/525 & V138 1927/122; Abandon part of branch in York Co, Pa. V150 1928/613; Acquisition of Chaffee RR, V158 1929/163; Abandon part Weaver Br in Barbour & Randolph Co's, WV, V170 1930/165; Valuation, V32; Abandon Valley Jct to Codorus, 1 miles, Pa., V199 1933/375; Abandon Emoryville to Hartsmanville, WV 3 miles, V202 1934/67; Abandon Emoryville to Elk Garden, WV, 3.4 mi, WV, V202 1934/85; Abandon Charlton, Md to Nessle Jct, WV, 3 miles, V221 1937/445; Abandon Narrow Park to Midland, Md, 13 miles, V233 1938/237; Abandon Elkins Jct. to Norton, WV, 6 miles, V240 1940/733; Abandon Oakmont to Emeryville, Mineral Co, 2.3 miles WV V244 1940/47;
Western Pacific Ry: Valuation, V29; Construct Bushwell to Bidwell Bay, 2 miles, V67 1921/135; Acquires Sacramento Northern RR, V71 1922/653; Branch construction in San Joaquin County, Ca, V124 2700/466, 567 & V154 1929/330, 763; Acquisition part control Central Calif. Traction Co, V131 1927/540; Extension in Elko County, Nev, V138 1928/779; Acquisition Sacramento Northern RR, V99 1925/382; Construction of lines in five California counties, V162 1930/5; New line in Plumas and Lassen Co's, Ca, and with GN line in Modoc and Siskiyou Counties V166 1930/3; Extension in San Fran., San Mateo & Alameda Co's, V170 1930/183; Reconstruction Finance Corp. loan, V180 1931/645 & V184 1932/699 & V189 1932/575 & V228 1938/632 & V236 1939/257 & V242 1940/583; Abandonment, passenger service Oakland to pier, 2.4 miles and San Francisco ferry, V189 1932/695; Reorganization, V207 1935/793 & V230 1938/61 & V233 1938/409 & V236 1939/1 & V240 1940/206; Abandon Calpine to Calpine Jct, Cal, 13 miles, V240 1940/731 Abandon Gulling Jct. to 1.4 miles, Cal., V240 1940/135; Reorganization V261 1945-46/14; Discontinue pass. trains #17 & 18 V330 1967577 & V333 1968/525; & V336 1969/691;
Western Railway of Alabama, Valuation, V29; Discontinue trains 37 & 38 V336 1969/286; Disc. trains 33 & 34 V330 1967/133;
Westfield RR: Reorganized as Casey & Kansas RR, V154 1929/657; Valuation, V43
Wharton & Northern RR: Acquisition by C.N.J., V158 1929/691; Valuation, V133; Abandon part V221 1937/765
Wheeling & Lake Erie RR: Abandon Ontario St. Sta and some track in Cleveland, V154 1929/516; Part of line acquired by Massillon Belt Ry, V150 1928/717; Valuation, V31; Abandon Carrollton to Sherrodsville, Ia, 10 miles, V217 1936/145; Abandon .6 mile at Cleveland, V240 1940/163; Operate 2 miles Steubenville to Follansbe, WV over steel company V261 1945-46/453; Sold to NYC&StL V267 1946-48/163, 203; Abandon 1.5 mi Massillon Br. V295 1955-58/1;
Wheeling Terminal Ry: Valuation, V23
White River RR: Reorganization, V166 1930 341; Reconstruction Finance Corp. loan, V184 1932/345; Valuation, V108; Abandon, V202 1934/393

White Sulphur Springs & Yellowstone Park RR: Acquisition by Milwaukee RR, V131 1927/673; Valuation, V121
Wichita & Midland Valley RR: Reorganized as Midland Valley RR, V150 1928/584
Wichita Falls & Northwestern Ry: Valuation, V34
Wichita Falls & Oklahoma RR ; Construct new RR in Jefferson Co., Ok and Clay Co, Tex
Wichita Falls & Southern RR: Reorganization, V131 1927/117; Reconstruction Finance Corp. loan, V184 1932/400 & V187 1931/109 & V207 1935/618 & V221 1937/707 & V224 1937/161, 420 & V228 1938/380; Valuation, V44; Construct extension, V67 1921/184; Abandon and sell RR to CRI&P RR who will operate most of it. V290 1953-55/303
Wichita Northwestern Ry: Construct extension in Rush Co, Ks, V71 1922/42; Abandon, V242 1940/613
Wichita Union Terminal Ry: Valuation, V125
Wichita Valley Ry: Valuation, V134
Wildwood & Delaware Bay Short Line RR: Valuation, V135
Wilkes Barre & Eastern RR: Abandonment Kingston to Wilkes Barre, 1 mile. Track previously removed, V111 1926/67; Valuation, V33; Abandon Susquehanna Connecting RR, V217 1936/563; Reorganization, V230 1938/269, 769; Abandon, V230 1938/537
Wilkes Barre Connecting RR: Valuation, V116
Willamette Valley & Coast RR: Valuation, V108; Abandon, V230 1938/128
Williams Valley RR: Valuation, V32
Williamsport & North Branch RR: Valuation, V121; Reconstruction Finance Corp. loan, V187 1931/415; Abandon V224 1937/451
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Winchester & Wardensville RR: Reorganization of W. & Western RR, V162 1930/544; Abandon, V202 1934/401
Winchester & Western RR: Valuation, V43
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Winifrede RR: Valuation, V43
Winona Bridge Ry: Valuation, V141
Winston Salem Southbound Ry: Valuation, V75,84; Control by N&W Ry V363 1980-81/518;
Winston Salem Terminal Co: Valuation, V45
Wiscasset Waterville & Farmington Ry: Abandon, V166 1930/616; Valuation, V108
Wisconsin & Michigan RR; Branch line extension and partial main line abandonment in Dickinson County, Mich., V94 1924/245; Reconstruction Finance Corp. loan, V184 1932/475; Valuation, V141; Authorized to restore line in Mich., V65 1920/476; Abandon V224 1937/443
Wisconsin & Northern RR: Valuation, V143; Acquired by MSP&SSM, V70 1921/31
Wisconsin Central RR; Reconstruction Finance Corp. loan, V180 1931/603; Valuation, V143; Abandon, V193 1933/427; Abandon Abbottsford to Curtis, Wis, V199 1933/749; Abandon Lugar Jct. to Lugerville, Wis, 5 miles, V217 1936/755; Abandon Owen to Curtis, Wis, 7 miles, V228 1938/521; Abandon Cylon Jct. to Glen., Wis, 12 miles, V239 1940/747; Receivership V244 1940/413, 417 & V.252 1942/108; & V267 1946-48/423 & V282 1951-53/393, 567 & V295 1955-58/169;
Wisconsin Northwestern Ry: Abandon V70 1921/51
Wood River Branch, Valuation, V84
Woodstock & Blocton Ry: Valuation, V37
Woodstock RR: Abandon, V189 1932/19; Valuation, V108
Woodworth & Louisiana Central Ry: Abandonment, V111 1926/718; Valuation, V135
Wrightsville & Tennille RR: Valuation, V97; Reconstruction Finance Corp. loan, V184 1932/248; Abandon and acquisition, V242 1940/89; Abandon V244 1940/718; Acquired by Cent. of Ga. RR: V338 1970-71/353;
Wyandotte Southern RR: Valuation, V97
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Wyoming & Northwestern Ry: Valuation, V137
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Yazoo & Mississippi Valley RR (IC): Abandon Minter City Southern & Western RR, V189 1932/179; Acquire Ala. & Vicksburg, V111 1926/161; Discontinue transfer boats of La. & Miss. River RR Transfer Co. and use new bridge to Vicksburg, V154 1929/412; Abandon Sunflower & Eastern Ry in Miss., V166 1930/575; Abandon Helm & Northwestern RR, V170 1930/33; Abandon line in Bolivar and Sunflower Counties, Miss, V175 1931/656; Valuation, V45; Abandon branches, V193 1933/718 & V202 1934/777 & V224 1937/193 & V236 1939/201; Abandon from 2 miles south of Greenville depot, Hampton to Riverside Jct 36 miles and Glemn Allen Br. 2 miles V244 1940163; Abandon Holly Bluff to Spanish Fort, Miss. 4.7 miles V249 1949/561; Abandon Leland to Yeager, Miss, 16 miles V249 1941/613
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JOURNAL OF RAILROAD CAR HEATING, LIGHTING AND VENTILATING 1890 - 1891
RAILROAD CAR JOURNAL 1891 - 1900
RAILROAD DIGEST 1901 - 1902

This monthly magazine was published in New York City beginning in September 1890. After the first volume the name was changed, and it no longer specialized in heating and ventilating. Until photography, c. 1891, most car illustrations did not show car numbers. This magazine had many foreign cars, but their design had little or no affect on American car design.

In 1894 the magazine became the publication of the Master Car Builders Association (besides their annual *Proceedings*). It reduced car coverage and dramatically increasde the number of pictures of members of the association and their activities.

In Jan. 1901 it diversified somewhat to include locomotives and changed its name, but was unsuccessful and discontinued publication without notice Jan. 1902. I indexed only illustrated articles

UNITED STATES AND CANADIAN RAILROADS

Atchison Topeka & Santa Fe RR; Ballast car 12-92/43;

Atlanta & West Point RR: diner 4-96/71;

Auburn & Rochester RR: Coach of 1842, 2-95/25

Baltimore & Ohio: "Royal Blue" train 12-91/38 & 2-92/74; Wreck at Republic Oh in 1887 & Washington DC in 1887 pix. 8-93/304 + insert; 34' car for lumber 2-93/92-94; Pass. coach #550, 2-93/95; 54' mail storage car 2-93/98; Coach and combination cars for Royal Blue service, 3-93/124; Dining car "Brevoort", 9-93/328-330; Side dump car, 6-94/116-118; Pass. car development from 1833 including Winan's 8 wheel car c.1840 to present - 6 stages of design, 9-94/197 & 1-95/4; R.P. O. car 8-95/1741176; Wreck at Washington 8-17-87, 8-93/304; Mail storage car 2-98/98; Combination car 2-97/38-40;

Baltimore & Ohio Southwestern RR: Business car "Virginia" 5-97/116-119;

Boston & Albany RR: 4 wheel dump car 6-93/234-235; R.P.O. car 6-94/106-107; 25 ton capacity wrecking crane 6-95/112; Car paint shop at Alton, Mass 5-99/131-132;

Boston & Maine RR: Wreck at Bradford, Ma in 1-88, 8-93/304; Coach 1-96/16-17; Air brake inst. car 8-97/238-239; Concord shop floor plan 5-98/113-115; Cabooses 12-00/342-348;

Boston & Providence wreck at Bussy Bridge on 3-14-87, 8-93/304

Boston & Worcester RR: "LaMothe" iron car 1859, 2-95/25

Buffalo Rochester & Pittsburgh RR: Double hopper gondola car 1-93/74 + insert; Cafe car #76 & coach #48 12 & RPO #16 12-99/360-363, 366-368; Cafe car #91 3-00/64, 66, 69-72;

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Calumet & Blue Island RR: 30 ton hopper bottom coal car 8-93/292-293;

Camden & Amboy RR: Wreck of 8-29-55 at Burlington, NJ killing 21 people 8-93/301;

Canadian Pacific Ry: Pass. car 3-93/133; Interior of 1st class coach 1-95/19; Wreck at Graham in 3-1890, 8-93/304; Coach #434 9-98/262-263; Sleeper 11-98/338-340;

Central RR of New Jersey: Club car 12-93/401; Coach 1-96/12;

Chesapeake & Ohio RR: Ballast cars 10-92/12; Wreck at White Sulphur Springs on 12-28-89, 8-93/304; Gondola car 1-96/6-7; Hopper car 5-97/112-114;

Chicago & Alton RR: Hopper car #26,0006-01/229;

Chicago & Eastern Illinois RR: Gondola car 1-98/6-7

Chicago & North Western RR: Smoking and baggage car 8-92/188; 50 ton, 6 wheel truck flat car 9-94/195;

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Chicago Indianapolis & Louisville RR: Wreck at Crawfordsville on 1-11-92, 8-93/304;

Chicago Milwaukee & St. Paul RR: Drawing room car (parlor) 8-92/189; Drawing room car "Richwood" and "Deleven" 10-92/8; 30 ton box car 7-93/258; Lighting and heating tender to supply steam heat and dynamo for car lighting, #L 1. 8-93/318; Caboose 12-00/342-348;

Chicago Rock Island & Pacific RR: Gondola car 9-92/216-217 2-4-2 5-01/182-183;

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Cleveland Cincinnati Chicago & St. Louis RR: Caboose #195 9-94/190-191; Box car 11-97/333-335;

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Erie RR: Meadville loco. shop interior 6-97/172; Horse express car 10-99/325;

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Grand Trunk Ry: Wreck at St. George, Ont. on 2-27-89, 3-93/304;

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Illinois Central RR: Chicago World's Far car 9-92/219; Car trucks for 30 ton cars 11-92/31; Special pass. cars for Exposition traffic 12-92/50-51 + insert; suburban coach design 5-93/178-180; Furniture box car 1-97/12-13; Business car "Marian" 6-97/138-143; Comb. baggage, cafe & parlor car for "Daylight Special" 2-98/38-39;

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Manhattan Elevated RR: Cars 1-99/12-13

Missouri Kansas & Texas RR: 30 ton coal gondola car 4-95/68-70;

Missouri Pacific RR: Chair car 4-93/160-162; 30 ton box car #12914 6-93/226-227; Pneumatic dump car 3-97/68-69

Naaugatuck RR: First vestibule train (1853) 11-91/18-19

New England RR: Steam car 11-97/342-343

New York & Brooklyn Bridge RR: Pass. car trucks 12-95/280;

New York Central RR: Agner compartment sleeping car 1-91/52135' box car 5-93/174-175; Pass. car & combination car at Columbian Expo 1-94/9 + insert; Wm. Buchanon, Supt. of Motive Power bio 5-99/128-129; 4-4-2 3-01/96-98; 4 wheel caboose 12-00/342-348; #947 4-4-0 1-01/8-9;

New York Chicago & St. Louis RR: Silver Creek, NY wreck on 9-14-86, 8-93/304;

New York Lake Erie & Western RR: Poling car 12-94/266-267;

New York New Haven & Hartford RR: Rear end collision in tunnel with N.Y.C. 3-91/74-77; Leland car heater 10-91/10-12; Pelhamville wreck on 12-26-85, 8-93/304; Gond. car #1600 2-98/32-33; Box car #20573 8-00/220-221;

New York Ontario & Western RR: Std. baggage car 3-94/40;

New York Susquehanna & Western RR: New shops at North Paterson 3-93/123;

Norfolk & Southern RR: Steel flat car #354 2-94/20-23; cast steel frt. care truck 11-95/250-251;

Norfolk & Western RR: Coach 4-94/64 + insert; 30 ton box car 3-96/56-57 + insert; 50 ton wood hopper car 6-99/146-148;

Northern Pacific RR: 4 and 6 wheel std. car trucks 2-93/110; Std. frt. car truck 5-93/186; Fargo wreck on 7-7-90, 8-93/304; 35 ton box car 3-01/104-105;

Old Colony RR: Quincy wreck on 8-19-90, 8-93/304;

Pennsylvania RR: Steam heating pass. trains from the loco. 12-90/35-36; Krupp gun car 5-93/180-181; Bay window parlor car 11-93/372; 35 ton wood hopper car 5-95/184-185 & 35 ton hopper car #1979 11-95/261; Sleeping and parlor cars 1-96/13; 4-6-0 of 1853 #77 11-01/415;

Philadelphia & Reading RR: New Phila. terminal 12-31/39-40; Std. frt. car truck 1-93/71-72; 4 wheel cabooses 6-95/134; Wreck at Greenville, Pa on 1-30-85, 8-93/304; 30 ton hopper bottom gondola 5-96/90-91; "Alexander" business car 4-97/86-89;

Pittsburgh & Lake Erie RR: Box car #8699 8-98/247

Pittsburgh & Western RR: Frt. car truck of Anderson 6-94/105;

Pittsburgh Bessemer & Lake Erie RR: 50 ton steel hopper 3-97/62-66 & 8-97/228-231.
Pittsburgh Cincinnati Chicago & St. Louis RR: Business car #38 4-97/91-93 & floor plan 6-97/159
Pittsburgh Youngstown and Akron RR (Pa. lines west) 35 ton hopper car #1979 11-95/261;
Rio Grande Western Ry: Director's car "Nomad" interior view 12-94/264;
Rockaway Valley RR: and John E. V. Melick promoter 2-92/81;
Sacramento Valley RR: early days recalled 6-98/136, 138
Saint Louis Southwestern RR: Ditching car & ditching 6-96/120-121
San Francisco cable cars 4-92/118
South Carolina RR: Fruit car #6201 5-93/195; Iron clad pass. car 7-93/254;
Southern Pacific RR: 42' 35 ton box car 2-96/38-40
Texas Midland RR: President's private car 12-96/294-295
Toledo Peoria & Warsaw (Western) RR: Chatsworth, Il. wreck 8-10-87, 8-93/304;
Troy & Greenfield RR: Wreck on 4-7-86, 8-93/304;
Union Pacific RR: firing all shop employees over age 60 5-98/120
Vandalia RR: 8 wheel dump car 12-96/296-297
Wabash RR: 30 ton coal cars 4-93/162-164; Gould pass. car vestibules 11-94/242; Cafe parlor car interior 12-94/264; 60 ton flat car with four trucks 11-95/261; 40 ton coal gondola 8-99/236-237
Western New York & Pennsylvania RR: Steam heating cars from loco. 1-91/48-49
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Brooklyn Elevated Ry: Car #01 6-00/158-159;
Chicago Elevated Ry: Cars 8-92/189-190;
Fairhaven & Westville Electric Ry car #127, 6-95/124-125;
Fairmont Park Transportation Co: tower car #100 2-98/36

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Argentina: Gt. Western Ry sleeping car 6-93/224-225 + insert
Australia: Tasmania Mt. Lyell Mining & Ry Co gondola, flat & box cars 4-98/90-94
Austria: Imperial train 8-93/313-316 & 6-94/114-115;
Belgium: Pass. cars 1-96/9-15; Pass. cars 5-96/95; Gondola, Box & stock cars 11-96/271-275 & 12-96/289-292; Flat car 5-00/115-119;
Brazil: Magyana Ry pass. car 9-00/250-251;
Cuba: Train operation 5-99/122-123
Egypt: Summer carriage for viceroy, 1858, 3-93/121;
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Great Western Ry: Bogie car truck 2-95/33-34; 1st class carriage 1846, 8-93/293; pass. car 5-96/97;
Leicaster & Swanington Ry: Pass. car of 1832-1833 4-94/65;
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London & South Western RR: Lavatory carriage 4-99/88-94
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South Eastern Ry: Drawing room car #30 built by Gilbert in the U.S. 11-31/20-21
Taff Vale Ry: 6-93/228-229
Hungary: Royal dining car 10-92/5; wreck on 3-1877, 8-93/304;
India: Pass. car for an Indian prince 12-92/44; Midland Ry iron cattle and box car 6-93/229, 237; private saloon car 1-94/6-9;
Ireland: Great Northern Ry wreck in June 1889, 8-93/304;
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South Africa: DeBeer's Diamond mines business car 7-97/138-139
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LOCOMOTIVE ENGINEER 1888 - 1891
LOCOMOTIVE ENGINEERING 1892 - 1900
RAILWAY AND LOCOMOTIVE ENGINEERING 1901 - 1928

Locomotive Engineering originated in 1888 by John A. Hill as somewhat of a spin-off of *American Machinist.* Until 1888 the only information available for railroad operating people concerning locomotives and cars was several books. Rapid changes in railroading inspired the need for a magazine written for master mechanics, master car builders, and road foremen of engines. The magazine described new advances, such as the air brake, and devoted_many pages to developments and answering questions of readers. There was also railroad humor and some fiction. It was probably the best U. S. publication giving information on foreign railroads.

Late in 1891 Angus Sinclair bought part ownership and broadened its scope on locomotive technical matters and foreign locomotive news. The name was changed to *Locomotive Engineering,* With gradual broadening of subject matter, it became *Railway and Locomotive Engineering* in 1901. Without prior announcement it ceased publication with the June 1928 issue.

Mr. Sinclair was somewhat of a maverick. He frequently inserted his personal viewpoints into articles and editorials which the_more formal railroad trade journals dared not do. In the early 1900s the magazine had 48 pages of editorial material. One of the reasons locomotive engineers and roundhouse foremen subscribed was the inclusion of question and answer help and jokes and other extraneous material to lighten the contents. By 1910 these had been eliminated; the editorial pages declined to 32 pages. Considerable space was devoted to air brakes of interest to air brake instructors and master mechanics.

The numerous locomotive citations in this index are usually a photo plus specifications appearing on the reverse side of a builders photograph issued by the manufacturer. Few mention what the locomotives were intended for or other possibly interesting information.

A history of the magazine appeared in the January, 1908 issue on the 20th anniversary.

The bound volumes of the magazine had annual indexes, but they varied considerably in completeness and were intended for the current readers and not for a historian. I have not indexed current problems and improvements of the day such as concerns on components of air brakes or compound locomotives. For those interested in such matters, I list the most discussed themes for each year. By thumbing thru the pages for that year, you may find items of interest which I did not index.

1888-91 The magazine was floundering around as to specializing in anything.
1892 Foreign locomotives appear and increase shop coverage
1893 Extensive discussions on compound locomotives, air brakes on freight cars and trains, Chicago World's Fair, early signaling
1894 Angle cocks for train line, fast train running, coppersmithing, boiler designing, shop tools
1895 Boiler making
1896 Air for operating shop tools.
1897 Air for operating shop tool and cranes (prior to use of electricity
1898 Compound locomotives
1899 Compound locomotives, smoke prevention, pooling of locomotives
1900 Handling of air brakes on long trains; pros and cons of double heading freights, setting of valves on locos.
1901-02 Every month had article on progress on British_Rys with some French material.
1903 on For many years it followed a basic format of information for aspiring firemen and engineers, shop men and their immediate management. Locomotives (mostly reproducing builder photos and the statistics pertaining to the loco.) and freight cars, air brakes, some signaling, shop tools, equipment suppliers predominated. In 1905-06 period a goodly amount appeared on electric versus steam traction because of the NYC-NYNH&H electrification work. The magazine also included patents and photos of unidentified wrecks. Sinclair liked wreck pictures.
1908-1912 & later Shop apprentice programs
mid 1920-1928s Electrification of steam railroads, motor trucks and buses

The magazine also was read by the railroad buffs prior to organized railroad historical groups. Published letters and photos circa 1905 appeared from Fred Jukes, Charles and Herbert Fisher, Hugh Boutell, Robert Schmied., Arthur Curren, Charles Chaney, John W. Merrill, Paul T. Warner

The index shows month - year or just year of publication and / page number. An * indicated it is illustrated.

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Alabama Great Southern RR: #188, 4-6-0, 8-05/363, 364;
Alabama Midland Ry: #221, 4-6-0, 99/116, 123
Alaska RR: Construction and shops 2-20/41-43;
Alaska Central RR: Construction progress, 7-06/328;
Albany & Schenectady RR: "Brother Jonathan" loco. fast run 1847, 93/271;
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Chicago & Western Indiana RR: #102 2-6-2T 43-05/119; #105 2-6-0 4-05/181; Lima built 0-8-0 1-12/13; #11 2-6-0 4-13/130; #213 2-6-0 6-14/209; Hopper car #850 8-23/257;
Chicago, Burlington & Quincy RR: Big labor strike, 2-89/8 & 6-89/9;April 1896 washout on Holdrege Br. in Wyo., 96/601; Slow plowing in Wyo., 97/365; Chicago-Minneapolis night train new equipment, 97/649; Unusual use of locos. on trains #48 & 49, Rock Island to St. Louis, 98/321-322; Fast mail to Omaha, 99/149; opens Alliance, Neb. to Brush, Colo. line, 00/423; pass. train, 02/10; dining cars, 02/487; #78,000 drop bottom gond. 6-08/264-265; Dining car interior 7-16/223; Gondola #179,870 1-18/6;
Locomotives: Replaces 2-6-0s for 4-4-0s for heavy pass. trains, 93/248; tests of compound vs simple locos., 93/159; #550, 4-4-0, at Chicago Worlds Fair, 93/291; #590, 2-4-2, 95/748-9; #590, 2-4-2 rbt., 97/290; Comparison 2-4-2 and 2-6-0 in pass. service, 97/423: #1591, 4-4-2 & train, 00/497; 15 new 2-6-0 pass. locos, 00/10; #1580 4-4-2 4-03/165; #1701 2-6-2 1-0421; #1919 2-8-0 7-04/327; #2700 4 cyl. compound 10-04/465 &11-04/515-516; #1950 2-6-2 3-05/115; #2900 4-6-2 6-10/251; #6000 2-10-2 5-12/163; #1369 0-6-0 2-09/63; #1548 0-6-0 7-13/249-250; #6109 2-10-2 9-14/336-337; #2951 4-6-2 & #5305 2-8-2 8-15/262-264; #6145 2-10-2 & #5330 2-8-2 & #5060 2-8-2 9-17/282-283; #2969 4-6-2 & #5075 2-8-2 8-18/248-249;
Chicago Clinton & Western RR: history & photo #1, 4-4-0 2-09/76;
Chicago Great Western RR: Steel tender frame, 99/10; #235, 4-6-0, 00/352; #264, 2-6-2, 02/199-201; to double track 100 miles, 02/95; Express & buffet car #142 3-04/138-139; Winston terminal east of Dubuque 2-05/05; Interior Oelwein shop 4-09/169; #503 4-6-0 & 338 2-8-0 3-10/120-121; Converts 2-6-2 to 2-6-6-2 11-10/454; #929 4-6-2 2-14/59-60; #465 0-6-0 11-15/368; Rebuilding of the CGW 9-16/290-291; #716 2-8-2 7-16/229; #478 0-6-0 2-17/41; 2 car motor train M205-M206 9-23/271-273;
Chicago, Hammond & Western RR: #109, 4-6-0, 97/610;
Chicago, Indianapolis & Louisville RR: #111, 4-4-0, 97/619-620; spark arrester, 99/527; #351 4-6-2 2-06/79; Water treatment plant at Lafayette, 7-07/adv. 1;
Chicago Milwaukee & Puget Sound RR: #4004 4-6-0 5-09/205-206; Opened to Hoquiam 9-10/385;
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Chicago, Rock Island & Pacific RR: Chicago shop, 2-91/31-33; Fatal suburban train wreck due to drunkeness, 11-89/8; installing Hall signals Chicago to Joliet, 93/255; Wreck preventable by block signals, 93/521; Chicago & Horton, Kans, shops, 96/13-16; "Rocky Mtn. Ltd." inaugerated, 98/415; Engine crew captures large eagle in flight 4-06/147; Steam motor car #2552 210-08/419-421; "Golden State Ltd." 8-09/329-330 & 4-12/117-118; Silvis shops, 12-09/522-523, 544-546 & 1-10/10; Gas el. car #900 5-27/139;
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Cincinnati, New Orleans & Texas Pacific RR: Rhode Island 4-4-0., 10-89/1-2; "New Orleans Ltd.", 97/809-810; Smokeless firing & "Queen & Crescent Ltd," 99/365-366; vestibule hood on tender of #548, 00/288; #638, 2-8-0, 02/489; Oakdale, Tn. coal & sand station, 00/31; instructing new trainmen, 02/162-163; staff signal system, 02/164; #615 2-8-0 3-04/105-106; Staff signal system 2-05/51-54; #807 8-11/361; Pass. car shop at Chattanooga 4-15/132; Smoke duct at engine terminals 11-20/315-316;

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Coalville & Eastern RR: #4 4-4-0 2-09/57;

Colorado & North Western RR: 98/546-549;

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Florida East Coast Ry: description, 00/267-8; St. Augustine shop, 00/134; Key West Extension 3-08/93-96; Long Key viaduct 1-12/3; 5-15/172-173;
Fort Worth & Denver RR: #405 2-8-2 8-15/262-264;
fort smith & Western RR: #26 2-8-2 12-17/402
Fremont, Elkhorn & Missouri Valley RR: track photo, 93/342; "Muley Cow", 4-4-0, 94/66; loco. in snow, 95/350;
Gainesville Midland RR: widened gauge 4-14/122;
Galveston Harrisburg & San Antonio RR: 4-10/138;
Galveston, Houston & Henderson RR: #85 2-6-0 10-07/468;
Galveston, Houston & San Antonio RR: Pecos River Viaduct drawing, 93/474 Mallet performance 12-10/488;
Georges Creek & Cumberland RR #3 2-8-0 7-08/285;
Georgia RR: #62 4-6-0 3-05/135-136; #301 2-8-2 5-15/156-157;
Georgia & Alabama RR: #125, 4-4-0, 97/743;
Georgia Coast & Piedmont RR: #99 0-4-0 gasoline loco 5-14/197;
Georgia Southern & Florida RR: Extension smoke box, 96/61;
Grand Central Terminal RR: #1, 0-6-0, 96/407; Tunnel wrecker #1 7-14/26;
Grand Rapids and Indiana RR: #69, 4-6-0, 99/378-379;
Grand Trunk Ry: Montreal shops, 1-91/13-14; Air brake instruction car, #81, 97/842-845; New Niagara Falls bridge, 97/345-346; Toronto air operated turntable, 99/101; "Scotch "block signal at Toronto, 99/102; Head-on collision, 99/258; Portable white washing plant, 92/225-226; Roller bearings on pass. cars 8-03/386; Victoria Jubilee bridge at Montreal 6-05/251; Car ferry Port Hope to Rochester, 3-06/140 &12-07/544: Hopper car #73590 5-08/218; Car ferry "Ontario" on Rochester to Cobourg run 8-08/328&; R.P.O. car wood #22 9-08/376; "International Ltd." 12-08/511-513; Pass. train with #325 10-09/421-422; St. Clair River Tunnel 1-10/1-3; Battle Creek shops 3-10/91-94; Pass. tr. photo in Me 4-12/121; Steel frame box car #26399 & wood body box #32989 12-13/449;

Locomotives: 5 stds. types 10-92/361; #909, 2-6-0, 98/286-287; #999, 4-6-0, 98/411; #948, 2-6-0, 01/203; #977 4-6-0 9-03/429; #969 2-6-0 11-03/523; "Trevathick" 4-4-0 10-06/450; #1222 2-6-0 1-08/7; #1713 0-6-0 5-12/166; #500 2-8-2 7-13/233; #113 4-6-2 10-13/348; #1544 4-6-4T 3-15/82;

Grand Trunk Pacific RR: #202 2-6-0 10-09/429; Under construction description 2-12/41-42;
Grand Trunk Western Ry: notes 01/211;
Great Northern Ry: Train on Pacific extension, 93/123,125; opening to Puget Sound, 93/301; wreck caused by lack of air brakes, 93/25; Hillard, Wash. new shop, 93/539; Spokane Shops & engine terminal/yard, 94/134; Air brake instruction car #337, 96/914-917; Opening of 4 new branches in Minnesota & N. D., 97/851; Solid vestibuled train w/#663, 4-6-0, 97/704-707; 57' long box car for St.Paul-Minneapolis transfer service, 98/521; G.N. Steamship Co. organized, 00/416; freight transfer box cars, 00/142; train buried in snow four days, 02/224; Dissolution of Northern Securities Co, 5-03/218-219; Train robbery 11-05/491; Shop gantry crane 1-09/1-2; Silk trains 1-12/1-2; "Oriental Ltd." with brief RR description 12-12/433-434; Gas cars on steam railroads, car #?, 11-23/350-351; Electrification 11-26/313-315; Gas el. car #2344 6-28/155;

Locomotives: #100, 4-8-0, 98/52-54; #150, 4-6-0 98/491-493; Tests of #154, 98/496; #499, 2-8-0 tandem compound, 93/510; #371, 2-6-0, 96/894; #650, 4-6-0, at Chicago Worlds Fair, 93/403; #1150, 2-8-0, 02/1; #1164, 2-8-0, 02/101-3; Smokebox arrangement, 98/76;#1150 2-8-0 9-04/405; #1520 2-6-2 9-06/405; #1800 2-6-6-2 10-06/472-475; #1918 with power reverse gear 7-08/322; #5001 elect. loco 3-09/95-96; #2009 2-8-8-0 10-12/361; #3087 2-8-2 & #810 0-8-0 12-18/378-379; #3246 2-8-2 3-21/61; #2031` 2-8-8-2 8-25/223-224; El. loco. performance 2-27/52-54; El. loco #5004 7-22/191-192;
Great Western Ry (of Canada): Loco. "Scotia", first with steel boiler, 2-92/40;
Green Bay & Western RR: Backhead of #7, 99/401
Greenbrier & Eastern RR #1 2-8-2 2-22/42-43;
Greenwich Street Elevated RR (New York City), 97/818;
Greenwood Lake RR: Mention 96/369;
Gulf Mobile & Ohio RR: #251 2-10-0 2-24/35-36;
Hackensack & New York RR: "Hackensack" 4-2-0, 94/5;
Hancock and Calumet RR: 95/70-71, 73;
Hartford & New Haven RR: First user of extended smoke box, 96/495, 614;
Hecla and Torch Lake RR: 95/70, 72;
Hoboken Shore RR: Electric loco., 98/112; #3 el. loco 8-10/333;
Hocking Valley RR: Air brake instruction car 12-03/553-555;
Housatonic RR: Loco. "Housatonic", 4-4-0, 98/552; Julius B. Hawley, early engineer, 98/412; Samuel Nicholson, loco. eng'r retires, 00/49;
Houston & Texas Central RR: Air brake instruction car, 99/267-268; burning lignite coal, 00/193;
Houston East & West Texas RR: Briefly described 6-92/191;
Hudson River RR: "Superior", 4-4-0, 98/507;
Huntingdon & Broad Top Mtn. RR: steel ties, 01/308; #35 4-6-0 & #33 2-8-0 11-21/297;
Idaho & Washington Northern RR: #15 4-6-0 8-08/358; #31 4-4-2 2-10/52;
Idaho Northern: #200 4-4-0 8-09/347;
Illinois Central RR: Chicago shops 3-91/52-53; Hall signals between Chicago terminal and Worlds Fair grounds, 93,235; Worlds Fair service, 95/518-519; rock ballast quarry in southern Ill. 93/441; Elevated station platforms, 96/388; Burnside shop, 96/462-463; D. H. Brown's balanced slide valve, 96/856; 60,000# box car, 97/559-560; Express freight train w. #452, 2-6-0, 97/810; New parlor-cafe car, 98/14: Louisville roundhouse, 00/47; concrete bridges, 01/468; telephone in cab, 02/448; putting discarded box cars back into service, 02/448; cost comparisons of different frt. locos., 02/166-7; Side door suburban cars 11-03/524-525 & 12-03/543 & 2-05/86-87 & 3-06/126-127; Wreck crane #X-40 5-08/219; Private business car 6-12/195: Gas el. car 11-14/415; Box car #171,500 2-15/60; Electric suburban operation begun 8-26/239-240; Results of electrification 1-28/25-26;

Locomotives: #1, 4-6-0, 99/11-12, 17; #64, 4-6-0, 01/247; #622, 2-8-0, at Worlds Fair, 93/292; #639, 2-8-0, 00/1; #640, 4-8-0, 99/477; #961, 4-4-0, 97/6-9; #1001, 2-6-2, 02/235, 261, 267; #1005 4-4-2 6-03/282; 687 2-8-0 8-03/349; #4 4-4-0 4-10/140; #1621 2-8-2 9-11/401-402; #218 0-6-0 3-13/111; #1502 2-8-2 7-14/243;

Indiana & Illinois Southern Ry: Late pass. train 10-03/449; #3508 0-8-0 8-21/226; #7000 2-8-4 12-26/339-340;
Indianapolis, Decatur & Springfield RR: Extended smoke boxes, 96/496-498;
Intercolonial Ry: #168 Vauclain compound, 98/57; #?, 4-4-0, 98/195; New loco., 99/188; #250, 2-8-0, 01/341; Original Moncton roundhouse 2-05/62; Steam car 1-08/44; Pass. motor car #223 3-08/131; "Maritime Express" with #69 7-08/277-279; "Ocean Ltd." & Moncton station 4-13/121-122; Steel underframe baggage cars #2803 12-16/406; Box car #260,000 5-17/154-155;
International & Great Northern Ry: #255, 4-6-0, 01/515; Galveston causeway 8-13/269;
Inverness Ry & Coal Co. (Cape Breton) 2-8-0 12-03/540;
Iowa Central RR: #200 2-6-0 11-08/468-469; New locos lined up with #226 at front 10-09/435;
Jacksonville, Tampa & Key West RR: Description,& new equipment 5-92/151;
Jay Street Terminal RR: 300 hp diesel el. loco. 4-26/102-103;
Jeffersonville RR: "James Guthrie" loco., 98/274-277;
Jeffersonville, Madison & Indianapolis RR: "Reuban Wells" 7-06/313; Early locos 10-08/425-426;
Kansas City & Westport Belt Ry #1, B-B electric 3-07/127;
Kansas City, Fort Scott & Memphis RR: Discipline of employees, 95/717; #37, 4-4-0, 99/541;
Kansas City, Memphis & Birmingham Ry: Mississippi RR bridge, 93/437; Kansas City shop, 93/394
Kansas City, Pittsburgh & Gulf RR: #365, 4-6-0 at Omaha Exposition, 98/371; Wreck of #104 in mud, 99/510;
Kansas Pacific RR: Loco. #51 buried in sand 5-22-77 and never recovered, 5-91/93;

Kentucky & Indiana Bridge Co: local pass. service, 93/423;
Kentucky & Tennessee RR: #7 2-8-2 6-08/268;
Kings County (New York City) Elevated RR: 98/257-265;
Lake Champlain & Moriah RR #16 2-8-2 7-06/307;
Lake Erie & Western RR: Air brake instruction car #127, 99/269-271; Shop storage bldg formerly B&O RR #1 sleeping car in the west, 9-03/402; Lake of the Bays Ry: 10-06/484 & 11-06/526
Lake Erie Franklin & Clarion RR: #992-8-0 4-14/145;
Lake Shore & Michigan Southern RR: Hamburg fatal wreck from break-in two, 4-90/64-65; 25 ton side dump car, 11-92/403; Instituting 20 hour N.Y.-Chicago train, 93/195; 5 locos ordered for 20 hour train NY-Chicago, 93/205, train described 93/325-326; #699, 4-4-0 handled 20 hr. train, 93/305, 307, 309; A. M. Watts six wheel truck brake gear, 93/457; sand car, 95/106; #564, 4-6-0, fast running, 95/700, 751; 73 mph run of 86 miles, 96/36; 116 miles in 100 minutes run, 99/479; Train #3 fast run with 4-6-0, 00/32-33; Elkhart shop apprentice program, 01/193; Collingwood shop, 02/467-9; 6 door coal gondola, 02/510; pass. car truck, 02/516; Fremont, Oh. water softening plant 3-05/141; 75 ton flat #11646 11-07/494; Brief description 11-13/383; g, Oh. shops 11-14/391-392;
Locomotives: #596, 4-6-0 compound, 12-92/425-427; #107, 4-6-0, 97/54; #136, 4-4-0, 93/338;#368, 0-6-0, 02/450; #450, 2-4-0, 99/440; #601, 4-6-0, at Chicago Worlds Fair, 93/396; #613, 4-6-0, 00/472; #712, 2-8-0, 00/145; #660 2-6-2 & #613 4-6-0 7-03/327; Insp. loco. #30 4-4-0 9-03/402; #1000 2-8-0 1-04/31-32; #695 2-6-2 10-04/440; #4598 0-10-0 9-05/399; #4008 2-8-2 6-13/200;
Lake Street Elevated RR: track and locos, 94/85;
Lake Superior & Ishpeming RR: #4, 2-8-0, 96/753; #19 2-8-0 6-16/188;
Lake Terminal RR: #3, 0-4-0T, 99/327; 66' long gondola, 00/455. 56. 58; #20 0-6-6-0 7-12/238; #32 0-8-0 2-17/40-42;
Lehigh & Hudson River RR: #62 2-8-0 2-09/54; #93 2-8-0 9-25/254-255; #73 2-8-2 5-16/164-165;
Lehigh & Mahoning RR: first 2-8-0, 93/49
Lehigh & New England: Rbt. #7 2-8-0 11-05/503; #113 0-8-0 6-14/220; #115 0-8-0 9-15/312; #301 2-8-0 1-23/8;
Lehigh Valley RR: Mud Run wreck, 11-88/11; Enlarging Wilkes Barre shop, 12-88/9; Stock car #89644, 5-92/165; snow bucking wreck, 93/54; wreck caused by strike replacement engineer, 94/1, 7; electrically operated semaphore signal of J. W. Lattig, Supt. of Telegraph, 95/334-5; Operating trains of coal jimmies, 96/994; Black Diamond Express, 96/456-457, 97/2, 4, Fast run Sayre to Buffalo, 99/385, 516; Interior photos of Black Diamond cars, 99/92-94; Box car on top of loco, 96/247, Installing Hall signals for 186 miles, 96/64; RR operations & photo #664, 4-4-2, 99/321-322; 4 Pullman cars, 99/62; Elimination of coal jimmies, 99/298; Sayre shop, 99/555-556;
Track laid across Communipaw Ave, Jersey City, 00/6; New cars for Black Diamond, 00/137, 280, 323; signaling completed to Buffalo, 02/56; Observation train for Cayuga Lake boat races 3-05/101; New Sayre shop 9-05/406-407; Hopper car #23627 8-06/384; "Black Diamond" 12-07/5325-526; Terra cotta station 6-10/270; To have telephone connection to train by hooking on telephone line 7-10/275;Installs banjo signals at South Plainfield grade crossing protection - first such installation July or Aug 1910 between pages 276 & 318; #2475 4-4-2 handling tr. #4 Buffalo to J.C., 446 miles on test 9-11/387; Description of RR 5-12/157-158; Newark Bay trestle destroyed by fire 9-13/317; On time frt. train performance 7-15/264; Burning a mix of soft and hard coal 4-18/117; Unloading ore at Claremont, NJ 2-25/33-34; Gas el. cars 1-27/4-6;
Locomotives: "Bee" 2-10-0, 5-89/1-2; #310 2-8-0 3-92/73; "W. A. Lathrop" #443, 11-89/1; #7 "Albert Lewis" center cab with Belpaire narrow firebox, 9-90/161-162 & 10-90/188; "Dorothy" inspection loco. #300, 94/188; "Janus" 0-6-6-0 & "White Haven" 4-6-0, 00/535-6; old #158, 4-6-0, 97/749, 824-825; #383, 4-4-0 Strong Loco rbt., 96/893; #681, 2-8-0, 98/540; Strong loco, 4-6-2, 98/372-373; first decapod, 98/28; #668, 4-4-2, 96/814-818; #668, 4-4-2 on Black Diamond, 96/814-818; #1102, 2-8-0, 02/485; #1211, 2-8-0, 01/249; #1017 4-6-0 11-04/495; #1622 4-6-0 10-05/437-438; #471 "Audenreid" 4-4-0 6-06/283; Loco. history 1-07/30-32, 36-37 & 3-07/107-108: #27 0-6-0 3-07/132; David Clark's new valve gear, 4-88/3; New type Wootten firebox, 1-89/2; #1599 4-6-0 8-10/319-320; #900 2-8-0 9-10/370; #217 4-6-0 9-10/370; #2416 4-6-2 5-11/197; #2479 4-4-2 performance 11-13/384-385; #2102 4-6-2 & #4000 2-10-2 5-17/146-147; #2143 4-6-2 6-19/164; #2143 4-6-2 welded firebox and combustion chamber 6-23/171;#5000 3 cyl. 4-8-2 2-24/40-41; Tests of #5000 4-24/103-105, 116-117; #5000 6-26/153-154;
Leiper's RR (Pa.) First tram in the U.S. 4-08/176;
Lime Rock RR: Train & trestle 2-06/72 & 3-06/124'
Lockport & Niagara Falls RR: Reminiscences of, 94/101
Long Island RR: Morris Park shop eliminating compartment type pass. cars, 94/132; Hospital car #117, 97/771-774; Pass. car truck springing, 97/428; New pass. cars, 98/146; Murphey's 60 mph bike ride, 99/358; early loco. operation, 00/440; Hospital car 12-04/562, 566; Expanding Richmond Hill shops 11-05/486; Box car #3308 12-08/542; M.U. train operation upgraded 11-10/467-468 & 12-10/511-512;
Locomotives: Unique cab, 9-88/4-5; #113 loco. boiler explosion, 10-91/183; tests comparing #145, a compound, and #138, a simple loco., 94/123 ; #153, 2-8-0, 99/159-160; #154 2-8-0 8-03/371; #22 2-6-2T 9-04/397; 100 ton diesel for Bushwick terminal 11-25/328-329; #401 diesel 1-26/23-24; #223 4-4-0 10-26/296-297; #403 diesel 6-28/162-165;
Lookout Mountain RR: 02/445;
Los Angeles & San Diego Beach Ry: 9-09/382-383;
Louisiana & Arkansas RR: #271 4-6-2 6-23/191;
Louisiana Ry. & Nav. Co.: #9 2-8-0 & #92 4-6-0 11-13/408-409; #95 4-6-0 7-15/235;
Louisiana Southern RR: 2 car gas motor train #41 3-24/96;
Louisville & Nashville RR Leeds tender truck, 00/110; new shop, 00/102; Air dump car #41601 6-27/183;
Locomotives: : #37, 4-6-0, 95/747; Extended smoke box, 1882, 96/496-497; #500, 4-6-0 at Nashville Exposition, 97/541; Glass smokebox engine numbers, 97/684; loco. pilot with folding drawbar, 97/468a; #912, 2-8-0, 00/83; #963, 2-8-0, 02/366; #269 4-6-0 3-04/103; #18 4-4-0 & #199 4-6-2 & Marble Creek Viaduct, description of RR 6-13/197-199;
Louisville, Evansville & St. Louis RR: Princeton shop, 00/379;
Louisville, Henderson & St. Louis RR: Electrically driven inspection car, 00/107;
Louisville, New Albany & Chicago RR: Worst shop in the west, 96/508
Mad River & Lake Erie RR: Early locos 2-08/59;
Madison & Indianapolis :RR Brakes on the incline, 97/185; first cog loco (1857), 01/271;
Maine Central RR track pans, 98/47; "Flying Yankee" 8-06/361; "Arthur Servall" 4-4-0 7-12/235; Line to White Mtns of N.H. 11-14/393;
Manitou & Pikes Peak Ry: "Pikes Peak" loco, 2-91/21-23; 93/41; Baldwin compound, 93/361; article 98/497-500; new rack loco., 01/408; NEW LOCO 11-06/527; TRAIN WITH #2 1-07/21 & #4 2-07/94,95; 7-11/286; 8-15/255;
Manufacturers Street Ry: (Ct.) Buys first electric frt. loco. 96/821
Maricopa & Phoenix RR: #2 4-6-0 2-09/57;
Marquette Houghton & Ontonagon RR: Vertical boiler loco used at mine and 1890s ore car 2-10/90;
Maryland & Delaware RR: Difficulties of getting a loco. from Eliizabethport, N.J., 5-07/202;
Maryland & Delaware Coast Ry: 2 car gasoline motor train 7-24/195-196;
McCloud River RR; Duplex 0-6-6-0, 00/270; #18 2-8-2 6-15/208-209;
Metropolitan Ry: (Imperial Lbr. Co. of Toronto) electric loco, B-B, 00/111;
Michigan Central Ry: Jackson, Mich Oct. 1893 rear end collision, 93/485; Air brake instruction car, 98/157-159; Detroit River tunnel construction 6-07/265 & 9-07/411-412; & 11-07/495; Apprentice program at Jackson shops 11-07/515; Detroit tunnel tubes being sunk 208/78-79;
Locomotives: "Persian" 4-4-0, 99/199; #195. 4-4-0, 99/199-200; #459, 4-6-0, 01/175; #549, 4-6-0, 01/23; #480 4-4-2 1-03/24; #480 4-4-2 5-04/199-200; #499 4-6-2 9-04/419; #611 2-8-0 2-05/87-88: #8450 4-6-2 7-08/284; #8082 0-4-0 109/13l #8421 4-6-2 1-10/30; #8000 2-8-2 8-22/199-201 & predecessor super power 9-22/227-230;
Michigan Southern & Northern Indiana RR: 1857 pass, 93/327
Midland Valley Ry: Gas el. car #1 11-13/410; #71 2-8-2 7-17/238;
Mill Valley & Mount Tamalpais Ry: Article, 97/217-219;
Mineral Range RR: 95/67, 69, 70, 73;
Minneapolis & St. Louis RR: Locos #302, 350, 506 9-09/403-404;
Minneapolis Northern RR: McKeen gasoline pass. car 8-14/307;
Minneapolis, St. Paul, and Sault Ste. Marie RR: loco. engineers hiring and firing of firemen, 95/81; Engineers hired the firemen, 99/485; #428, 2-8-0, 01/38; #600, 2-10-0, 00/435; #449 2-8-0 7-05/311; #808 2-6-2 8-07/353; #731 4-6-2 8-11/334-335; Truck hit by train kills 4 4-24/101-102;
Minneapolis St. Paul Rochester & Dubuque El. Tr. Co.: "Dan Patch" gas el. cars 11-15/383-385;
Minnesota Valley RR: Loco.-coach "Shakopee" 2-11/5 & 3-11/101-102 & 4-11/146;
Mississippi RR, 99/421-425;
Mississippi Central RR: 3 car motor train by Four wheel Drive Co. #300 12-23/378-379;
Missouri & North Arkansas RR: #12 2-8-0 3-08/97-98;
Missouri, Kansas Texas RR; sand house, 95/173-5; tool room Parsons shop, 95/684-5; #177, 2-6-0, 98/520-521; Sedalia and Parsons shops, 79/190; McElvaney's ballast spreader 12-03/564; #336 4-6-0 3-06/125;
Missouri Oklahoma & Gulf RR: Gas El. car #100 10-13/372; #403 2-8-2 1-16/11;
Missouri Pacific RR: New tender design, 98/114; #1118, 4-6-2, 02/367-8; #1123 4-6-2 11-04/483; Sedalia shops 12-05/562-564 & 2-06/59; #98 2-8-0 12-07/55; #1241 2-8-2 11-11/491; #5201(?) 4-8-2 1-14/13-14; #5308 4-8-2, $6440 4-6-2, #9301 0-6-0, 9-21/242-244; #1424 2-8-2 1-22/11-12; Early history of 4-6-2 6-25/166-168 & 8-25/233; #1699 3 cyl. 2-8-2 tested 7-25/187-190;
Mobile & Ohio RR: ventilated fruit & reefer car #20090, 94/131, 133; #151, 4-6-0, 99/65-66; Brief description 8-13/267-268; Gas el. car operation 10-27/299;
Mohawk & Hudson RR: Oldest station/office in the U.S., 9-92/325; First train diary description, 01/6; Loco. and pass. cars 1833, 9-05/407; Braking methods on earliest trains 5-14/185;
Mohawk Valley RR: 4-4-0 later N.Y.C. #11, 93/405
Monson RR: comment, 8-90/141;
Montana Union RR: brief description, 94/125
Morgans Louisiana & Texas RR: McKeen Car #1002 2-14/66-67;
Morris & Essex RR: Earliest operation 93/199; loco. "Orange", 4-2-0, 93/433, 99/154;
Mount Lookout Ry (near Cincinnati): steam dummy pass. cars 6-07/247;
Mount Tamalpais & Muir Woods RR: Shay loco picture 6-15/206-207;
Mount Washington RR: 8-04/379-380: First locos 6-14/205; 4-16/109-110;
Nantasket Beach Electric loco, 95/554; See N.Y., N.H.&H.RR listings
Nantucket Central RR: Abandoned 7-06/310; 11-14/394-395;
Nashville & Northwestern RR: Civil War era operation, 93/43
Nashville, Chattanooga & St. Louis RR: Iron baggage car, 93/340; Hobbs Island steam boat train transfers, 94/61; Nashville shop, 96/170; #97, 2-8-0 at Nashville Exposition, 97/541; Unique signal and switch system at Nashville, 97/28-30; Air brake instruction car #99, 97/452-454; Willetts air brake, 97/577-578; train parting reports in August, 1898, 98/526; 4-6-0 4-

04/150; #280 4-6-0 4-06/149; #284 4-6-0 1-09/3; #174 2-8-0 1-11/24; #608 2-8-2 & #506 4-6-2 5-15/164-165;
Natchez & Hamburg RR: "Mississippi" loco, 93/242
National Transcontinental Ry: Shops and Quebec bridge 11-13/387-389;
Nevada-California-Oregon RR: #3, 4-4-0, 98/200;
Nevada Northern RR: 2-8-2T 3-07/113; #81 2-8-0 7-17/238;
New Brunswick Ry: 4-4-0 built 1856 for Portland, Saco & Portsmouth RR, 6-92/189; Loco. tender, 7-92/251;
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New England RR: Steam motor car #198, 97/817-818; Norwood Central, Mass. loco. shop, 98/269;
New Jersey & New York RR: #12, 4-4-0, 95/341; Steam motor car #680, 95/205;
New Orleans & Lower Coast RR: Motor car train with trailer 9-22/245;
New Orleans & Northeastern RR: Loco. #245 0-6-0, 6-91/101; Meridian shop, 00/224; #298 4-6-2 & #101 2-8-2 10-14/378-379;
New York & Erie RR: Bell rope, its origin, now being replaced by pneumatic signal 11-92/417; "Paterson" 4-4-0 11-07/491;
New York & Harlem RR: Extended smoke boxes, 96/498, 617-618; Colors of locos and cars in the 1870s 9-12/315;
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Philadelphia, Baltimore & Washington RR: 3 cylinder loco., 98/493;

Philadelphia, Wilmington & Baltimore RR: 1838 sleeping car, 96/421; Wilmington shop, 98/331; "Daniel Webster" loco. model, 02/338; Loco. "Philadelphia" 3-04/109; Locos. built at New Castle with picture of "America" 1-22/3-4;

Pittsburgh & Lake Erie RR: #150, 2-8-0, on long frt., 02/120; #156 2-8-0 7-03/299; New McKees Rocks shop and track layout 10-03/448; McKees Rocks frt. car repair shop 1-08/1-7; Gas el. car #500 11-12/415 & 4-13/146; McKees Rocks frt. yard lighting 11-14/409-410; Yard and road frt./ locos and classification book drwgs 11-16/384-385; Air brake instruction car 6-28/153-154;
Pittsburgh & Western RR: #251, 4-6-0, 97/881; #60, 2-8-0, 01/168; air brake instruction car #M3, 00/165-168;
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Western Maryland RR: Track at Cumberland Notch, Md, 11-05/486; #75 4-6-0 7-08/285; #50 4-4-0 3-09/102; #28 4-4-0 9-09/384-385; #155 4-6-2 & #952 2-6-6-2 10-09/424-425; #706 2-8-0 12-10/513-515; #209 4-6-2 11-12/398; First train over Cumberland-Connellsville extension 2-13/44; Description of W. Va. Ltd. 7-13/231-232; #781 2-8-0 8-14/306-307; #810 2-8-0 6-21/164-165;#1112 2-10-0 6-27/157-158;
Western Pacific RR (lst): "Wm. Penn", ("Dude") 4-2-0, 98/414
Western Pacific RR: #13 2-8-0 7-07/329; Continuous unloader replaces trestles for making embankments 9-08/385; First pass. tr. run to Salt Lake 9-10/397; Construction 10-14/386;
Western Railroad of Massachusetts: 1839 notes, 97/468a-469a; 1859 employees timetable 3-09/106-107;
Wheeling & Lake Erie RR: #97, 4-6-0, 96/456; #203, 2-8-0, 02/294; #2401 2-8-0 12-13/451; Automobile box car #29000 7-16/235; #804 2-6-6-2 1-118/4;
White Pass & Yukon Ry: Article, 99/390-397; scenes, 00/376, 377, 417; Snow scenes 12-03/533-537
Whitneyville & Machiasport Ry: History of RR and the "Lion" 11-07/492 & 2-10/78;
Wilkes Barre & Eastern RR: orders parlor car and coaches, 93/255
Wisconsin Central RR: new vestibuled trains, 94/163; wreck, 95/204; #227, 4-6-0, 98/281-285, 531; New loco. test results, 98/374;
Wisconsin Michigan Ry: Nathan, Mich. coaling station, 6-07/adv. 5
Worcester & Shrewesbury RR: Wm. Baxter compound loco of 1870, 93/537
Youngstown & Suburban Ry: #100 6-21/179;

ELECTRIC RAILWAYS - STREET, INTERURBAN ELEVATED, SUBWAYS

Aroostook Valley: El. frt. loco. #54 7-25/207
Aurora, Elgin & Chicago Ry: 150 mph car 6-03/259;
Beaver Valley Traction Co. car #43, 01/309;
Berkshire St. Ry" portable substation 3-15/100;
Boston: Lincoln power station 2-03/101-102; Signals and automatic stop 2-06/51-54; Signals and track 10-09/428;
British Columbia Electric Ry el. loco. #980(?) 4-12/144;
Brooklyn Elevated RR #3, 0-4-4, 1-92/27
Chicago & South Side RR: ("Alley" Elevated:): Rates of pay 12-92/433;
Chicago Roswell-Potter automatic train stop system, 95/429-430;
Chicago North Shore & Milwaukee Ry: Hauling trucks on flat cars 11-26/315; Storage battery loco. #455 1-28/14-15;
Chicago South Shore & South Bend RR: Builds 4 el. locos 1-27/6-8;
Columbus, Newark & Zanesville Traction Co: Sleeping car 10-04/439;
Connecticut Co. el. loco. #029 to take cars to Chase Rolling Mill Co at Waterbury, 1-14/30;
Consolidated Traction Co (N.J.): wage reduction, 93/535
Denver - Park Ry dummy locos 8-90/152-153
Galt Preston & Hespler Ry & Loco. #40 1-11/43-44 &3-14/106;
Guelph Radial Ry: 27 ton B-B elec. loco 3-12/104;
Hudson & Manhattan RR: Design of cars to be used 8-07/377-379; Car lift at Hoboken to ground level 5-08/197;
Illinois Traction Co: B-B electric loco. #102 4-07/172-173;
Interborough Rapid Transit Co: Elevated instruction car 1-04/26 & 10-04/447; Jobs and pay scales 9-04/421; IRT carried 647 million in 1915 on elevated and subways 10-15/346; time speed control signals 8-09/331-334; Tunnel train indicator control board 4-08/166-167; Power house 1-20/1-2; Shops 5-27/134, 136; Elevated express track being added 5-15/146; Steel cars, 1-05/31; line extensions on N. Y. subway with cut away drwg 7th Ave & 42nd St. 11-18/337-338;
Lackawanna & Wyoming Valley RR: Description and 4 car train 5-13/185; Scranton terminal scene 2-10/47;
Lorain & Cleveland Ry: street car, 98/148
Manhattan Elevated RR: #316, 0-4-4, 4-91/61-62; Property damage law suit, 7-92/225; #400, 0-4-2, compressed air loco., 97/355-356, 01/101; compressed air performance, 96/348 ; Building electric loco. to run on 34th St. line, 96/785; Elevated train, 96/891 Electric loco on 34th St. line, 96/934i Hardee air motor on 125th St. line, 97/568; Oil burning loco. tried, 97/751; Adopts Pinsche gas car lighting, 97/35; Article, 98/257-265; 158th St. terminal, 00/66; experimental electric train, 01/4; new cars, 02/432-3; converting to electricity, 02/165; comparison steam vs. electric, 02/86; Forney loco #161 or 261 6-08/255; M.U. electric car #192 6-08/271;
Metropolitan Elevated Ry (Chicago): Use of electricity, 96/176;
Metropolitan Elevated Ry: (New York City) automatic stopping system, 95/429, 431; Smoking cars, 97/446; 14 new compressed air motors, 00/412;
Monongahela Traction Co.: Car #1086 with magnetic brake, 02/80;
Muncie, Ind. dummy loco 8-90/152-153;
New York City's els, 98/257-265; 12 killed disaster 10-05/458; Terminal showing steam locos and cars 10-07/45; 6 locos. from Pittsburgh Loco. Wks with #3238 6-07/282; History of N.Y.elevateds 5-08/217-218;
New York Westchester & Boston RR: Brief 9-12/348;
North Chicago Street Car Co.: Pinsch gas engines used on cars instead of cables, 93/156

Oakland Antioch & Eastern Ry pass. loco. 5-14/192-193; Car ferry "Ramon" 10-16/327-328;
Ogden Logan & Idaho Ry: Description 1-16/28-29;
Omaha Lincoln & Beatrice RR: El. loco. #02 & frt. tr. scene 12-13/453;
Oneida Ry: Use of West Shore RR track Utica to Syracuse 3rd rail 1-08/11;
Pacific Electric RR: #1601 B-B el. loco 1-13/26; Street car #3 4-16/137;
Piedmont & Northern RR: 1500 volt DC loco. #5000 6-12/218-219;
Pittsburgh Street Ry, electric brakes, 01/169;
Portland Ry. Lt. & Pr. Co.(Ore): #1404 B-B el. loco 4-08/164
Sacramento Northern Ry: El. loco. #1060 3-28/85-87;
Scranton & Binghamton Ry: Portable substation 11-13/411;
Spokane & Inland Empire RR: #502 el. loco 2-13/66;
Third Ave Transit (N.Y.City) to discontinue R.P.O. mail cars, 00/409;
Washington, Baltimore & Annapolis Ry: Shop 5-09/226;
Western Ohio El. Ry: Crossing C. & E. Ry track 1-03/45

INDUSTRIAL RAILROADS & PRIVATE CAR COMPANIES

Allis Chalmers Co. 100 ton flat car #101, 6-06/254-255;
American Palace Car Co. organized, 02/131; New type of sleeper 5-06/199-200;
Anheuser Busch private Pullman car for its president, 01/539
Arcadia Coal Co (Nova Scotia) loco. "Sampson", oldestt Canadian loco., 11-07/500;
Bethlehem Steel Co: 150 ton capacity heaviuest car in world #842, 8-03/364; Same but car #900, 9-07/416;
Cambria Steel Co. #45 0-8-0 10-20/302;
Colorado-Utah Construction Co. #102 2-8-0 9-05/419;
Comox Log. & Ry./ Co: train at Royston 8-24/adv.p.14;
Congress Gold Co. (Ariz) #?, 0-6-0, 96/819;
Coxe Bros. & Co: coal mine #18, 0-6-0T, 9-92/333
Crane Iron Works: #1 0-6-0 1-10/12
Dolese & Shepard Quarry Co: #401 0-4-T 2-09/61
Eastern Talc Co. (Jerusalem, Vt) priovate RR to Rochester, Vt 1-14/11;
Freedom Oil Works Co (Pa.): Tank car #149 12-04/569
Frick, H. C., Coal Co. #42 compressed air loco., 99/467;
Frost Johnson Lbr. co: #104 2-6-2 6-15/208;
General Electric Co: Well type flat car #10004, 5-06/231; Flat car #25010, 7-06/328;
Glen Union Lbr. Co., #2, Heisler, 98/41; Harbeson, W. B., Lbr. co: #100 2-6-2 6-15/208-
Harlow Lbr. Co. (Kans.) #2, Climax, 98/406
Humboldt Logging RR: log train views, 94/53, 204, 205,
Hunt Co., C. W., electric loco. #23, 02/337;
Illinois River Packet Co: Box cars #201 for grain, 2-04/79 & 2-05/81;
Jefferson Coal Co: compressed air locomotive, 93/197
Jones and Laughlin Co.: 0-4-0T #4, 00/9;
Lackawanna Steel Co: Flat car #801, 6-04/276
Lawson & Little Contractors n.g. rr on Wachusetts (Boston) reservoir, 02/3, 01/511-3.
Moulton & O'Mahoney Construction Co. locos on Wachusetts Reservoir for Boston, 02/3-4;
National Cash Register Co: First fireless steam loco 12-11/501;
Nawn & Brock Const. Co: n.g. RR building Wachusets reservoir for Boston, 01/511-513, 02/3-4, 48;
New England Coal & Coke Co: #1599 hopper car 3-15/97
New York Glucose Co. 0-6-0T 9-03/421, 422;
Norfolk Coal & Coke Co., (WV) #12 0-4-0, 1-05/adv. 27;
Oakland Nail Works (Calif.): 2 old locos, 98/414
Orford Copper Co. electric loco., 02/337
Page Lbr. Co. (Wash) 0-6-0 on log train 1-11/9
Pullman Palace Car Co. (See Pullman listings in passenger car manufacturers.)
Rochester & Pittsburgh Coal & Iron Co. : Adrian Mines #2, 0-6-0, 97/19; Steam insp. car #200, 6-03/259;
San Jose Valley Coal Mining Co. combination loco. and car ex Southern Pacific, 10-91/181 & 11-91/206;
Sandy Hook Proving Grounds: 140 ton flat car 1-03/15;
Standard Car Truck Co. 4 hopper car #1526 7-14/271
Stevens Coal Co., mine loco., 98/403, 523;
Sugar Loaf Coal Co: Baldwin geared loco of 1841, 98/129-130;
Susquehanna Coal Co.: #2, 0-4-0T and $#, 0-4-0, compressed air locos., 97/24-25;
Tennessee Coal Iron & Ry. Co: Fairfield Steel Co. #170l, Shay loco. 1-19/10-11;
U. S. Bureau of Standards scale test car #2 11-15/371-372
U. S. Naval Magazine (Hingham, Mass) compressed air loco. 6-11/270-271
U. S. Naval Yard at Puget Sound, "Olympic" 0-4-0T, 6-05/271;
U. S. Navy 12" Ry guns 9-19/257-259
U. S. Penitentiary, Fort Leavenworth, Ks #9(?) 2--6-2 3-16/100;
Utah Copper Co. #700 el.loco. 1-28/24;
Wachusetts (Boston) Reservoir construction: 01/510-3, 02/3-5
Western Union Telegraph Co business car "Chicago" 2-07/56-57;
Westmoreland Coal Co: Hopper car #1546 & gondola #2101 1-05/adv. 7;
William Palace Car Co. 94/234
Woodward Iron Co. #19 2-8-2, 3-07/118; #28 2-8-2 performance 2-11/60; #27 B-B electric 8-11/341; #28 2-8-2 12-12/441;
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Argentina: 4-4-0 and 4-6-0 locos built in Scotland, 93/198; English and American locos on Western Ry of Argentina & Southern Ry. of Argentina; National Central Northern Ry "Albigasti," 4-4-0 & "Cosquin," 2-8-0, 95/28, 291, 453; Railway notes, 96/739-741 ; Tunnel proposed Andes to Chile 9-10/398; F.C. Central Norte: 4-6-0 10-09/450; Central & Northern Ry of Argentina #319 4-6-2 & #289 3-09/129-130; Atocha-Villazon Ry description and photo #2 2-8-2 11-23/357-358;
Australia: working conditions, 93/539; bridge, 96/813; first vestibuled car, 98/16; railroading, 01/388-389; Dundas Light Ry, 2' gauge 12-03/569,570; #544, 2-8-0, 99/463, locomotive development, 98/322-327, gauge confusion 2-23/42; Australian rys 3-22/60-61;
New South Wales 0-6-0 boiler explosion, 94/238; New Castle foot bridge, 94/240; scenes of zig-zag ry, 95/427; 2-6-2T, 98/195; track at Zig Zag and wreck, 01/434-5; #691 4-6-0 8-05/372; Ry. progress 3-06/119-120; Melbourne terminal scene and various bridges, 95/427; #1353 2-8-0 6-19/183;
Queensland Govt. Ry. #96, 4-4-0, 95/87; railway information, 98/268-271; sugar juice train, 96/151, ; #239 4-6-0 7-10/279; locos 7-09/292; Surprise Creek bridge 12-08/523; 0-4-2 50 years old & #692 4-8-0 9-14/320;
Tasmania 0-4-4-0 Garrat 2' gauge 11-09/469;
Victoria Govt. Ry & shops at Newport 6-10/234-235; "Tart" suburban car and #750 4-6-2T 10-10/399-400; #572 4-6-0 9-08/389; #1 2-8-0 and 4-6-0 class D 12-18/395;
Western Australia: Perth ry. sta., 98/21, wreck on the Perth line, 98/377;
Austria: #476, 6 wheel tender loco., 94/359; iron trestle, 99/69; St. Petersburg-Vienna express train, 99/189; Steam Ry motor car #14100; 10-05/443; Schneeberg Ry rack Ry 6-07/276; New 2-2-2T for branch lines #112.02, 11-07/499; Arlberg Ry tram test 10-08/427 & 443; Scenic rys 9-11/373; Hungerberg Incline Ry in Tyrol region Mendel incline, 5-10/179-180;
Austrian Imperial & Royal State Ry: 0-10-0 11-05/495;
Austrian State Ry : 4-4-2, 02/149-150; #20601 4-4-0 5-03/207; #122 2-4-2 4-04/153; #210.01 2-6-4 with separate tender & 0-4-2 8-10/315-317;
Austrian Southern Ry: 2-8-0, 2-6-2T, 4-4-0, 4-4-2, 11-05/495
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Bavaria: See Germany
Belgium: 2-4-2 6-89/4-5; Locomotives, 4-4-0 & 2-4-2. 99/245-246; 2-4-2 & #2814, 2-6-0, pass. car, 01/68-9; pigeon racing a train, 00/380; Old 2-4-2 with wide firebox 11-03/498 & 5-05/218; Belgium State Ry 4-4-0 12-06/579; State Ry 2-10-0 & 4-6-2 12-10/494-495; Belgium State Ry #10001 0-6-0T 12-15/408; #5201 2-8-0 4-20/105-106;
Bolivia: Lopa viaduct, 93/474; Atocha-Villazon Ry description with photo #2 2-8-2 11-23/357-358;
Borneo: North Borneo Ry 6-04/249-250
Brazil: Baldwin 4-4-0 n.g. compound at Chicago Worlds Fair, 93/244; Govt. operated ry. unsuccessful, 97/631; 0-4-0T by Dickson Loco.Wks, 98/326 2; Brooks locos. being shipped to B.C.Ry, 94/300;
Cantaqallo RR & its locos at Rio de Janeiro, 10-88/9;
Central Ry. of Brazil: #80 0-6-6-0 12-07/531; Pulverized fuel used on class 273 4-6-0 12-17/383-385; description, 93/133, 96/233-238; #230, 4-8-0, 94/321-
Cercovado Ry: 96/147-149
Estrada deFerrop der Baturba (?) #26 4-6-0 10-09/450;
Leopoldina Ry: rack loco. #13, 98/416
Northwestern Ry #41 2-8-0 10-09/450;
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Paulista Ry: Electrification 11-21/304-306; #213 el. loco. 8-24/232-233; #226 el. loco 3-28/65-66; First all steel pass. cars in South America built by 2-8-0 compound, 95/340; #57, 2-8-0, 99/41-48; #68 & #69, 4-6-0, 99/275-276,
A.C.F. 3-28/67-68;
Sao Paulo Ry: #12 0-4-0 dummy 1-03/11;
Burma: 0-6-6-0 Fairlee double ended 6-08/243; 0-6-6-0 mallet 10-11/418;
Chile: Mallero viaduct, 93/474; Govt. of Chile Ry 4-6-0, 94/1; "Copiapo" 4-4-0, 01/397, 479-480, 523; Rio Clara bridge flood, 02/463; #283, 0-6-2T, 02/202; Central Ry #116 with Walschaert V.G. 2-13/48-49; Longitudinal Ry of Chile 4-11/147-148; Nitrate Ry #90 2-8-2T 11-18/338; Electrification by Westinghouse State Ry 5-22/111-115; & 11-23/362; El. locos state ry 8-24/232-235; Ford Touring car train to Arica 12-24/306; Electrification of Rys 5-25/147-148; Chile Exploration Co. to electrify and Andes Copper Co. 12-25/349;
China: Railroads in, 99/150; 0-4-0T, 2' gauge, 96/4; notes and scenes, 00/538-9. 541; coolie labor pulls tram car 2-03/90; ex N. Y. elevated locos. in China 1-07/12;
Canton Ry: Uses U.S. equipment 10-12/356;
Canton - Hankow Ry #11 2-6-0 & Kwong-Tung Yueh-han Ry 9-09/175;
Ching-Siang & Ning-Lo RR, early days of operation, 93/179, 181;
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Lu Han Ry. 2-6-0 by Rogers, 98/57
Sun Ning RR: #5 2-6-0 5-07/205;
Shanghai-Nanking Ry: Recently built 4-2-2 11-10/454;
Columbia: Cartagena-Magdalena RR description, 95/767-8
Congo: 1-05/37-38; train 10-07/445;
Cuba: Rys in, 98/455, 99/151, 99/539-40; RR being built full length of island, 02/269-272; Constructing Rys with photo of JSF RR 0-6-4, 3-03/107-108; Cuba Rys 6-04/246; Notes 6-05/245-247; Rogers 4-2-2, 7-05/332; Running a train in Cuba 12-13/426-427;
Cordenas & Jaccaro RR: 57 3/8" driving wheels on 2-6-0s, 93/255
Cuban Ry: #46, 2-8-0, and #35, 4-4-0, 95/15;
F.C. Militar de Jucaro a Moron: #5, 0-6-4, 96/822-23;
Havana & Guines RR: Flexible beam loco 8-05/350;
Spanish American Iron Co. 2-6-2, 02/202
U. S. Govt. Military RR near Havana, 01/265
Western Ry of Cuba: #26 2-8-0, 8-06/159; #7 4-4-0 1-11/27

Czechoslovakia Rys: 7-19/213;
Denmark: Railways and locomotives, 99/161,
Ecuador: Quayaquil & Quito RR under construction, 01/378; Steam motor cars for Uvalde St. Ry. #2, Quayaquil Ecuador Empressa de Carros Urbanos #10 2-10/66;
Egypt: Egyptian Government Rys: 2-2-2, 93/355, #38, 4-4-0 & 2-6-0 by Baldwin, 98/330; State Ry feed water testing #41 2-4-0 & #209 0-6-0, #620 4-4-0 8-11/339-340;
Finland: #255, 2-6-0 built by Richmond, 98/528-529, 541, 543; #300, 4-6-0, 00/348; #271, 2-8-0, 00/229;
France: 0-6-6-0T double ended, 10-92/348; 0-2-6-2-0 double ended freak, 8-92/271; Garabit and Evaux Viaducts, 93/474; #602, 2-4-0, 93/397,495; Traveling thru Normandy, 94/385-7; Orient Express, 96/927; Mont Cenis tunnel & train travel in France, 97/20; "L'Aigle", 2-4-0 freak, 98/177; "Petiest's, 98/219; 1867 dynamometer car, 99/68, "Le Chatelier" water brake, 99/450-451; Baldwin loco. for France (unknown ry.) #2801, 4-4-0, 99/367, Systeme Aime Robert loco. design with double piston, 99/485; Running world's fastest trains, 00/462, 541, 01/52; Thiule 4-4-6 design, 00/480-1; 0-6-0 freak "La Parisienne", 01/325; sleeping car, 01/268; coke as a fuel, 01/160-1, 197; first compound loco., 02/423; 0-6-6-0T type, 02/422; #2702 4-6-0 DeG;ehn compound 7-03/330; 100 double ended Pechot 0-4-4-0 locos built for war effort 6-15/192-193; U.S. locos & cars for France 11-17/356-35&8; British built ambulence train for U.S. soldiers 3-18/69-70; Loading Alco locos for France in New York 2-19/33-34; French Rys in the war 4-19/106-107; Evolution of pass. locos 6-20/161-164;
Bayonne & Biarritz RR: "Anglet" 0-4-2, first compount loco designed by A. Mallet, 3-92/99;
EST - Eastern Ry. of France: Crampton loco, 4-2-0 #414, 96/2,3; #3409, 4-6-0, 00/297; #824, 4-4-0, 00/55, 152; 2-6-0 DeGlehn compound 3-03/134; #3512 4-6-0 3-04/111; EST #6001 2-6-6-0 1-09/34-36; Crampton 4-2-0 loco 5-14/169; #3103 4-6-0 5-19/139-140;
Midi Ry: U. S. locos for electrifying 8-22/220; Alco built 2-8-0 class 40 3-18/79-80;
NORD Ry (Northern Ry) : #80, 2-4-0, 95/66-7; #441 experimental 4 cyl. loco. of 1862, 95/339; #2159, 4-4-0, 97/277-278, #6122 0-6-2 2-6-0T, 10-06/479; NORD old #10 4-2-0 9-09/379, #22, 2-4-0, #3.023 0-6-4T, #2.433 0-4-4T, #2.825 2-4-0 & #2.822 4-4-0 9-09/379; NORD #2.741 4-4-2 12-10/495; NORD light loco. with suburban car attached 3-11/100-101;
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Paris, Lyon & Mediterranian Ry: 4-4-0 compound C-12, 94/367; 4-4-0 windsplitter and operation of the ry, 96/956-957, 960; #2997, 4-4-2, 01/493; #154, 2-4-2, 02/461; #c66 4-4-0 & 4-6-0 4-03/155-157; M. Robert's water tube boiler 10-06/463; #2990 4-4-2, 11-07/489; In the Maritime alps 2-18/35-36; Swiss built 2-10-0 #2965(?) 3-18/74; Ry. near Nice 9-17/279-280;
Paris Orleans Ry: #331, 2-4-2 with Corliss valves, 97/285; #4003 4-6-0 5-06/205-206; #4065 4-6-0 9-07/397; #4517 4-6-2 11-08/48; Orders 30 DeGlehn 4-6-2 compounds from Schenectady Loco. Wks, #4541, 9-08/405-406; #4501 4-6-2 1-08/47; G.E. locos for 12-23/380-381;
Paris Sceaux & Limones Ry: Described & #13 2-4-2T 4-08/175;
State Ry of France: ETAT "Montlieu" #2805, 4-4-0, 00/119-120; ETAT #32.551 2-6-2T 3-11/135; 0-8-0 7-16/213;
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Germany: Germany and its RRs,9-92/304-308; Henschel & Son rotary snow plow, 93/139; description of pass. train operation, 95/202; opening of world's longest bridge at Czenavoda (not Germany?), 97/464; 4 cyl. compound 4-4-0, 01/121-122; monorail at Loschwitz to mtn. top, 01/343; number of locos in Germany 1899, 01/597; Narrow gauge industrial 0--4-0 3-07/105; Steam turbine loco. patented 7-07/322; Krupp crane tank engine 11-07/506; OK loco. valve gear 10-15/330; Steam turbine and high pressure reciprocating locos 1-28/5-7; 850 psi loco 3-26/75-76; pulverized coal loco. 4-28/95-96;
Baden State Rt: 4-4-2 7-03/297-298; #739 4-4-2 windsplitter 4-06/179;
Bavarian State Ry 2-8-0, 99/528, 2-2-2:4-2 loco at Paris Exposition, 00/420-1, #2398, 4-4-2, 01/62; U.S. locos. in, 3-05/130; Royal Palatine Ry 4-4-2 windsplitter 10-07/449; #3303 4-6-0 1-11/3; #3002 4-4-2 6-10/233;
German State Rys: Std. 2-10-0 #5578 4-23 99-101; 3 cyl. pass. loco 2-8-2 3-24/75-78; #02003 4-6-2 & 2-10-0 4 cyl. compounds 10-26/275-277;
Palatinate Ry: 4-4-2 12-03/541;
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LOCOMOTIVE ENGINEER'S JOURNAL 1930-1959

The Brotherhood of Locomotive Engineer's Journal was the most interesting of the magazines published by railroad labor unions. Besides the union material it had articles on technical aspects of locomotives and short articles on the railroads of different countries and America. It also had many locomotive illustrations. The "Know Your Railroad" series of two page articles, which was begun in the mid 1930s, described the corporate make-up of many railroads over the years. The "True Tales of the Rails" were remembrances of engineers. The series began about 1930 on an intermittent basis depending on when articles were contributed. For those giving a railroad name and date, I have indexed them if I felt they gave insight on some aspects of a railroad. I did not index locomotive technical articles as this information was better covered in other easily obtained magazines.

The magazine began in the 1866. I started indexing the monthly journal in 1930, volume 64. Before that only a few articles each year had merit to record. In January 1960 the magazine changed to a large size newspaper format on cheap paper although it later returned to magazine format. I discontinued indexing after 1959. My indexing of True Tales was erratic. Undoubtedly some interesting experiences were missed.

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MODERN RAILROADS 1945 - 1970
MODERN RAILROADS RAPID TRANSIT 1971 - 1982
MODERN RAILROADS 1983 - 1991

Modern Railroads was begun in November 1945 to largely duplicate much of what *Railway Age* covered. It was sent free to persons connected with railroads and suppliers. *Railway Age* was a weekly while *Modern Railroads* was a monthly. Because it was free and therefore had a wider circulation, it captured much of the advertising business of *Railway Age* With the decline of news-worthy railroad developments in the late 1950s the articles became fewer and shorter. The format of the magazine was more trendy, the articles often in less depth than *Railway Age.* Color was used more and half and full page advertising interrupted every multi page article. A two page article was often spread over five pages.

The magazine I believe did a better job than *Railway Age* publicizing railroad company weaknesses.

Beginning Jan. 1954 and each year thereafter it gave a summary of improvements on every class I railroad for the previous year and plans for the new year. I did not index them. This listing and the annual diesel specifications listing were unique to this magazine.

Several times a year an issue was virtually devoted to a specific railroad with articles covering all aspects of its operations in general but with few specifics. These issues gave little negative information on a railroad.

By 1978 few articles were presented in depth. In February 1988 it began a special section, *Short Lines and Regionals,* which carried its own page numbering that duplicated *Modern Railroads.* I have indicated these articles by SLR. Every new short line was covered. I did not index the brief an-nouncements, but articles on these short lines I did index. This was a unique feature of the magazine because *Railway Age* did a poor job for this portion of railroad news.

It discontinued publication June 1991 without notice but had been somewhat irregular the previous year.

With few exceptions I indexed only the feature articles.

SLR - Short Lines and Regionals portion of the magazine.

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Atlantic & Western RR: #100 70 ton diesel 3-52/190-191;

Atlantic Coast Line: Florence, SC sta. 4-49/24-25; Florence, SC diesel shop 3-53/131-134; Florence yard 3-53/137-140; Special issue devoted to the ACL covering all aspects of the RR 5-54/37-210; Express reefer #3024 3-48/48-56; Okelanta Branch in Fla. constructed 8-48/25-27; Gainesville, Fl pass. & frt. sta. 11-48/53; Hopper car#9600 hopper with roller brgs 9-52/18-19; Waycross car shop 1-53/57-60; Radio use 11-55/81-82; Tank car loading terminal at Wilmington, NC 10-56/113; Concrete ties 5-60/124-128; Concrete trestles 7-60/83-86; Jacksonville office bldg 8-60/91-92; 135 ton hopper car #500,000 9-64/80-83; Several articles covering all aspects of the RR 5-65/95-144;

Baltimore & Ohio RR: Radio facsimile by VHF radio 8-46/9; First RR to use same wire channels for speech and telegraph 12-46/13; "Cincinnatian" pass. train first post war built new pass. train in the East 2-47/28; "Columbian" Wash.-Chicago train 7-49/55; Special issue on $258,000,000 improvement program begun in 1941 11-49/23-136; Akron sta. 5-50/29, 31; Curtis Bay, Md. ore transfer dock 6-51/33, 35; Radio equipped main line 8-51/101-104; CTC Grafton to Parkersburg 2-52/71-74; Washington, Ind. car shop building box cars 12-52/59-62; Chicago's Barr Yd 7-48/44-51; Great Lakes coal and ore dock 8-48/16-22; Pittsburgh's Glenwood shop 1-53/75-90; DuBois car shop 6-55/58-62; 3 car RDC train Wash. to Chicago, 768 miles in 12 hrs, 29 min. 7-55/125-129; Combines 3 towers into one at Balt. 9-56/131-134; College engineering program 10-56/135-138; RDC on Phila. to Pitts. daylight run 435 miles in 8 3/4 hours (6 hrs Wash. to Pitts.) 2-57/97; Changing bridges to wider clearances at Reading Rd, Cincinnati 6-57/91; DuBois car shop 6-56/141-150; Stainless hopper car #633002 9-57/201; Flat car with moveable bulk heads car #8827? 8-59/123; Staten Island new lift bridge 1-60/113; CTC Phila. to Brunswick, Md 10-61/53-54; Salvages main line old ties for branches 9-62/121-122; College graduate program 7-63/93 (which differs from the 1951 program when they came to my engineering college but said at 5'8" I was too short to be considered for the train operating department. The B&O was not alone. Stupidity like this was one of the reasons for the RR's problems after WWII.); Merger with C&O into Chessie System 2-77/62-75;

Bangor & Aroostook RR: Special issue covering all aspects of the RR 8-52/83-120; Pass., mail & express bus replaces train 9-56/180; Mechanizes M. of W. 5-57/99-104; Sells frt. service 6-57/109-112; Automatic potato car 5-61/2101; Shop for reefers 6-65/77-78; Conglomerates milking component railroads 9-74/67-72; Entering a new era 12-88/16-20;

Barre & Chelsea: 70 ton diesels 7-49/71-72

Bay Colony RR: 6-84/27-28; Hauling solid waste 7-90/29-30;

Belfast & Moosehead Lake RR: Dieselizes 10-50/71-74;

Bessemer & Lake Erie RR: Yard ballast cleaning machine 3-55/87-88; Converts 125 miles to C.T.C. 12-57 or 2-57/82-84; Conneaut rail - barge coal facility 6-65/116-118;

Black Mesa & Lake Powell RR: 4-74/74-76;

Boston & Maine RR: Coach car washer 10-46/21; Androscoggin River bridge in N.H. reinforced 4-48/31-38; C.T.C. in N.H. 1-51/93-94; Lynn, Mass pass. sta. pix 9-52/176; Replaces conventional train with RDC 4-56/100-106; Changes to improve finances 2-57/107-110; Boston R.D.C. facilities 4-58/114-116; Unit coal train Fairview, Pa. to Bow, N.H. 2-68/77-78; Future looks better 10-79/60-64; Described 6-83/26-27; Acquired by Guilford Trans. Industries 3-84/30-34;

British Columbia Ry: Tumbler Ridge RR construction 7-83/32-33, 36-37;

Buffalo & Pittsburgh RR: SLR 8-88/1, 4;

Burlington Northern: After the merger 5-70/48-54; Success after the merger several articles 10-73/54-72; Coal traffic 1-78/48-51; Proposed merger with St.L-SF 9-80/47-50; Seattle intermodal terminal 10-85/24-27; Coal traffic growth 11-79/52-54; Electric lighted caboose #12181 5-81/59-60; Auxiliary fuel tank cars eliminates 3 stops 12-83/31; First RR to combine control of all communication systems under one roof - micro wave, lightwave & telephone 10-90/30-32; Innovative frt. solicitation 11-86/20-48; Box car #800,000 11-87/31; Future 1-88/19-26; Tongue River RR proposed 123 miles Sheridan, Wyo to Miles City, Mt. 1-90/36-38; High debt and its future 11-89/27-40; M/W trends 3-91/20-27 & 4-91/37-39;

Bush Terminal RR: Handling bag cement 2-54/54;

Canadian National: Construction to Lynn Lake 2-52/31-37, 40; New track construction to Thompson, Man. and 7 other branches thru-out Canada 12-58/93-94; Rebuilding its western secondary main lines and branches 12-58/97-98; Pass. train heater car #15611 1-51/63-66; Lynn Lake Br. construction 147 miles 1-52/32-40; Special issue covering all aspects of the RR 7-52/35-123; Piggy back service Montreal - Toronto 1-53/95-99; 218 new coaches 3-54/117 & 4-54/138-142; Adds 359 new pass. cars 9-54/69-74; New pass. train, "Super Continental" 5-55/56-59; Red Deer River bridge, Ardley, Alberta replaced after washout 7-55/99; Insulated heated box cars uses liquid fuel instead of charcoal 6-60/145; Retires last steam loco. #6034 on The Pas - Winnipeg pass. run 7-60/113; Victoria bridge bypass 9-61/157-158; Montreal yard 10-61/87; Reefer 220009 5-62/85-86; Winnipeg's Symington Yd 11-62/92-94; Red white & blue fares 4-63/70-74; Great Slave Lake RR construction 3-65/110-113; LCL & express business 10-66/92-94; Turbo train 11-67/68-70; Mobile housing for M/W crews 8-70/63-64; Intermodal containers 11-72/44-47; Tunnel under Welland Canal 3-73/62-63; Concrete ties for curves 7-79/63-65; M/W equipment and Canron train 1-83/37-40; Described 1-85/28-32; Double stacks & other improvements 4-86/14-38; Abandon Newfoundland RR 9-88/14

Canadian Pacific: Calgary facilities 12-58/89, 91; Streamline car delivery of 173 Budd built cars 10-54/119-121, 129-134; St. Luc, Montreal, yard 8-50/38-41; Dieselization 1-51/75; Special issue covering all aspects of the RR 7-52/35-37, 125-201; Depressed center flat car #309965 pix 1-53/140; ,CPR's future as seen by N. R. Crump, pres., 7-59/51-53; New pass. train, "The Canadian" 5-55/56-59; Spiral tunnels lined 9-60/119-122; Toronto Yd 8-64/62-63; Unit coal car #352,200 3-70/79-80; Calgary Yd 9-71/66-68; Intermodal containers 11-72/44-47; Route over Rogers Pass- Crows Nest Pass 10-82/34-36; New type roadbed PACT-Track 2-85/42-43; Growth 7-85/24-50; Diesel loco #4744 10-86/490-50; Rogers Pass Tunnel nearly done 11-87/19-23; Radio dispatching rather than CTC 8-85/24-26;

Canton RR: Baltimore ore transfer dock 10-53/97-100;

Central Indiana Ry: Success story 7-59/60-64;

Central of Georgia RR: Streamliner "Nan O' War" and "Nancy Hanks" 9-47/15-16; Car #691 1-49/33, 36; Columbus roundhouse converted to frt. car repair 3-57/118-121; Traffic sales dept. 2-56/119-121; Mechanizes track work 6056/73-78 & 10-56/70-74; Radio use 10-56/79-80; Resurgent RR 9-57/137-154; Mechanizes B. & B. gang (Bridge & Bldgs) 4-58/109-112 & 3-59/89-92;

Central RR of New Jersey: Maintenance of Way practices 10-54/85-86; Plainfield sta. rebuilt 6-52/124; Concentrates LCL at Elizabethport 6-52/144-149; Matawan fill completed 10-53/162; Commuter service 8-54/95-97; Mechanizes track work 12-57/109-116; Commuter train losses 2-60/100; Piggy back 4-72/46-49;

Central Vermont: Woodchip train 6-85/31-32; Rent a train piggy back service 6-86/25-26; Acquired from Guilford line for Amtrak 1-89/1, 5;

Central Western RR: Must honor union contract of CNR SLR 3-88/16;

Chesapeake & Ohio: Coaling sta. at Clifton Forge & Huntington 5-47/18-22; Steam turbine electric loco 8-47/22-24; Track relocation in Va. & WV main line 10-47/26-27; Queensgate Yd at Cincinnati 7-81/38-40; Nov. 1954 issue was devoted to the C&O with about 120 pages of articles covering these topics: Management, capital improvements, , facilities map, , accounting and computerization, publicity and advertising, , Greenbrier Hotel, frt. service, , car ferries, coal handling, , pass. service, , track work, , bridges, , CTC, , new frt. cars, shops materials and purchasing, , test lab & research, Train "X" 5-48/45; New Great Lakes coal & ore dock 8-48/16-22; Huntington shops makes hopper cars 9-48/34-36; New pass. cars 12-48/19-20, 23; Hopper car unloading at pier 14 Newport News: 4-50/37; Roller bearing hopper cars #79094 1-52/57-60; Aerial maps for plant location 6-52/112-114; Collapsible containers for bulk traffic 3-55/188; Accounting Dept. & John E. Kusick 6-56/84-88; "Railvan" trailers run on both RR tracks and highways 6-56/94-95 & 8-59/105-106; Huntington shops converted to diesel 6-56/110-124; New Toledo coal dock 11-58/133; Tests "rail van" highway vehicles that can also run on rails 8-59/105-106; steel tunnel liner 2-60/87; Laying welded rail both rails at same time 12-63/77-81; Rebuilds Richmond viaduct 5-64/99; Train auto ferry - cars carried on trains 6-66/124-130; Articulated hopper car #30011 9-69/111-112; Merger with B&O 2-77/62-75;

Chicago & Eastern Illinois RR: Making box cars at Danville 6-51/36-41; Dieselized 7-51/84-97; Report 1-53/44-48; Hopper car for rail-barge transfer 6-53/147-148; Diner #506 7-53/99; Traffic promotion 8-54/81-86; Changes exteriors of 11 cars to all stainless 2-57/115; Traffic sales & W. F. Custer 10-58/100-101;

Chicago & North Western RR: Continuous rail 3-47/11-12; 35,000 commuters on 3 lines & trains running at 8:15AM on system 8-49/75; Continuous rail Clyborn to Wilmette 12-50/63-64; Tender converted to steam generator car 12-52/107; NWX #100 mechanical reefer 7-54/79-80; Special issue covering all aspects of the RR 10-48/17-125; Sleepers 3-50/81; R.D.C. cars put in service 4-50/59-60; New train indicator board at Chicago 10-51/75; Ore car #122089 6-53/110; Piggy back 9-53/185; Box car #7 11-53/41-43; Raises roof of Chicago terminal 8-54/90-91; Double deck commuter cars 6-55/113-116; Management changes 6-56/64-65; Revolution of Heinemann 7-57/81-88; Featherbedding practices 12-57/77; Clinton, Ia, car shop 12-57/84-92; M. of W. deferred maintenance 3-58/116-120; Train removal difficulties, #13 & 14 to Chadron, Neb. 8-58/45, 104; Automatic data processing 6-59/96-106; 116 push-pull cars to give 2300 2-60/71-72; Box car #79526 rebuilt from older car with roller brgs and 9' doors 9-63/74-78; Commuters profitable 9-67/60-64; New way to run a RR 6-70/38-39; Slug booster diesel unit 12-70/43; Employee owned now 7-74/54-57; Awaits approval to build track to Powder River Basin, Wyo & other needs 32-82/17; Completes 6 miles at Shawnee, Wyo & relocates 45 miles Shawnee to Crandall 8-84/30-36; Double stack facility at Chicago 5-86/32-33, 36;

Chicago Burlington & Quincy RR: Train radio on Zephyrs 6-47/38, 40; "Twin City Zephyr" gets vista dome 11-47/11-12; Metropolis line, M.P. 132, embankment rebuild 3-48/25-28; New sleepers for Expo Flyer- Calif. Zephyr 8-48/47; Special issue covering all aspects of RR 5-49/23-100; Electric rotary snow plow 2-50/111-112;& #50 rotary 5-50/65-68; Kids special train 7-54/77; Line relocation and tunnel near Thermopolis, Wyo 10-50/91; Gallery commuter cars 10-50/103-106; New Chicago L.C.L. frt. house 9-51/132-139; New 49 mile cut off from Needles to Maxwell, Ks on Chi-- K.C. line 2-53/111-117; New zephyrs to K. C., "Am. Royal Zephyr" and "Kansas City Zephyr" 2-53/121-130; Pass. traffic promotion & mgr Julius Jalms 9-54/129-134; Radio 5-55/124-128; Cicero L.C.L. frt. house 1-56/75; Slumber coach 12-56/59-62; Cicero Yd, Chicago 4-58/75-76;

Chicago Central & Pacific RR: Marketing 6-87/24, 26;

Chicago Great Western: Oelwein operations 10-54/49-54; Des Moines depot pix 10-54/54A accounting system 10-54/57-60; Reefer icing at Oelwein 6-53/101-102;

Chicago Indianapolis & Louisville RR: New caboose #81525 3-57/136-138; Uses hospital cars for steamliners 11-47/25, 28; Rebuilding track 7-51/51, 56;

Chicago Milwaukee St. Paul & Pacific RR: "Olympian Hiawatha" 8-47/9-10, 14; All dome car 4-52/39 & 12-52/124-132; Sioux City sta. modernized 4-50/74; Special issue covering all aspects of the RR 11-50/29-141; Milwaukee Air Line classification yard 8-52/39-52; Converts wood gond. to steel #83039 6-53/127-129; Rebuilds/streamlines 2 E22 el. locos 6-53/182; Rebuilds its first two pass. diesels 11-53/124; New Missouri River bridge near Chamberlain, SD 9-54/109; Reefer car pix URTX #38613 12-54/66; Camp cars replaced by house trailers 4-56/133; Rail test car #802 7-56/91-92; Bay window caboose sand yard crew cab. #01737 10-56/129; "peak-a-boo" car from wood sided gond. 8-57/120; St. Paul yd 12-56/80-88; Bi-Level push-pull cars 8-61/69-70; Piggy back frt. 11-66/110-114; Eliminate line west of Dakota 8-81,46-48;

Chicago Missouri & Western RR: Success (later went bankrupt) 9-87/23-26; Traffic 6-88/20; Bankrupt SLR 6-88/12; for sale SLR 9-89/6-7;

Chicago Rock Island & Pacific RR: Radio communication 2-47/11-13; 47th St. Chicago shop car painting 9-47/27-28, 430; Completes reconstruction Kans City - Chicago line 11-47/20-22; Dieselizes commuter service & other improvements 2-49/85-86; Ks. City Armourdale car retarder yard 7-49/28-30; 100 seat commuter car 1-50/49, 51; Tie creosoting plant 3-51/65-66; Signals Vinton to Manly, Ia. line 4-51/109-110; Caboose walkie talkee 6-51/69-76; Dieselizes 6-51/103-112; 4-52/105; Micro wave radio 10-50/32-36; #492 1600 hp road switcher for commuter line 1-52/49; Armourdale, Kansas City frt. house 6-52/133; Special issue devoted to all aspects of the RR 10-52/37-181; Gresham, Il interlocking tower 9-53/41-43; Completes Atlantic cut off at Atlantic, Ia 10-53/144; Micro wave 8-54/73-74; "Jet Rocket" 6-55/135-136 & 4-56/150-158; La Salle St. sta. 7-55/95; M. of W. Bridge & Bldg roving gangs 12-55/85-88; Camp cars replaced by trailers 9-56/95-96; 4 wheel flat cars for containers, #1 & #2 10-56/107-108; Special cars for customer needs 8-58/49-51; Big Fossil Creek concrete bridge near Ft. Worth 7-66/87-88; Fight for control by UP and C&NW 10-66/83-85; Industrial engineering and V.P. Wm. Dixon 5-68/79-80; unit grain trains 5-72/42-43;

Chicago Short Line RR: Operations 8-71/42-43;

Chicago South Shore & South Bend RR: Use of radio 7-49/65-67; Calumet River bridge converted to fix span 3-53/39-44; Hot metal train 6-87/24; Relocates around East Chicago 9-56/65-74;

Chicago Transit Authority: Train spacing 1-52/81-82;

Chicago West Pullman Transportation Co: Owns 10 or so short lines SLR 9 & 10-90/28-37;

City of Prineville Ry: Described SLR 11-89/9-11;

Clinchfield RR: Described 4-51/39-48;

Conrail: Formation 4-74/58; 11-75/66-69; To begin operations 3-76/52-55 & 4-76/40-42; Merger success 8-76/46-49; Repair track and schedules of symbol frt. trains 10-76/36 + insert; Johnstown flood creates messy problems 9-77/21-24; RR to maximize return on earnings 3-79/70-74; Retrenchment 2-81/34, 44; Future and govt., controls 8-81/54-55; the RR and pres. R. Stanley Crane 1-83/28-31; Norfolk Southern wants to acquire Conrail 3-84/19; Changes into New York City, intermodal, commuters 6-65/47-49; To return to private ownership 2-86/20-41; Phila. pier #124 coal dumper. 6-86/23-24; Storm clouds 10-89/21-38; Dump train of stone and sand Bound Brook to ... 1-90/38;

Copper Basin Ry (Az) Described SLR 3-90/14-16;

Corinth & Counce: Frt. traffic 6-87/30;

Crab Apple & Egyptian RR: Frt. & pass. service SLR 9-88/30-34;

CSX: Proposed formation of C&O, SCL & L&N 9-80/47-50; Today and tomorrow 11-85/20-51; 51 branches gotten rid of to short lines 11 & 12-90/22-26; Corbin, Ky eng. term. & shop 8-7/29-32;

Dakota Minnesota & Eastern RR: 9-87/28-32; Rail and river grain 6-89/29-30;

Delaware & Hudson RR: M. of W. procedures 9-57/109-114; CTC 70% of RR 5-61/89-92; Radio for dispatching & train crew 10-61/64-65; Operations and finances 7-62/81-82; Problems and fight with Penn Central RR 4-73/66-67; Beldon Tunnel near Binghamton enlarged 4-86/41-43; Bankrupt & NYS&W operation 7-88/1, 4; Operated by NYS&W RR SLR 2-89/33-34; Acquired by Guilford Trans. Industries 3-84/30-34

Delaware Otsego : RR system 6-83/32-33; Resurrection 9-85/42-47; NYS&W operation 5-87/21-23, 26-27;

Denver & Rio Grande Western RR: Cleaning locomotives at Denver 2-46/19; Former telegraph office now uses tapes 4-48 or 78/62, 64; Train operations 10-78/54; CTC system 9-79/64-65; Moffat Tunnel Commission to sell tunnel 12-83/12; Reopen Modoc Line (Winnemucca to Klamath Falls

closed for a year 3-89/52-55; Track mechanization 12-48/24-31; The RR and A. E. Perlman 5-53/58-64; Diesel instruction car #x201 8-53/95-96; Test and research lab 6-55/105-108; Frt. traffic promotion 12-60/60-62; Computers, microwave & faxing 7-61/59-76; Present status 10-62/70-78; Short frts 3-67/100-102; New traffic 4-72/60-63; Acquisition by U.P. 12-88/39;

Detroit & Toledo Shore Line RR: Flat car for coiled steel #6196 4-64/87;

Detroit Toledo & Ironton RR: Radio 4-56/141-142; Radio use 6-46/8-9;

Duluth Missabe & Iron Range RR: Caboose #C200 pix 9-52/176; Ore car pix #31016 9-56/114; Electric switch lamps 2-65/71;

Elgin Joliet & Eastern RR: Dieselizes main line 12-49/21; 90 miles continuous rail 3-51/51-54; Described SLR 6-89/14-19; Kirk Yd 10-53/127-136; RR & pres. Tom Beven 5-55/73-78; Propane gas for caboose #514 9-58/155;

Erie: Streamlines pass. car #1000 2-47/19-20; Akron sta. 11-47/15-16; Pass. trains enter Cleveland Union Sta 6-49/93; Car locator and commuters 7-49/49-52; Screw spikes used by RR 9-49/23-27; Special issue devoted to all facits of the RR 5-51/31-178; Camp cars #054016 6-51/125-126; Training and safety 6-51/129-135; Modernizes Chicago LCL sta. 7-54/64-68; Begins to substitutes house trailers for camp cars 10-54/80; Modernizes coaches 5-48/49; Main line radio 8-48/31-35. 39-44; N.Y. - Chicago radio 10-50/60-64; 18 car historical train show 9-51/154-156; Caboose C300 pix 9-52/176; Hornell shop 1-53/51-52; C.T.C. 1-53/64-70; Corning 7 mile line relocation 2-53/87-88; Francis H. Menagh & use of radio 10-53/61-72; Hornell's Woodruff Yd 11-53/53; Special gond. #50348 for steel 9-58/131; Meadville car shop 6-59/123-126;

Erie Lackawanna RR: On trail to profit 6-69/49;

Farmrail Co (Okla.) 6-84/29;

Florida East Coast Ry: Strike torn RR 5-64/60-66; CTC northern half 3-65/143-144; 2 man crew RR 9-76/104-107; Single tracking line 5-90/42-46

Fort Dodge Des Moines & Southern RR: RR & pres. A. P. Wheelock 4-54/105-108;

Gateway Western Ry. Takes over Chicago, Missouri & Western RR Chicago to Ks. City & St. Louis 4-91/21-24;

Genesse & Wyoming RR: 11 mile short line 3-70/82-84; 2-87/23-25;

Georgetown RR: dump train 6-87/22;

Grand Trunk Western RR: Freed from CNR control 7-76/46-49; Automobile loading at Lansing, Mich 1-85/54-56 & 6-85/28-29;

Great Northern: Havre diesel shop 3-46/6-7; Box car construction 8-46/14-15; New electric locos 9-47/35-36; Cleaning rail and applying preservation to sides of rail 3-49/61-62; Cascade Tunnel continuous rail 7-49/33; Relocates 1 mile in Cascades at Nason Creek Canyon 10-49/47-48; Ore car #88608 rebuilding 5-50/71-72; Bieber line 20th anniversary 12-51/116; Inaugurates 3 streamliners to Vancouver, BC and Grand Forks, "Red River" and "Internationals" 7-50/44-46; Reequips "Empire Bldr" 6-51/85-98; Tests containers for mail & express 3-53/83-87; Piggy back service 7-43/70; Allowez ore dock operations and computer use 10-54/103; Caboose X270 pix 7-48/60; Plow & flanger X1666? 4-50/50; Pass. train heater cars 1-51/63-66; Bus-truck replaces Whitefish-Kalispell train 10-51/72; Adjusting lumber loads on flat cars 10-51/88-90; Old cars rebuilt to parlor cars for St. Paul - Duluth run 5-52/137; Snow plow and melter 9-52/129-130; Fire prevention instruction car & program #X1820 9-52/155-156; Converts 4 diners to mail-baggage cars 1-53/118; Mail storage car #2600 & express reefer #2203 pixs 6-53/28; Installs a computer 8-53/64-72; New swing bridge at Swinomish, Slough, Wash 8-53/103; Use of radio on iron range 10-53/77-82; St. Cloud car shop 7-55/62-72; Special issue devoted to all aspects of the RR 5-56/65-210; Gavin Yd (Minot) 12-56/93-98; Use of computers 7-57/99-108; Puget Sound earth slide problem 2-58/77-80; Builds 18 mile branch to new air force base at Glasgow, Mt. 11-58/93; CTC on the iron range 2-61/57-60; Detector car for rails #HR-1 9-61/105-108; Lasers for tamping and track surfacing 12-62/56-60; Radio in Cascade Tunnel 12-62/83-84; LCL frt. 8-63/56-60; Taconite ore hauling & Alouez dock 12-66/74-78; Six short line changes in Montana & Wash. 3-67/94-97; Potash unit train North Dak. to Ill. 12-68/61-62;

Great Slave Lake RR: construction 3-65/110-113;

Great Western RR (Colo./) 6-83/32-33;

Green Bay & Western: Described SLR 2-90/20-23;

Green Mountain RR (VY): Takes over part of Rutland 6-71/67;

Guilford Transportation Industries : Acquires B&M, D&H, MeC 3-84/30-34; Beldon Tunnel near Binghamton enlarged 4-86/41-43;

Gulf Mobile & Ohio RR: pulp wood car 8-50/69; caboose #2884 pix 9-51/187; Puts L.C.L. and local passengers onto highway 8-52/68-75; Consolidated Edison Co unit coal trains 4-65/90-95; Trestle 5-50/43-44; Section & roomette sleeper 12-50/75-76; Pass. train problems 11-51/107, 109;

Houston North Shore RR: Buses with flanged wheels replace trolley cars 4-48/64;

Hudson & Manhattan RR: Grove St. Sta. modernized 9-50/131;

Illinois Central RR: Express reefer #4790 6-46/16; Aluminum reefer #51,000 12-46/8-10; "City of New Orleans" only 1000 mile daytime train 7-47/10-11,13, 14, 19-20; all electric diner 4-49/53-56; Special issue devoted to all aspects of the RR 2-51/31-170; Diesel instruction car 4-52/93-95; new Cairo bridge 4-52/108-116; Markham Yd (Chicago) modernized 8-50/36, 43-44; Heater car for pass. train 1-51/63-66; Cairo bridge replaced 11-50/142; Covered hopper #79345 5-53/132; Radio 6-55/97-98; Paducah shop converted to diesel 7-58/85-90; Eliminates 18 miles of timber trestles in 16 years 8-60/65-68; CTC Edgewood cut off Fulton to Cairo line & St. Louis to DuQuoin line 10-62/65-68; Begins automatic fare collection for suburban lines (In 1999 still punching all tickets plus the automatic equipment) 9-66/163-164; Several articles on all aspects of the RR 7-68/51-104; Piggy back 2-70/36-38;

Illinois Central Gulf RR: Coil steel shipments 10-76/69-71; Commuter gallery (bi-level) cars 7-71/67-69; Gets steel formerly handled by barges 6-75/48-50; "Slingshot" intermodal service St. Louis - Chicago 6-78/44-47; Single tracking main line 5-90/42-46; New Orleans intermodal terminal handled by only 4 men for 130 trucks per day 11-83/46-47; Selling off branches 3-86/31-32, 37-38;

Illinois Terminal Ry" "City of Decatur" 2-49/49-52;

Indiana RR: Start-up SLR 10-88/12-17;

Indiana Harbor Belt RR: 4 man gauge does spot track smoothing 2-54/52-54;

Iowa Central: Blue Island, Ill. terminals & shop 6-88/20, 21;

Iowa Interstate RR: Described 10-86/28-34;

Kansas City Southern "Southern Bell" train 4-49/28-29; Progress special issue 12-51/33-80; Future 2-84/21-25; Marketing 9-90/84-93;

Kansas City Terminal Ry: operations 7-71/58-59;

Keokuk Junction Ry: Described SLR 3-89/21-24;

Kiamicha RR: Described SLR 9-89/20-26;

Kyle RR: Described 1-87/22-25, 28-29;

Lake Terminal RR: diesel shop 12-49/45-46;

Lamoille Valley RR: Described SLR 10-89/9-10;

Lehigh Valley RR: Sayre diesel shop 4-55/69-75; Special issue covering all aspects 11-51/33-72;

Long Island RR: New Hyde Park Sta. 7-49/63; Restructuring frt. operations 6-85/34; Intermodal 3-89/35, 38; Seeking more passengers non commuters SLR 8-99/14-15; Replaces bridge over Reynolds Channel 3-90/59-61; micro wave radio 11-48/32-33; Automatic speed control 10-51/59-62; 3-2 seating coaches #3500 11-53/57-58; $60,000,000 new look 11-55/101-104; Wreck #197 pix 9-56/133; public relations 10-57/75-76; Puts payroll and inventory on random disc computer (first RR application?) 2-59/67-69; The RR and its commuters 2-60/55-58; Resurgence 8-71/34-37, 40-41;

Louisville & Nashville RR: 4 new streamliners, "Humming Bird" and Georgian" 12-46/11-12; Coal frt. operations and branches 2-49/60-67; diesel shop 9-49/28-30; Special issue devoted to all aspects of the RR 2-50/27-108; Diesels 8-51/64-70; Kids special train 7-54/75; M. of W. motorized truck track gangs 4-54/73-74; Hopper car #35499 pix 3-52/138; Nashville yard 12-54/107; Radnor (Nashville) frt. house 12-55/111; Hills Park Yd (Atlanta)12-57/130-138; M. of W. work 7-59/54-59; improvements 8-59/75-76; One spot car shop for frt. cars 9-60/132-134; Birmingham pass. sta. 9-60/161; New sleepers 5-53/68-72; 21' dia. culvert pipe replaces bridge 6-61/120-121; item 11-64/153; Special issue several articles on all aspects 7-67/74-136; Radnor Yd, Corbin, Ky diesel servicing 3-67/129-130; Future 2-79/44-47;

Louisville New Albany & Corydon: 100 years owned by Evans Products Co. 11-83/12;

Maine Central RR: Dieselizes 12-52/52-56; Box car #6444 3-54/154; Acquired by Guilford Trans. Industries 3-84/30-34;

Manitou & Pikes Peak TRR: diesel rail cars replace steam 11-47/46;

Marianna & Blountstown RR: 70 ton diesel 7-49/71-72

Maryland & Delaware RR: Grain train 6-85/33; Corn shipments 6-86/26-27;

Maryland Midland Ry: Acquires Western Md. Ry line SLR 9-89/27-37;

McCloud River RR: 6-84/30;

Mid South RR: Acquires 713 mile Gulf & Mississippi RR 12-88/24-25;

Minneapolis & St. Louis RR: New office bldg 6-51/57-65; RR & Ben Heinemann 9-55/126-132; Rail-barge facility at Keithsburg, Il. 7-57/122; Marshallton, Ia car shop 8-58/75;

Minneapolis St. Paul & Sault Ste. Marie Ry: Shoreham Yd (Minneapolis) frt car shop 9-52/103-107; Ore car #81695 6-53/11 pix; Growth 9-63/62-66, 70-71;

Mississippian Ry: restored 6-88/14, 17;

Missouri Kansas Texas RR: Cuts injuries 43% 8-51/95-98; Dalles industrial development 7-54/97-100; Rehabilitation since 1975 9-82/44-46; Parsons, Ks steam shop converted to diesels & diesel use 6-52/53-66; Consolidates divisions 12-55/105-106; Northern Div. track 8-56/73-74; Traffic promotion 8-60/55-62;

Missouri Pacific RR: St. Louis & Memphis yard communication systems 10-46/19; Line change Tip Top to Gad Hill, Mo 3-49/34-37; 43 day strike 12-49/27-28; Train radio 7-51/32-36; Laredo, Tx frt. house 7-51/75, 77; St. Louis LCL terminal 2-52/58-68; Dieselizes Kansas City shop 12-52/109-120; North Little Rock shop 7-84/32-36; Granite Bend, Mo fill 1-48/18-19; Arkansas River bridge near Ft. Smith raised 5 1/2' 9-50/43-45; Houston frt. term. 9-50/57-58; St. Louis - Poplar Bluff track improvement 11-52/39-42; Truck trailers with wheels removed piggy back 6-56/63; Kansas City classification yd 10-56/151; Special issue devoted to all aspects of the RR 4-57/73-216; Container straddle lift crane for loading on cars 10-60/101; CTC at Little Rock 5-64/87-88; Straightens line Kennett, Mo (Kans. City) to Paola, Ks, 25 miles 8-64/54-57; Tearing up track Reisnor to Cypress, La. 3-66/153-154; LCL & LTL service 3-66/96-102; Intermodal 11-69/68-71; Several general articles 6-72/42-66; U.P. gets approval to acquire 2-83/26-29;

Monongahela RR: Waynesburg Southern RR built for coal 6-68/83-84;

Montana Rail Link: Traffic SLR 7-8-90/37, 39; Described SLR 5-88/22-25 & 6-88/17-21;

Nashville Chattanooga & St. Louis RR: Completes line changes Atlanta to Memphis 10-49/27-37; Mechanizes rail gang 11-53/55; Motorizes track gangs 9-54/164-176; Nashville yard 12-54/107;

New York & Long Branch RR: Matawan fill completed 10-53/162;

New York Central RR: Collinwood, Oh 120' turntable 3-46/9; Pacemaker LCL box car #174584 7-46/5; Loco. #6000, 53,000 miles in 2 months 9-46/8-9; LCL service 3-49/82-86' Expands LCL 5-50/54-58 & 7-51/25-27; New Toledo sta. 12-50/29-36; Pile driver 3-51/71-72; "Pacemaker" first post war streamliner 4-48/51; New Great Lakes coal and ore dock 8-48/16-22; New 20th Century Ltd 9-48/17-19; Mechanizes track surfacing 3-50/73-74; R.D.C. cars put into use 4-50/59-60; Dieselizes equipment, shops, utilization 9-52/35-60; Ticket selling 6-53/66-69; Lyons, NY

interlocking 9-53/175-180; 6 car auto carrier flat car #500085 3-54/63; New management of Robt. R. Young & Alfred Perlman (turned out to be almost a disaster & Young committed suicide over it.) 8-54/56-58; M. of W. equipment repair shop at Jackson, Mich 5-55/63-68; Train X diesel hydraulic low slung train 6-55/148-150 & 4-56/65-68 & 7-56/97-116 on Cleve. -Cinc. run 7-56/97-126; Punch cards used for car reporting 7-55/105-110; Management reorganization & rejuvenation 2-56/59-83 (didn't happen); Tears up 2 of 4 track main line Buffalo to Cleve. & installs C.T.C. 8-56/166-167 & 3-57/85-88; Buffalo's Frontier Yd replaces 8 yds 5-57/78-80; Flexi-van trailers without wheels 5-57/137 & 9-57/160; C.T.C. Toledo to Elkhart 8-57/94-95; Stainless steel hopper car #850141 9-57/201; Robt. R. Young yard, Elkhart, Ind. 4-58/75-76; Special issue devoted to all aspects of the RR 11-60/53-175; Research center 7-57/113-114; Automated train 6 months experience 6-82/64-67; LCL profitable 3-63/78-81; Gearing to customer needs 2-65/60-61; jet powered RDC car 184 mph 9-66/99; Road railer discontinued 10-84/7;

New York Chicago & St. Louis RR: Sleepers 4-50/47-48; Lima, Oh storehouse 4-50/81-84; Peru, Ind. diesel terminal 3-52/53; Caboose #400 11-52/120; Calumet coach yard 7-53/91-96; Steel coil gond. car 6-55/75-76; 250 ton flat car 6-55/76; Bellevue, Oh. 6 mile long yard 12-67/66-69; New Calumet eng. term. 12-51/97-104; Bellevue Yd steam facilities 7-49/41-42; CTC 9-49/81-82;

New York New Haven & Hartford RR: Show trains 8-49/73; Steam heat car L-80 3-53/65-66; Piggy back pioneer 7-54/52-58; Diesel use 1-51/35-37; Pass. service growth 2-53/43-49; Simplifies dining car service and cafe cars 2-53/55-60; Steam wrecker #D4 converted to diesel 6-53/91-92; F. C. Dumaine & frt. & pass. service 7-53/41-47; "Narrows Light" diner with open kitchen 10-53/141-143; M.U. suburban cars 4-54/121-124; Talgo train test 8-54/55; Trailiner piggy back cars & service 4-55/113-115; New el. locos 5-55/119-120; Train X hydraulic driven diesel train 6-55/148-150; Future electrification 7-55/52-58; Installs 81 miles continuous rail this year 9-55/151-152; Use of television 4-56/127-128; Tests 3 light wt. trains: "Daniel Webster" of A.C.F.; "John Quincy Adams" of Pullman Std & "Rogers Williams" of Budd Co. 6-57/75-80; Low slung train locos 6-57/83-84; 8 interlockings at New Haven combined into 1 9-57/183-186; Concrete trestles replace wood 7-60/83-86;

New York Susquehanna & Western: Described 5-87/21-23, 26-27; Operates Del. & HUD. RR 7-88/1, 4; Described SLR 9 & 10-90/20-27;

Newfoundland Ry: Abandoned 9-88/14;

Norfolk & Portsmouth Belt Line: New Elizabeth River bridge 12-58/88;

Norfolk & Western RR: Williamson loco. facilities 11-46/9-=10; #1100 4-8-0 24 hr/day schedule 9-47/57-59; New Roanoke sta. 6-49/40-41; Roanoke pass. car washer 9-49/89-90; Steam turbine loco ordered 9-49/99; "Powhattan Arrow" pass. train 12-49/22-23; Steam turbine loco #2300 7-54/49-51; 250 ton wrecker 8-48/29; Streamlines steam loco. servicing 1-50/49-50; Opens Elkhorn tunnel & track relocation 9-50/74; Williamson sta. modernized pix 9-50/136; Petersburg consolidation 4-51/50-51; Roanoke store house 1-51/85-88; Ballast cleaning 3-52/55-57 & 7-53/85-86; Scrap reclamation 9-53/93-100; Track aligner & M. of W. work 3-54/109-114; Dieselization 6-59/90-92; Special issue devoted to all aspects of the RR 11-59/66-169; Hopper car 85 tons 3-61/81; Pier #6 Norfolk 11-63/cover, 80-83; Bellevue, Oh. 6 mile long yard 12-67/66-69; Piggy back catch-up 11-68/72-74 & 11-72/48-50 Success of RR and coal 8-75/53-60, 66-68, 72-77, 80-81; & 11-76/56-58; #8500 G.E.Co C36-7 loco 6-81/67-68;

Norfolk Southern RR: Described 6-83/24-25; Wants to buy Conrail 3-84/19; Future 2-85/22-40; "Thoroughbred" sales program SLR 11-88/10-12; Front Royal, Va. Va. Port Authority intermodal terminal 5-89/29-32; Triple Crown Service (road railers) 6-89/27-28; Good performance 7-89/30-35; the RR and pres. McKinnen 1-90/21-29;

Northeast Oklahoma RR: Radio use 11-53/77;

Northern Pacific Ry: M/W. crew car 9-47/33; Rotary snow plow #50 5-50/65-68 Laying welded rail in Montana 10-51/83-86; Radio dispatching 9-51/66-70; Box car #1108 pix 12-54/106; Mechanical reefer NPMX #100 5-55/83-87; Pasco yard 1-55/77-98; Box car pix #26444 9-56/62; Special frt. cars to transport wings for Boeing, 14 cars 8-57/124; Stock cars for pigs 4-58/134; Dial telephone system of the RR 6-58/105-110; Laser used for track resurfacing 11-63/87-88; Centennial and future many articles 7-64/90-157; Line change Athol - Granite, Id. 5-66/115-116; Covered hopper "Conditionaire" #419908 6-69/57-58;

Ohio Central: described SLR 7-89/17-22;

Otter Tail Valley RR: Described SLR 11-88/13-15; Files for abandonment 93 miles SLR 9 & 10-90/7;

Pacific Great Eastern RR: Extension to Fort St. John and general operations, microwave use 12-58/77-86;

Peabody Short Line: Radio 6-60/93-94;

Pennsylvania: T1 loco. performance 1-46/6-7; #8200 S2 steam turbine performance 2-47/8-9; Overnight 44 seat coaches #4100 2-47/25; Radio communication 10-47/19-23; Radio train telephone 11-47/31-34; Cleaning el. locos 11-47/43; Chicago dining car commissary 1-49/63-65; "Broadway Ltd." reequipped 4-49/21, 23' Track laying 6-49/75-76' Dieselizes 8-49/26-38; #5671 Lima Hamilton 2500 hp transfer loco 7-50/67; New *congressional and Senator* trains 4-52/60-86; 50 ton crane #490729 12-52/69; LCL coordinated trucking 3-53/50-54; Wreck cars 3-53/123-124; Frt. car repair shop[2-54/83-87; Buffet bar car 2-54/129; Nov. 1956 issue was devoted solely to the Pa. There are about 150 pages devoted to the following subjects: The great future for the RR (That was a joke! A real snow job by the management on unsuspecting reporters.); Finances and future, facilities map, 2800 trains a day, electrification, marketing, , LCL service, Tructrain (piggyback), public relations, passenger service, Commuters, capital improvements in yards, ore docks, dieselization frt. car improvements, shops, test lab, track improvements & mechanization, communications & signals, accounting materials handling, Penn Center, Phila.; "Jefferson" recreation car 5-48/51-52; Burlington, NJ pass. sta. 3-50/87; Removes 4 tunnels on Pitts-Columbus line 1-51/78-82; Abandons Broad St. Sta. for 30th St. 8-52/61-66; Largest frt. car, 124' & 250 ton capacity 11052/158; The RR and pres. James M. Symes 2-53/63-70; Training college grads engineers for M. of W. and M. of Equipt. 7-53/37-39; Matawan, NJ trestle filled 10-53/162; Greenwich Point coal dumper pier, Phila. 4-54/56-57; Starts piggy back 2-55/53-55; New 30th St. Sta ticketing 3-55/60-61; Rail Trailor Corp piggy back train N. Y. - Chicago begun 4-55/147; Future electrification 7-55/52-58; Reorganizes top management 11-55/134-135; Samuel Rea car shop at Hollidaysburg, world's largest 12-55/55-57; Conway Yd, Pittsburgh for 9000 cars per day 3-56/119-128; Rubber tired "Switchmobile" at Jersey City and Baltimore 4-56/122; Low slung "Keystone" train 8-56/61-64; New Penn Sta. ticketing 5-57/110-118; 3-2 seating commuter cars 8-58/77; New el. loco. #4400 12-60/87; 215 ton track scale at Waverly, N. J. 8-53/99; New M.U. cars for Phila. 5-63/85-86; Initial unit train (P.P.&L.Co.) 8-64/48-51; Daylighting Radebaugh tunnel at Greensburg, Pa. 9-65/142-143; Kearny piggy back terminal 9-65/136-137; Metroliner 11-67/58-66;

Penn Central RR: Evolution of a new RR, 4 articles 5-68/60-75; Ashtabula facility 6-70/71, 73; Map of lines and plans on keeping or tearing up 8-72/40-41; tunnel under Welland Canal, Ont. 3-73/62-63; Intermodal 4-72/46-49 & 4-73/60-63 & 6-73/56-59;

Pennsylvania - Reading Sea Shore Lines: RDC car usage 10-51/49-52;

Pinsly RR ex Class I RR branch SLR 12-88/21-22

Pioneer Valley RR: Marketing program 7-90/30;

Pittsburgh & Lake Erie RR: McKees Rocks diesel shop 11-55/129; Gateway Yd at E. Youngstown 7-58/66-68; Starting diesels by telephone 10-54/47; Gond. #40664 pix 4-61/58; Lowers track thru Pittsburgh tunnel 4-21/113; River-rail transfer at Coloa, Pa. 6-86/24-25; Attempts to sell RR & union problems 5-88/5, 10-11 & SLR 5-88/3-5, 7, 20-21; Problems union SLR 6-88/9; Case heard by Supreme Court on labor problem SLR 4-89/1, 4; By 5-4 vote Supreme Court sides with P&LE SLR 7-89/1, 4; Sale approved SLR 4-90/1, 4;

Pittsburgh & West Virginia Ry: Diesels and frt. service 4-54/111-114; Concrete roundhouse converted to diesels 3-49/93-96;

Providence & Worcester: Described SLR 5-89/1, 4, 28-29;

Public Belt RR of New Orleans : Union pass. sta. 6-54/53-84;

Quebec North Shore & Labrador Ry: 250 ton crane 9-52/184; Ore car #2000 pix 6-53/10; Ore cars 9-53/112-120; Series of 5 or 6 articles covering many aspects of the RR 12-54/55-91; Construction 8-51/71-72;

Rail Tex: New short line operator SLR 7-88/18-21 & 8-88/21-23

Reading Ry: Radio 3-46/11; Air brake and diesel instruction car 11-53/72; 2400 hp #801 "Trainmaster" loco use 7-55/77-78; consolidates interlocking at Reading & CTC and addition track for coal trains 12-55/135 & 12-56/65-68; Mechanizes section gangs 10-56/117-121; 3 new Port Richmond (Phila.) grantry cranes pix 7-57/137; Earnest P. Gangwere, pres 7-60/91; Use of M. on Port Reading line 12-62/68-70; High horsepower diesel use 9-64/112-113; Finances 1956-1965 4-66/70-74; Bee-Line frt. service 2-67/58-62; Intermodal 4-72/46-49;

Red River Valley & Western: Described SLR 8-88/6, 8;

Richmond Frederickersburg & Potomac RR: Car retarders at Potomac Yd 11-46/14-16; Radio use in frt. yard 1-5-/53-54; service 7-57/93-94; Potomac Yd goes push button 9-60/111-114; Reopens 26 mile long unused Dahlgren RR line of U. S. Navy near Fredericksburg 7-69/55; CTC 5-71/55; Potomac Yd 10-81/16;

Rutland RR: "Green Mtn. Miracle" description of operations 10-55/57-74;

Sacramento Northern Ry: 5 44 ton diesel pix 10-51/38;

Saint Johnsbury & Lamoille County RR: 70 ton diesel 7-49/71-72; $5000 contributions needed to save cover bridge 4-68/108 pix

Saint Louis San Francisco RR: 188' trestle replaced in 4 days over Matese Creek, Saint Louis county, Mo 9-49/55-56; CTC in Mo & Tx 8-51/30-34; Springfield, Mo diesel shop 10-50/86-88; Safety program 9-51/33-36; Section gangs replaced by district gangs 9-51/97-100; L.C.L. handling 6-52/126-130; Mail handling by container 9-52/113-116; Radio for car checking 2-53/39-41; Springfield diesel stores dept. 8-53/53-54; Lab at Springfield 9-55/97-99; Cuts M. of W. force 37% in 4 years 4-56/168; Carrying baby chicks Clinton, Mo to Kansas City 8-56/117; Caboose #20 6-57/93-94; Scheduling diesels 9-57/171-172; Memphis's Tennessee Yd 10-57/78-90; Special issue devoted to all aspects of the RR 11-61/43-122; Centralized dispatching on 1360 miles 4-66/69; Frt. & profitability 9-66/101-104;

Saint Louis South Western: CTC consolidated 7-54/91-92;

Saint Paul Union Sta: Interior pix 3-57/131-132;

San Diego & Arizona Eastern RR: Part to be abandoned after hurricane 4-77/19;

San Diego & Imperial Valley RR: 2-89/165-17, 20;

Sand Springs RR: Operation 8-72/44-45;

Santa Maria Valley RR Operations 5-72/48-49;

Seaboard Air Line RR: CTC dispatching 1-49/48-51, 54, 57-58; Jacksonville diesel shop 3-48/59-60; M. of W. shop at Hamlet, W. Va. 9-52/161-167; 1500 miles of CTC 10-55/49-52; Hamlet Yd improvements and radio 4-56/75-78; Lounge coaches 6-56/107; Used tape recordings when CTC machines were moved 7-57/117; Pass. service 8-57/81-86; Special issue devoted to all aspects of the RR 5-58/48-183; Concrete ties 5-60/124-128; Hot box detectors 6-62/61-62;

Seaboard Coast Line RR: Consolidation SAL & ACL several articles 10-71/40-44, 50-73; Attempt to make intermodal profitable 4-77/46-48; Unit train hauls soy beans to Fl and then phosphate to Ind. & Oh. 6-79/54-55; Microwave for 700 miles 8750/53-55 or SAL 8-50/53-55;

Seaview Transportation Co: Serves Rhode Island Port Authority SLR 2-90/24;
Soo Line: Described 11-82/32-36; Progress since getting Milwaukee RR 8-86/14-33;
South Branch Valley RR: Described SLR 5&6-90/12-19;
Southern Ry: Birmingham LCL frt. sta. 8-47/17-17; Diesel servicing at Atlanta 6-49/90; Lake Pontchartrain trestle 12-49/59; Wolf Creek Dam relocation project & bridge at Burnside, Ky 3-51/127-132; "John Sevier" Yd. Knoxville 8-51/39-63; Salvaging ballast and ties when removing one track 11-51/.100-102; Hayne, SC scrap yard 4-51/98, 100; Special issue devoted to all aspects of the RR 4-53/43-245; Moving limestone 6-79/52-53; Atlanta laundry for dining cars and sleepers 9-51/121-124; "Slug" diesel for hump yards 5-52/157; Ballast cleaning 9-52/65-67; Ernest Norris Yd at Birmingham 11-52/89-118; Citico Yd (Chattanooga) 7-56/73-76; Box cars with sides that fully open up for lumber 2-50/93; 100 ton gond. cars for coal mines 6-60/105-106; Aluminum covered hopper #8000 6-60/111-114; Articulated hopper car 9-65/134-138; Many articles on all aspects 8-66/91-157; Aluminum cars after 10 years 2-70/42-44; Container use for intermodal 11-74(?)/58-60; the RR and Pres. Crane 10-86/35-40; Spencer Yd, Linwood, NC approaching fully automated hump yd. 7-81/38-40;
Southern Pacific: Radio and telephone loco. communication 5-47/13; San Joaquin bridge replacement near Herndon, Cal 4-49/68; "Shasta Daylight" 7-49/25-27; Taylor Yd, Los Angeles 5-50/32-34, 36; Eliminating grade crossings at El Paso 4-51/75-80; Train radio 4-51/83, 85; Bay window cabooses 7-51/45-46; Radio at New Orleans & El Paso 11-51./87-90; West Oakland M/W shop 2-52/37-44; Car reporting with tape and punch cards 12-52/71-88; 24 mile Purente bypass line at Los Angles 7-54/87, 89; Aug. 1955 issue was devoted solely to the S.P. There are about 120 pages devoted to the following subjects. Things are booming, Pres. D. J. Russell, facilities map of the RR, fast freights, automation of accounting and controls, diesel locos, new frt. yard at Roseville and LCL handling, pass. service, , commuter service, public relations and advertising, track upgrading, CTC signaling, communications telephone, radio, microwave, frt. car ownership, , diesel shops, purchasing dept, materials test lab, accounting & paperwork; Loco. test plant 1-48/25-26; Radio replaces wires 5-48/28, 32; "Sunset Ltd" and "Shasta Daylight" & "Cascade" pass. trains 9-50/29-36; Sacramento loco. test lab 6-52/71-74; L. A. diesel facilities 6-52/78-81; 250,000 tons LCL per year 6-52/107-110; Stores dept. 6-52/117-120; Earthquake knocks out Bakersfield to Mojave line 9-52/97; Sells tickets by telephone 2-53/75-84; Radio in Sierra and Cascades 6-53/191-196; Pass. service and Claude F. Peterson, mgr 11-53/65-70; Frt. car repairs and quota system 8-54/77-78; 2 level dome car 9-54/63-65; Houstons' Englewood Yd 2-56/166-157; Micro wave at Dunsmuir, Cal., first use 4-56/111-112; Great Salt Lake trestle fire 8-56/86-90; 185' fractionating tower - longest load ever shipped 7-57/137; spot system for car repairs 9-59/140-142; CTC in Az & NM 12-59/77-78; Use of computers for car track 5-57/131-134; Richmond Yd of 8 tracks modernized 12-64/51-52; Palmdale - Colton cut-off 12-67/73-75; Proposed "coaxial train" low center gravity for frt. 10-69/83; Keeping track of 91,000 frt cars, 2200 locos, 12 states 12-69/46-50; Future and profile - many articles 7-70/60-125; Colton Yd 7-73/58-59; #7030 2800 hp diesel built by Morrison Knudson 4-78/55-56; Signal system changes 8-83/38-43; Raising the line across Gt. Salt Lake 8-87/35-37; D&RGW merger 12-88/39; Proposed merger with S.F 8-80/36-40; Reopens MODOC line Klamath Falls to Winnemucca closed for a year 3-89/52-55; Radio dispatching instead of dispatching El Paso to Tucumcari line & elsewhere 8-85/24-26;
Spokane Portland & Seattle Ry: Keasey Branch line relocation 3-52/80; Rehabilitation track, cars, signals, shops 5-53/77-130; M. of W. equipt. shop 3-52/85; Wood chip cars from gond. cars 6-60/143;
Springfield Terminal RR (Vt): Launches piggy back service 8-59/133;
Stockton Terminal & Eastern RR: New packing sheds for fruit 3-60/125; Operations 4-72/70-71;
Tennessee Central RR: M. of W. 7-60/65-68;
Texas & New Orleans RR: Hopper car #133 3-54/93-96;
Texas & Pacific RR: Morganza flood project 3-50/76; Weed sprayer car X4323 9-50/136; Heater cars for pass. trains 1-51/63-66 & 2nd car, #82?, 9-51/72; Modernizes 1920s coaches 3-52/132; Safety program 1-53/101-106; Several general articles 6-72/42-66; Radio from tender platform on switchers 3-47/20-22; Loco. #632 has 2 boosters on trailing truck 3-47/35; Dallas frt. sta. 10-49/54-55; Ft. Worth high bridge replaced 6-51/144;
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Union Pacific RR: #50M first Fairbanks Morse opposed piston diesel 8-46/10-11; Constructs 300 stock cars with roller brgs. #48216 6-47/17; 17 new diners & dry ice 4-49/59; Denver commissary 6-49/70; #50 Also-GE gas turbine begins service 7-49/59-62 Double tracks Altamont Tunnel, Wyo 1-50./37, 39; New diesel drive rotary snow plow #50 5-50/65-68; Gas turbine #50 3-51/36-39; Rail detector car #DC-2 3-51/35; Denver car shop 8-51/89-90; Laundry 2-52/56; "City of Denver" pass. train 2-54/73-76; Kansas City classification yard and 200 car reefer re-icing dock 10-54/93-96; Pocatello classification yard 3-48/63-65; 2nd 6700' Aspen tunnel 5-48/18; North Platte classification yard 12-48/55-57; Sleepers 3-50/81; #075 rotary snow plow 3-50/93-94; CTC Salt Lake City to L.A. 8-50/60-63; M. of W. shops 9-50/53-54; Bus service in L. A. area 9-50/67-69; Rebuilds drop bottom gond. 9-50/105-107; Adopts book style of tickets rather than long pasted ticket 10-51/100; Punch cards for car reporting 1-52/75-79; Gas turbine loco. #51 6-52/89-91; New line Cheyenne to Hermosa Tunnel cuts grade 5-53/44-54; Metal stock cars #48984 6-53/166; L.A. diesel shop 7-53/64-68; Propane fueled gas turbine #57 with tank car GATX #75224 8-53/41-44; Radio for car checking 8-53/79; CTC expansion 8-53/113-118; North Platte Yd automation 12-54/53; Tri level diners 7-55/84-88; 2000 miles CTC 9-58/120-126; Microwave 3-61/73-77; Bridge near Am. Falls Dam replaced 5-61/113; 5500 hp Alco & 5000 hp Gen. El. diesels 7-63/103-104; Test laboratory car #210 11-66/149-150; Special issue of many articles 5-69/521-113; Gets approval to acquire M.P. and W.P. 2-83/26-29; North Little Rock shop opens 7-84/32-36; the RR today 5-85/28-50; Seeking new rail lines 9-89/44-51, 61-67; 1-91/12-18;
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Rapid transit misleading and false statements by detractors 11-74/68-70; anti rail bias 5-75/70-73;
Transit survey 1982 city by city 5-82/47-54. Each year this survey appeared but not always in the same month. I did not index later articles.

Atlanta, Ga: MARTA plans 2-75/60-62; 6-79/58-61
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Boston: MBTA - Extension to Quincy 9-71/119-123; Modernize newly acquired commuter lines 9-77/92-95; MBTA replaces fire damage trestle and rebuilds North Sta. 10-85/32-34;
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Plymouth Loco. Wks: 40 ton fluid drive 250 hp 6 wheel loco. 9-52/20; 4 wheel 25-40 ton locos 4-57/233; Current models 9-77/31;
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Chicago RR exhibit convention cars & equipment 10-67/121-213 (many pages are adv.)
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Chicago Railroad Fair 7-48/16-26; 9-48/39; RR fair returns 6-49/51-54;
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Garbage hauling: Potential 6-89/43-47; not very successful 10-90/23-29;
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University of Illinois Ry engineering courses 10-83/32-35;
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Piggy Back (TOFC): (Note: *Modern Railroads* was a strong advocate of this service. I did not index many articles because of redundancy) Rates may kill it 7-53/35; End ramp loading 2-54/97; Progress 2-54/47-51 & 12-55/61-72; 35' single axle cars for piggy back service by Trailer Train Co 2-56/103; Progress 12-56/117-126; potential 3-57/107-110; progress 4-58/78-84; Plan 5 piggy back 7-59/69-74; present status 4-60/58-66; piggy back perishables 9-62/110-114; Future 11-62/70-83; 10th anniversary problems and future 11-64/96-104; Affects of the recession 11-71/44-48;
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Road-railers: "Railvan" runs on both rails and roads. C&O RR tests rail-van 8-59/105-106; Road railer in use by General Motors Co 9-85/78;
High Productivity Integral Train HPIT for short haul intermodal 11-87/27, 29;

NATIONAL CAR BUILDER 1870 - 1885
NATIONAL CAR AND LOCOMOTIVE BUILDER 1885 - 1895

This monthly magazine had few drawings until 1879 and no photographs until 1889. In 1886-87 Angus Sinclair was editor before beginning *Locomotive Engineering.* With few exceptions I indexed illustrated articles only. Non illustrated were mostly news items. Indexed illustrations in advertisements are indexed to a specific issue but usually ran for at least a year.

STEAM AND ELECTRIC RAILROADS

Alabama Great Southern Ry: Tomlinson's dump car (first hopper car of future std. design of hoppers 12-90/190;
Atchison Topeka & Santa Fe Ry: 30' stock car #15000 11-80/169; 50' std. baggage car 1-81/5; Dining cars 10-93/165;
Atlantic & Great Western: Leased locos 3-79/37;
Atlantic Avenue Ry (Brooklyn) Baldwin seam car #2 4-76/58;
Atlantic Coast Line #153? 4-4-2 11-95/167;
Baltimore & Ohio RR: 58' coach 6-83/67-69'; 8 wheel steel hopper car #23229 in shape of 3 rounded vertical tanks, 21' car 4-84/46-47 & 5-84/59; Mont Claire pass. car roundhouse built (now B&O museum) 6-84/72-73; 34' furniture box car 8-84/98-101; Parlor cars 12-85/159; Hopper bottom gondola car 6-86/74; Coach floor plan 9-90/134; Hopper bottom gond. 9-92/136-137; Std. coach 2-93/18-19 & 3-93/insert; *Royal Blue* car plans 6-93/98; #123 4-6-0 at World's Fair 7-93/104; 8-93/131; Combination stock, box & coal car 3-95/37; #1 el. loco. 8-95/121; Postal car 12-95/180-181;
Billerica & Bedford RR: Forney loco 3-78/35;
Boston & Albany RR: Sleeping car #212 3-81/32-33; Dining car 3-85/34; Origin of the loco. cab c.1838-39 7-88/112; coach 3-91/39+insert;
Boston & Lowell RR: Parlor car 4-85/44-45;
Bright Hope Ry (Va): 4 wheel narrow gauge jimmie coal car 9-82/101;
Buffalo New York & Philadelphia RR: Derrick car 5-84/54-57;
Burlington & Mount Holly Traction Co: Interurban car #3 for Pa. RR Mt. Holly Br. 8-95/118;
Burlington Cedar Rapids & Northern RR: President's private car L/O 1-95/3;
Canada Southern: Fontaine loco. 4-2-2 tested 12-81/146-147;
Canadian Pacific Ry: 2-8-0 5-87/60-61; #456 4-6-0 6-89/82-83; #456 5-93/72-73;
Central Pacific RR: 4-10-0 7-83/78-79; Tie spotting car for track laying 12-83/140-141; Ice flanger car 1-84/6; Box & fruit car 1-84/8-9; Fruit car 6-84/68-70; Gond. car 6-84/74-75; 4-6-0 wood burner 3-86/32; #200 4-8-0 3-95/36;
Central RR of New Jersey: #210 2-4-0 pix 1-74/xii adv. page; #385 4-4-0 2-93/23; Std. pass. car #516 6-93/90;
Chattanooga & Lookout Mountain RR: #1 2-6-4 "Mississippi" 1-89/2
Chesapeake & Ohio RR: Drop bottom gond. car 4-86/49;
Chicago & Alton RR: 30' stock car 6-80/93; #137 4-4-0 3-82/28-29, 32 & 4-82/40, 41; 2-6-0 1-88/4-5;
Chicago & North Western RR: Dining car "Illinois" 7-81/84; #26 4-4-0 8-81/96-98; main line coach 1-83/6-7; 0-4-0 2-83/17; 32' gond. 3-83/30; Furniture wagon car 11-85/149; 20 ton ore car 11-86/149; #626 4-4-0 on Jay Gould special averaged 62 mph 6-91/97; #820 4-6-0 & #819 4-6-0 12-92/183; Loco. "Pioneer" 4-2-0 2-93/23; #400 4-6-0 6-93/97 & 5-94/72-73;
Chicago & Northern Pacific RR #5 2-4-4T 10-91/151;
Chicago & South Side Rapid Transit RR: : 0-4-4 loco. 5-92/80; coach #51 8-92/127;
Chicago Alton & St. Louis RR: Loco. with Wm. Wilson spark arrester 10-97/137;
Chicago Burlington & Quincy RR: #72 4-4-0 class A & #112 4-4-0 class B & #342 0-4-0 class E & #335 0-4-0 class F 2-80/28-29; 28' box & grain car 4-80/62-63; 30' stock car 9-81/108-109; RPO car #72 5-83/51; Box car 10-83/116-117; Dynamometer car 2-86/18-19; Scale test car 4-86/46-47; Coach 11-87/134-135; #550 4-4-0 10-93/158-159; #590 2-4-2 12-95/182;
Chicago Milwaukee & St. Paul RR: #797 4-6-0 1-91/2+insert; Stock car 11-94/164-165;
Chicago Rock Island & Pacific RR: 4-4-0 std. design 3-93/34-35;
Chicago St. Paul Minneapolis & Omaha RR: #174? 4-6-0 6-92/95;
Cincinnati New Orleans & Texas Pacific Ry: 0-6-0 12-83/138; Fruit car 9-94/143;
Cleveland Columbus Cincinnati & Indianapolis RR: Pass. train built 1849-50 for Cleve., Col. & Cinc. RR in an issue May to Oct. 1883; 8 wheel caboose 12-74/179; Derrick car 9-83/102-103; Pass. car 7-84/86-87, 89; Tender for #636 11-84/140-141;
Cleveland City Ry: first vestibuled street car 11-93/180;
Columbus Hocking Valley & Toledo RR: 2-6-0 3-94/44-45;
Concord & Montreal RR: #38 4-4-0 8-95/120;
Delaware & Hudson RR: 4 wheel coal jimmie 12-84/154-155; Dining car 10-93/165; #121 4-4-0 6-95/87;
Delaware Lackawanna & Western RR: Scranton shop 1-76/7-8 no pix; #242 4-4-0 12-90/179+insert; Loco. "Morris" boiler explosion 12-90/186;
Delaware Susquehanna & Schuylkill RR: #19 2-6-0, largest mogul in world 6-94/84;
Denver South Park & Pacific: Sleeping car 1-80/3;
Duluth & Iron Range RR: #60 4-8-0 9-93/149;
Duluth Missabe & Northern RR: #300 2-8-0 7-95/101;
East Tennessee Virginia & Georgia RR: Knoxville shop L/O 11-90/173;
Fitchburg RR: pass. car construction pix 3-84/26-29; Fitchburg car shop L/O 10-90/148-149;

On Jan. 1, 1891 it was acquired by the *American Engineering and Railroad Journal* . The two magazines were combined in 1896, and eventually became the *Railway Mechanical Engineer*

I did not index 1870-1873, volumes 1-4. Because of the few illustrations, probably little of consequence was missed.

Grand Trunk Ry: 6 wheel double truck box car 2-75/21; 4-4-0 with 78" drivers 5-86/60-61; 4-4-2T frt. loco. 10-86/132-133; 4-4-0 3 cyl. Webb compound 11-86/144-145; 2-6-0 11-87/146-147;
Gulf Colorado & Santa Fe: Pile driver car 7-82/78-79;
Hannibal & St. Joseph RR: Business car 7-75/111;
Highland St. Ry (Roxbury, Mass) car 6-80/viii adv.;
Illinois Central RR: 2-8-0 10-81/122-123; Box car #3297 28' 12-81/150-151; Snow plow 11-83/128; Suburban pass. car 5-86/62; Suburban car #60 2-4-4T 8-87/108-109; Fruit car 9-87/118; Worlds Fair car 10-92/154; #232 2-6-4 4-93/61;
Intercolonial Ry: 4-4-0 old #159 and rebuilt loco. #154 3-95/39 & 6-95/82;
Keithsburg & Eastern: Pass. car 11-75/165;
Lake Shore & Michigan Southern RR: #596 4-6-0 12-92/186-187; #599 4-4-0 for Exposition Flyer 8-93/122-123 & 9-93/150; #564 11-95/insert & 12-95/183;
Lehigh Valley RR: 2-8-2 "Bee" rebuilt from 4-10-0 10-84/126; Inspection loco. later named "Dorothy" 4-2-4 11-84/144-145; 20 ton coal car 1-85/8-9; yard ram car 3-86/34; 4-4-0 camelback 11-95/164-165;
Louisville & Nashville: 12 ton 4 wheel gond. #1124 1-78/5; 30' box car 4-81/41; 30' gond. 4-81/45; 30' stock car 9-81/102-103; 30' fruit box car 2-83/21; wrecking car 4-83/43; 4-4-0 3-83/32-33 & 4-83/38-39 & 5-83/55;
Louisville Harrods Creek & Westport: Pass. car 11-75/165;
Louisville New Orleans & Texas Ry: Business car floor plan 5-85/60;
Maine Central: 2-6-0 4-91/53-54 + insert;
Market Street Ry (Phila.) Steam street motor by Baldwin tested 6-77/82-83;
Mauch Chunk Switchback: Ride, no pix 10-82/116;
Michigan Central RR: Dining car 9-84/110; Dining car 6-85/79; 4-6-0 compound 2-90/18-19 + insert; #38 4-6-0 1-91/2; Loco. made of flowers 1-95/10;
Missouri Kansas Texas: 28' box car 9-79/131-132; 28' low sided gond. & flat car 28' 1-80/5; 28' stock car #1369 3-80/40-41;
Morgans Louisiana & Texas RR: #27 0-4-4 5-80/80+ insert;
New Haven & Northampton RR: 5-83/57-58;
New York & Manhattan Beach RR: parlor car 8-79/118;
New York Central (& Hudson River) RR: 29' box car 1-82/9-10; 29' stock car 2-82/18-19; Drop bottom gond. 29' 11-82/128-129; 29' hopper bottom gond. 9-83/104; 4 wheel caboose 8-83/90-92; Class A Std. 4-4-0 7-" drs 12-85/157 & 1-86/4; #677 4-4-0 9-89/130-132; Novel parlor car 1-91/6; Empire State Express inaugurated 11-91/171; Pass. car 5-92/70-71 & 6-92/88+insert; Hopper gond. car 11-92/166-167; Class N 4-4-0 6-93/88-89; #99 6-93/insert; Std box car 5-94/68-69;
New York Chicago & St. Louis RR: Mackenzie loco. boiler 8-91/121;
New York Elevated RR: 2-74/19;
New York Lake Erie & Western RR: 20 ton gond 25' 5-80/76-77; Coach 9-84/112-115; 25 ton box car 2-87/18-19; 2-8-0 6-87/76; 4-4-0 4-88/52-53; Poling car 2-95/27;
New York New Haven & Hartford RR: 4-4-0 "Ataior" built at Hartford shops 5-80/80+ insert; 14 ton capacity., 30' box car 10-80/156-157; 29' gond. 2-81/17; 4 wheel side dump car 6-81/67; Dining cars 3-85/34; El. cars 7-95/100; 4-4-0 compound 9-93/140-141
New York Ontario & Western: 216' hopper bottom gond. 12-82/136-137;
New York Susquehanna & Western RR: Palisades tunnel 3-94/37;
New York West Shore & Buffalo RR: Frankfort, N.Y. sta 1-85/7; Std. loco designs class A & B 4-4-0, C 2-8-0, D 0-6-0T; 1895/ check magazine's index, between Jan and Sept.; Std. #5 sta. 9-85/116;
Norfolk & Southern RR: Iron flat car #354 3-94/40-41;
Northern Pacific RR: Business car with floor plan 7-86/92; 4-4-0 boiler, 18"x24" cyl. 1-87/11; Exhibit car for land sales 10-95/150 & 11-95/165;
Oakland San Leandro & Hayworth El. Ry.: Loco #100 & 3 car train and loading wagons on flat cars 9-95/145;
Old Colony RR: 4-4-0 9-80/180-181; Parlor cars 4-85/44-45; #132 4-4-0 3-87/32-34; Dean's compound loco. 8-91/119;
Pennsylvania RR: Manual block signal sta. pix 12-78/178; pass. car seat 10-79/145; 30' box car 9-80/48; Class A 4-4-0 11-80/174-175; 30' box car 12-80/183; Pass. coach 5-91/70-71 + insert; Std. 4 wheel pass. car truck 8-91/127-128; Class O boiler 2092/22-23; Krupp gun car, 122 tons, 5-93/70; Columbia Expo excursion coach #373 8-93/122; Ardmore, Pa. sta. 6-94/94; Class P 4-4-0 3-95/34; Interurban car #3 used on Mount Holly, NJ, branch 8-95/118; 35 ton hopper car used in 1894 9-95/134-135; Base relief panel at Broad St. Sta. 9-95/141;
Pennsylvania Traction Co: Proposed 4 track trolley Phila. to Harrisburg 5-94/69;
Philadelphia & Reading RR: 20 ton hopper gond. 3-84/31; Coach 3-84/32 & 4-84/44-45; Wrecked pass. cars at Greenville, NJ 3-85/33; "Illinois" 1852 4-4-0 first successful anthracite loco. 3-88/38; Classification book drwgs of class KC56 & 56 4-4-0 & IC 75 & 50 2-8-0 4-88/59; Frequent loco. boiler explosions 6-93/91; #385 4-2-2 9-95/137;
Pittsburgh Cincinnati & St. Louis RR: Coal #47 with fire extinguisher 4-87/49;
Pittsburgh Fort Wayne & Chicago RR: #156 4-4-0 Class A 6-81/insert;

Richmond & Alleghany RR: 23 1/2' coal car 4-82/44-45; 23' stock car 5-82/56-57; 33' box car 8-82/92-93;
Saint Lawrence & Adirondack RR: #61 2-8-0 1-94/2-3;
Saint Louis & Southeastern RR: 4 wheel coal gond. 3-79/35;
Saint Louis Southwestern Ry: Vestibule tender of loco. #104 11-95/168;
Saint Paul & Duluth RR: Claymont (St. Paul) shops plan L/O 6-87/79;
Southern Ry: Std. hopper bottom coal car 5-95/66-67;
Texas Western: Combination car 11-75/165;
Third Avenue Cable Ry (New York City) Steam motors tested 7-79/102; U. S. Mail Car #F 11-95/173;
Union Pacific RR: Emigrant 14 section sleeper 11-83/124; Air brake instruction car 4-87/46; switch engine boiler 9-90/132-133; 4-4-0 #850 for fast mail 1-93/23+insert & 2-93/27 pix;
Wabash RR: Class F 4-4-0 #175 4-92/54+insert; #420 4-4-0 8-95/119;
Wabash St. Louis & Pacific RR: #152 4-4-0 1-82/4-6 & 2-82/16-17;
Western & Atlantic Ry: Loco. "General" recent pix 6-87/79;
Wisconsin Central RR: Dining car 8-86/107;

PRIVATE RAILROADS & EQUIPMENT OWNERS
Bank of Chicago private pass. car 1-76/5
Cross Creek Coal Co. #23 0-4-2 of Drifton, Pa. 7-95/108
Goyer mollases tank car #111 4-95/54
Lackawanna Live Stock Expres Co: #1734-91/60

FOREIGN
Argentina: First 0-4-0T & present 6-92/89; Southern Ry pass. cars 6-94/89; First loco. built in S. Am. (F.C. Oesta Western Ry) 1-95/7;
Austria: Royal train 6-93/92-93;
Belgium: Triple boiler loco. 6-94/97;
Brazil: #178 2-10-0 for Don Pedro II RR of Brazil 6-85/78;
Burma: State Ry 4-4-0 loco. & 3rd class pass. car 9-95/132; Frt., pass cars & 0-6-0 frt. loco. #117 2-95/22-23
France: Sleeping car #333? 2-93/20-21; Eastern Ry of France 4-4-0 freak 4-92/57; French Western Ry Govt. hospital train 6-94/95; Heilmann el. loco. 6-95/96; 4 wheel ballast car 11-95/169; 0-8-0 with 220 psi frt. loco 11-94/167;
Germany: Emperor's private car 12-95/185;
Great Britain
Caledonia Ry #124 4-4-0 9-86/116-118; Dining car 4-93/57
City & South London Ry: El. loco. by Siemens Bros. 10-92/160;
Great Eastern Ry: #999 0-6-0 6-93/100;
Great Northern Ry: Dining car 9-94/136
London & Northwestern Ry dining cars 493/57 4-93/57; #2524 0-8-0 2-93/28;
London & South Western Ry: #580 4-4-0 5-93/78;
North Eastern Ry: Dining car 6-95/83;
Hawaii: Oahu RR depot & line and RRs on the island 9-92/144
Hungary: 4 cyl. 4-4-0 compound #733 9-91/134-135
Ireland: Great Southern & Western Ry: Old 2-2-2 & #62 4-4-0 6-95/97;
Japan: N.T.K. #1 2-6-2T 9-94/134;
Mexico: Mexican Central Ry: Johnstone's 4 cyl. loco. 4-6-0 + 40609 articulated 12-86/162-163; #150? 4-6-0 12-95/184
Palestine: Jaffa & Jerusalem RR opened 10-92/150; J. & J. Ry first loco. on dock at Jaffa 7-91/104;
Russia: 4-4-0 compound KN #16 11-92/171;
Spain: Box and good cars 12-92/182; Box mail & 3rd class pass. cars 6-93/96; Icualado & Martorell Ry coach 10-93/156-157;
Sweden: 2nd & 3rd class pass. cars 10-94/149; St. Gotthard Ry 0-6-6-0T #151 9-91/142;
Uruguay: Uruguay Central Ry #6 2-6-0 & #67 & #40 4-4-0 10-92/150;

CARS, PASSENGER
Combination 2-94/18-20; mail-baggage-coach 1-90/8-9;
Postal: 50' R.P.O. car 5-85/62-63
Sleeping: Kellog's sleeper 11-77/162-163; Emigrant 14 section 11-83/124; Early cars 8-94/118 & 9-94/137; Kellogg's sleeping car 11-77/162-163; Mann's boudoir car 1-84/4-5; E. G. Allen hotel cars 9-93/142; Pullman Palace Car: Std. sleeper "Taro" 1-92/2-3 + insert & 3-92/36-37; Wagner Palace Car Co. std. car #280 "Indiana" 11-91/166-167 + insert; Monarch Parlor Sleeping Car parlor obs. car "Ymir" 9-86/122; Monarch parlor/sleepers "Zenobia" and "Cleopatra" 4-86/47
Street cars - double deck cars by Pullman Car Co. 11-91/174; first vestibuled cars ? (Cleveland City Ry) 11-93/180;
Streamlining: F. U. Adams encased cars to reduce air resistance 3-93/46

CARS, PASSENGER COMPONENTS
Body - pass car designs 11-90/165-166
Frames - pass. car 5-90/68-69 & 6-90/84-85
Heaters - Steam heating Van Horn design 7-77/103, 123; Baker heater with 2 coils 9-81/146;
Lighting: Pinsch gas described no pix 4-79/53;
Molding designs for pass. cars 4-85/50-51 & 5-85/65 & 6-85/61 & 10-85/139
Platforms and couplers for pass. cars 4-90/52-55
Seats,: Rattan 2-81/20; Horton reclining seat chair car for n.g. 2-80/25; Forney car seat 9-86/121; Henry's swing back car seat 10-93/170;
Trucks: Fox Pressed Solid Steel Co car frames 2-90/27; pass. trucks 12-90/180-183;
Ventilation 3-74/35;
Worcester Excursion Car Co: private car 6-79/88;

CARS, FREIGHT
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Stock - Lackawanna Live Stock Express Co #175 & trucks 4-91/60; Steinbrenner's double deck car 2-88/24; construction 3-89/38-39
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NEW YORK RAILROAD MEN 1887 - 1898
RAILROAD MEN 1898 - 1920

This monthly magazine was produced by the Y. M. C. A. - Railroad Division. Railroad Y. M. C. A's. were an off-shoot of the Y. M. C. A. and operated separately. The New York Central RR was the strongest supporter of them.

Until 1890 nothing was found worthy of indexing. Beginning with the Oct. 1898 issue the *New York* was dropped from the title. The magazine had very good photographic reproduction. The articles were written differently from the railroad and engineering trade journals. Unfortunately there are few libraries having copies and those before volume 12 (late 1898) are almost non existent. It was at its best 1900-1910 and then gradually slipped. The magazine concluded with volume #33 in 1920. I indexed the top management, but it also had numerous lesser biographies and pictures of middle management, particularly the N. Y. C. in 1907.

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McCrea, James, pres. Pa. RR 2-07/183
Mellin, Chas., pres. NYNH&H 11-03/56-57;
Mudge, Henry V., pres. CRI&P 1-10/128-130;
Newman, W. H., pres. N.Y.C. 8-18/301;
Pearson, Edward J. pres NYNH&H 6-17/221-222;
Pitkin, Albert J., pres. Alco obit 12-05/94-95
Potter, Wm. F., VP & Gen. Mgr L.I.RR 4-04/258-259; ; pres. L.I.RR 2-05/161 & 4-05/?;
Ramsey John P., pres. Chicago Peoria & St. L 3-09/211;
Ray, Geo. F., chief eng'r DL&W 2-09/163;
Russell, E. G., supt. DL&W 5-99/325, 326;
Sloan, Samuel, pres. DL&W 12-00/97-99 & 11-07/53-55;
Smith, Alfred H., pres. NYC 1-14/85-86;
Thompson, Frank 7-99/398-402;
Truesdale, Wm. H. pres. DL&W 3-99/218-219;
Trumbull, Frank, chairman C&O RR 1-10/130-131
Webb, W. Seward, pres. Wagner Palace Car Co 11-92/53-55;
Whaley, Adelbert R, V.P. NYNH&H 3-13/149-151;
Wilcox, David, pres. D&H 9-03/441, 450;
Willard, Daniel, pres B&O 2-10/138, 160, 162; V.P. Erie RR 10-02/41-43;
Winchell, Benj. L., pres. CRI&P 5-04/298-299; pres. SLSF 1-10/126-128

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Conductor: 5-06/291-301; 6-06/340-343 & 8-06/410-412
Dispatcher 2-09/164-169; 6-15/233-237;
Locomotive Engineer 8-06/405-409 & 9-06/445-450;
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Telegraph Operator: 5-07/290-305;
Track walker 8-04/433
College graduates in RR work 10-04/2-6;
Foreign laborers 7-11/297-300;
Negroes in the South 12-13/62-64; The magazine had considerable information on many Negro people employed by railroads. I did not index them. Good coverage is given in the 1910-1920 period.
Unions: Good and bad of labor unions by Wm. H. Truesdale, pres. DL&W 3-03/215-220;

MISCELLANEOUS
American Locomotive Co: Albert J. Pitken, pres. obit 12-05/94-95
Baggage checking and handling 10-96/2-13;
Baker car heater: Adv. 8-91/294;
Bethlehem Steel Co Special car #842 to hold 150 tons 9-03/454
Book of Rules, evolution of 11-05/67-74
Cab signals: 8-08/425-443;
Chapel cars: History 5-04/333-336 & 6-04/333-336, N. P. car at Como shop 11-99/64-65
Frt. car truck construction 4-90/93-98;
General Electric Co: Loco. for Paris Orleans Ry #22 10-3/9
Liquor: & RRs by Edward Hungerford for Colliers Magazine early in 1916. Must see Colliers index
Locomotives, Fontaine experimental 3-02/216-220;
Mining RRs. Use of electricity on RRs - Lykens Valley Coal Co. & D.L.&W. Coal Dept. 7-08/386, 391;
President's Day 5-04/290-29
Private cars, economy of 5-04/286-290;
Railway Mail Service Described Feb. 1891 to June 1892 15 articles 2 to 4 pages long each; history 12-03/86-92;
Signals, Hall Signals 12-90/36-38 + insert and rear cover adv. ; Ry. signaling 5-96/220-225 & 6-96/261-266;
Tender: Vanderbilt type 3-05/213;
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Wreck trains 8-03/407-411
Y. M. C. A.: History of RR YMCA 6-14/230-237; First 6-01/432;

PENNSYLVANIA RAILROAD AND MINING REGISTER 1856
UNITED STATES RAILROAD AND MINING REGISTER 1856 - 1874
RAILWAY WORLD 1874 - 1915

This magazine is available on microfilm and can be found by a public library computer location search. The film probably will be only at the largest city and major university libraries.

It was published in Philadelphia, the only railroad publication produced there continuously. It had four totally different formats. It began May 31, 1856 as an eight page magazines carrying some potentially historically useful information on railroads and equipment makers of Pennsylvania and lesser amounts of information on Pennsylvania hard coal mining.

At the start of volume 2, November 29, 1856 it changed its name to United States to broaden its base for information and reader appeal. Article format remained the same. Many of the articles I indexed were long and written in a different form than the *American Railroad Journal.* I did not index short items.

With the first issue of Volume 4, November 28, 1857, it went to basically a Philadelphia four page newspaper appearance and content. Miscellaneous information from all over the country appeared, little of it having to do with specific companies. Lengthy railroad articles petered out by February, 1857, and in the next three months I found nothing. I discontinued indexing.

In 1874 mining news was discontinued and a new title chosen. The contents totally changed. Its appearance and contents were very similar to the *Commercial and Financial Chronicle.* It carried financial information - annual report income and expenses, bankruptcies, bonds, railroad rates, and government regulation. It did not include the lengthy tables in the C. & F. C. on bonds and stocks. It also carried fewer editorial articles which on average were much shorter. It had no illustrations. Each volume was indexed in a similar manner to the C. & F.C. for a decade or two. Then indexing was discontinued. Whether the numerous brief news items it carried also appeared in the C. & F. C. I do not know. As for the potential value of this information and how to find it for the researcher, see my comments for the C. & F. C. The C.&F.C. index can locate items of interest. Using its issue dates, the *Railway World* issues can be checked to see if it also carried the information.

Beginning in January, 1913 it became a monthly and discontinued its *Commercial and Financial Chronicle* contents and appearance. All phases of railroading appeared, most however dealing with the railroad industry and its top managements such as government control, attitude of the public toward railroads, rates, car handling, construction, accidents, many cartoons of the day, top management people, finance and some dealing with specific railroad events. I have indexed it. It discontinued publication with the October, 1915 issue.

I indexed early issues by volume number and date / page number. The later issues are by year / page number.

UNITED STATE AND CANADIAN RAILROADS

Alexandria & Washington RR: V.1 10-11-56/157; V.3 11-14-57/196

Atchison Topeka & Santa Fe Ry: Precooling reefer cars 1914/891-895; San Diego sta. 1915/576 & 656-658;

Auburn & Allentown RR: Prospectus V.2 5-23-57/201-202;

Baltimore & Ohio RR: Cumberland, Md. loco. terminal improvements 1913/882-883; New frt. house at 25th St in Manhattan 1914/488-490; Rail sawing car 1914/566;Milk cars 1914/824-825; Magnolia cutoff construction 1914/836-839, opened 1914/1023-1024; pass. tr. wreck near Woodlyn, Pa. 1915/156-158;

Barclay RR: Opened V.1 11-1-56/180-181; Third annual report V.2 2-28-57/105-106, 108;

Beaver Meadow RR: V.1 9-27-56/140;

Belt Ry. of Chicago: New Clearing yard 1913/415-416 & 1914/313.;

Birmingham Southern RR: 70 ton hopper cars 1913/582-583;

Blue Ridge RR (S.C.) V.2 1-17-57/60;

Boise & Arrowhead RR: Govt. owned RR in Idaho 1915/550-553.

Buffalo Rochester & Pittsburgh RR: Rochester warehouse 1914/746.

Butte Anaconda & Pacific RR: Booster trucks for hump yards 1914/567.

Canadian Northern Ry: Mount Royal tunnel 1913/791-792; Toronto Union Sta. 1914/482-483;

Canadian Pacific Ry: Toronto Union Station 1914/482-483; Rotary snow plow 1913/222; Port Arthur frt. yards 1913/417; Vancouver terminal & office bldg. 1913/510-511 & 1914/396-397; Outlook, Sask. bridge 1913/578; Ogden, Alberta shops 1913/600-604; Proposed new Montreal sta. 1913/963; steel frame box car #1?4972, 1913/1056-1057; World's largest bascule bridge at Sault Ste. Marie 1914/822; 30 ton stock cars #271243(?) 1914/1005-1007; Montreal Windsor sta. 1915/71-73; Rogers Pass tunnel 1915/152;

Catawissa RR: V.2 5-9-57/189;

Catawissa Williamsport & Erie RR: V.4 1-9-58/25, 26

Central New York Southern RR: McKeen car 1914/561-563;

Central RR of New Jersey: Communipaw, Jersey City, layout 1914/483-488;

Chester Valley RR: Earnings V.1 10-18-56/164; annual report V.2 4-4-57/145;

Chicago & Alton RR: Automatic mail pick-up system for up to 12 bags, 1914/904-905; Bloomington, Il shop 1915/69-71.

Chicago & North Western RR: Bronze plaque of first mail car , 1867, put in Chicago's sta. 1914/904;

Chicago Burlington & Quincy RR: 80' dining cars 1914/332-333; Puget Sound to Gulf of Mexico new Wyoming line 1914.881-882;

Chicago Great Western RR: Kansas City grain elevator 1913/963;Carroll, Ia. coaling sta, 1915/71;

Chicago Iowa & Nebraska RR: Report V.2 5-9-57/188

Chicago Milwaukee & Puget Sound RR: Gas el. car 1913/312;

Chicago Milwaukee & St. Paul RR: Milwaukee terminal yard improvements 1913/692-693; Spokane sta. 1914/827; Convertible stock car 1914/910;Great Falls, Mont. electrification and loco. #10050 1915/499-500; Electrification progress 1915/723-727l

Chicago Rock Island & Pacific RR: How RR helps farmers 1914/446-450;

Chicago St. Paul Minneapolis & Omaha RR: Wreck near Bigelow, Mn 1915/78-79.

Cincinnati New Orleans & Texas Pacific RR: Oakdale, Tn yard 1914/746-747; Chattanooga pass. car shop 1915/237-238;

Cincinnati Wilmington & Zanesville RR: V.3 8-29-57/108

Cleveland & Mahoning RR: V.3 6-27-57/36; V.3 1-23-58/34

Cumberland Valley RR: V.1 9-20-56/132;

Dauphin & Susquehanna: V.4 2-27-58/54 & 5-8-58/94

Delaware RR: V.2 12-2-56/28;

Delaware Lackawanna & Western RR: Report V.3 6-6-57/9-10; Report V.3 10-17-57/161Report V.3 10-24-57/173; Financial problems V.3 11-7-57/185; Montclair sta. 1913/692; Wireless telegraph & telephones for trains 1914/66-70; Utica frt. sta. 1914/830; Wreck near Alfred, Pa. caused by bad rail 1915/156-157; Telephoning from trains 1915/218-221

Denver & Rio Grande RR: Grade relocation Soldier Summit to Tucker 1913/382-383 & 1054-1055.

East Pennsylvania RR: Construction V.3 6-20-57//26;

Erie RR: Dynamometer car 1914/304; Triplex loco. 1914/473-475;

Erie & North East RR: V.1 7-19-56/61;

Galt Preston & Hespeler Ry: El. loco. #40 1914/217-218;

Galveston Houston & Henderson RR: V.3 6-6-57/13

Grand Trunk Ry: V.2 11-29-56/1; Toronto Union Sta. 1914/482-483; Port Arthur Frt. yards 1913/417; Winnipeg's Transcona shop 1913/306-307; Grain hopper bottom box car #9950 1913/309-310; Auto car #32989 & box car #26399 1913/1037;

Grand Trunk Pacific Ry: Port Arthur frt. yards 1913/417;

Great Northern Ry: Minneapolis pass. sta. 1914/222-223; Opening Glacier National Park depot 1914/284-285; "White Flyer" mail train St. Paul to Seattle in 89 hours, 1914/644; St. Paul office building 1914/743;

Harrisburg Portsmouth Mount Joy & Lancaster RR: Annual report V.3 9-26-57/137

Hempfield RR Construction V.2 12-13-56/20; 1-3-57/44; 4-4-57/148;

Hudson River RR: V.1 8-23-56/98; dummy loco. 8-30-56/106;

Illinois Central RR: V.1 10-18-56/164; Financial scheme V.3 10-24-57/173; Memphis sta 1914/1009-1010;

Intercolonial Ry: Truro, N.S. sta. 1914/747-748; Proposed Halifax terminal 1914/922-923;
Kansas City Clay County & St. Joseph Ry 1913/957-961
Kansas City Southern RR: Collision of steam train and gas motor car tr. killing 38 1914/923-924;
Kansas City Terminal RR: New union pass. sta. 1913/319-320 &1914/919-921;
Lackawanna & Bloomsburg RR: V.4 12-19-58/14; 2-18-60/154.
Lackawanna & Lanesboro RR: V.1 8-17-56/93, nearly completed 10-4-56/149;
Lakeside & Marblehead RR: Dump car #201 1914/306;
Lebanon Valley RR: V.1 9-20-56/132;
Lehigh & Delaware Gap RR: V.3 8-29-57/108;
Lehigh Valley RR: Report V.2 5-16-57/196; V.4 1-23-58/34; Bridge accident V.4 7-31-58/38; Mine rescue car 1913/400-402; Jersey City grain elevator 1913/790; Banjo signals used for highway grade crossing warning 1914/406-407; South America "Trade Special Train" 1914/863.
Long Island RR: Grade crossing accidents 1915/546-550
Marietta & Cincinnati RR: V.3 7-25-57/65, 68; V.4 2-27-58/54
Maryland & Delaware RR: V.2 11-29/56/5
Memphis & Charleston RR: Completed V.2 5-9-57/180; V.3 11-14-57/196
Michigan Southern & Northern Indiana RR: V.3 6-6-57/13;
Michigan Southern RR: Report V.3 8-22-57/97;
Mine Hill & Schuylkill Haven RR: Annual report V.2 4-11-57/153;
Minneapolis & Northern RR: McKeen car 1914/561-562;
Minneapolis St. Paul Rochester & Dubuque El. Tr. Co: Gas el. cars 1913/201-202; gas el. loco 1913/1065-1066; New 60 ton gas el. loco 1915/720-723
Minnesota & Pacific RR: V.4 1-30-58/38
Missouri Kansas Texas RR: Houston sta 1914/482; Parsons, Ks, depot & office 1915/577-578;
Missouri Oklahoma & Gulf RR: gas el. car 1913/880;
Mobile & Ohio RR: Buckatonna, Miss, wreck 1914/60-62;
Motley County RR: Gas. loco. 1914/1003-1004;
National Transcontinental Ry: Little Salmon River in N.B. 1913/308-310; Rail car ferry in use until Quebec bridge is completed 1914/821-822;
New York & Erie RR: Meeting V.3 10-31-57/177; V.3 11-7-57/188-189; Meeting in London 3-20-58/66
New York Central RR: V.3 6-6-57/12; Grand Central Sta: Stone sculpture 1914/541-542; Double ended wrecker for tunnel 1914/8323-824; Rochester sta. 1914/310-312; Utica sta. 1914/651-653;
New York Connecting RR: 1915/86-88; Hell Gate bridge 1915/414-416;
New York New Haven & Hartford RR: Stamford wreck 1913/675-677 & 883-884; el. switching locos 1914/477-482;Electric operations 1915/66-68 & 425-430;
New York Pittsburgh & Chicago RR: Proposed Allentown to Pittsburgh RR to cut 84 miles from N.Y.C. to Pitts. 1914/1022-1023
Norfolk & Southern RR: Albemarle Sound trestle 1913/382
Norfolk & Western RR: 90 ton gondola 3-13/136; R.P.O. cars 1913/582; Lambert's Point coal pier 1914/316;
North Pennsylvania RR: Fatal wreck (the first really serious in the U.S., 59 killed) V.1 7-19-56/60-61, 7-26-56/65-67, 68-69, 92; 9-6-56/116, 9-13-56/124; V.2 11-29-56/5; V.2 1-3-57/41; Annual report 1-17-57/60; 2-14-57/92-93; V.2 5-9-57/188; 5-23-57/205; V.3 6-20-57/28-29, 7-4-57/41-42, annual report 7-4-57/44; 8-29-57/106, extension 108; V.3 10-24-57/169-170; 11-7-57/188; annual report 3-6-58/57-58
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Northern Pacific Ry: Centralia, Wash pass. sta 1913/228-229; St. Paul office bldg 1914/743;
Northwestern Pacific RR: Route to Eureka 1915/13-14;
Oakland Antioch & Eastern Ry: high speed el. loco 1914/390-392;
Ohio & Mississippi RR Completed V.2 4-25-57/170;
Ohio & Pennsylvania RR: Consolidated V.1 7-12-56/52
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Oregon Short Line RR: Pocatello sta. 1914/922;
Oregon Trunk Ry: Opened 1914/450-451;
Oregon Washington Ry. & Nav. Co: Spokane sta 1913/962 & 1914/827
Pacific Electric Ry: Teaching by using pictures 1914/282-283;
Pacific Great Eastern Ry: Hall Scott gas. cars 1914/476-477;
Pennsylvania RR: V.1 10-18-56/164; 10th annual report V.2 2-7-57/81-82; Profits V.2 5-9-57/188; Buying the canal system V.2 5-16-57/197; 6-27-57/33-34; 7-4-57/44; 8-8-57/85; CrisisV.3 1857/11-7-57/185; Skips dividend V.3 11-7-57/188, 189; V.4 1-30-58/38; 2-6-58/41; Tractor #1 running on pavement to switch cars 1913/227; Baltimore sta 1913/604-605; Ohio floods 1913/728-730;Agriculture instruction car for farmers 1913/749-755; Lunch counter car experiment 1914/62; Greenwich, Phila. coal pier 1914/73; Girard Point. Phila. grain elevator 1914/74 & 568; North Phila. sta. 1914/220 & 1915/420-421; New Jersey blizzard of March 1st 1914/278-282; El. loco. for use on Cleveland ore dock 1914/389-390; Milk cars 1914/582; First all steel box cards #2.... 1914/646-647; All steel caboose #486751 1914/834-836; Tyndall, Oh. bridge 1914/882-884; Panama Pacific Expo. exhibit 1914/884-886; Phila. suburban line electrification 1915/64-66 & 422-425; Johnstown sta. 21915/73-74; How they air bedding on Pullman cars 1915/146-148; New style air brake stops pass. trains in 2/3 distance 1915/230-233; New 3 yellow light position signal system 1915/238-239; Altoona test dept. 1915/416-419; Girard Pt. grain elevator capacity to be doubled 1915/501; Performance of DD1 el. locos 1915/578-579;
Philadelphia & Columbia RR: V.1 9-20-56/132; V.3 7-4-57/44,
Philadelphia & Delaware River RR: V.1 10-4-56/149;
Philadelphia & Reading RR: Stock V.3 10-10-57/156; Report V.3 10-24-57/172;
Philadelphia & West Chester RR: V.4 12-12-57/10
Philadelphia Easton & Water Gap RR: V.2 1-3-57/42;
Philadelphia Wilmington & Baltimore RR: V.1 7-12-56/52;
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Pittsburgh & Lake Erie RR: Frt. yard lighting 1914/827-829
Pittsburgh & Steubenville RR: V.3 5-30-57/4
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Racine & Mississippi RR: Report V.3 5-30-57/4
St. Louis San Francisco: scale test car 1915/151-152;
Sherman Valley & Broad Top RR: V. 2 3-7-57/117;
Southern Ry: Chattanooga pass. sta. improvements 1914/221-222; Double track at Birmingham, Ala 1914/829-830; Mobile, Ala. frt. sta. and yard 1915/421-422; Memphis yard 1915/718-719; Charleston, SC coal pier 1915/719-720;
Southern Pacific RR: Proposed RR to Louisiana V.2 3-14-57/121; new Los Angeles commissary 1914/816-818; Ferry "Contra Costa" 1915/154-155;Use of Brown system for discipline for 20 years 1915/403-404;; California and the S.P. 1915/703-704;
Spokane Portland & Seattle RR: Gas el. car 1914/916-917, RR opened 1914/450-451;
Steubenville & Indiana RR: V.2 5-9-57/188
Sunbury & Erie RR: V.1 7-4-56/45 & 8-2-56/76; celebration V.1 8-9-56/84 & 85; V.1 9-13-56/124; V.1 11-15-56/196-197; V.2 2-14-57/89-90, annual report 92; report V.2 5-23-57/204; V.3 6-20-57/25; V.4 2-29-58/50; 2-25-60/157.
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Terre Haute & Alton RR: V.2 3-28-57/138;
Texas City Transportation Co. : Galveston piers 1913/321-322
Tiffin & Ft. Wayne RR: V.2 3-14-57/124;
Toledo Wabash & Western RR: V.2 11-29-56/4; V.3 10-24-57/170
Troy & Greenfield RR: Hoosac Tunnel V.3 6-6-57/13
Union Pacific RR: To sell their S.P. stock and control 1913/360-361;McKeen car #M23 1915/494
Wabash RR: Attica, Ind. bridge accident 1914/831-832
Warren RR: V.1 10-11-56/156;
Washington & Old Dominion Ry: Portable sub station #1 1913/789-790;
Western Maryland Ry: Baltimore warehouse and Hagerstown sta. 1913/511-512;
Wichita Union Terminal RR: New sta. 1914/399-401;
Williamsport & Elmira RR V.1 6-21-56/29; Report V.2 5-16-57/193-194;
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Africa: Proposed rail system for continent 1914/543-546;
France: Midi Ry new 2-C-2 el. loco 1913/598-599; double ended 2' gauge locos 1915/574-575
Great Britain:
Great Central Ry: Ambulance train 1915/59-60
Great Eastern Ry: Wartime commissary train 1915/235; instruction car for engineers 1914/546-549; Locos 1915/642-643
London Brighton & South Coast Ry: Rail phone telegraph for cars on 1913/471-474
North British Ry new loco. 1915/482
North Eastern Ry: loco. developments 1914/287
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Mexico: Armoured cars built in U.S. 1914/471-472
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Philippines: Railways 1913/475-477

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Chicago railway terminals report 1913/1069-1070; general situation for frt. and pass. 1914/312-316;

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Loco. boiler inspections cuts explosions 1915/495-497

Interstate Commerce Commission: Many articles in 1913 and 1914 and probably earlier. Not indexed.
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Accident: See North Pennsylvania RR's for wreck which fklled 59, the worst ever up to 1860 or later.
Baldwin Loco. Wks #40,000 1913/847-848
Brakes: Pa. RR adopts new air brakes which stop trains in 2/3 distance 1915/230-233
Bridges Hell Gate Bridge: See New York Connecting RR.
Brown discipline system 20 years experience using the Fall Brook Rys' B1915/403-404
Cartoonists views of RRs 1914/340-342.; Each issue 1914 and 1915 and probably earlier reproduced current cartoons appearing in newspapers and magazines.
Chase Rolling Mill Co's private 1.5 mile electric railway at Waterbury, Ct. 1913/1063;
Evolution of 1914/724-727
Grade crossing accidents 1915/546-550;
Length of train and safety 1915/541-546
Mail service 1915/392-394
McKeen Car Co: 1914/70-71; type D car 1915/494; all steel box car 1914/645-646
Panama-Pacific Expo: RR exhibitions of Pa. RR, U.P., S.P., Gould system, Hill system, G.T., McCloud River log train 1915/313-317
R. P. O. 70 ft std interior 1913/641-646;
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Stations: Chicago Union Passenger Terminal: Proposed 1913/509-510; approved by city 1914/315-316;
Tunnels: Hoosac Tunnel: (the first major tunnel in the U.S.) V.3 6-6-57/13
Wood cars, danger of 1914/814-815

RAIL-ROAD ADVOCATE 1831-1832

Rail-Road Advocate was the first railroad periodical published in North America. It was devoted to railroad promotion, specifically eastern Tennessee and with a special interest for connecting to Virginia and South Carolina by railroad. It was published in the unlikely location of Rogersville, Tennessee, located about 50 miles east-northeast of Knoxville.

It was an eight page, biweekly which ran from July 4, 1831 to June 14, 1832. It was superseded by the *American Railroad Journal*, which began publication in January, 1832.

The early issues were devoted almost entirely to railroad matters but by late 1831 non railroad material was increasingly filling its pages. With the advent of the *American Railroad Journal*, the *Rail-Road Advocate* had an increasingly diminishing amount of railroad material, as little as only two of the eight pages. Some of it came by reprinting items from the *Journal.*

As a valuable publication concerned with railroad matters of 1831-32, it is not. Most of what appeared also would have appeared in publications of cities to be served by a proposed railroad. Two railroads have considerable information, the Baltimore and Ohio RR and the Lynchburg and New River Railroad, the latter never built. There is also interesting material on British railways, particularly the Liverpool and Manchester Railway, but such information should be readily available at the British Railway Museum.

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New York State proposed railroads across it: 114-115

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Tennessee proposed RR Richmond or Lynchburg to Knoxville, 9; Abington railroad convention, 22, 29, 41-42; Knoxville convention, 46-47, Knoxville convention with address of S. D. Jacobs for railroads in eastern Tn., 73-76

Track, uniformity of it 38, 145

Virginia, Abington Railroad Convention, 22, 29; build from Lynchburg to Knoxville, 41-42

Winan's car: 121

RAILROAD ADVOCATE 1854-1855
COBURN'S RAILROAD ADVOCATE 1855 -1856
HOLLEY'S RAILROAD ADVOCATE 1856-1857
AMERICAN ENGINEER 1857

Edited by Zerah Colburn, the weekly magazine was initially more like a newspaper. Fou volumes were produced, each with a different name, with the first issue dated 11-11-54. Volume 1 was 6 months, volumes 2 and 3 were 12 months, and volume 4 was 5 months with the magazine ceaseing publication on September 19, 1857. The articles were written somewhat differently from the *American Railroad Journal* .

The July 11, 1857 issue carried a totally new name, Amerrican *Engineer*, published by John Colburn (Zerah's son?) and Alexander Holley. The name change did not improve circulation, and the magazine ceased in September 1857 with the announcement that it would continue but with a new title. This did not occur until July 1859 when Holley began the *American Railway Review*. I have indexed it separately.

There are few issues existing. Tthe Smithsonian Institution has it all on microfilm.

Albany & Susquehanna RR: 3-29-57/2
Alexandria Louden & Hampshire RR: 2-10-55/3
Allegheny Valley RR: 12-9-54/1 & 1-13-55/3-4; 3-3-55/2 & 3-10-55:
Baltimore & Ohio RR: 12-23-54/3; 4-8-0 being built by Winan for pass. service 1-20-55/3 & 3-24-55/3; 5-12-55/1; Described 3-21-57/1; Offices pix 9-19-57/86; Camel & 10 wheeler locos 4-25-57/2, 5-2-57/2 & 5-9-57/2; Ross Winans and the B&O 5-2-57/8, 5-9-57/8 Strike 5-23-57/3;
Bellefontaine & Indiana RR: Pass. loco. of J. B. Quigley 2-28-57/1; Shop layout 5-9-57/1;
Blue Ridge RR: (Va): Described 1-10-56/2-3
Boston & Lowell RR: Iron car 4-18-57/4, 5-16-57/8;
Boston & Providence RR: Loco. building in repair shop 4-28-55/3
Boston & Worcester RR: Loco. building in repair shop 4-28-55/3; Expresses 9-8-55/2; coal burning loco. experiments 9-13-56/1 & 9-27-56/2
Buffalo & Erie RR: 4-6-0 loco. performance 3-17-55/3; 6-27-57/2;
Buffalo & State Line RR: new loco. 1-6-55/2;
Cairo & Fulton RR: 10-18-56/3; 4-11-57/8
Cairo & Fulton RR of Arkansas: 12-2-54/1-2;
Camden & Amboy RR: Wreck 9-15-55/2; item 10-13-55/3
Central Military Tract RR 12-2-54/3
Central Ohio RR 11-25-54/1
Central of Georgia RR: Savannah Sta. (no pix) 7-7-55/1; locos. 1-19-56/1;
Chicago & Rock Island RR: 2-17-55/1
Chicago Burlington & Quincy RR: 1-10-57/1;
Chicago Rock Island & Pacific: Locos in 1857 9-19-57/87;
Chicago Saint Charles & Mississippi RR: 2-17-55/2-3
Cincinnati & Chicago RR: 12-2-54/1
Cincinnati Hamilton & Dayton: 5-26-55/1; 6-16-55/1; 2-9-56/1;
Cleveland & Mahoning RR: 3-10-55/1; 2-28-56/8;
Clinton Line RR (Oh): 3-10-55/1
Columbus & Hocking Valley RR: 2-10-55/1
Connecticut River RR: Shop yard L/O 2-28-57/8;
Dauphin & Susquehanna RR: Foreclosure 12-2-54/6;
Dayton & Michigan RR: 7-25-57/19;
Delaware Lackawanna & Western RR: 11-25-54/2 1-20-55/4; 7-18-57/15;
Erie RR: Fast train run 9-8-55/1; trip of eng. #210 9-1555/ 2, 4; Discontinues Sunday trains for religious purposes 2-9-56/?; Strike 10-11-56/1-2 & 4, 10-18/4 & 10-23/1-2 & 11-1/2 & 11-8/2 & 11-15-56/4; Loco. boiler explosion of #143 12-6-56/4; 4-25-57/1; See also New York & Erie RR.
Evansville Indianapolis & Cleveland Straight Line RR: 12-16-54/1; 12-23-54/3; 1-6-55/2-3; 1-20-55/?; 2-17-55/4; 2-24-55/1; 4-7-55/5; 4-21-55/2; 4-28-55/1; 5-5-55/1 & 2; 6-2-55/1; 7-28-55/1; 5-10-56/2;
Georgia Central RR: See Central of Georgia RR
Georgia RR & Banking Co: 4-11-57/1;
Grand Rapids & Indiana: 3-21-57//8; 5-2-57/4;
Great Western RR (Canada): First loco. across Niagara suspension bridge, 3-17-55/2; Train performance study 7-26-56/3;
Green Bay Milwaukee & Chicago RR: 1-27-55/6; 2-3-55/4
Greenville & Columbia RR: 9-8-55/1; 6-14-56/3;
Hannibal & St. Joseph RR: 12-30-54/2 & 2-24-55/1;1-24-57/1
Hudson River RR 11-18-54/1, 2-3; 12-9-54/4; coal burning loco 11-29-56/2
Indianapolis & Cincinnati RR: 9-1-55/1;
Jeffersonville RR: Shop & L/O 2-14-57/8
Lebanon Valley: 12-20-56/2;
Little Schuylkill RR: Phleger loco. 2-10-55/2;
Maysville & Lexington RR 12-2-54/2; Foreclosed 5-3-56/1;
Memphis & Charleston RR: 5-26-55/1; 6-16-55/1;
Memphis & Ohio RR: 1-31-57/1;
Michigan Central: Locos. 2-9-56/4; Michigan City shop L/O 1-31-57/8; 7-4-57/1;
Michigan Southern RR: 8-23-56/1;
Milwaukee & Horicon RR: Shop L/O 3-7-57/8;
Mine Hill & Schuylkill Haven RR 11-18-54/1-2; RR described 11-18-54/6;4-25-57/6 or 8; 0-8-0 loco. drwg 7-4-57/8
Mississippi & Missouri RR: Davenport shop L/O 6-27-57/8
Mississippi & Tennessee: 1-24-57/1
Mobile & Ohio RR: 2-10-55/2; 6-27-57/2;
New Albany & Salem RR: 10-4-56/2;
New Orleans Jackson & Great Northern: 6-20-57/2;
New York Central: Boiler explosion of #77 and operations 1-24-57/1; 7-18-57/16;
New York & Erie RR: 11-11-54/1; 11-18-54/2; 11-25-54/1-2; 12-2-54/3; 2-10-55/2; 3-10-55/2; A day at Susquehanna, Pa. 4-7-55/2; New N.J.L.&M. Co. loco., 4-7-55/3; land benefits 5-10-56/2; Dunkirk shop 8-30-56/1; 3-7-57/1; 3-28-57/8 8-1-57/32; See also Erie RR.
New York & Harlem RR: 8-2-56/1;
New York & New Haven RR: Schuyler fraud 7-19-56/1; Locomotive Engineer's Assoc. 9-6-56/3
North Carolina & Western RR: 1-27-55/1
North East & South West Alabama RR: 3-22-56/11; 5-24-56/9'
North Pennsylvania RR: 1-20-55/1
Northeastern RR of South Carolina 4-28-55/2; 5-24-56/9;
Northern Cross: 1-24-57/1
Northwestern RR of Virginia: 1-20-55/1;
Northern RR of Virginia: 1-20-55/1
Ohio & Indiana RR: 11-25-54/1
Ohio & Pennsylvania RR: 2-10-55/1-2;
Orange & Alexandria RR: 3-21-57/8;
Pacific RR: Many items after 1855.
Pennsylvania RR: A day at Altoona, 12-2-54/6; Report 3-10-55/1; 6-30-55/1; Described 12-22-55/2;
Philadelphia & Baltimore Central RR: 1-10-57/4;
Philadelphia & Reading RR: Coal operations 11-18-54/6; New shops at Reading 1-27-55/3 & 2-10-55/3; A night on the Reading 1-27-55/4-5; new Millholland coal burning loco. 2-10-55/2; a night on the Rdg 9-22-55/1 train run; Reading shops and Rdg. yard L/O pix 1-24-57/8;
Philadelphia Wilmington & Baltimore RR: I. R. Trimble misconduct 1-6-55/2; Havre de Grace bridge 3-3-55/2 & 4; 5-26-55/1;
Pittsburgh & Connellsville RR: 12-16-54/1 & 12-23-54/8; 2-24-55/4
Pittsburgh & Steubenville RR 4-21-55/2
Pittsburgh Maysville & Cincinnati RR: 1-20-55/1; 3-17-55/1;
Providence & Worcester: RR: Boardman boiler loco. 5-24-56/? ; Report 2-14-57/8; 3-28-57/1;
Richmond & Danville RR: 3-28-57/1;
Rock River Valley Union RR (of Wis.): foreclosed 2-10-55/4
Rutland & Burlington RR: foreclosed 2-3-55/4
Sacketts Harbor & Saratoga RR: 11-18-54/1
Sacramento Valley RR: 12-20-56/2; Shop and track L/O pix 2-7-57/8;
Seaboard & Roanoke RR: 1-20-55/1-2;
South Carolina RR: 4-4-57/1;
Sunbury & Erie RR: 12-23-54/4; opened 2-10-55/1; 2-24-55/1;
Toledo Wabash & Western RR: 12-13-56/3;
Troy Union RR: (NY): 5-24-56/4;
Virginia & Tennessee RR: 12-16-54/1-2; 4-4-57/1;
Virginia Central RR: 12-30-54/1-2
Watertown & Rome: 10-11-56/2;
Western & Atlantic: Shop & track L/O PIx 5-30-57/8
Western & Southwestern Virginia RR: 12-30-54/1;
Western North Carolina: 1-31-57/1;
Western RR of Mass.: 3-17-55/3
Worcester & Nashua RR: Shop & track L/O 5-30-57/8;

FOREIGN
Panama RR: 4-4-57/8;

BIOGRAPHY
Thomas Rogers biog. 8-8-57/35
Robt. L. Stevenson biography 5-3-56/2-3;

BRIDGES
Iron bridges 12-2-54/2; 12-23-54/3; 12-30-54/2; 1-13-55/2; 1-20-55/3; many more articles in 1855 not indexed; Bollman's iron suspension bridge 8-11-55/7 adv.
Wood bridges: 3-10-55/2; 3-17-55/2; 3-24-55/2; 3-31-55/2; 4-7-55/2-3; many more articles in 1855 not indexed;
Suspension bridges: 6-30-55/3-4; Predicted failure of Niagara bridge 5-2-57/8

CARS
Pass. cars with 12 & 16 wheels, 4-7-55/3;
Harrisburg Car Mfg. Co: 6-27-57/4
Winans 8 wheel pass. car & law suit: 4-14-55/1, 4-21-55/1-2, 4-28-55/3; 5-12-55/1; 6-16-55/3; 7-21-55/3; 8-4-55/3; 12-15-55/2-3; 1-19-56/2; 1-26-56/2; 5-3-56/2; 5-17-56/2 & 5-31/2 & 5-24/2-3 & 6-7/2 & 6-14/2 & 6-21/1-2 & 7-26/2 & 8-2/2 & 8-9/2 & 8-23/2 & 8-30/2 & 9-6/2 & 9-6/56/3; Appeal 10-25-56/3;
Brakes: Evan's car brakes 5-17-56/3;

Couplers: Hopkins design 6-23-55/3
Iron cars: 4-18-57/4, 5-16-57/8;
Seats: pix 8-18-55/3; pix 7-25-57/21;
Springs: India rubber 5-31-56/1;
Staterooms in cars like on ships 5-5-55/3;

EQUIPMENT SUPPLIERS
Philadelphia Car Works 11-25-54/6

LABOR
Loco. engineer's association on NY&NH 9-6-56/3; National Association of Loco. Engineers 10-4-56/3; 11-8-56/1;
Master mechanic duties 7-19-56/2;

LOCOMOTIVES:
History: 5-1255/2, 5-18-55/?, 5-26-55/3-4, 6-2-55/3
Description: 6-9-55/3, 6-216-55/2, 6-23-55/3-4, 6-30-55/3, 7-7-55/3;7-14-55/?, 7-21-55/?, 7-28-55/?, 8-4-55/?, 8-11?-55/?;
Hot air: 12-15-55/4; 4-19-56/3;
Tank locos, design 7-26-56/2-3;
Dummy locos. (street locos.) Waterman's design 12-6-56/1;
Camelback locos. of Winan 2-7-57/2; See also Winan, locomotive builder.

LOCOMOTIVE BUILDERS
Railroad company locomotive building shops in the U.S. 11-11-54/1, 4-28-55/3
Amoskeag Loco. Wks 9-22-55/4, 9-29-55/1;
Baldwin Loco. Wks 12-20-56/1;
Baltimore Loco. Wks: 2-2-56/1; 3-21-57/4;
Blandy, H. & F. 8-18-55/3;
Boardman Coal Burning Loco. Co: pix adv. 5-23-57/5;
Breese Kneeland: 7-21-55/4; 1-17-56/1; pix 8-15-57/45;
Cincinnati Loco. Wks: 11-18-54/1; 4-21-55/4; 6-16-55/3;
Corliss & Nightengale Loco. Wks at Providence: 8-25-55/1;
Danforth Cooke & Co: 7-14-55/3; 3-8-56/2-3; "Cataract City" 4-4-0 pix (RR unknown) 7-11-57/3;
Denmead, A. & W.: 8-29-57/63;
Detroit Loco. Wks: 5-12-55/4; 8-15-57/44;
Grant Loco. Wks: 8-22-57/54;
Lancaster Loco. Wks: 12-8-55/4; 2-28-57/4;
Manchester Loco. Wks: 11-25-54/4; 8-25-55/2;
Mason, Wm.: 7-21-55/4; 1-10-57/2;
Moore & Richardson Loco. Bldr: 9-6-56/3;
New Jersey Loco. & Mach. Co. 12-9-54/1; 7-14-55/3; 5-2-57/1; 7-4-57/1;
New York Loco. Wks: 2-9-56/1;
Norris Loco. Wks. Described 12-23-54/2; 8-30-56/2; 8-23-56/2
Novelty Loco. Wks: Hot air loco. 12-15-55/4; 4-19-56/3;
Portland Loco. Wks 8-25-55/2
Rogers Loco. & Machine: 5-16-57/1
Schenectady Loco. Wks: 3-8-56/2;
Smith & Perkins 8-22-57/52;
Springfield Loco. Wks: 9-29-55/1; 8-16-56/1;
Swinborne, Wm: 7-14-55/3
Tredegar Iron Wks: 4-18-57/1;
Trenton Loco. Wks 7-12-56/1; 6-13-57/1
Virginia Loco. & Car Mfg. Co. 11-18-55/4
Winan: 12-15-55/1, See also B. & O. RR; Camelback locos 2-7-57/2, 3-7-57/2 & 3-14/2 & 3-21/2 & 3-28/2 & 4-4-57/2;

LOCOMOTIVE COMPONENTS
Boiler - Boardman's patented boiler 4-21-55/4, 5-12-55/1-2, 6-23-55/3, 3-22-56/1 & 5-9-57/24; 8-8-57/36, 9-5-57/69; Dimpfels design 7-1455/1 no pix. & 5-16-57/4, 7-25-57/21, 9-12-57/74-75, 9-19-57/81; Millholland coal boiler 11-1-56/1; Phleger 2-10-55/2, 2-28-57/2, no pix 8-1-57/25; Boilers for coal burning locos. 12-15-55/1;
Combustion chambers 12-29-55/1;'
Feedwater heaters: Magoon design 6-2-56/2 & 4-19-56/9; Elliott's 5-31-56/1; Ebberts design 7-25-57/24;
Fuel: Anthracite coal 2-17-55/2 & 2-24-55/3-4; additional articles in 1855 not indexed.
Coke for locos. 2-24-55/4; 4-19-56/10;
Coal burning: Experiments 9-13-56/1 & 9-27-56/2
Headlights: 8-4-55/4, 6 adv.; Williams design 9-15-55/4; Pease design 11-24-55/1;
Indicator, cylinder: 8-29-57/60;
Pilots: Iron 11-1-56/1;
Truck: Bissell safety truck on 4-4-0 9-19-57/84
Valve gear: Link motion for valve gearing 1-20-55/6; Urry & Luttgen's valve motion 5-23-57/1 & 8-8-57/40;
Water pumps: 8-15-57/45

MISCELLANEOUS
Lanterns: pix adv. 8-4-55/4, 6;
Locomotive speeds eventually to 300 mph 3-17-55/1
Railroad morals and policies 12-9-54/2
Snow plows: 7-12-56/1; 10-11-56/3;
Sunday train service: 2-9-56/?;
Turntables: Wm. Sellars 2-2-56/4 adv.; Sellars 9-19-57/85;

TRACK
Safety switch invented by D. H. Dotterer, DL&WRR
Rails, iron, length 3-3-55/3
Construction: 7-12-56/1-2;
Mono rail with balancing wheels design of Richard Morgen 4-22-57/49;

RAILROAD AGE GAZETTE 1908-1909
RAILWAY AGE GAZETTE 1910-1917
RAILWAY AGE 1918-1999 ; 2000 – 2008 see pages 1001-1003

Because of logistical problems I have prepared a separate index for *Railroad Age Gazette* and successors rather than to continue the index with the parent magazine, *Railroad Gazette.*

This index, particularly the Railway *Age* entries is not done to my satisfaction even though I spent about 500 hours on it. I probably did not index some lesser items that I should have. As railroading information rapidly expanded Simmons Boardman Publishing Company created new magazines from the *Railroad Gazette: Railway Engineering and Maintenance of Way* in 1905; *Signal Engineer* in 1908; *Railway Electrical Engineer* in 1909; and *Railway Mechanical Engineer* in 1912.

At the beginning of June, 1908 *Railway Age* of Chicago was acquired by the *Railroad Gazette* and merged. They had often carried the same material. This was a major purchase by the Simmons Boardman on its way to becoming the dominant railroad publisher. In addition to the magazine it had also taken on publishing the *Locomotive Cyclopedia, Car Builder's Cyclopedia,* and *Who's Who in Railroading.*

Simmons Boardman's final acquisition was in 1926 when it acquired *Railway Review,* its last competitor, and merged it into *Railway Age.* For years the two magazines' feature articles had covered the same subjects, often using the same pictures although sometimes published months a part.

The combined *Railroad Age Gazette* immediately reduced the number of articles pertaining to specific railroads and increased the number of articles dealing with the railroad industry such as government involvement, rates, traffic matters.

In 1959 the magazine had an editorial policy change which resulted in cutting about in half the number of items I felt worthy of being indexed each year. Subsequent material suitable for the magazine continued to gradually decline until the rise of rail rapid transit began fillings its pages, thereby halting the slide. Today it has about 20% of what it carried in the late 1940-50s during which years it was also still publishing two other magazines.

The mid 1960s had many generic articles on piggy backing which I did not index.

In the 1970s the magazine failed to discuss the real reason for most problems - archaic work rules - possibly in an attempt to mollify the unions. Much reporting was on the Federal Government helping rather than hindering railroads, and the magazine tended to sensationalize titles of articles. Articles failed to present negative problems that could effect what-ever the article was publicizing.

In the 1970s and 80s the railroads concentrated on designing for heavier loads rather than for faster speeds.. 1980 saw law changes which finally caused the operating unions to allow modifying their work rules. Many articles were on intermodal, track work, new cars, mergers, and micro processors.

The 1990s saw the large railroads selling off branches to non union owners, partly because the labor protection clauses the ICC used to impose had been altered.

By 1980 an increase in type size and mixing the texts amongst the advertisements resulted in a ten page article that said no more than a 3 page article of the 1930s.

Railway Age articles of the 1980s and 90s talked much about precision execution and quality service while ignoring in the magazine increasing losses of freight to trucking. I got tired of indexing "Aren't We Great" articles. During the 1990s they had considerable on the formation of independent, non union rail lines.

In the 1990s one issue each year was devoted to light rail and another to heavy rail suburban service. These issues gave a complete survey study of each system and future plans.

The magazine's yearly index was divided by subjects. I indexed the regular articles by looking at each page. They were articles usually of two or more pages and had pictures. Some short items of a quarter or half a column should have but were not. Some of these are more interesting that the illustrated articles. I therefore suggest that when looking up an article which I indexed that you check the index at the front of the volume for the railroad you are interested in. You may find items" of significance.

Usually the first issue of each year was the statistics issue having listings by railroad of all equipment purchases, signaling and construction projects. For 1933 it appeared Feb. 4. and by 1940s it appeared early in the year.

I indexed few articles concerning the Purchasing and Stores Departments, the Accounting Department, and Loss and Damage articles and advances to reduce it.

I indexed annual reports that were given mostly in an editorial format rather than just statistical. I did not do the latter because Poors Manual duplicates it and is more readily available to researchers.

Railway Age hits its peak in the late 1920s when it ran 3000 editorial pages a year, but it was not until 1931 that it significantly cut back. Until that time what became known as the Depression was thought to be a temporary recession like 1921. By 1934 it had declined to 1650 pages, and after World War II and into the 1950s had about 2600 editorial pages annually. Beginning in 1970 it began skipping some weeks and by 1974 was only producing 24 issues yearly. In January 1883 it became a monthly magazine.

It now included the subjects of three former Simmons Boardman magazines plus adding light rail and rapid transit which formerly S-B did not cover. Editorial pages declined to about 550 per year. A similar decline occurred in what I considered worthy of indexing. In the late 1920s it ran about 375 items per year. By the 1980s had diminished to about 60. Part of the decline is caused by poorer coverage of what previously was well reported, and part is caused by much less railroad activity.

Abbreviations used in the listings are: El = electric; Int = interurban, Lt = light; Pr = power; Tr = traction., ? = page number not distinct on my photo copy of the index. From the magazine's index I indexed Construction News items up through 1930. I have indexed them by 1H or 2H (first or second half)- year/page number. Because the railroad names did not have a RR or Ry after it, such names as Northern Dakota may be a railroad or a location. Where there are four or more page references, I have written *many*.. You will need to check the index of the magazine for page numbers.

Where there were four or more page references in a volume I say *many*. *Many each year* means at least eight references.

A name in brackets, ( ), was a variation of the name used on some of the magazine articles.

I transposed some references saying 1H when I meant 2H and vice versa. So, if you do not find it in the volume look at the other one for that year.

STEAM AND ELECTRIC RAILROADS EXCEPT LIGHT RAIL and MUNICIPAL GOVT. OPERATED 1970s-1990s

Abbeville & Northwestern : 1H-09/186, 651; 2H-09/827;
Aberdeen & Ashboro: 1H-09/523; 1H-11/924;
Aberdeen & Rockfish: 1H-10/113; 1H-13/313;
Aberdeen & Tombigbee (Valley): 2H-08/599; 1H-09/651;
Abilene & Eastern: 2H-29/1167, 1309; 1H-30/410, 1262;
Abilene & Southern: 2H-08/1373; 1H-09/186, 235, 651; 2H-09/659, 1166; 1H-10/1281, 1390; 1H-13/925; 2H-29/362; 1H-30/845; 2H-30/387;2H-10/670;
Abilene Central: 2H-09/989; 1H-10/118, 160, 749;
Abitibi Southern: 1H-29/482;
Acme Red River & Northern RR: 1H-09/many;
Ada Terminal: 1H-09/1220, 1545;
Adirondack Ry Described, Utica to Lake Placid 12-10-79/40-43; Dies due to inept management 3-30-81/20;
Adirondack & St. Lawrence: 2H-08/1559; 1H-09/651;
Ahukini Term. & Ry: 1H-21/437; 2H-21/226;
Akron Canton & Youngstown: Rebuilds locos & reduces costs 2-18-22/423-424; Side window caboose #53 8-11-23/237-239; Proposes conveyor line across Ohio 2-12-49/356-357; Acquisition by N&W RR 4-22-63/22-23;

News: 2H-08/838; 1H-09/651; 1H-11/1296, 1333l ; 2H-11/1079; 2H-12/1062; 2H-14/147;
Akron Union Passenger Depot Co: New sta. 6-10-50/1130-1134
Alabama & Florida RR: Autorailer pass. bus 11-11-39/757;
Alabama & Mississippi: 2H-08/1373; 1H-09/651; 2H-13/938; 2H-15/828; 1H-16/1059; 2H-16/89, 173; 2H-20/505;
Alabama & Northwestern: 1H-12/132;2H-12/228;
Alabama & Vicksburg: pix. #430 0-10-0 5-5-23/1105; News: 2H-23/503?; 1H-24/1536;
Alabama & Western Florida: 2H-27/864, 1064; 1H-28/1309;
Alabama Central: 1H-16/271;
Alabama Florida & Southern: 1H-13/1052; 2H-17/86;
Alabama Great Southern: News: 1H-12/453; 2H-12/906; 1H-14/253, 1257, 1606; 2H-14/many; 1H-15/1265; 2H-15/81; 1H-16/527, 817; 1H-17/275; 1H-27/1356; Annual Report 12-4-14 or 1924/1034
Alabama State Docks Terminal Ry: Profitable 3-92/51-53;
Alabama Tennessee & Northern: To extend to Mobile 10-23-26/766; Wants to extend to Mobile 10-23-26/766; New frt. service with SL-SF 4-7-28/795; Mobile term. 1-15-49/184-185; Frt. car barge Mobile to Blakeley Island pix 11-16-53/15; Items: 2H-08/932; 1H-09/651; 1H-10/546; 2H-10/17x?; 1H-11/1132; 2H-11/1036; 1H-13/87; 2H-14/310; 1H-15/985?; 2H-25/544; 2H-26/699, 961; 1H-27/1157; 2H-27/277; 1H-28/383, 830;
Alamance Durham & Orange Ry & El. Co: 1H-15/493; 2H-15/38, 257;
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Alaska Anthracite RR: 2H-21/959; 1H-26/611; 2H-26/869;
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L.A. to Chicago 12-18-67/31; Super C 35 hr train Chicago to Los Angeles for intermodal discontinued 1-29-68/22-25; Super C. frt inadequate use 10-28-68/35; Molten sulphur for Duval Co. mines at Rostler Springs Tx to Galveston 12-1-69/28; Future 3-30-70/45-49; Test track 9-28-70/42-44; Successes 5-31-71/40-46; Air brake instruction for crews 11-27-72/22-23, 26; Argentine yard 5-28-73/42-43, 48; Frt. train scheduling 3-25-74/42-43; Amarillo welded rail plant 5-13-74/36-39; Concrete tie test 1-13-75/32-33; Barstow yard 2-24-75/16-18, 22; Chicago's Corwith Yd to handle 1000 truck trailers daily 5-26-75/22-23; A great RR 4-26-76/16-21; Barstow Yd 4-26-76/24-26; York Canyon unit coal train 9-27-76/18-19; New classification yds Barstow 3-27-78/23l ; Use of industrial engineers 2-12-79/42-44; Making & meeting marketing goals 6-29-81/26-30; Merger with S.P. 5-26-80/13-14; Increased grain traffic 6-30-80/24-27, 30; Grain business 8-83/42-44; Albuquerque - Santa Fe corridor 90-100 mph pass. trains 11-85/65; TOFC trucks 4084/22; Proposed SP merger 6-84/35-38; Computer use 5-85/42-45; Doesn't like double stack idea 6-85/54-55; Mayflower Van Lines experimenting with piggy back 8-86/26; Quality Service Network with smaller crews and more miles 2-87/34-35 & 4-87/45; Retraining engineers 6-66/36-38; QSN service 2-89/31-35; loses coal slurry anti trust suit 4-89/21; United Transportation Union labor agreements 9-29/15; Intermodal service 11-89/27-32; Brotherhood of Loco. Eng'rs labor agreement 1-90/12; Intermodal agreement with J. b. Hunt trucking company 1-90/17 & 5-91/43, 46-47 & 5-93/24A ; Maintaining a race track 3-90/31-33; Labor agreement 20% have only a conductor and all trains have at least 1 trainman (first one trainman agreement in the U.S. 1-91/15; Sells 340 miles to Southern California Regional Rail Authority to San Diego, Long Beach, Pasadena, San Bernardino & others 7-92/26; Frt. service 7-94/37-54; Burlington Northern merger 8-94/25-28;

Track & Signaling - line changes, second tracks, CTC lines: 2nd track up Cajon near San Bernardino 5-1-14/983-985; Coleman cut-off 2-13-14/325-327; Raton Pass proposed electrification not profitable 2-13-14/313-316; Must restore abandoned line Temecula to Falbrook, Cal. 1-7-16/34-35; 15 mile branch Fallbrook to Fallbrook, Jct. relocated 9-14-17/461; 49 mile C/O Ellinor - Eldorado, Ks. 12-29-23/1191-1195; Adds 212 miles 2nd track N.M., Ariz, & Cal. 8-25-23/335-340; 115 miles 2nd track & color light signals Yampai, Arz & Toprock 3-29-24/843-844; Line relocation at Chilli-

cothe, Il 4-4-31/671-675; C.T.C. Kinsley, Ks to Dodge City, 30 miles 3-28-31/620-622; CTC Holiday, Ks to Olathe, 12 miles 12-19-31/945-947; Completes Denver - Texas cut off 4-17-37/668-672; Std. curve Chi. to L.A. is 1 degree 30 minutes or less 3-13-27/430-435; Relocates 20 miles because of John Martin dam, Bent County, Colo 12-20-41/1040-1045; Curve reduction program for streamliners 9-6-41/369-371, 375; To build 2 miles to Long Beach, Cal 6-16-45/1071, 1080; CTC Belen, NM to Vaughn, 105 miles 3-31-45/591-593; CTC Los A. to San D. 12-9-44/885-887; Improve coast lines west of Belem Jct, NM 4 divisions in Cal. 10-14-44/580-583. 590 & 10-21-44/619-622; CTC Fresno to Bakersfield 12-28-53/55-60; CTC Fresno to Stockton, 125 miles for 8 pass. trains & 14 frt & 1 local 8-5-57/25-26; Albra to Skill Valley line change Az 2-5-62/18-19; Line change Williams to Crookton, 46 miles, Az and Goffs to Ash Hill, Cal, 66 miles 5-26-58/39; CTC 136 miles Newkirk, Ok to Purcell 3-28-55/30-31; Dalles cut-off 10-10-55/40-44; CTC on new Williams line 8-7-61/30-31; Bristol Mtn. Cal new line and top of grade blasted by nuclear 3-9-64/18-21; 38 mile line at York Canyon, NM 10-10-66/126-17; 30 miles new line Duval, Tx. to N.M. 8-11-69/24-29;

Passenger Service: "Train de Luxe" 12-15-11/1207-1211; Dining car service 2-5-27/408-410; "Super Chief" train 5-22-37/855-864; Test run L.A. to Chicago with 9 car train and diesel 39 3/4 hours 11-9-35/595-597, 611; "El Capital "& additional "Super Chief" put into service 3-26-38/554-559; Coordinated bus-rail Bakersfield to Los Angeles for "Golden Gate" trains 8-13-38/249-251; Bus connections San F. to Oakland 2-26-38/384-386; Santa Fe Trailways subsidiary sleeper bus L.A. to S. Frans. 11 hour run 9-23-39/448-449; "San Francisco Chief" begun 6-7-54/33-34, 48; To discontinue "Chief" due to mail loss 5-27-68/87; Rapid travel wills 11-12-62/14-15; RDC 2 car non stop commuter run Los. A. to San. Diego 6-2-52/16 & 6-9-52/18; Los Angeles - San Diego pass. service 1-19-53/31-33;

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Chicago & North Western RR: Ableman's curve, Wis. photo 1-29-09/218; Clinton, Ia swing bridge 1-14-10/85-89; Wm. A. Gardner, pres. 10-28-10/784-785. Belt lines at Chicago & Milwaukee 2-24-11/354-356 & 10-20-11/782-788; Boone yard & shops 7-26-12/151-159; Milw., Sparta & NW 130 mile new line 3-8-12/382-387; Green Bay ice house 5-14-14/1097-1100; 91 mile coal field extension in Ill. 5-22-14/1141-1145; Milwaukee swing bridge 4-16-15/836-838; Richard H/ Ashton, pres. 6--2-16/1173-1174; Marvin Hughitt, chairman, 4-19-18/1044-1045; Mo. River bridge at

Blair, Neb. 11-22-24/931-934; Automatic train control 8-22-25/354-358; Marvin Hughitt retires 6-27-25/1641-1642; F. W. Sargeant, pres. 6-27-25/1642; Replaces crossing gate with wig-wag at Elgin, Il 10-27-26/1051-1052; Aurora, Ill storehouse 1-23-26/254-268; Gives medical exam to all train and yard and eng. crews 7-21-28/111-112; Prosperity 9-15-28/495-496; CTC Green Bay to Duke Creek 8-10-29/370-372; Finances 11-23-29/1189-1190; Performance 10-4-30/694-696; LCL service 5-30-31/1060-1062; Files for reorganization 7-6-35/11-12; Auto. crossing gates 10-3-36/470-472; Final reorg. plan 12-23-39/967-968; Winona bridge over Miss. Riv. replaced 2-13-43/350-352; Train radio & yard service 9-8-45/406-407; Chicago loco. shop 6-19-43/1210-1214; Gets rid of 6626 structures, 391 locos & 9405 cars since 1939 8-18-45/285-288 & 8-25-45/323-325; Finances 4-7-45/620-622, 626; Track gang mechanization results 4-20-46/811-813; 100th year 10-30-48/796-812; 162' bridge over Shebooygen River erected in 7 1/2 hours 6-26-48/1272-1275; Fred W. Sargeant, pres. 6-3-39/945; Rowland L. Wilkes, chief 7-29-39/180-181; Snow problems 2-26-49/450-451; CTC double track line West Chicago to Nelson, Il 4-8-50/692-695, 700; Frt. traffic in Wyo. & S.D. 10-1-51/104-106; Rowland L. Williams pres. retires & Paul E. Feuch new pres. 12-29-52/42-43; Tests LCL piggy back Chicago to Green Bay 8-31-53/9; Oshkosh grade crossings 8-8-55/44-45; Grade crossings at Morrison, Il 12-12-55/38-40; Benj. Heinemann new pres. 2-27-56/7-8; Heinemann proxy fight for control 2-13-56/14; Future of the RR 8-6-56/46-48; Want severance pay for non operating union workers for technology and modernization loss of jobs 1-28-57/11, 14; 3 highway post office trucks operated by the RR 3-4-57/10, 39; Discontinue pick-up & delivery LCL - death knell. 3-11-57/44; Future 4-15-57/38-39; Car reporting of trains leaving and due at yards 6-17-57/56-57; Clinton, Ia. car shop 11-4-57/59; Wants to close 69 stations 11-18-57/9-10; Potato traffic 12-2-57/14-15; Diesels plunges into Two River, Wis harbor 3-31-58/11-13; Wants close many sta's in SD, Mn, Ia, Wis 4-21-58/48; Improving 330 grade crossings 6-30-58/23-24; Labor rules changes to employee people only if needed, non operating 9-1-58/9-10; Strike by Telegraphers 9-3-62/8 & dispute settled 10-15-62/41, 44 & 10-22-62/22-23; Track surfacing automation 9-2-63/333; TOFC for tank trucks tested 8-1-60/33; Firemen unnecessary for push-pull trains 6-19-61/37; RR rehabilitation by Heinemann & Clyde Fitzpatrick 5-4-64/16-21, 30; reefer piggy back 8-30-65/50-51; Airplane used by RR 9-27-65/56-58; Comeback 3-21-66/24-31; Use of computer for tracking cars 9-26-66/30-33; Microwave 2-27-67/42-43; Escanaba ore term. 8-14-67/25 & 12-16-68/16-17; Employee ownership & involvement 11-9-70/26-29 & move to 4-10-72/13; "Commoditrain" operation 9-13-71/16; Cost of branch lines per mile ($4000) & ICC foot dragging on abandonments 3-6-72/11; Branch line abandonment's 5-28-73/50-51; M/W reorganized 1-14-74/36-37; To abandon 4 S. D. lines 2-9-76/14; Intermodal improvements 10-31-77/20-21; Dept. of Trans 4R Act helps rebuild Chicago to Fremont line 3-12-79/16-18; Gets banks to finance Powder River Basin coal route 12-28-81/10; C&NW success as R.I. & Mil. flounder 7-28-80/83, 86-88; Powder River coal trains 10-84/37-38 & 10-86/56-59; Computer assisted dispatching 8-86/71-76; Doublestack operations 2-87/36-37; Future 4-88/35-38; Commuter 2 hour strike by U.TU 10-88/22;

Mergers: Consolidation plan for UP-CNW 1-27-23/xxx?; Merger plan with CMSP&P filed 11-5-38/664-666; Purchase Litchfield & Madison RR 5-27-57/15; G.M.&O - C&NW merger talk 7-16-62/50-51; CRI&P merger talk 7-1-63/9; M. & St. L. merger 8-8-60/29 & 10-24-60/34-35; Mil. RR merger off 4-10-61/9; CRI&P-C&NW-UP merger fight 2-24-64/9; C&NW sells CRI&P stock 6-29-64/11; C&NW-Mil. merger talk 9-28-64/11 & 3-29-65/11-12 ; former R.I. RR Twin City to Kansas City line 4-84/62-63; Proposes to buy Mil & RI grain lines 12-31-79/28-29;

Passenger Service except suburban: Reequips 'Northwestern Ltd" and "Corn King Ltd" to Sioux City 9-1-28/419-420; Union Pacific Stages begins bus service Chicago to Denver 10-26-29/1031-1032; Train "Columbine", Denver - Chicago and new cars 6-21-30/1465-1467; Interstate Transit Line bus subsidiary 12-26-31/988-989, 992; "400" begins Chicago To St. Paul, 7 hours, 2-2-35/188-192; Results of passenger increases on "400" 7-13-35/51-52; New signaling for the "400" and elimination of Hall banjo signals 12-28-35/846-848; "City of L. A. & S.F." streamline trains 1-29-38/224-231; New "Challenger" train cars 5-14-38/838-842; Mile-a-minute pass. trains 11-30-35/700-707; "Cities of L. Angeles & San Fran. 8-23-41/305-310; Personally conducted rail tours 12-29-28/1309-1312; 2nd section "City of Denver" for summer steam hauled 5-20-39/883; Streamliner maintenance at Chicago 5-30-42/1068-1074, 1087; Milwaukee sta. 4-25-42/814-818; City ticket office at Milwaukee 2-15-47/354-356; Install automatic train stop for the 100 mph 400 streamliners Chicago to Wyeville, Wis, 235 miles 3-23-53/73-75; Restores "Challenger" train discontinued years before 12-14-53/11; U.P. "City" trains transferred to the Mil. 9-26-55/8-9; Making major changes in pass. service 12-12-56/13; Wants discontinue many Wis. trains 5-20-57/64-65 & 6-17-57/16; Pres. Heinemann predicts no pass. service in 5 to 7 years New Bi-level cars 10-27-58/72; 400s 11-6-61/34

Chicago area miscellaneous: Kinzie bascule bridge 12-18-08/1580-1581; Chicago term. progress 2-11-10/314-315; Bush train shed 3-17-10/660-662; Chicago sta. progress 7-15-10/128-131 Chi. term. 3-23-11/656-658; Interlocking at new sta. 10-20-11/761-768; Chicago pass. train 6-9-11/1311-1315 ; Belt line construction 2-24-11/354-356; South Chicago grain elevator explosion 4-1-21/847-848; Evanston track elevation 6-6-14/459-463; North Br. Chicago River lift bridge 8-11-16/233-236; Handling Catholic Church convention Chicago to Mundelein 7-3-26/5-9; Proviso transfer yd for 690 cars 11-5-27/876-880; Completes Proviso Yd 8-2-30/224-229; Chicago express term. 6-13-31/1149-1152; Chicago grade crossing at Stewart Ave (Canal St) & 15th Place 8-15-31/241-244, 251; Frt. sta. under Merchandise Mart 9-26-31/471-473, 478; Proviso LCL term. operation 1-30-32/197-200; Winnetka, Il grade separation 2-5-44/307-310; Replaces Mil. crossing near Western Ave. & Kinzie St. with many double slip switches 10-26-46/684-687; Chicago diesel shop 2-4-49/320-327; Proviso LCL pick-up & delivery 10-7-50/50-51; Oak Park, Il sta. sale 1-22-51/36; Chicago train shed raised 8-2-54/26-27; Remodeled Chicago term. 8-8-55/16 & 6-4-56/48-50 & 6-2-58/26-27; Plans first push-pull in the U.S. 4-21-58/17, 19; Commuter profits 1-6-58/8-9; Tear down huge Proviso LCL frt. house 6-30-58/32; 126', 187 ton bridge girder for RR over 2 Chicago streets 8-17-59/18; Push-pull trains begin 10-19-59/16-17; Commuter service 7-9-62/12-13; & 2-13-61/24, 26 & 9-6-65/23-24 & profitability 3-1-65/11; Proviso Yd used for TOFC 12-23-63/18-21; Push pull trains 2-3-64/14-15; Coordination with Chicago Transit Authority 11-7-66/21; Commuter parking 5-6-68/26-27;

Equipment: Lunch car used as restaurant at Orin Jct, Wyo. 10-9-08/1100;?; #1543 2-17-11/325-326; Lunch counter car 6-11-15/1248; #128 4-4-2 pulverized coal loco. 8-11-16/227-230; #2159 0-6-0 transfer loco. 3-30-17/698; Gas motorized old day coach #2680 9-29-23/585-587; Gas el. car #9902 7-17-26/104-105; 1000 hp battery loco 10-16-26/736-737; #121667 ore car 12-18-26/1209-1210; Roller bearing suburban car #8000 9-3-27/449-450; #2806 2-8-4 11-19-27/988-990; "Colorado Club" 6-21-30/1465-1476; #3006 4-8-4 1-11-30/144-146; Auto box #49814 1-4-30/87; Pullman cart with side door for invalid pass. going to Mayo Clinic 7-26-30/160; Rebuilds parlor cars 8-6-32/198; Box car #89498 pix 9-21-35/362; 5400 hp diesel on "City of Los Angeles 12-11-37/868-870; New "400" streamliners of 10 cars each 9-23-39/455 & 11-11-39/736-741; Hopper car #63299 11-12-38/725; #4002 4-6-4 streamlined 8-27-38/305-307, 324; Box car #105598 5-4-40/775-776; New "400" equipment 3-28-42/650-654; 7 2-8-0 #1563 to Mexico 6-5-43/1145; Coach #3429 painted and lettered with patriotic 11-21-42/835; 4-8-4 modernized 4-27-46/860-862; Diner in wreck train crew car X300845 1-22-49/222-223; Steam loco. costs 11-12-49/834-837; 3 RDC cars for suburban service pix 7-1-50/79 (later sold to C&O RR); Alum. sleepers 3-18-50/536-538; Home made rail car 12-9-52/30-31; #3004 4-8-4 360,000 miles between shoppings 12-30-50/28-29; Mobile steam generator car #150 8-18-52/46-48; Box car #948 with fibre glass 9-14-53/26; Insulated box car #61236 keeps wood pulp from freezing 10-12-53/15; Box car #1 pix 11-9-53/11; Double deck commuter cars 3-1-54/25-26 & 404055/10; Northwestern Refrigerator Line NWX #100 mech. reefer 6-7-54/40, 47; last steam loco. out of Chicago 5-21-56/117 pix; Gallery suburban car #28 10-22-56/14-15; Rebuilds #1201 600 hp diesel to cow & calf booster #BU-1 12-10-56/36; Orders 13 bi-level cars for main line trains 11-4-57/58-59; & 8-18-58/19 Rebuilds 25 cares #3428 10-13-58/39, 42; 116 new commuter cars 1-18-60/8 & 5-2-60/26;

Annual Reports: 11-13-08/1330-1331; 9-30-10/568-569; 10-13-11/697-698; 9-27-12/567-568; 9-26-13/552-554; 10-2-14/593-594; 10-8-15/635-636; 10-13-16/627-628; 4-13-17/770-771; 6-14-18/11409-1410; 5-21-20/1440-1441; 6-3-21/1256-1258; 5-27-22/1243; 7-7-23/29-31; 7-12-24/67-69; 5-16-25/1219-1221; 4-24-26/1186-1188; 5-29-26/1449-1451; 4-30-27'1361-13643; 4-28-28/996-998; 4-20-29/937-939; 4-26-30/994-996; 4-25-31/849-851;

News: 2H-08/47, 456, 1120; 1H-09 - 2H-10/many each year; 1H-11/433; 2H-11/many; 1H-12/453, 780; 2H-12/143, 599, 1062; 1H-13/many; 2H-13/36, 585; 1H-14/1315; 2H-14/many; 1H-15/648; 1H-16/many; 2H-16/173, 773; 1H-17/918, 1260, 1507; 2H-17/582, 913; 1H-18/1055, 1304; 2H-18/149, 320, 836; 1H-19/1235; 2H-19/44, 337; 2H-20- 1H-24/many each year; 2H-24/349, 572, 622; 1H-25/441; 2H-25-2H-30/many each year;

Chicago & St. Louis: 1H-21/many;

Chicago & Wabash Valley: 2H-08/740; 1H-12/221; 1H-14/102;

Chicago & Western Indiana RR: Track elevation 95th St & S. Chicago 3-24-11/758-762; Track elevation 3-10-16/427-430; Little Calumet River swing bridge 6-23-16/1551-1553; New Chicago pass. sta. plan 1-27-23/263-267; Dearborn sta. modernized 7-19-47/94-98; 47th St. interlocking 9-28-53/16-17; Coach yard 9-13-54/31-33; News: 1H-13/1244; 2H-20/418; 1H-22/548, 802; 2H-22/589, 1256; 1H-24/1292; 2H-24/39; 1H-25/298, 1112; 1H-26/1460; 2H-26/312; 2H-27/400;

Chicago & Wisconsin Valley: 1H-10/1812; 2H-10/103, 372; 1H-11/62; 2H-11/1188;

Chicago Attica & Southern RR: Organized from Brazil Br. of C&EI 9-23-22/22/581; Auto railer 9-26-36/453-454 & 3-18-39/466-467 & 9-26-36/453;

Chicago Aurora & De Kalb (El): 2H-09/79, 520, 1166; 1H-10/749; 2H-10/439;

Chicago Aurora & Elgin: Strike 3-19-5175; Congress St. highway & service abandonment 3-10-52/102-104; Wants to drop pass. service 3-19-56/11; Forest Park Sta. pix 9-10-56/10; Allowed to sell properties 7-24-61/41; : 2H-23/135?; 2H-25/205;

Chicago Burlington & Quincy: Havelock, Neb. shops & L/O 1-6-11/33-40+insert; Suction dredge for double tracking along Miss. Riv. 8-25-11/375-377; Frt. traffic changes 7-18-13/85-87; Darius Miller, pres. obit 8-28-14/384-385; Hale Holden, pres. 9-4-14/428; Embankments constructed in river 11-20-14/969-970; Low grade line to Paducah 11-27-14/999-1004; Guernsey-Wendover line construction 6-23-16/1539-1541; West Burlington, Ia. shop 3-2-17/345-347; Twin City Belt Ry organized for new line by CBQ, NP, GN 7-20-17/97-98 ; Yutan-Chalco Jct. C/O over Platte River, Neb. 8-3-17/183-185; Ford auto converted for use as division insp. cars 11-9-17/852; To add stock recapitalization 2-18-21/417-419; Refinancing disapproved 3-4-21/499-505; Crow Agency, Mont coaling sta. 8-20-21/354; Denver loco. shop 10-6-23/611-615; Cole Creek trestle, Lockett, Wyo. flood & wreck kills 30+, 10-6-23/634 & report 12-8-23/1052; Wendover, Wyo - Billings flood damage 11-24-23/968-970;17 mile C/O near Beardstown, Il and Vt 9-13-24/442-446; Worst sleet storm 2-7-25/363-364; Long eng. runs 4-18-25/971-976; Loss of earning power 7-9-27/65-67; Consolidates four interlocking towers into one 3-24-28/677-678; Frederic

E. Williamson, pres. 12-15-28/1197; Performance 3-2-29/532-534; New U.P. Omaha sta. 4-13-29/849-850; Begins bus subsidiary, Burlington Transportation Co., in Neb. 4-27-29/107; Reequips pass. train 3-8-30/590-592; 1929 performance 9-27-30/629-632; Double tracks 284 miles Savannah, Il. to St. Paul 12-27-30/1354-1358; Omaha sta. rebuilt 1-10-31/136-140; Beardson Div & coal traffic 2-7-31/315-317; Substitutes buses for trains 2-28-31/457-461; Ralph Budd pres 12-12-31/905-906; Auto. train control discontinued 2-11-33/215; Albia, Ia remote control interlocking 2-24-34/291-292; Pass. service 12-1-34/advertising pages 24-27; Converts 60 mph track to 100 mph Chicago to St. Paul 12-15-34/794-796; Institutes Chicago to Los Angeles buses. First RR to extend bus line beyond their territory 1-19-35/85-86; Flood washes out 41 miles of track along Republican River in Neb. 6-15-35/928-930; Avoids strike by putting second man in cab of Zephyrs 12-14-35/797; First gasoline driven hand car (1892) 8-15-36/256; 2nd track added Chariton, Ia. 11-21-36/756-759; Osceola, Ia. sta. pix 10-10-37/544; Personally conducted rail tours 12-29-28/1309-1312; Snow problems 2-26-49/450-451; Radio on Chicago diesel switchers 12-9-44/883-884; 100 years old 2-5-49/300-313; Bus & truck coordination 5-27-39/913-914; Loco. scale house 11-26-38/773-775; Denver produce term. 3-30-40/584-587, 593; La Crosse sta. 11-9-40/674-676; Track maintenance for high speed service 4-26-41/714-718; Track relocated for dams 12-27-41/1073-1077; Lincoln hump yard 7-21-45/100-104; Burlington, Ia. sta 9-16-44/433-437; Diesel shops Clyde, Denver & W. Burlington 12-14-46/1004-1008 & 12-21-46/1042-1046; Radios on switchers 6-7-47/1170-1172; Denver facilities 5-10-47/940--942; Vista dome car washer 10-2-48/624-627; Ballast removing 4-9-49/738-741; loco to caboose radio 3-12-49/552-553; Ralph Budd, pres. 9-3-49/408-412 & 9-10-49/466-467; Harry C. Murphy pres 8-13-49/298; new line Brookfield to Missouri City saves 22 miles 7-15-50/28-32; 12 mile new line due to dam near Thermopolis, Wyo 8-5-50/68, 73; Kansas City yard communications 11-4-50/58-60; Centennials C/O to Kansas City 2-12-51/113-116 & 2-18-52/44-47; Ottumwa Sta. 6-18-51/63; & 9-17-51/86-89 Kansas Flood 7-16-51/36-37 & 7-23-51/30-31; Kansas City to St. Louis new route 11-5-51/78-80; Kansas City short cut and new Zephyr pass. trains 2-9-53/71-73; Omaha-Council Bluff yard operation radio 8-10-53/84-86; Hannibal,. Mo. pass. sta. 11-8-54/32-35; Quincy, Ill terminal moved to West Quincy, Mo. 1-24-55/30-32; Omaha sta. parking 3-28-55/33-36; Chicago - Kansas City line 3-12-56/50-53; Merger proposed of CB&Q, GN, NP, SP&S 1-30-56/13; piggy back hauling on pass. trains 5-16-60/9-10; Traffic development 9-23-63/26-27; North Kansas City LCL frt house 7-18-60, 24-25, 30; Boosting pass. revenue 1-9-61/26-27; Self powered crane for loading/unloading trailers and containers (first?) 10-10-66/4-6? Lincoln, Neb diesel shop 8-24-64/44; Miss. River flood & use of #4960 2-8-2 on flooded tracks 5-24-65/30-31; Harry C. Murphey pres. retires 6-28-65/50, 52; GN-NP merger rejected by ICC 5-2-66/27-28, 32; TOFC growth 10-31-66/16-17; Livestock 1-23-67/32; Rail-air containers Denver-Chicago-London 5-29-67/58-59; Mobilizes branch line agents to cover several sta's 11-20-67/15-18; Potash trains from Canada 12-9-68/19, 22; Quincy space center underground warehouse frt. transfer 11-24-69/44; NP-GN-Q merger court approved 2-2-70/38-39, 46;

C.T.C. & Signaling (except Ill.) : Color light signals Hannibal to Louisiana 7-28-23/159-160; Signals Wyo. & Mont. 5-24-24/1260-1262; C.T.C. near Burlington, Ia 8-15-25/305-307; CTC Sherman, Neb. 3-2-29/523-526; CTC Red Oak, Ia. to Balfour, 24 miles 8-30-30/439-442; CTC entire division Akron to Denver, 112 miles 2-26-38/366-371; CTC thru Hastings, Neb. 9-3-30/348-349, 351; CTC Lincoln to Hastings 8-25-45/330-332; CTC Hastings to McCook 131 miles 9-14-46/443-445; CTC Hannibal, Mo to Macon 6-15-59/18; CTC Ravenna, Neb. & Alliance which formally had no signals 11-12-51/41-44; Cab signals 6-28-54/54-56; CTC Oreapolis to Lincoln 5-9-55/31-32; CTC

Illinois Operations: Galesburg ice house 10-1-09/580-581; Hawthorne, Ill icing sta, 10-15-09/711-713; New Chicago office bldg 12-8-11/1174-1175; Line into southern Ill. coal fields 4-14-11/900-903; Galesburg creosoting plant 4-18-13/906-909; Evanston track elevation 6-6-14/459-463; Chicago office bldg fire 3-25-22/785-786; Aurora elevation 7-1-22/7-11; Chicago frt. term. 9-15-23/475-479; Scrap yard at Eola, Il 4-12-24/919-923; Buda, Il. collision 7-12-24/61-62; CTC Gibbs, Il to Arenzville 12-29-28/1303-1305; CTC double track Flag Center, Il to Steward Jct. 4-5-30/812-814; Chicago grade crossing at Stewart Ave (Canal St) & 15th Place involves train s of 7 RRs 8-15-31/241-244, 251; Galesburg hump yard 12-24-32/938-942; Replaces crossing gates with flashing lights at Macomb, Il 3-4-33/334-335; Fix span bridge converted to vertical lift at Ottawa over Ill. Waterway 8-11-34/168-171; Replaces main line local trains with buses Chicago to Davenport and Omaha 9-22-34/349-350, 353; Water treatment plant at Galesburg 5-14-38/835-837; CTC 40 miles Aurora to Stewart Jct. 5-8-43/911-914; Galesburg yard 3-6-43/459-465 & 605032/1130-1131; Naperville wreck kills 45 5-4-46/921 & 5-11-46/959-960; CTC Flag Center, Il to Savanna, 59 miles 8-23-47/312--314; Rockford, Il. sta. 4-19-47/793; Chicago frt. sta. 1-8-51/32-35; Suburban service new & old equipment 7-13-53/17; Chicago ft house 56th & 29th St 7-27-53/60-63; Commuter operation 2-8-54/61-64; Cicero frt house 2-7-55/37-41; Cicero Yd changes 3-10-58/20-21 & 7-14-58/21-23, 26; Congress Park, Chicago interlocking 9-10-56/22-23; CTC Bushnell, Il to Carthage Jct., 69 miles 12-10-56/34-35; Berwyn, Il (Chicago) frt. house for LCL 10-13-58/17, 20; Push pull commuter trains 2-3-64/14-15;

Zephyr Trains: Zephyr 4-14-34/533-544; Zephyr christened 4-21-34/586-587; Denver to Chicago Dawn to Dusk run 13 hours, 5 min. 6-2-34/819-820; Starts Zephyr on first regularly scheduled run of a high speed train, Lincoln, Neb. to Kansas City, 5.5 hours 11-10-34/590 & 11-17-34/625; First runs 12-22-34/837; Zephyr results 3-16-35/386-387; Place "Twin City Zephyr" in service 4-20-35/600-603; "Twin City Zephyr" service doubled, twice a day 5-18-35/782; "Mark Twain Zephyr" 11-2-35/563-565; "Denver Zephyr" trial run Chicago to Denver 12 hr, 12 1/2 min. max speed 116, ave. speed 83.3. 10-31-36/627-628; "Denver Zephyr" 11-7-36/658-670; New "Twin City Zephyrs" 12-26-36/931-935, 947; "Denver Zephyr" telephone 8-21-37/232-233; First running of streamlined train in 2 sections 1935 with a steam engine hauling reverse train 3-5-38/423; Success of Zephyr 7-13-35/51-52; Mile-a-minute pass. trains 11-30-35/700-707; 9th Zephyr, "General Pershing" Kansas City to St.L. 5 hours, 279 miles 4-29-39/727-735; "Denver Zephyr" sleepers 7-8-39/65-66, 81; 2nd section Denver Zephyr for summer uses steam loco. 5-20-39/883; "Pioneer Zephyr" repaired after collision 3-2-40/397-400 & accident report 3-2-40/419; Twin City Zephyrs each with 5 dome cars 12-27-47/1127-1129; "Denver Zephyr" remodeled 5-28-49/1084-1086; "Calif. Zephyr" 3-26-49/636-647; Minneapolis turn around of 30 minutes - always on time 5-19-52/116-117; Kansas City short cut and new Zephyr pass. trains 2-9-53/71-73; Selling Calif. Zephyr 5-16-55/148-149; Denver Zephyrs reequipped 10-29-56/24-28; Calif Zephyr to be discontinued - a seasonal tourist train 2-23-70/11;

Bridges: Des Moines 7th St. viaduct 10-4-12/625-630; Il. River bridge at LaSalle 3-18-14/623-624; Metropolis, Ill - Paducah, Ky bridge 7-23-15/160 & 2-4-16/203-205 & 5-12-16/1025-1028; & 9-8-16/399-403; Metropolis bridge in use 1-25-18/203; Kansas City bridge over Mo.Riv. 8-13-15/284 & 6-8-17/1181-1185; Platte River bridge near Grand Island, 11-29-18/951-953; Girder hanging supports track bridge near Western Ave & 21st St, Chicago 9-4-26/411-413; Proposed Mississippi River bridge at Quincy, Il 7-6-59/46 & 11-28-60/58-59, 64;

Equipment: 50T gond. 11-23-08/1194-1196; Lounge car 10-22-09/754-757; Chair car #1151? 7-22-10/157-159; Woman's parlor car 9-15-11/501-502; Gond. #77099 6-20-08/265; 2-6-6-2 5-13-10/1213-1216; #5227 2-8-2 11-29-12/1045; #6000 2-10-2 5-3-12/1006-1010; Crane and pile driver #2046143 6-20-13/1567-1568; Dining cars 2-6-14/273-274; #6109 2-10-2 8-28-14/387-388; #2951v 4-6-2 8-13-15/275-277; Box car #130251 1-21-16 front cover pix; Coaches 6115 2-23-17/315-317; #2699 4-6-2 & #5075 2-8-2 8-2-18/224-225; Edwards gas rail car #500 8-19-22/352; Stock car #67788 8-23-24/337 pix; Edwards gas rail car #502 12-6-24/1013-1015; Gas el. car #552 7-3-26/19-20; Gondola #195499 pix 11-13-26/926; Obs. lounge cars 6-30-28/1511-1512; 2-10-4 performance 6-23-28/1425-1428; Insp. loco. #389 (last one ever built.) 7-21-28/115; Tests Mack 170 hp gas el. loco 3-2-29/539-540 ; Martin circulator #5505 2-8-2 1-25-30/255-256; 57 gas el. cars 2-28-31/439-443; #5601 4-8-4 & #3000 4-6-4 3-7-31/499-500; 330 Ballast car #220081 pix 1-7-28/91; Hp Porter gas el. loco 7-18-31/85-86; #9120 60 ton gas el. 4-2-32/559-560; #9121 460 hp D.E. by Westinghouse 11-4-33/663-664; "Aeolus" #4000 4-6-4 5-15-37/823-824; Pendulum cars 1-24-42/248-252; diesels in hump yard at Galesburg 5-13-44/896-897; Vista dome car tested 8-11-45/245-248; Alum. hopper cars #190854 9-9-44/402; Express reefer cars 3-2-46/459-460; "Twin City Zephyr" dome car 10-11-47/604-608; Air conditions 65 suburban cars 2-19-49/408-409; Problems of diesels in switching and road service 7-15-39/108-114; diesel rotary plow #205099 1-14-50/138-139; Gallery suburban cars 10-21-50/20-23; Silver Bay sleeper pix 11-17-52/68; dome car usage 6-15-53/132; old & new suburban service cars 7-13-53/17; Burlington Refrigerator Express reefers BREX 9-7-53/12 & BREX #120 1-11-54/184; Caboose #13548 1-31-55/25; slumber coaches 12-24-56/30-31 & 5-15-61/41; Box car #62500 3-31-58/34; insulated box cars #72575 3-11-63/12-14; alum. hopper cars #163000? 12-6-65/28-29; 60' reefers 6-27-66/26, 47; Bi-llevel commuter cars 6-12-78/11; Rotary snow plow of Bros. Bales #50 4-8-50/688-690; slumber coach 5-15-61/47;

Annual Reports: 12-4-08/1468-1469; 11-12-09/908-910; 1--27-11/828-829; 11-8-12/872-873; 11-7-13/854-855; 11-13-14/884-886; 11-26-15/994-995; 11-24-16/928-930; 8-17-17/270-271; 9-24-20/512-513; 8-13-21/279-280; 1922/see mag's index; 5-12-23/1165-1167; 5-17-24/1213-1215; 5-23-25/1286-1288; 5-8-26/1285-1286; 5-22-26/1373-1375; 5-5-28/1073-1074; 5-4-29/1074-1075; 5-10-30/1162-1163; 5-9-31/943-944;

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Chicago Elevated RRs : Oak Park El. entrance to North Western Term. 3-18-10/737-739; Elevated and street ry strike 6-25-15/1469-1474;

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company piggy back 10-24-36/603-604; Reorganized 3-1-41/389-390; Gas el. car #1300 (or M300) of 1924 6-24-44/EMD advertisement; Grant Stauffer, pres. 11-13-48/903-904; Harold W. Berchess (?) resign pres. 8-18-48/337-338; Wm. H. Deramus III pres. 5-28-49/1091-1092; Scraps coal chute 4-14-52/42-43; Merger with Soo studied 10-22-62/9-10;
News: 2H-09/942, 1107; 1H-10/749; 2H-10/439; 2H-14/877; 1H-16/1017?; 2H-17/541; 2H-18/238; 2H-20/549, 817; 1H-21/1093; 2H-21/42, 270, 596; 1H-22/many; 2H-22/725; 2H-23/410, 746; 1H-24/218; 1H-25/441, 905; 2H-26/218; 2H-30/642;

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Chicago Indianapolis & Louisville: Report 10-20-11/759-760; Fairfax Harrison, pres. 12-5-13/1084; Flood reconstruction 7-18-13/110-111; Frederic A. Delano, pres. 1-2-14/29; Harry R. Kurri, pres. 9-11-14/474; Lafayette frt. car shop 6-10-21/1325-1327; Indianapolis frt. sta. 2-21-25/45-451; B&O RR may acquire 6-8-29/1318; Covered bridge at Bloomfield, In 8-31-29/567; New lounge car 10-18-30/798-799; Operations during Ohio Riv. flood 3-6-37/401; Louis D. DeRamus officer 7-22-39/163; Harry R. Kurrie, pres. obit 12-31-38/964-965; Plans 100 mph From Hammond, Ind to Indianapolis and 150 minutes for 183 miles Ch. to Indianapolis 11-9-46/772; John W. Barriger, pres 5-11-46/961; 100th year 8-9-47/245-246; Barriger speaks of RRs of future 6-28-47/1316-1317; 4 mile relocation at Cedar Lake, Ind. 12-18-48/1153; Lafayette diesel shop 6-12-48/1172-1175; Converts hospital cars & troop sleepers to streamline train 1-10-48/114-117; Converts tourist sleeper #1522 to baggage car 8-13-49/297 or 299; Wabash River bridge replaced on Indianapolis line 2-4-50/262-265; John Barriger, pres. in Nov. 1951 Fortune Mag., page 119 11-18-51/14; Rehabilitation 2-4-52/73-77; Monon, Ind. pass.sta. 6-29-53/59; Hammond frt. sta. 7-26-54/36-38; Covered hopper 7-12-54/64; Caboose pix C-350 10-25-54/48; Piggy back service 3-14-55/67-68; Caboose #81525 11-19-56/38-39; drop pass. service 6-17-52/18; Future 8-24-59/13, 16; Merger talk with Chi.South Shore & South Bend RR 1-27-64/44; TOFC bridge traffic 10-25-65/39; Merger with L. & N. RR 9-28-70/27;
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Chicago Junction RR: Bascule bridge over canal 31st. St 3-15-10/565-567; Huge fire 10-22-20/704; Acquired by N.Y.C. 5-27-22/1244-1246; Frt. sta. #6 4-9-27/1135 or 1125-1137; News: 2H-23/453;

Chicago Kalamazoo & Saginaw: NYC wants to merge Big 4, Mich. Cent. & Chi. Kal. & Sag. 6-11-27/1795-1796 & merger recommended c2-2-29/323-325 & merger decision 2-16-29/411-412;

Chicago Kenosha & Milwaukee (El): 1H-09/88;

Chicago Lake Shore & Eastern RR: Gary class. yard 1-8-09/66-67 + insert.; Scherzer bascule bridge at Indiana Harbor 3-24-11/767;

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Chicago Milwaukee & Gary: 1H-22/207;

Chicago Milwaukee & Puget Sound: #2502 2-8-2 7-16-09/95-97; Gas El. car #301 2-28-131/389; News: 1H-09 -1H-12/many each year; 2H-12/973, 774 ;

Chicago Milwaukee & St. Paul RR: Mobridge, SD Mo. Riv. bridge 6-10-10/1406-1411; Savannah, Il rail mill & salvage yard 6-21-12/1572-1574; Tomah, Wis frog and switch shop 11-15-12/938-941; Odessa, Wis wreck 1-19-12/84-86 & 1-26-12/152-153; Roswell Miller pres. obit 1-10-13/54; Double tracking Aberdeen to Minneapolis 3-21-13/673-676; RPO car #550 6-16-13/1410-1411; St. Paul yard improvements 7-4-13/19-21; Shrine special and painted bag. car 6-23-23/1626 pix; Accounting violations 3-13-14/511-514, 498-499; Rebuillding 275 miles in Ia 3-20-14/633-687 & 5-8-14/1031-1036; Eng. term & yd at Perry, Ia. 5-15-14/1082-1084; Prairie du Chien pontoon bridge 9-18-14/528-529; Minneapolis track depression 12-3-15/1059-1063; Miss. River bridge between St. Paul & Mendotta 1-12-17/51-53; Harry E. Byram, pres. 9-21-17/498-499; Albert J. Earling, pres. 9-21-17/499-500; Mo. 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Clinton, shop 6-16-23/1441-1443; Bankruptcies: In receivership 3-21-25/795-798 & 3-28-25/818-820; Reorg. proceedings 7-18-25/137, 139-140; Hearings 12-5-25/1056-1058 & 2-20-26/489; & 4-17-26/1083-1084 &7-16-27/103-105; Bus operation Sturtevant to Racine 3-26-27/1033; Discontinues its own sleepers 6-11-27/1914; Receivership ends 1-21-28/192-194; Interlocking plants 3-17-28/619-620; Declining branch line pass. problems 12-15-28/1191-1192; Milwaukee grade crossing protection 3-16-29/617-619; 40 trains replaced by buses 5-25-29/1247-1248; Finances 11-16-29/1151-1152; Reclamation scrap yard 3-8-30/593-594; silk trains 11-15-30/1036-1038; New line Birmingham, Mo to Polo to Trenton 11-21-31/783-786; Trucks replace trap cars 12-26-31/985-987; Signaling Polo to Birmingham 1-16-32/132-133; Single tracking Marion to Manilla, Ia & Ortonville, ND to Aberdeen, 205 miles (first major single tracking in the U.S.) 8-20-32/263; Milwaukee grade separation 9-15-34/305-309; *Hiawatha* place in service 6-1-35/865-866; Files for reorganization 7-6-35/11-12; Scrapping 3000 cars & 400 locos 9-21-35/356-358 & 10-12-35/463-466; Icing reefers 12-28-35/854-857; New std. small sta. 2-20-37/323-324; Teletype machines for car reporting 2-20-37/333-335; Wooden grade separation viaduct 8-21-37/237-238; Success of Hiawatha 7-13-35/51-52; Mile-a-minute pass. trains 11-30-35/700-707; "Midwest Hiawatha" inaugurated 12-21-40/954, 958; Keeping high speed trains on time 2-222-41/347-348; Modernizes Minneapolis sta. 1-11-41/136-141; CTC Manilla, Ia to Council Bluffs 5-2-42/857-860; Reorganization plans 11-12-38/708-709 & reorg. 12-15-45/979; Using 16 & 17 boys on track gangs 8-14-43/273-275; Leo T. 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Quinn & future 2-17-58/15, 18; Concern over the GN-NP merger 4-9-52/16; XL Special, 55 1/2 hr frt Chicago to Seattle 11-25-63/13, 70; & 2-17-64/9-13 Discontinues train #157 & 158 to Austin, Mn 1-18-60/10; Bensenville car repair shop 2-6-61/14-15; C&NW-Mil. merger off 4-10-61/9; Oahe dam causes line relocation Glenlvan to Wakpala, SD 8-21-61/18-19, 25; New Milwaukee pass and frt sta's 7-27-64/53 & 8-3-64/34 & 8-23-65/24-25; C&NW-Mil merger talks 9-28-64/11; TOFC 10-31-66/18-19; Seeks Japanese business 6-5-67/16-17; Madison, Wis. grade crossing protection 11-13-67/30-31, 37; Grain traffic 8-26-74/24-25; Sales & service 2-24-75/26-27; Quinn Plan for U. S. 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11/176-178; Library car for Pioneer Ltd 10-1-09/600-602; Gond. #34347 2-1-18/249-251; Box car 508107 10-31-19/885-87; Open air obs. car for Rockies pix 9-2-22/425; Rebuilds dining car 8-29-25/404-405; 127 pass. cars ordered with roller bearings, car #4280 10-30-26/835-838; Auto box car #271199 4-16-27/1208-1209; *Pioneer Ltd*. cars 5-28-27/1583-1585; Cattle car pix 1-7-28/95; Diner #3138 uses electricity 4-7-28/796-799; Diesel el. car of Foos Gas Engine Co 7-7-28/17-19; Club car "Hennepin" & "Ramsey" 9-15-28/493-494; 200 ton flat car #67053 2-2-29/326; Automobile box car #594298 1-4-30/87; Dynamometer car 6-28-30/1381-1383; Box car #716728 1-3-11/87 pix; Universal coach design 5-19-34/727-730; Bay window caboose 3-27-37/569; Reefer cars see Union Refrigerator Transit Line; *Hiawatha* cars 5-11-35/726-732; New cars for the *Hiawatha* 10-17-36/548-553; flat car#65643 12-17-38/872-873; "Hiawatha" gets 3rd set of cars 9-24-38/435-442, 447; Boxcar #18513 1-6-40/84; Ribbed box car #19500 10-19-40/554-556; Box car #50074 11-29-41/910-912; 31 new cars 4-3-43/656-660; Welded box #23105 4-5-47/703-704; Rail cars #5900 & 01 9-4-48/468-469; New Hiawatha cars 6-12-48/1176 & 8-14-48/322-325; Gond. #88925 2-26-49/447; Frt. car truck design up to 100 mph test report 2-26-44/422-423; full length dome cars 3-24-52/17 & 12-8-52/68-74 & 2-23-53/52-55; Terminal cabooses #01737 10-8-56/10 pix; Covered hopper #99254 5-14-62/45; double decker suburban cars 5-2-60/26 & 7-10-61/26-28, 39; R.P.O. cars 9-10-62/37; Annual reports: 11-13-08/1331-1332; 11-18-10/953-954; 10-13-11/698-699;10-2-14/592-593; 10-1-15/589-590; 10-6-16/584-585; 9-6-18/421-422; 6-10-21/1306-1307; 5-13-22/1127-1128; 6-28-24/1829-1831; 5-4-29/1076-1078; 4-19-30/944-946; 4-25-31/845-848; 5-9-31/940-942; 4-9-32/634-636; Box car #2150 4-16-62/33; News: 2H-08/many; 1H-09/88, 186, 1144; 2H-09/many; 1H-10/many; 2H-10/103, 599, 984; 2H-11/815; 1H-12/many; 2H-12/1013 & many; 1H-13/ to 2H-14/many each year; 1H-15/389, 1033, 1181; 2H-15/622, 670; 1H-16/many; 2H-16/133, 570; 2H-17/86, 127, 627; 1H-18/1356, 1587; 2H-18/796; 2H-19/662; 1H-20/1546; 2H-20/many; 1H-21/864; 2H-21/1286; 1H-22/1090; 2H-22/629, 916, 1256; 1H-23/254, 1075, 1667; 2H-23/many; 1H-24/908; 1H-24/39, 264; 2H-24/1187; 1H-25/many; 2H-25 - 1H-28/many each year; 2H-28/1041; 1H-29/931, 1619; 2H-29/many; 1H-30/many; 2H-30/many;

Chicago Milwaukee St. Paul & Pacific RR: See CM&StP.

Chicago Missouri & Western RR: Bankrupt 8-88/29;

Chicago North Shore & Milwaukee (El): Bus operations 8-16-24/275-277; Catholic Church convention 300,000 passenger movement Chicago to Mundelein in one day 7-3-26/5-9; Piggy back operation 11-13-26/939 & 10-22-27/807-809; Bus operation 3-26-27/1031-1033; El. & storage battery loco #456 3-24-28/668; Auto. crossing gates 8-17-29/425; Ferry truck service Chicago to Milwaukee of trailers and trucks 5-28-32/916-918; Rail truck service 7-11-31/45, 59; Answers to pass. needs 7-2-32/22-23; Trucks on flat car service resumed after problems with Wis. Comm. 10-24-36/601-602; Hauling Keeshin Trucking Co. trucks 10-24-36/603-604; "Electroliner service 2-15-41/329-330; Winnethka, Il grade separation 2-5-44/3-7-310; Rebuilt "Silverliner" cars 5-27-50/1054-1055; Advertising 6-10-50/1142; 1927 piggy back pix 11-4-50/51-52; Proposed reorganization 7-20-53/23, 26; Allowed to abandon 5-28-62/76; Ceases operations 1-28-63/12; News: 1H-23/1075, 1297, 1393; 2H-23/792?; 1H-24307, 1175, 1392; 2H-25/498, 924; 1H-26/878; 2H-26/794;

Chicago Ottawa & Peoria: 2H-08/1075, 1176; 2H-21/1016, 1069; 1H-12/453; 1H-22/762;

Chicago Peoria & Quincy Tr: 2H-13/726; 1H-14/1215, 1356; 2H-14/1029;

Chicago Peoria & St. Louis: Abandonment 5-3-24/1077-1079; News: 2H-21/1121;

Chicago River & Indiana: Acquired by N.Y.C. 5-27-22/1244-1246

Chicago Rock Island & Gulf: Concrete Ry/Hiway grade separation 8-22-36/271-273; Merged into CRI&P 12-9-39/888, 904; News: 2H-08/1373,1500; 1H-09/1051, 1545; 2H-09/339, 562, 1036; 1H-10/1183; 1H-23/402, 540; 1H-29/931; 2H-29/893; 1H-30/177;

Chicago Rock Island & Pacific RR (See also Rock Island Co.) Galveston terminal 9-25-08/995-998; Ransom R. Cable, pres. obit 11-26-09/1013; Benj. L. Winchell, pres. 12-10-09/1137-1138; St. Paul & Kansas City short line 10-25-12/791-794; Iowa River bridge at Columbus Jct. 1-19-12/101-103; Cedar River, Moscow, Ia bridge replacement 4-18-13/896-897; Des Moines 7th St. viaduct 10-4-12/625-630; Joliet interlocking 8-28-14/381-383; Henry V. Mudge, pres. 11-12-15/900 & obit 2-6-20/419; Problems 5-18-16; Operations 5-19-16/1065-1071; James E. Gorman, pres. 6-29-17/1487-1488; "Rainbow" concrete highway overpass bridge at Little Rock 12-6-18/1003-1004; Automatic train control 4-30-20/1293-1294 & placed in use 12-22-23/1145-1148 Water treatment plants at Geneseo, Il and Armourdale, Ks 1-21-21/247-248; 70th Anniversary celebration 10-21-22/737-738; Rock Island, Il bridge 9-1-23/389-392; Competition for oil traffic at Smackover field 3-20-26/859-864; 2nd track on Herington to Kansas City line 7-17-26/87-92; Classification yards 2-19-27/515-522; Seminole oil field business traffic 5-7-27/1405-1408; White River lift bridge at De Valls Bluff, Ark 6-11-27/1782-1785; Hot Springs Jct., Ark 5-18-29/1159-1160; New Amarillo - Liberal line 4-20-29/897-900; Replaces trap cars in Chicago with trucks 1-26-29/285-287; Construction in northwest Tex 9-7-29/597-599; Children's clubs of employees 7-26-30/159-160; New line Birmingham, Mo to Polo to Trenton 11-21-31/783-786; Signaling Polo to Birmingham, 74 miles 1-16-32/132-133; CTC Trenton, Mo to Polo, 46 miles 10-22-32/562-563, 574-575; TOFC piggy back Chicago to East Moline, Ill for Keeshin Motor Express Co. 6-23-34/931; Fix span bridge replaced by vertical lift near Seneca Falls, Il over Illinois Waterway 8-11-341/168-171; Truck ferry service (piggy back) Chicago to East Moline & Peoria 1-19-35/86; Prairie dust storm obliterate vision 5-4-35/693-696; Keeshin Trucking use of RR hauling 10-24-36/603-604; Wants to drop Auto. Train Control 4-3-37/610-611; New Okla. City sta. 9-5-31/359-362; Personally conducted rail tours 12-29-28/1309-1312; Truck operations 12-31-38/956-957; Arkalon cut off east of Liberal, Ks 1-27-40/202-207; Denver produce term. 3-30-40/584-587, 593; strengthen bridges 12-28-40/977-979, 982; Converts Minneapolis old frt. house to produce term 3-22-41/516-519, 525; Line relocations because of dams 12-27-41/1073-1077; 38 street crossings at Rock Island, Il. protection 3-28-42/655-657; James E. Gorman, pres. obit 4-4-42/693-694; Modernizes Des Moines sta 11-14-42/780-783; 15 mile line relocation in Mercer County, Mo 10-23-43/633-636. 639; radio in yard service 6-24-44/1210-1212; Cab signals and CTC of 165 miles double track Blue Island to Rock Island 6-17-44/1173-1177; Kansas City eng. term. 9-2-44/365-367, 375; Harry S. Truman bridge over Mo. River at Kan. City 5-26-45/950-951; Ultra high radio frequency 10-6-45/559; Research lab 2-16-46/359-365; Automatic O.S. train reporting on branches Microfilming waybills 4-27-46/867-869; Signaling Omaha to Limon, Colo 490 miles 6-28-47/1302-1304; Coach shop 8-9-47/241-244; CTC Herington, Ks to El Reno, 231 miles 8-28-48/432-434; Diesel on suburban train #400, 2-5-49/314-317; Armourdale, Ks. yard modernized 7-16-49/120-124; Signals Chicago to Dallas, TYx 1137 miles 10-29-49/764-767; Silvis, Il new frt. yd 1-28-50/228-232; microwave replaces pole line Newton, Ia to Goodland, 106 miles 10-7-50/71-72; automatic block signals Vinton, Ia. to Manley, 103 miles 4-23-51/21-22; Use of radio on frts 5-28-51/34-36; Davenport, Ia. floods 7-16-51/32-33, 36-37; New C/O at Denver to D&RGW 9-3-51/47-49; Kansas City frt. sta. 5-5-52/67-71; 34 mile new line Atlantis, Ia. to Council Bluffs 8-25-52/48-49 & 10-5-53/59-61; 100th anniversary 10-13-52/97-160; Silvis loco shop 11-24-52/50-51; Bus for mail and pass. replaces Topeka to St. Joseph train 3-2-53/9; Annual "T-Bone Special" cattle train for Audubon, Ia. 12-12-55/46; Pre-fab sta's carried piggy back 5-14-56/50-51; Opens St. Louis Kansas City term. for auto racks 7-29-63/50, 52; Industrial development program 8-31-64/33-41; Hopes to double TOFC in 5 years 10-25-65/36-39; Intermodal service 10-26-70/38-39; Comments by new president John Ingram 12-30-74/ 10; getting new cars 11-10-75/14; Twin City to Kansas City line to be sold to C&NW 4-84/62-63;

Merger & Finances, Reorganizations: Consolidation plan with S.P. and S.F. 1-27-23/xxx?; Dissolution of combination with SLSF 12-10-09/1131-1133; Reorganization plan 7-3-14//2-3; fiancees? 4-23-15/874-875; Reorganization 11-17-16/877-878; Receivership ended 6-15-17/1223; Finances 7-7-28/25-26; To reorganize 6-17-33/871; Merges C.R.I. & Gulf RR 12-9-39/888, 904; ICC reorganization plan 11-16-40/769-770; 3-30-46/666-667; Reorganization 1-12-46/156-157; Reorg. problems 6-14-47/1215-1216, 1223; Emerges from bankruptcy 1-10-48/128-129; UP-RI agree on merger & sale of certain lines to S.P. 5-20-63/52-53 & 8-5-63/30 & 2-24-64/9; C&NW-RI merger talks 7-1-63/9; V&NW sells R.I. stock 6-29-64/11; UP-RI talks hit snags 8-9-65/11-12; Finances 2-24-75/14 & 3-10-75/10; Bonds 7-26-76/24-25; Recovery improvement 4-11-77/16-18; Sterzing new pres. 9-26-77/??; To be liquidated 2-11-80/9; Lines shrink 3-10-80/14; Dismemberment 6-9-80/16-17; Latest status 10-29-79/8-9; Dismemberment 2 years after out of business- 1400 miles abandon, 3600 in use & about 2000 unused 9-27-82/42-44; I.C.C. approves dismemberment to U.P., S.P. and other roads 11-25-74/10-11; bad condition 3-31-75/10,12 & 4-14-75/15; (Many news and redundant articles on the R.I. not indexed in the 1980)s. UP merger ideas 11-16-64/12;

Passenger Service: Reequips "Golden State Ltd," "Rocky Mtn Ltd," & "Iowa-Nebraska Ltd." 11-2-29/1061; "Colo. Express" flood bridge collapse at Stratton, Colo kills 10 7-27-29/271; "Golden State Ltd" air conditioned 5-145-32/825-826; First 2 of 6 Rockettes put in service, Kansas City to Twin cities, all daylight trains 8-28-37/256-263; "Apache" train held up by gunmen 12-4-37/808; "Arizona Ltd" 12-21-40/958; "Talgo" train 6-28-54/60-61; "Jet Rocket" train 2-6-56/7-8 & its riding comfort 5-21-56/102;

Chicago Area: Track elev. 95th St. Chicago 3-24-11/758-762; Joliet sta. 4-5-12/789-795; Chicago track elevation 3-13-14/535-537 & 3-26-15/690-694; Reverse signals Englewood to LaSalle St. Sta. 6-4-27/1681-1684 & 2-11-28/361-363; Silvis store yard and scrap yard 12-15-28/1170-1174; LaSalle St. Sta removes train shed, last shed built in U.S. (1903) 5-5-34/646-650 & 11-17-34/603-606; Chicago 22nd St. grade separation 3-12-38/442-445; Blue Island, Il interlocking plant 2-8-30/373-375; Dieselizes suburban service with 17 locos 12-10-51/64; New tower at Gresham Jct near Chicago 8-31-53/11;

Locomotives: #1040 4-4-2 1-6-11/41-45; Locos. #961, 999, 259 & 2572 1-9-14/86-88; #909 loco. 4-16-15/829-831; #3002 2-10-2 12-6-18/992-994; #1644 2-8-0 pix 2-11-21/361; #4002 4-8-2 2-25-21/447-450; 4-8-2 on pass. tr. 12-17-21/1187-1188; Triple crewing 0-8-0 #304 yard loco. 12-31-27/1317-1320; #361 360 hp diesel 12-9-39/879-881; Alco 2000 hp pass. diesels 2-8-41/276-279; 320 ton 6 wheel diesel mechanical #350 5-31-41/985-986; #747 first road switchers built by Alco, 1000hp 1-31-42/281-283; New & rebuilt #4000, 5000, 51000 locos 5-12-45/830-832; Diesels in road and yard service 3-218-44/5325-536; #798 1000 hp center cab transfer 7-16-51/41-43;

Cars: Steam motor car #2552 6-19-08/238 & 9-18-08/961-964; 66' baggage car 6-17-10/1598-1599; Hospital car 10-24-13/748-749; #2536 2-8-2 8-23-12/352; Emergency grain and stock car #73417 & auto. box car #261770 7-31-14/199-201; Box car pix #45498 1-21-16/front cover; Convertible stock car #73576 11-28-19/1065-1066; Suburban cars 8-25-23/329-331; Reefer #67999 3-8-24/547-549; Car #9050 9-19-25/531-532; Converts McKean car to gas el. drive 9-190-25/507-511; Gas el. car #9000 & 9045 4-30-27/1333-1335; Gas el. car #9001 in local service 12-24-27/1255-1257; Diners 7-14-28/66-68; Lounge cars for Rocky Mtn. Ltd. 4-20-29/907-908; #5024 4-8-4 12-7-29/1325-13264; Tests 800 hp gas el. car for frt & pass. service 7-27-29/251-254; #9012 motor car 1-4-30/101; 50 aluminum painted cabooses #17850 7-12-30/59-60; Diner #8029 air conditioned 3-25-33/437-439; Hopper car #100596 pix 1-7-28/93; Aluminum box car 3-

10-45/444-447; pass. cars 11-22-47/894-896; Junk old equipment farmers buy box cars 12-17-38/881-885; Aluminum box car #20060 3-27-48/610-613; Streamlined suburban cars 10-29-49/777 & 12-10-49/1042-1043; Diesel test car? 3-10-52/75-77; Box car #22621 pix 1-28-52/20; #660 covered hopper pix 10-6-52/119; Depressed flat car #92000 6-28-54//7 pix; Container cars 6-9-58/27; "Adapto" 4 wheel flat cars "Convert-A-Frate" 11-26-56/30-32 & 12-24-56/34-35 & 2-11-57/34-36; Covered hopper #13994 for food 2-13-67/26-27;
Reports & Annual reports: 11-6-08/1323-1325; 11-6-08/1280-1282; 10-29-09/792-793; 10-28-10/776-778; 11-3-11/874-875; 11-1-12/824-825; 10-17-13/691-692; 11-27-14/996-998; 1-14-16/46-48;11-10-16/833-835; 7-20-17/94-96; 9-13-18/470-472; 4-15-21/919-928-5-22/257-258; 2-12-27/469-471;
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Chicago Rockport & Owensboro (El): 2H-24/966;

Chicago Saint Paul Minneapolis & Omaha: James T. Clark, pres. 6-2-16/1175; Chippewa Falls, Wis. sta. 7-28-16/152; Relocating 9 miles of Hannibal Br. because of a dam 11-16-17/879-880; Marshfield, Wis. sta. 11-16-17/883-884; Box car #36508 11-26-21/1038 pix; Trucking in S.D. with their subsidiary, Wilson Transportation Co 2-22-30/504-506; Tunnel completed 7-26-30/201-202; Performance 10-4-30/694-696; Wilson Transportation Co 4-18-31/767-768; Eau Claire sta 6-20-42/1186-1187;
Annual reports: 10-22-09/741; 10-7-10/618-619; 10-13-11/684; 9-27-12/568-569; 10-2-14/594; 10-8-15/637; 10-13-16/627-628; 4-13-17/769-770; 6-21-18/1457; 6-3-21/1256; 5-27-22/1244; 5-1-26/1238-1239; 4-28-28/998-999; 4-20-29/939-940; 4-26-30/996-997; 4-25-31/851-852;
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Chicago Short Line: 2H-17/86, 721;

Chicago South Shore & South Bend: Begins bus service South Bend to Detroit 8-27-27/421; Spring switches 9-8-28/455-456; Gauntler track and signals near Gary and operations 4-6-29/783-784; Radio 6-18-49/1202-1204; 1H-30/1211; Raises swing bridge 6' and converts to stationary in 30 hrs over Calumet River 2-16-53/44-46; Relocates off Chicago Ave in East Chicago 11-9-53/12-13; Service 2-8-54/65-69; Opens new line Hammond-Gary to save 10 minutes with pass. trains 9-24-56/10; Becomes profitable 10-1-62/21-22; Merger talks with Monon 1-27-64/4; Monon & C&O wants to buy 5-24-65/32; Operations 3-10-80/42-46; New cars first in 60 years 5-10-82/26-27; Rehabilitation 3-84/69-70; Sells it line to Northern Indiana County Trans. District 3-91/33;

Chicago Springfield & Cairo: 2H-12/37; 1H-14/102; 1H-17/1121;

Chicago Springfield & St. Louis: 1H-27/544, 1921; 1H-28/890;

Chicago Terminal Transfer Co: Elevating on 15th Place 10-2-08/1052-1054; Bascule bridge over Chicago canal at 31st St. 3-15-10/565-567;

Chicago Terre Haute & Southeastern: 1H-13/190; 1H-16/1017;

Chicago Tunnel Co: Institutes store-door pick-up by tractor trailer 6-25-27/2049-2050; Operations described 1-26-29/249-251;

Chicago Union Sta.: Plans 5-20-22/1179-1181 & 8-23-12/354-355 & 8-30-12/390; Plans 5-23-13/1147-1149; proposed track L/O 8-22-13/320; Plans 11-3-16/802-805; Ry mail terminal 3-4-22/513-515; Plans 2-4-22/323-326; Progress 9-30-22/599-602; Signals 5-26-23/1263-1264; Mail handle automatically 6-9-23/1385-1386; Completed 7--4-25/7-28; Chicago post office constructed over it 1-21-33/71-74; Post office over sta. 9-10-38/370-374; New office bldg over sta. 5-26-69/11; Air rights building over train shed 10-26-53/9-10; Flooded 10-18-54/7-8; News: 1H-17/1028; 1H-18/386; 1H-19/475; 2H-19/285, 657, 996; 2H-20/many; 1H-21/many; 2H-21/many; 1H-22/many; 2H-22/many; 1H-23/many; 2H-23/95; 2H-24/264, 349, 1145;

Chicago Union Transfer Co: Clearing hump yd 3-21-13/679-681;

Chicago Waukegan & Woodstock Tr.: 1H-11/1186;

Chicago Weatherford & Brazos Valley: 1H-09/1099; 1H-10/546; 1H-11/1186; 2H-11/303;

Chicago Weatherford & Gulf: 2H-15/1217;

Chicago West Pullman & Southern: #23 0-6-0 11-5-20/797-799;

Chickasha Terminal: 2H-09/1107, 1167; 2H-10/941;

Childress Mangum & Oklahoma City: 1H-14/492;

Choctaw Newcastle & Western: 1H-10/1281; 1H-18/1587;

Choctaw Oklahoma & Gulf: White River bridge at Devalls Bluff 4-4-25/875-878; News: 1H-26/1281;

Christie & Eastern: 1H-17/295, 337;

Cincinnati & Lake Erie RR: Containers and car #34114, Cinc. to Toledo 1-24-31/249-250;

Cincinnati Bluffton & Chicago: 2H-15/301;

Cincinnati Hamilton & Dayton RR: Acquired by B&O 6-4-09/1152-1153 & 5-7-09/970;; #22500 Bolton gond. car 6-21-11/1614-1615; Default on bonds 7-3-14/2; Toledo coal dock 8-13-15/273-274; Bankruptcy report 4-27-17/891-895; Annual reports: 11-3-11/872-873; News: 2H-09/1259; 1H-10/379, 969; 2H-10/372, 809; 2H-15/828, 1112, 1177;

Cincinnati Indiana & Louisville: 1H-14/855; 2H-14/452;

Cincinnati Indianapolis & Western: Hopper #850 pix 6-23-23/1582; To be sold to B&ORR 1-23-26/284;

Cincinnati Kentucky & Virginia: 2H-08/208, 600, 787;

Cincinnati Lawrenceburg & Aurora Ry: Container car service 2-26-22/475-476;

Cincinnati Licking Valley (River) & Virginia: 1H-12/1220; 1H-13/131;

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Cincinnati Portsmouth Pomeroy & Pittsburgh (El): 1H-10/1114;

Cincinnati RR Terminal Development Co: 2H-23/180?;

Cincinnati Southern: Ohio River bridge 5-27-22/1215-1220;

Cincinnati Union Depot & Term.: 2H-10/1167;

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Des Moines Union RR: 7th St. viaduct 10-4-12/625-630;

Des Moines Valley: 2H-09/79, 827;

Deseret Western Ry: Opened 3-84/63-64;

Detroit & Ironton: News: 2H-20/676; 1H-21/1246; 2H-23/1183?; 2H-24/264; 1H-26/564, 611; 1H-27/1012; 2H-27/701, 791?;

Detroit & Mackinac: New pass. service Alpena to Detroit 2-11-50/315; Piggy back train 2-15-54/22 pix; News: 1H-10/113; 2H-10/1204; 2H-11/1188; 1H-12/76; 1H-23/208; 2H-23/97?;

Detroit & Toledo Shore Line: 1H-29/1354; D 2H-21/1295;

Detroit Almont & Northern: 2H-14/1207; 1H-1565;

Detroit Bay City & Western: News: 2H-10/1264; 1H-11/258, 925; 2H-12/973; 1H-13/411; 2H-13/541, 1004; 2H-14/452; 2H-15/922; 1H-16/1204;

Detroit Belt Line RR: Grade separation project 10-8-32/494-497;

Detroit Connecting: 2H-23/95; 2H-25/829; 1H-26/985;

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Detroit Grand Haven & Milwaukee: 1H-27/1357; 1H-28/many;

Detroit Lansing & Grand Rapids (El): 2H-09/168, 258, 520; 1H-10/1070, 1114, 1235; 2H-13/805;

Detroit Pontiac & Owosso (El): 2H-14/268; H-15/828;

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Detroit Toledo & Ironton: Report 11-5-15/847; State of affairs & acquired by Henry Ford 7-23-20/143-145; 6 months operation under Ford 9-3-21/437 & 9-10-21/473-474, 481-486; Follow-up 11-12-21/921-922; Performance 5-6-22/1047; To electrify 7-21-23/125; Profitability 3-290-24/845-846; El. locos 10-18-24/685-686 & 8-29-25/389-392; Inoqueness 2-28-25/501-506; Comments 3-28-25/817; finances 11-19-21/969-971 & 11-26-21/1047-1048; Electrification 12-19-25/1156-1158; Henry Ford's plans disapproved by I.C.C. 8-14-26/283-285; #6455 1-2-26/27 pix; Frt. train & el. loco #501 pix 6-11-27/1903; 2-8-4 2-1-36/213-214; Flat Rock eng. term. 11-20-37/723-726; Radio 5-4-46/916-917; Diesel shop 6-4-49/1122-1125; David E. Smucker, pres & Stanley Puddeman retires 1-5-53/52; radio 4-2-56/48-52; Washington Court House, Oh. frt. house 4-30-56/34-36; Box car #25000 8-19-63/14-16; Covered hopper #10132 pix 4-15-63/3; Box car #25108 pix 9-20-65/17; Use of Auto. Car Identification 9-16-68/28-28B; GTW wants to buy 4-14-80/12 & 6-30-80/38-39, 42;

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Dickinson & Northwestern: 1H-17/918, 976;

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Dodge City & Cimarron Valley: News: 2H-11/1148,1188; 1H-12/1027; 2H-12/491, 599; 1H-13/529; 1H-22/401, 592, 1050?; 1H-26/1017, 1503, 1941;

Doland & Southeastern: 2H-09/1037;

Dolores Paradox & Grand Junction: 2H-805;

Dominion Atlantic: Dust screen sat real of obs. car 10-26-29/963; Truck use 3-22-41/530-531; News: 1H-10/1235; 1H-12/453, 1027, 1626; 2H-12/709, 116; 2H-13/727, 1004, 1147; 2H-14/369;

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Door County Peninsula: 1H-14/1215;

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Duluth & Iron Range: Summers ore car #101 1-29-09/205-206; Two Harbor ore dock 1-5-12/8-10; Transportation lines of U. S. Steel Co 9-19-13/486-492; Two Harbors iron ore dock 2-23-17/303-306; News: 2H-08/1550; 2H-10/482; 1H-11/525; 1H-13/1631; 2H-13/436; 2H-20/1088; 1H-21/218; 1H-23/886;

Duluth & Northern Minnesota: 2H-08/1559; 2H-09/1107; 2H-10/1129; 1H-12/36; 1H-13/1342; 2H-15/1075;

Duluth Huron & Southern: 1H-16/1113;

Duluth Minnesota & Eastern RR: Powder River, Wyo. extension plans 1-98/26; Tentative approval 1-99/22;

Duluth Missabe & Iron Range RR: 50 million tons ore in 6 months handling 10-9-26/673-674; 2-8-8-4 6-5-43/1135-1139; CTC 11 miles of track & 5 jcts iron mining area 10-7-44/543-545, 548; Radio 8-9-47/236-239, 246; Winter all rail ore movement to Chicago & Pittsburgh using all major carriers 2-5-51/40-41; & 9-15-52/11 Ore car #31016 2-11-52/77 pix; Caboose C200 7-14-52/17; Fred J. Voss, pres & Paul H./ Van Hoven retires 6-21-54/36; CTC 83 miles in mining district 12-3-62/26-27; Ore car thawing 4-10-61/20-22; Purchases ACI car identification equipment 10-26-64/31; Taconite comeback 10-10-77/24-25; Remove Bridge Yd in Duluth to across the river 4-85/45-46;

Duluth Missabe & Northern RR: #206 2-8-8-2 8-18-11/312-314; Transportation lines of U. S. Steel Co 9-19-13/486-492; Hibbing yds 7-26-12/166; Hibbing sta. 2-14-13/291-292; Proctor coal dock 9-29-16/542-544; Ore car #20,000 7-14-16/68; #208 2-8-8-0 & #500 2-10-2 12-22-16/1125-1127; Proctor roundhouse 2-21-19/428-430; Duluth ore dock 8-22-19/345-348; Ore car #22085 2-18-28/416; News: 2H-08/208; 2H-10/1022; 1H-11/143; 2H-17/170; 1H-24/1008; 2H-24/1048; 1H-27/1478;

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Duluth South Shore & Atlantic: Snow flanger 3-15-12/497-498; Shilo, Wis. bridge 2-20-14/372; St. Ignace car ferry pix 4-1-21/842; Geo. R. Huntington, pres. obit 11-10-23/882; Marquette ore dock 3-4-33/326-328; Dieselizing #208 pix 6-11-51/80; Marquette diesel shop `1-19-53/40-42; New emblem 3-23-53/13; Box car #18094 for LCL 1-18-54/11 pix; 14 mile branch to reach copper mine at White Pine, Mb 12-20-54/26-29; Merger with Soo 3-21-60/9-10; News: 2H-09/384, 804; 2H-26/218; 1H-29931;

Duluth Winnipeg & Pacific: Remove Bridge Yd in Duluth to across the river 4-85/45-46; News: 1H-09/774, 1000; 2H-07/1107; 1H-10/328, 429, 1390; 2H-10/174, 440, 1204; 1H-12/1027;

Durham & Charlotte: 2H-08/1664, 741;2H-09/1213; 1H-10/850; 2H-10/1167;

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Eagle Mountain RR 52 miles built in Cal. 12-11-48/1110-1112;

Eagle Pass & Arkansas Pass: 2H-16/47?;

Eagle Pass & Gulf: 1H-17/124;

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East & West Coast: 2H-13/727, 1249, 1H-14/1565; 1H-15/955;

East Boston Marginal RR: 2H-11/356;

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Eastern Maine: News: 1H-11/478, 711; 2H-11/304, 1079, 1188; 2H-14/670, 1165; 1H-16/105x?; 2H-22/1256;

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Eastern Utah: 1H-11/433, 925;

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Eastland Wichita Falls & Gulf: 1H-19/1449;2H-19/996;

Easton & Washington Tr: 1H-10/1060; 1H-15/1497;

Easton & Western: 1H-14/811; 2H-14/493;

Eddy Lake & Northern: 2H-15/301?;

Edinburg Falfurrias & Gulf: 2H-20/41;

Edmonton & Silver Lake : 1H-09/many;

Edmonton Dunvegan & British Columbia: News: 2H-11/390; 1H-12/408, 1078, 1180; 2H-12/654, 973; 1H-13/691; 1H-14/1118, 1257; 2H-14/493, 1067;1H-15/913, 1181; 2H-15/many; 1H-16/527, 1059; 2H-16/213?; 1H-28/260, 1231;

Edmonton Dunvegan & Pacific: 1H-14/1118;

Edmonton Interurban: 2H-12/814, 1013;

Edmonton Stony Plain & Wabamun: 1H-13/529, 863;

Edmonton Yukon & Pacific: 2H-08/693; 1H-10'/1281;

El Dorado & Santa Fe: 1H-22/895;

El Dorado & Wesson: 2H-10/1096; 1H-26/504;

El Oro Mining & Ry: 2H-26/1061;

El Paso & Kansas City Short Line: 2H-08/505;1H-09/186;

El Paso & Southwestern: Tucson extension 11-29-12/1031-1035; Tecoloto quarry and ballast plant 6-20-13/1573-1574; Report 11-3-16/786-787 & 7-30-21/190-191 & 3-24-23/823-824; 141 mile wood stave pipe line 8-6-21/245-246; Acquired by S. P. 10-4-24/611-612; News: 2H-08/47, 505; 2H-09/168, 477; 1H-10/970, 1015; 2H-10/54, 985, 1022; 1H-11/969,n 1084, 1714; 2H-11/many; 1H-12/1180, 1262; 2H-12/559, 973, 1063; 1H-13/many; 1H-17/1076; 1H-23/834, 1022;

El Reno (&) Interurban: 2H-08/600; 2H-09/124, 948;

El Reno & Western: 2H-08/1559;

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Electric Short Line: 1H-15/171; 2H-15/487, 547?, 1031?; 1H-16/517?; 2H-16/1071; 2H-17/1106;

Elgin Joliet & Eastern RR: Griffith Jct. with Mich. Cent. & others 6-10-10/1418-1419; Roundhouse 9-29-11/597-598; Transportation lines of U. s. Steel Co 9-19-13/486-492; Hopper car #70296 6-28-18/1563-1565; Joliet car shop 5-30-25/1315-1318; E. Joliet & Gary yards 2-18-28/393-395; Dump car #237 1-4-30/91; Replaces fixed bridge with vertical lift bridge over Ill. Waterway 8-11-34/168-171; Thomas E. Bond, pres & Scott M. Rogers 4-26-41/721 Hopper cars 3-15-41/487; Moves 28' diameter stator weighing 133 tons 7-17-43/97; Thomas D. Beven, pres & Thomas Bond retiring pres 12-7-46/964-965; 2000 hp transfer diesel 11-1-47/740-741, 744; Welded rail 9-18-48/546-547; East Joliet yard loudspeakers 10-1-49/596-597; Wrecker dieselized 4-16-51/38-39; Welded rail long pix 9-18-48/62 & 10-1-51/138; Kirk Yd, Gary, dormitory 1-28-52/32-35; Kirk Yd improvements 11-3-52/78-84 & 10-19-53/78-82; Yd cleaning 6-3-57/34-35; #924 transfer diesel 2-1-60/24; Radio use 8-13-62/34; Unusual M/W problems 12-11-79/22-24; News: 1H-10/1061?, 1111; 1H-11/1322?; 1H-18/1587; 2H-18/193, 414; 2H-20/726; 1H-22/502, 993, 1507; 2H-22/448; 1H-23/789, 973, 1182; 2H-23/many; 1H-24/1064; 2H-24/264; 2H-26/351; 1H-27/680, 1090; 1H-30/577, 666, 1450;

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Elizabeth Southern: 2H-29/176, 403, 485; 1H-30/219; 2H-30/178;

Elizabethtown Terminal: 2H-09/725, 894; 1H-10/1183, 1321;

Elk & Little Kanawha: 1H-09/1187; 2H-11/1300; 2H-12/1013;

Elk Fork: 1H-17/1028;

Elkhart & Santa Fe: 1H-25/441;

Elkin & Allegheny: News: `2H-11/544; !h-12/176, 780, 1221; 2H-12/654, 1013; 2H-13/479; 2H-15/1217;

Emerson Churchill Colonization Ry: 1H-29/867;

Enid & Central Oklahoma Tr.: 2H-09/296, 477, 661;

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Enid Ochitree & Western RR: News: 2H-08/980, 1664; 2H-09/725, 777, 1213; 1H-10/546?; 2H-10/887, 1204; 1H-12/408;

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Ephrain & Lebanon (El): 2H-09/1250; 1H-11/813;

Erie & Ontario: 2H-14/408;

Erie & Southwestern (El): 1H-15/871;

Erie & Toronto: 2H-14/268;

Erie RR:: Guymard Howell, N.Y. new line (Graham C/O 11-6-08/1292-1295; Griffith, Ind. Jct. 6-10-10/1418-1419; Ohio & Indiana floods 4-4-13/806; Double tracking Meadville to Corry, Pa. 1-16-14/125-129; 250 car coal train hauled by triplex 7-3-14/208; Discontinues Great Lakes boat ownership 5-21-15/1046-1047; Low grade line operation 4-28-16/939-944; Employee track meets 2-16-17/257-261; Webster Ave., Chicago frt. yard on Chicago River and barge car float 11-2-17/809-810; Block signals on main line 7-5-18/5-10; 35 miles double tracked in Indiana 8-9-18/248-252; East Buffalo eng. term. coaling sta. 10-4-18/615-616; Track relocation near Miami, Oh for flooding 11-21-19/1001-1005; Reorganizes personnel 2-20-20/540-541; Rochester Br. operating experience with electrification 6-30-23/1693-1696; Hornel shop enlarged 1-12-24/181-185; Frederick D. Underwood retires as pres. 12-25-26/1255; J. J. Berndt pres. Erie & NKP 12-25-26/1256-1258; Proposed acquisition by C&O Van Sweringen 5-21-27/1496-1500; Finances 10-22-27/768-770; Van Sweringen proposed system includes the Erie 2-23-29/448-451; Charles L. Bradley, chairman 5-4-29/1057-1058; Livestock sta. at E. Buffalo 5-11-29/1090-1094; Chas. E. Denny, pres. 6-1-29/1296-1298; Erie inaugurates "Erie Ltd", 25 hour train and former "Southern Tier Express" to Buffalo discontinued 6-8-29/1331-1333; Meadville coaling sta. 4-12-30/865-866; Marion hump yard retarders 4-11-31/706-707; Buffalo produce term. 5-14-32/814-817; Erosion problem Hornell to Corning 9-3-32/323-327; Endicott grade separation 11-24-34/633-637; Elmira grade crossing elimination 6-29-35/1006-1016; Relocating tracks in Muskigum watershed, Ohio 12-28/35/851-853 & 9-5-36/345-350; Rail fan "Mystery Trip" covers NYS&W, L&HR and Erie Graham line 5-29-37/927; C&O authorized to control Erie 12-18-37/886; Reorganization 1-22-38/197; Skiers snow trains 2-2-35/209; ICC reorganization plan approved 4-20-40/712-714l Robt. E. Woodruff, pres 10-28-39/659-660 & 11-1-41/712-713; Mansfield, Oh. sta 11-29-41/903-907, 916; CTC Leavittsburg, Oh to Pymatuming, Pa. 7-18-42/93-95; North Randall (Cleveland) iron ore storage dock 1-15-44/197 pix; Rebuilds Genesee River viaduct at Portage, NY 8-4-45/199-202; Refinances debt 4-28-45/745-747, 756; Marion diesel shop 6-8-46/2 1130-1134; Akron sta. 10-18-47/644-648 & 7-26-47/163-164; Diesel Marion to Meadville 8-16-47/286-288; Marine term. floating dry dock and tug Cleveland 8-14-48/342 & 9-11-48/517 & 10-16-48/728-729; Radios on frts 9-11-48/492-495; Former New York & Erie RR Sandstone culvert over Hackensack River on Piermont Br. 5-10-47/946 pix; Record Buffalo snow 2-10-45/303; Centennial 5-14-51/61-89; Reenact inaugural run 6-18-51/60-61; Completes radio instillation entire main line 9-24-51/59-60; Single tracks Buffalo branch, 66 miles 10-1-51/97-99; Special train to move 200 ton 12'7" G.E. stator pix 9-1-52/21; Relocates track to outside of Corning, NY 12-29-52/12; Frt. traffic 8-10-53/81-83; Changing pass car color theme 10-19-53/14; #24 equilateral turnout switches allow 79 mph 8-16-54/21-23; Chicago frt. house 9-20-54/56-57; M/W 35 man gang replaces ties and resurfaces 8-22-55/43-46; Hurricane flood damage 8-29-55/7-9 & 9-19-55/38-45; Single tracking main line 7-2-56/29; Erie-D&H-DL&W merger study 9-17-56/10-11 & discontinued 4-20-59/42; New ballast cleaning & track reconditioning 11-26-56/37; Corning to near Binghamton combining with DL&W 76 miles 3-10-58/18-19 & in effect 8-31-59/47; Sterlington, NY pass. train head-on collision 8-18-58/37 & wreck report 2-9-59/32-33; Meadville car shop 2-16-59/35, 38; Big load 17'8" dia. & 20'8" height 6-29-59/41; DL&W-Erie merger plans 7-6-59/10 & 4-4-60/9-10 & merger law suit 10-10-60/9, 45; Fast frt Chicago to Boston 36 hours 11-23-59/34;

New Jersey Lines & N. Y. City: Jersey City roundhouse 11-11-22/877-881; new Weehauken pier 3-31-23/852-856; Fruit delivery yard at Jersey City 12-19-25/1160; Use of trucks in N.Y.City 4-24-26/1163-1165; New double deck pier over the Holland Tunnel 1-21-28/180-184; Weehauken yard pix 8-16-30/337; New piers at Jersey City & Weehawken 2-14-31/358-361; Elevating thru Paterson 8-13-32/217-220; Trucking carload freight from N.J. to Manhattan inland sta. 11-24-34/651-652; Replaces semaphore signals with color light Ridgewood to Suffern 5-18-35/772-773; Concrete retaining wall at Jersey City 8-24-40/281-285; Hawthorne sta 1-28-50/242; Paterson sta 9-9-50/89; Moving pass. n trains from Jersey City to Hoboken 4-16-56/36-39; Greenwood Lake Br. 6-1-53/68-69;
Equipment: Caboose #4259 used by Admiral Perry 10-15-09/717; #7202 well type flat car 6-14-12/1388-1389; Track insp/ car #03098? 6-21-12/1561-1564; #3001 2-8-2 2-9-12/241-244; Proposed triplex loco. 4-12-12/851-852; #2900 4-6-2 6-14-13/1392-1393; Triplex locos 5-18-14/1027-1030 + insert; & 7-14-16/74-75; #4002 2-10-2 3-26-15/706-708; Suburban coach #2000 6-11-15/1243-1245; Gasoline loco for Erie St. frt. yard in Chicago 8-11-16/232; Hopper car #32800 8-18-16/285-287; #4102 2-10-2 4-21-16/887-891; Dining cars with unusual seating 5-4-17/950; Coaches #2200 6-29-17/1472-1474; Converts old parlor car to hospital car, #1097? 12-14-17/1083-1084; Caboose #4259 used by Perry on exhibit 9-13-24/458; #3305 2-8-4 10-8-27/668-671 & 10-22-27/776-778; Oil rel. car #5000 2-21-31/415-416; Gond. #14000 1-4-30/91; Diesel marine lighter :Dayton" for N. Y. Harbor 11-1-30/936; Diesel tug "Olean" 6-217-31/1234; Gond. #2630 pix 1-26-35/161; Results of using 2-8-4 locos 9-1-28/415-417; Caboose #C300 pix 8-11-52/12;
Annual Report: 11-20-08/1381-1382; 11-12-09/906-908; 8-2-18/202-203;
News: 1176, 1274, 1418, 1608; 1H-09/330; 2H-09/777, 989, 1107; 1H-10/917, 922; 2H-10/332, 941; 1H-11/many; 2H-11/104, 615; 1H-12/many; 2H-13/436; 2H-14/1165; 2H-15/622; 1H-16/227?, 926?; 1H-17/918; 2H-17/86; 1H-18/531; 1H-19/1177; 2H-19/665, 762, 857; 1H-20/989, 1122; 2H-21/1232; 1H-22/401, 1253, 1312; 2H-22/45, 677; 1H-23/789, 1182; 2H-23/889, 1225?; 1H-24/many; 2H-24/many; 1H-25/8567, 1301, 1662; 2H-25/116, 162, 205; 1H-26/814; 1H-26 - 2H-30/many each year;

Erie Lackawanna RR: New company formed 10-24-60/24-25; Hot box detector 87% efficient 11-14-60/18-19; Piggy back now hauled on #7 & 8 4-10-61/135; 51st St. Chicago TOFC terminal 9-18-61/24-25; May join N&W family 10-30-61/59; Buffalo Bison Yd EL & NKP 4-29-63/13-16, 21; #2403 first Alco Century model locos 6-10-63/29; Gond. #17408 4-19-65/25 pix; Commuter services lose $9M 1-3-66/34; To discontinue "Phoebe Snow" train 6-27-66/64; Wm. L. White, pres. obit (when he died E.L. went to hell) 4-217-67/40; M/W 9-9-68/17-20; Bad order car repair at Meadville 8-18-69/28-29; Unit train of modu;lar homes shipped Avon, NY to Mississippi for flood needs 7-27-70/18-19; Push-pull suburban trains to Sufferin and Dover 12-14-70/22-24, 60; 1972 flood damage 8-14-72/26-30 & 7-10-72/10-13; Brightest future among bankrupt lines 5-28-73/10, 13,14; Intermodal service 10-28-74/24, 26, 29; C&O desires to acquire mainline in Ohio and Western Pa. (Unions wouldn't agree to labor rules changes and so not done. Conrail then abandoned it all) 6-30-75/10; Caboose #371 for sale 9-84/68; v N&W merger idea 2-19-68/14;

Esquimalt & Nanaimo News: 2H-08/many; 1H-09/524, 660; 2H-09/many; 1H-10/1437; 2H-10/many; 2H-11/many; 1H-12/320, 1262; 2H-12/1063; 2H-13/131, 1207; 2H-14/452, 1165; 1H-21/485; 1H-22/762?; 1H-24/768; 2H-29/223; 1H-30/789;

Essay Terminal: 2H-13/805, 1048; 1H-17/861; 2H-17/438?; 1H-18/337;

Estacada & Gulf: News: 2H-08/208, 505, 932, 1121; 1H-09/89, 960; 1H-10/164, 379; 1H-12/871;

Et trick & Northern: 2H-15/187?; 2H-16/619; 1H-17/1507;

Euclid: 2H-28/640, 946;

Eufaula & Chattahoochie Valley: 2H-11/575, 615; 1H-12/453;

Eureka & Palisade: 1H-11/1296, 1714; 2H-11/1036, 1148;

Eureka Nevada: 1H-14/253; 2H-27/1233;

Evansville & Chrisney (El): 2H-14/549;

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Houston Beaumont & Orange Interurban: 1H-25/441; 2H-25/336;

Houston Belt & Terminal: 2H-23/5x5?; Houston frt. yd 7-22-50/31-34; Described 7-9-79/20-22; Settegast Frt. Yd, Houston 5-83/72-73;

Houston North Shore: Auto railer pass. car 2-24-40/378; 2H-26/699; 2H-28/572;

Houston Richmond & San Antonio (Int): 2H-15/547, 1177; 1H-16/227?; 2H-17/1057;

Houston Richmond & Western: 1H-17/167;

Houston Richmond Tr: 2H-16/1017;

Howard Terminal: 1H-17/1171;

Hudson & Manhattan RR (El) : Signals 11-27-08/1432-1433; Baggage car #B2 3-18-10/734-735; H&M system & signals 9-17-09/492-497 & 9-24-09/539-545 & 10-1-09/585-587 & 10-8-09/633-643; & 10-15-09/699-707 & 10-22/715-718; Discontinues operation to Park Place 6-19-37/1031; 6-22-46/1227 & 6-29-46/1281-1282; Stockholders elect new board 4-20-46/830; To modernize 302 cars 1-28-50/237; Scraps 1908 cars long out of service pix 5-27-50/1050; New car built from old car 2-26-51/41; Modernizing Grove St. Sta. 6-18-51/36-38; Proposes rapid transit plans to N.Y. Metro R. T. Comm. journal Square to North Bergen and into Manhattan at 50th St and down to 33rd St 11-23-53/10-11; Speedwalk conveyor at Jersey City sta of Erie RR 227' long 6-14-54/11; Air conditions suburban cars 1-28-57/34-36; New cars Newark - N.Y.C. run 7-14-58/12-13; Taken over by Port Authority of N.Y. 10-8-60/32; Port authority buys H&M for $20.5M 2-6-61/34-35; To be modernized by Port Authority 2-5-62/12; Take-over problems by Port Authority 2-25-63/10; News: 2H-08/209,889, 1274; 1H-09/many; 2H-09/426; 1H-10/1065, 1239; 2H-10/many; 1H-11/258, 301, 1334; 2H-11/815, 1080, 1149; 1H-17/657;

Hudson Bay RR: Talk 3-18-10/775; Kettle Rapids bridge 6-14-18/1411-1416; News: 1H-09/924; 2H-09/125, 728; 2H-10/many; 1H-11/1296; 2H-11/356; 1H-12/many; 2H-12/many; 2H-13/586; 2H-14/1207; 2H-15/1075; 1H-26/1281; 2H-27/many; 2H-28/947, 1208; 2H-29/992;

Hudson Bay Peace River & Pacific: 1H-11/183; 1H-15/x1?;

Hudson River & Eastern Tr: 2H-10/887; 1H-11/1222, 1296;

Hudson River Connecting: 1H-13/863, 1161;

Hugo & Oklahoma: 2H-16/1218;

Humboldt & Eastern: 2H-09/520, 1213; 2H-10/205, 599?;

Hummelstown & Campbellstown (El): 1H-11/1674;

Huntingdon & Broad Top Mountain RR: Gas el. car #M39? 12-6-30/1225;

Huntingdon & Hemingford: 2H-12/1013; 1H-15/811;

Huntingdon Lewistown & Juniata Valley Tr. : 1H-10/1281; 2H-10/142;

Huntington Bluffton & Portland Short Line: 2H-15/301;

Huron & Northeastern: 1H-15/913; 2H--15/448;

Hutchinson & Northern: 1H-12/780; 2H-14/493;

Hutchinson & Western Interurban: 1H-12/780, 1262;

Iberia & Vermillion: 1H-22/160;

Iberia St. Marys & Eastern: 2H-10/103; 2H-11/158, 1036; 2H-17/215;

Idaho & Washington Northern RR: Described 11-18-10/959-962; News: 2H-08/457, 788, 1121, 1560; 1H-09/89, 1144, 1187; 2H-09/many; 1H-10/68, 850; 2H-10/671; 1H-11/1084; 2H-11/1188; 2H-12/1116;

Idaho & Western: 1H-10/68; 2H-10/810; 2H-11/1036, 1258;

Idaho Central: 2H-09/661; 1H-10/547; 2H-20/591; 2H-21/270;

Idaho Northern: 2H-08/409, 741, 1176; 1H-09/918; 2H-09/79, 990; 1H-10/547; 1H-11;1296; 2H-11/many; 1H-13/313; 2H-12/1063;

Idaho Pacific: 1H-29/809; 1H-14/209;

Idaho Ry & Nav.: 2H-08/889, 981;

Idaho Southern: 2H-09/563, 613;

Illinois Central RR: James T. Harahan, bio, pres. 12-23-10/1186-1187; Charles H. Markham, bio, pres. 12-30-10/1254; Rear end collision at Kimmundy, Il kills former pres. 1-26-12/142-144; Cumberland River bridge, Ky replaced 11-1-12/831-834; Concrete trestle 8-13-15/279-280; Memphis track elevation & sta. 1-29-15/179-181; Effingham coaling sta. 7-20-17/115; Main line signaling nears completion 6-1-17/1160-1161; Dawson Springs, Ky 13 miles C/O 12-20-18/1103-1106; Kankakee concrete bridge 6-18-20/1928-1931; Improves line Marteson, Ill to Kankakee 12-16-22/1123-1128; Water shortage in south Ill. 8-18-22/333-336; Forreston, Il. gravel plant 9-29-22 (or 23)/569-572; Edgewood, Ill to near Fulton C/) 8-18-23/293-294 & 1-2-7-23/278-279; Signaling 3 track line Monee, Ill to Kankakee 3-3-23/498-501; 40 mile line Dawson Springs to Central City, Ky 5-10-24/1129-1133; Improvements 4-26-24/1045-1047; Dubuque coaling sta. 5-2-25/1097-1098; Reverse signals double track line near Otto, Il 3-14-25/733-735; Leases Gulf & Ship Island and Vicks. Shreveport & Pac. 1-10-25/174. Stuyvesant Fish, pres. obit 4-14-23/955; Worst sleet storm downs communication wires 2-7-25/363-364; Champaign, Il. facilities for football crowd 1-10-25/169-173; East St. Louis yard retarders 3-6-26/593-596; Baton Rouge sta. 7-3-26/13-15; Cab signals & train stop 8-14-26/287-290; Charles H. Markham, chairman 9-18-26/512-514; Banana handling 6-18-27/1932-1934; New Paducah shop 8-6-27/256-261; Finances 10-8-27/679-681; Sullivan, Ind. auto. interlocking 5-19-28/1145-1147; E. St. Louis hump yard 5-5-28/1035-1037; Reverse signals 20 miles Gilman, Il. to Otto experience 3-10-28/587-589; Future of the RR 12-1-28/1091-1092;

Edgewood, Il. C/O 10-6-28/653-658; 1929 results 1-25-30/251-252; Chas H. Markham obit 11-29-30/1185-1186; Central Transportation Co bus subsidiary 4-25-31/818-819; Air conditions Chi.-St.L "Daylight Special." 7-30-32/140-142; Bridge over Bonnet Carre flooding 7-21-34/67-68 & 7-6-35/3-7 Special train successful 10-31-36/644; Paducah shops rehabilitation after flood 3-6-37/397-399; Worlds fastest frt. train, Chicago to Memphis, 527 miles in 13 hours; Article 12-1-34/233-235; Auto. crossing gates 2-16-35/271-272; Tunnel ? on near Reevesville, Il 2-23-35/290-292, 296; Rebuilds Cairo, Il. Ohio Riv. bridge 10-5-35/426-430; Big Clifty Creek viaduct on Louisville Div. 8-24-35/237-239; Ohio River floods 1-30-36/214-216, 233 & 2-6-36/248-253; Geo track under test 1-11-30/137-140; Water treatment on Iowa Div. 12-30-39/1002-1005; Tractor trailers 9-23-39/447-448; Employees make 16092 suggestions in one year. Saves $50,000 5-4-40/784-785; Dam causes ;line relocation 12-27-41/1073-1077; Hires 16 year old boys for firemen and brakemen 5-15-32/955; John L. Beven, pres. & Lawrence A. Davis chairman 12-17-38/876-877; Communication at hump yard 3-25-44/600-601; Reworks Chicago's Central Sta and New Orleans term. train sheds 12-29-45/1046-1050; War time operation 10-20-45/636-638; John L. Beven, pres. obit 1-13-45/151; RR prepares for post war 3-31-45/576-578; Wayne A. Johnston, pres. 3-3-45/415-416; Cairo bridge rails 1-19-46/182-185; Rail testing 5-31-47/1126-1128; LCL containers Chicago to Memphis truck-rail operation 1-31-48/257, 261; Renews Cairo bridge built in 1890 pix 11-12-49/857; Tank car explosion at Mt. Pulackie, Il 6-23-58/50; Cairo bridge replaced 2-5-51/44-47; Centennial 2-12-51/88-112, 119; Memphis grade crossing problems 6-23-52/78-79; Fills 3 long trestles in Il. 6-28-54/62-64; Application to acquire John Hay Co barge line denied 3-19-62//??; Future of the RR 6-17-63/13-18; Hide cars #34084 11-21-60/27; Wildcat strike showdown 4-13-64/11, 43 & 4-20-64/11-12; Merger study with GM&O 7-16-62/50-51; Unit coal train 9-21-64/24-25; Dubuque flood 5-3-65/18-21; New Orleans hurricane 9-20-65/11-12; Microwave system 5-215-67/16-21;

Passenger Service: "Green Diamond" train 4-11-36/608-617 & 3-28-36/534-536; Rail cars "Miss Lou" & "Illini" 11-30-40/819-825; "City of Miami" 12-21-40/930-931, 934-940 & 3-22-41/541; "Land O'Corn" motor train 12-13-41/986-990; "City of New Orleans" success 10-4-47/569-570 & 16 hours 5-10-47/930-933;

Chicago area & Suburban service: Proposed Chicago electrification 9-25-08/985-986 & 11-23-08/1186-1188; Electrification 10-29-09/812-814; Grand St. near 75th St. grade separation 5-3-12/990-995 Central yds 8-9-12/236-241; Chicago terminal plans 12-22-16/1131-1132; Changes at 12th St. proposed 9-22-16/517-519; Hyde Park St. subway built in 1893 concreted 16thSt to 67th St. 7-26-18/159-163; Markham Yd. 5-10-18/1164-1166; St. Charles Air Line 260' bascule bridge over Chicago Rive replaces 1882 swing bridge 12-12-19/1133-1137; New Chicago sta. 7-11-19/51-54; To electrify suburban line 10-21-22/743-745; Moves 7500 ton office bldg 85' at Chicago 11-10-23/867-868; Chicago frt. term. plans 4-28-23/1065-1067; Markham Yd 2-23-24/447-449; Electrification plans 3-14-25/736-740; Electrification progress 2-13-26/432-434 & 2-20-26/514-519; Markham Yd car retarders 4-17-26/1058-1061; Electrification completed 7-24-26/129-133; opening celebration 8-14-26/281-282; Markham yard completed 8-7-26/229-237; Suburban service after one year 12-17-27/1200-1202; Bascule bridge moved 400' at Taylor & 18th St, Chicago 2-28-31/445-447; 63rd St Sta & I.C. RR office bldg pix 5-2-31/876; Randolph St. sta. 10-29-32/605-609; Markham hump yd 6-17-50/1181-1184; Suburban operations 4-28-52/39-45; Getting rid of the Chicago lake front for resale 8-12-68/24-25; train 1-5-70/20-21; Diversified RR 9-14-70/44-51, 130; Intermodal service 10-26-70/36-37; Automatic car identification 12-27-71/39-40; Merger with GM&O to form Illinois Central Gulf 8-28-72/60-61;

Equipment: #1621 2-8-2 9-29-11/585-586; Panama Ltd obs. car 1-12-12/50-51; #218 0-6-0 superheated 2-14-13/289; Centralia shops 6-27-13/1597-1604; #2601 2-10-2 7-20-17/107; Stock car #31502 6-22-17/1356-1358; Automobile box car #160501 2-21-19/440-443; Stock car #30387 11-26-21/1040 pix; Suburban coach #1301 11-12-21/941-942; Gond. car #205700 4-19-24/1016 pix; M. U. car #1100 10-31-25/828 pix; M.U. cars 3-13-26/817-819; #7000 2-8-4 12-11-26/1161-1162; #11000 el. loco & storage battery tested by Gen. El. Co. 12-21-29/1430-1432; #3561 0-8-0 12-14-29/1367-1368; Reconditions 162 pass. cars 10-20-34/465-467, 481; #9200 1800 hp loco 4-18-36/647-651; #9201 2000 hp transfer loco 8-29-36/304-309; Gond. car #402115 pix 1-7-28/91; D.E. transfer loco #10001 5-3-30/1060-1062; Box car pix #166199 12-17-38/888; Diner #4100 pix 1-4-41/104; Covered hopper #79531 5-`17-41/854-855; Composite hopper #72217 8-28-43/341-343; Alum. reefer #51000 11-23-46/875-879; All electric diner "Cafe St. Louis" 3-12-49/548-551; Lawrence A. Dowes, chairman 8-17-40/249, 254; Radio use 11-10-45/742-744; Alum. reefer #51000 2-23-53/57-58; Rebuilding 12 year old diesel GP-9 #8109; 8-21-67/19; Proposes bi-level suburban cars 8-5-68/16-19; 130 double deck cars 4-12-71/22-24; Converts roomette car to R.P.O. 4-10-61/27, 29; 7 cars from C&EI 2-19-62.18;

Annual reports: 11-20-08/1380-1381; 11-19-09/955-956; 10-7-10/615-616; 9-29-11/581-582; 10-4-12/615-618;9-26-13/551-552; 11-20-14/937-939; 10-22-15/721-722; 10-13-16/625-626; 5-18-17/102; 6-14-18/1408-1409; 8-6-20/216-217; 7-9-21/54-55; 5-6-22/1075-1076; 4-28-23/1061-1063; 4-25-25/1031-1033; 4-24-26/1150-1152; 4-24-26/1183-1185; 4-21-28/942-945; 4-20-29/942-945;

News: 2H-08/647, 788, 2075; 2H-09/613; 2H-10/671; 1H-11/970, 1334; 2H-22/1258, 269, 304, 615; 1H-12/36, 408; 2H-12/many; 2H-13/77, 586, 727; 1H-14/many; 2H-14/many; 1H-15/115, 913, 1460; 2H-15/301, 448, 779; 1H-16/1113; 2H-16/133, 213; 1H-17 - 1H-19/many each year; 1H-20/1073; 2H-20 -2H-30 /many each year;

Illinois Central Gulf RR: Merger of IC & GMO 8-28-72/60-61; New community of Park Forest South, Il. 8-28-72/50, 52; M.U. train wreck kills 44 11-13-72/11; Suburban train wreck kills 45 11-13-72/11 & report 8-13-73/14; Paducah shop 5-26-75/32-34; Abandoning lines 3-14-77/30-31; "Sling Shot" piggy back Chicago to St. Louis with 3 man crew (one too many and probably a crew change - also unnecessary)) 10-30-78/26-30; Merger with Southern Ry called off 2-26-79/10, 14; Forest products traffic 9-29-80/22-27; Abandoning lines 11-26-79/34-35, 38, 40; Sales dept./ 3-29-82/34-38; Paducah car & loco shop 6-28-82/23-30; Retrenches 8-84/62-63; Rail-barge at Mound City, Il 6-85/37; Woodcrest Shop at Markham Yd locos & pass. cars 8-85/62, 65; Still shrinking 11-85/31; Sells electrified lines to Metropolitan Rail (Metra) 7-87/55; Single track main line, trains cut from 100 (WWII) to 25 a day 2-90/32-34; Control purchased by Canadian National Ry 3-98/33-36; :

Illinois Northern: Corwith, Il crossing interlocked 7-27-17/152-153; Switcher #28 with war bond message 6-6-42/1125;

Illinois Terminal Ry: Gets old New York Elevated 6th Ave cars for war workers 12-19-42/1014-1015; Seeking abandonment 10-31-42/711; "City of Decatur" streamliner 11-20-48/996; 3 streamliners 7-23-49/178; Future 8-20-56/20-21; Described 8-4-52/72-75; Caboose #982 3-15-54/11; May abandon all lines north of Edwardsville 10-25-54/8; News: 1H-17/1260; 2H-21/960; 1H-22/160, 253; 2H-23/xxx?; 2H-25/116; 1H-30/455, 1493; 2H-30/343, 1348;

Illinois Traction Co: Frt. facilities at St. Louis 10-14-33/523-526; News: 2H-08/1560; 1H-10/68; 2H-11/1300, 356; 1H-14/703; 1H-22/1043?; 1H-28/1071; 2H-28/1323;

Ilwaco Ry & Nav.: 2H-08/554; 1H-09/36;

Imperial: 2H-28/127

Imperial Valley: 1H-10/164, ,1390;

Indian Valley: 2H-16/1218;

Indiana RR: Aluminum car #64 9-12-31/403-404;

Indiana Creek Valley: 2H-08/1500; 1H-09/871; 2H-09/1107; 2H-11/1149;

Indiana Harbor Belt: First installation of pneumatic car retarders at Gibson, Ind. hump yard 11-15-24/895-898 & results 5-9-25/1143-1145;; #415 2-8-2 3-1-24/505-506; #102 0-8-0 8-6-27/265-266; Reefer icing 12-29-28/1305-1307; Interlocking at 55th St near Cicero 1-31-42/294-297; Blue Island rip track car repair 8-24-53/71-73; Blue Island retarder Yd 12-14-53/87-89, 95; Lowers track for tri level auto cars 7-3-61/22-23; News: 2H-17/441; 1H-25/905; 2H-25/205, 457; 1H-27/1157; 2H-28/44; 2H-30/260; I

Indianapolis & Cincinnati Tr: 2H-09/661; 1H-22/402; 2H-10/985;

Indianapolis & Delphi Tr: 1H-11/525, 813;

Indianapolis & Frankfort : 1H-14/209; 1H-16/773;

Indianapolis Chicago & Meridian : 1H-11/1334; 2H-11/1258;

Indianapolis Cloverdale & Terre Haute Tr: 2H-08/209; 1H-09/36;

Indianapolis New Castle & Toledo: 2H-08/788; 1H-09/726; 2H-09/613, 661;

Indianapolis Southern: 2H-09/827; 1H-11/925;

Indianapolis Union Ry: Elevation work 7-18-19/95-101; News: 1H-09/1220; 1H-15/1033; 2H-18/646; 1H-23/357; 1H-24/1141; 2H-26/1136; 2H-27/464; 2H-281323;

Industrial Terminal Ry: 1H-22/993;

Ingleside & East Arkansas: 1H-15/1099;

Inter-California: 2H-08/1608; 1H-23/1182;

Interborough Rapid Transit: (subway): Side doors added to subway cars 2-26-09/418; Steel pass. car #3354; Shelters over street sta. entrances 3-16-10/630-631; Report 9-29-11/583-584; 2H-08/209; Colors of locos 5-12-23/1145; Sold to City of New York 6-8-40/1019; News: 2H-15/1113;

Intercolonial Ry: Fairure 10-13-16/629-632 &12-15-16/1081-1084; News: 2H-08/693, 788, 839, 1121; 1H-09/660; 2H-09/990, 1213; 1H-10/many; 1H-11/1447; 2H-11/many; 1H-12/701, 1139; 2H-12/1162; 2H-13/many; 1H-14/209, 253, 492; 1H-15/1139; 2H-15/143?, 181, 922;

Intermarine Ry & Nav.: 1H-13/973, 1052;

Intermountain Ry: 2H-14/80;

International Ry (El) (Buffalo?): 2H-14/1207; 1H-15/289, 493; 1H-16/817; 1H-17/295; 2H-17/1106;

International & Great Northern: (See also I. G. N.) Reorganization 6-10-22/1347-1350 &10-28-22/811-812; Coach #227 2-21-25/474 pix; News: 1H-09/480, 1099; 2H-09/215, 340; 1H-10/280; 2H-10/440, 558; 2H-11/158; 1H-12/321; 1H-13/779; 1H-21/1422; 2H-21/42; 1H-22/502;

International Great Northern: (See also I. & G. N.) Prospects 2-8-26/385-387; News: 2H-23/xx1?; 1H-24/397, 908, 1231; 2H-25/162, 336, 378; 2H-27/277?; 2H-29/702;

International Ry of New Brunswick: 2H-08/409, 1176, 1608; 1H-09/660; 2H-09/991; 2H-10/599;

International Suburban: 1H-14/1011;

Interprovincial Ry: 1H-14/555

Interprovincial & James Bay: 2H-12/710, 814; 1H-17/79;

Interstate RR: News: 2H-09/168; 1H-14/296; 1H-16/227; 2H-20/418; 1H-21/532, 958; 2H-21/270, 596; 1H-22/207;

Interstate Ry(El) : 1H-09/1545; 2H-09/125, 563, 613;

Iowa & Illinois Ry: slides 8-14-08/722-723;

Iowa & Omaha Short Line: 2H-08/880, 1374, 1419;1H-09/330, 774; 2H-09/943; 1H-10/850;

Iowa & Saint Louis: 1H-30/1262;

Iowa & Southwestern: News: 1H-09/380; 2H-09/1167; 1H-10/161; 2H-10/599; 1H-12/76; 2H-12/1013;

Iowa Central: 2H-11/356, 1036;

Iowa City Ottumwa & Southeastern (El): 2H-09/1213; 1H-10/1324; 1H-11/925, 813;

Iowa Interstate Ry: Described 1-88/40-43 & 5-89/81-87;

Iowa Tr. Co: 2H-10/945; 1H-11/1133;

Iron Mountain St. George & Grand Canyon: 1H-10/918?; 2H-10/985

Iron Road (Canada) 9-96/95-102;
Irwin Hermine Tr: 2H-16/619;
Isabel & Western: 1H-29/809;
Ismay Ekolaka & Southern (El): 1H-14/855;
Isothermal Tr. Co: 1H-10/547?; 1H-11/479;
Jackson & Eastern: News: 2H-12/453; 1H-15/211;2H-15/301, 1217; 1H-16/1017; 2H-20/169; 2H-21/311; 1H-22/402; 1H-24/1008; 1H-26/311; 2H-26/many;
Jacksonville & Florida (El): 1H-15/ 1181;
Jacksonville & Havana: 1H-27/1921?;
Jacksonville Middleburg (El): 1H-15/427;
Jacksonville Terminal Co: 2H-21/646; 2H-23/605?; 2H-25/684;
Jacksonville Union Sta. 1-9-20/157-160;
James Bay & Eastern: 1H-15/289, 1099;
James River Valley & Northwestern: 2H-09/125, 168, 827; 2H-10/263, 483;
Jamesville & Madison Tr: 1H-14/703; 2H-14/277, 310;
Jay Street Connecting RR: #300 diesel results 12-31-32/975-976;
Jefferson & Northwestern: News: 1H-11/1187; 2H-11/1036, 1080; 2H-14/549; 2H-15/1112; 1H-17/725; 1H-21/532; 1H-25/1494; 2H-25/378, 544;
Jefferson County Tr.: 2H-12/559; 2H-13/436;
Jefferson Southwestern: 2H-22/538; 1H-23/834; 2H-24/345; 1H-25/905;
Jellico Capuchin & Western: 1H-15/211;
Jellico Coal & RR: 2H-14/549; 1H-15/251;
Johnesport Central & Northern: 1H-14/102;
Johnstown & Altoona (El): 1H-10/850, 1016; 2H-10/205, 332;
Johnstown & Somerset (El): 2H-15/143; 1H-16/817;
Joliette & Lake Manuan Colonization Ry: News: 1H-09/236; 1H-11/183; 1H-11/1027, 1626; 2H-11/1036; 2H-12/143; 2H-13/1207;1H-16/1113;
Jonesborough Lake City & Eastern: 1H-09/380; 1H-12/408; 2H-14/717;
Joplin & Pittsburg: 2H-08/209; 2H-13/1048;
Joplin Union Depot Co: 2H-08/457; 1H-09/330; 1H-24/1231;
Kanawha & Michigan: 2H-09/661; 1H-10/429?, 918, 970; 1H-13/1205; 2H-17/488; 1H-18/1055, 1587;
Kanawha & West Virginia Ry: New line 8-15-19/297-299; News: 1H-23/973;
Kanawha Glen Jean & Eastern: Flat car #112 pix 1-5-29/83; News: 2H-09/1037; 2H-10/520; 1H-15/1033, 1181; 2H-15/257, 1113; 2H-19/762;
Kanawha Valley Tr: 1H-15/211;
Kankakee & Urbana Tr.: News: 2H-09/426, 478; 1H-10/113?; 1H-15/211; 2H-15/257, 585;
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tercity trucking operations 6-27-36/1053-1055; Nueces River bridge, Tx 8-1-36/172-174; Trucking op. 9-25-37/420-422; Concrete pile viaduct over White River, Ark. 11-13-37/674-676; Geo track under test 1-11-30/137-140; long passing sidings 4-27-40/745-746; Commissary 3-23-40/550-552; Truck and bus lines 3-23-40/554-556; Gulf Coast Line bridge at Krotz Springs, La over Atchafalay River lengthened 12-21-40/946-948, 954; Sperry service rail detection 8-10-40/214-218; Modernize sta's at Arcadia-Ironton, Piedmont, Kirkwood & Warrensby, Mo; Wichita, Ks and Alexandria, La. 1-31-42/299-301; CTC Van Buren, Ark to Fort Smith 6-12-34/1175-1176, 1179; Kansas City to Colo. line for fast frts 7-10-43/59-61; Lewis W., Baldwin, pres. obit 5-25-46/1065-1066; WWII service 2-2-46/284-287; DeSoto, Mo frt. car shops 11-29-47/942-945; "Geo. H. Walker" car ferry at Baton Rouge replaced by bridge 9-6-47/41; Kansas City, Mo. frt house 8-2-47/198-199; Train communication McGehee, Ark to Alexandria, La. 5-24-47/1070-1071 & 4-10-48/718-721; Strike 9-17-49/493-494, 520-521 & ended after 45 days 10-29-49/773; Paul J. Neff, pres. 6-1-46/1106; New line over Tip Top Hill 1-21-50/170-173; radio equipped 1540 miles 1-29-51/20-22; LCL at Little Rock Frt. Sta. 8-6-51/62-64; LCL cars 1-8-51/30-31; Sedalia sta 5-12-52/16; Kansas City loco. shops 5-26-52/48-53; River-rail coal transfer at Ford, Il 4-20-53/94-96; New line Kansas City, Mo to Osawatomie, Ks 25 miles 7-12-54/58-59, 76; Wayside radio operated by dispatcher when sta. is closed 10-17-55/30-31; North Little Rock loco shop 11-21-55/38-42; 32' size containers 12-5-55/53; Palestine, Tx sta 4-15-57/37, 44; East Yard at Kansas City 7-27-59/58-59; Kansas City Yd 12-21-59/46-47; Digging ditches 4-9-52/12-13; Revamps divisions 4-2-62/33; LCL 9-3-62/22; Rotary car dumper for river-water transfer at White River 7-15-63/35; 28 mile branch to Pea Ridge mines in Ozarks, Mo 8-15-60/35-36; Iron ore trains from Pea Ridge, Mo 8-12-63/25; Neff Yd at Kansas City 5-8-61/12-13; Masil by TOFC 9-4-61/11; Crew consist fight with B.R.T. union to eliminate one brakeman 5-25-64/11-12; Raising 15 miles for flood project Russellville, Ark to Hartman 9-14-64/20-21; De Soto, Mo. car shop 2-15-65/19, 22; Stores Dept. 8-23-65/30-32; Dam causes new line Glen Elder to Downs, Ks 1-3-66/14-17; 27 mile branch line Rock House Tx 10-14-68/16-19; Intermodals service 10-26-70/40-41; Frt 10-25-71/26-28; Hauling trash to be buried 9-30-74/19; Frt. operations changed 3-31-75/32-35; A great RR 9-13-76/24-29; Frt car subsidiary 5-30-76/40, 46; still helping industry location 8-28-78/46-48; Grain trains 5-14-79/20-23; Car scheduling 11-9-81/34-35; Creating a second north-south line thru Arkansas 12-14-81/32; Good RRing & marketing 3-30-81/42-46, 50; Shops 2-22-82/17-23; North little Rock diesel shop 8-84/67-68;

Reorganizations and Mergers: Gould system disintegrates 4-2-15/728-729; Joint control; D&RG-MP-WP 3-7-25/563-566; To acquire N. O. T & M.RR 12-13-24/1080-1082; N.O.T&MRy subsidiary 2-13-26/439-441; Allegheny Corp of Van Sweringen 2-15-36/289; Files for reorganization 4-8-33/508, 514; Out of bankruptcy 5-27-57/11; Merger talk with AT&SF 6-10-63/46-47; ICC approves controlling C&EI 3-15-65/61, 64; C&EI merger approved 21-16-67/12; Merger with UP & WP 4-27-81/20-26; UP merger 1-28-80/31; UP-WP-MP merger approved by ICC 9-27-82/15-16;

Passenger service: Bus plans 12-22-28/1269-1270; Southwestern Transportation Co bus line 2-23-29/495-498; Missouri Pac. Transportation Co 4000 mile bus system in one year 2-22-30/518-520 & 5-24-30/1297; Enlarges bus operation 7-27-29/318-319; "Eagle" train St. Louis to Kansas City to Omaha 2-17-40/353-363; "Delta Eagle" Memphis to Tallulah, La. 2-1-41/260 * 8-16-41/270-271; Missouri River Eagle makes an extra run St.L-KC to get servicemen home sooner 10-27-45/687-688; RR and bus coordination 6-2-46/982-984; NY to Texas & sleeper to Mexico city for "East West Sunshine Special" 6-22-46/1225; "Eagle" trains 8-14-48/332-336; Pass. business 9-1-58/20-21;

St. Louis area: Tower Grove crossing eliminated at St. Louis 10-29-15/799-802; St. Louis barge transfer 12-31-21/1315-1316; St. Louis hospital of the RR 9-22-23/529-530; Dupo Yd, St. Louis 4-7-28/792-794; St. Louis frt. house 3-25-50/602-603, 612 & 1-7-52/47-51; Trains rerouted St. Louis 9-7-53/80-82, 96; St. Louis 23rd St. sta. 11-11-68/21-25; St. Louis yard 11-12-73/40-41; St. Louis term. operation 3-29-76/32-33; Dupo, Il icing plant 4-27-46/870-872;

C.T.C and Signaling.: Eliminates manual block signals Kans City to Osawatonie, Kn 11-8-24/843-847; Signals Little Rock to Texarkana, 147 miles 1-26-29/243-245; CTC Edgewater Jct. (K.C., Ks.) to Atchison, Ks, 43 miles 3-15-30/640-642; Remote interlocking at Cliff Cave, Mo 4-1-33/475-476; Block signals Shannon, Ks to Union, Neb. 5-9-36/756-758; CTC 34 miles Poplar Bluff, Mo to Knobel, Ark 6-5-37/938-942; CTC Osage, Mo to Cole, 13 miles and St.L. to Ks. City 5-31-41/974-977; CTC 27 mile single track of Illinois bridge route for 77 daily trains Flinton, Il to Raddle Jct 11-7-42/724-726; CTC Gudon to Texarkana, Ark 4-1-44/634-637; CTC Gulf Coast Lines Houston to Vanderbilt, Tx 8-6-49/256-257; CTC Middlebrook, Mo to Poplar Bluff, 83 miles 12-9-50/28-29; CTC 38 miles Radelle, Il to Gale 20-1-54/23-27;

Equipment: Suburban cars 3-15-24/747-749; Gond. car #71687 11-26-21/1039 pix; #1424, 2-8-2, #6440 4-6-2, #5308 4-8-2 9-10-21/495-499; Automobile box car #81499 3-14-25/741-742; #1699 2-8-2 5-9-25/1164-1166; #1729, 2-10-2, & #4000 2-8-8-2 big tender boosters 12-17-27/1221-1222; Hopper car #58075 7-25-25/186-187; Container cars 3-23-29/673-675; #9767 & #9771 0-8-0 11-16-29/1139-1141; Box car #89169 1-4-30/101; Drovers caboose #1100 4-4-31/680-681; Hopper #61669? pix 1-7-28/91; Aux, water tender car #6001290 6-22-40/adv. page 2 & loco #1437 5-4-40/781, 786; 4-8-4 & Sedalia shops 9-5-42/366-367; $2208 4-8-4 3-25-44/603-604; Alum. hopper #5024 2-2-46/270-272; Air brake inst. car #60 10-23-48/760-762; "Eagle" lounge & dining cars 9-18-48/534-539 & dome cars 9-11-48/500-505 & coaches and head end cars 8-28-48/420-425; & sleepers 8-21-48/370-372; Motor railer car #670 10-24-42/661-663; Combination caboose, coach, box car for mix train #1010 8-8-42/233; Flat car #1215 pix 1-11-54/185; Renovates pass. car 10-15-62/25; Caboose #13350 4-24-67/48; Bunk cars made from tourist sleepers pix 11-23-53/10; Last steam locos to scrapper 6-6-55/12 pix; 1942 rail car replaces "Delta Eagle" 7-11-55/13 pix; 80' box cars for pass. headend service 2-11-63/13; 4-6-0, #?, presented to Texas A. & M. Univ. for their steam lab 6-11-17/1853;

Annual report: 9-27-12/563-565; 10-17-13/689-691; 10-30-14/786-787; 1915 check vol's index; 10-20-16/680-681; 1917 /check vol's index; 5-24-18/1264-1265;7-30-21/174-175; 5-26-23/1275-1276; 5-1-26/1237-1238; 4-30-27/1371-1372; 4-28-28/1000-1001;5-4-29/1082-1083; 5-3-30/1106-1107; 5-2-31/891-892; 4-30-32/754-755;

News: 2H-08/1609; 1H-09/381, 918, 1144; 2H-09/726, 943, 1108; 1H-10/many; 2H-10/many; 1H-11/1674; 2H-11/105, 453, 1189; 2H-12/37, 599; 2H-16/xxx?; 1H-17/382; 2H-17/170, 215; 2H-18/679; 2H-19/233; 2H-20/676, 726, 861; 1H-21/574, 1295, 1374; 2H-21 -2H-30 /many each year;

Missouri River Ry: 1H-09/1320; 2H-09/828;

Missouri River & Northern: 2H-09/426?; 2H-10/941; 1H-11/1223;

Missouri Southern 2H-08/1500; 1H-09/1051; 2H-28/172, 1254; 1H-29/557, 1354;

Mitchell & Northern .....: 2H-16/xxx?;

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Mobile & West Alabama: 2H-16/xxx?;

Mobile Auburn (?) & Pensacola (?): 2H-16/571;

Mobile Volanta & Pensacola: 1H-17/124;

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Monessen Southwestern: 2H0-30/135, 779;

Monongahela RR: Monongahela River bridge 1-17-13/95-98; Brownsville office 6-15-29/1369-1372; 7 mile extension to Waynesburg 11-2-29/1043-1046; News: 2H-09/35; 1H-10/1568?; 2H-10/711; 1H-11/258; 2H-11/691, 1080; 2H-14/924; 1H-15/289, 811; 2H-16/xxx?; 1H-25/1366; 1H-28/1232, 1463;

Monongahela & Southern: 2H-17/823;

Monongahela Connecting RR: Taken over by O.D.T. because of strike 6-22-46/1233; Loco. #700 rebuilt 9-9-57/15 pix;

Monongahela Southern Tr.: 2H-14/369;

Monongahela Valley Tr: News: 1H-12/780; 1H-13/271; 2H-14/670;2H-15/547; 1H-16/1245; 1H-17/209;

Monroe & Texas: 1H-15/115;

Monroe Farmersville & Hope: 2H-08/889, 933;

Montana RR: 1H-21/532, 574; 1H-23/167, 887;

Montana Eastern: 2H-14/189; 2H-16/xxx?; 2H-26/1136; 1H-27/xxx?;

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Montezuma & Western: 1H-10/1137?, 1812; 2H-12/1235; 1H-13/231;

Montezuma San Juan Southern: 1H-13/925, 1161;2H-13/313;

Montgomery ..... Traction: 2H-16/571;

Montour: News: 1H-28/1359; 2H-28/1163; 2H-12/1063; 1H-13/231, 411, 529; 2H-13/313;

Montpelier & Wells River RR: Montpelier sta pix 5-2-42/864;

Montreal & South Western Ry & Pr Co(El): 1H-15/493;

Montreal & Southern Counties (El):News: 2H-08/1374; 2H-11/1300; 2H-12/1235; 1H-13/1115; 2H-13/805; 2H-14/39; 1H-15/116; 2H-15/38, 1217;

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Moore Haven Ry: 2H-19/383;

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Morehead & North Fork: 2H-16/xxx?;

Morgan & Fentress: 1H-14/856; 2H-15/448; 2H-16/xxx?;

Morgan's Louisiana & Texas: News: 2H-08/1121 ;1H-09/130,2H-10/559, 600; 1H-11/301; 2H-11/860; 1H-12/176; 2H-21/1286; 2H-22/1067; 2H-30/1011;

Morgantown & Dunkard Valley (El): 1H-09/481; 2H-12/492; 1H-13/313;

Morgantown & Wheeling (El): News: 1H-13/313; 1H-14/966, 1118; 2H-14/1029; 1H-16/42?; 2H-16/1017; 1H-18/816; 1H-21/218;

Morgantown Interurban: 2H-16/923; 1H-12/701;

Morris & Essex: 1H-26/1698;

Morris County Tr.: 2H-15/301;

Morrisburg & Ottawa (El): 2H-13/37; 1H-16/337;

Morrissey Fernie & Michel: 2H-27/232;

Morristown & Erie RR: 4 lines but skips description of their Whippany line 11-93/84-87; S.J.Groves, builds a RR to construct I280 at First Mtn, West Orange 11-10-69/16-18;

Morristown Sneedville & Kyle Ford Ry (El): 2H-19/183;

Motley County RR: Gas. loco. 1-15-15/101-102; News: 1H-13/1631; 2H-24/264; 2H-13/253; 2H-14/1107;

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Moultrie & Pelham: 1H-14/856;
Moultrie Southwestern: 2H-14/147, 268;
Mound City & Eastern: Uses a truck in a frame as a loco 11-23-35/673-674; News: 2H-27/165?; 1H-28/166, 1177; 2H-28/640; 1H-29/1071;
Mount Adams (El): 1H-10/1437?; 1H-11/1223;
Mount Airy & Eastern: 2H-11/1189; 1H-15/1033;
Mount Hood RR: 1H-09/1545; 2H-10/671;
Mount Ida Ouachita Valley & Hot Springs: 2H-12/409, 492; 1H-13/38;
Mount Washington Ry: "Old Peppersass" accident badly damages loco. 7-27-29/270-271 & 8-3-29/354; 2H-12/1014;
Mountain Central: 2H-14/670;
Mountain Valley & Plains: News: 2H-08/889; 1H-09/80, 187; 2H-09/many; 1H-10/113, 461; 2H-10/887; 1H-13/529;
Municipal Rys (N.Y.): 1H-14/1356;
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Murphyboro & Southern Illinois (El):2H-14/624; 2H-16/11x6?;
Muscatine & Iowa City: 2H-15/923;
Muscatine North & South: 1H-10/286?; 2H-10/1097, 1204; 1H-11/878; 1H-12/454;
Muscle Shoals Birmingham & Pensacola: 2H-23/1137; 2H-26/1014; 2H-28/172;
Muscle Shoals Tr. :2H-17/260;
Muskingum Electric RR: 10-23-67/18-19; The RR & loco. 8-5-68/24; 11-11-68/20-20B; 6-9-69/16-19;
Naas & Skeena River Ry: 1H-15/1181;
Nacadoches & Southeastern: News: 1H-11/1016; 2H-11/158; 1H-13/373, 529; 2H-13/313; 2H-14/1207; 2H-21/911;
Naples & Northwestern: 1H-10/1568; 2H-10/103;
Naples Seaboard & Gulf: 1H-25/1611; 1H-26/505, 939;
Narron Central: 1H-18/531;
Nashville & Atlantic: 2H-22/358, 72x?;
Nashville & Eastern (El): 2H-15/923; 2H-16/434?;
Nashville & Huntsville (EL) : 2H-08/25, 209, 601, 693, 788;
Nashville Chattanooga & St. Louis: Raccoon Mtn. tunnel daylighted 11-17-11/1018; Double tracking Chattanooga Div. 5-9-13/1035-1036; Paducah-Illinois RR bridge at Metropolis, Il over Ohio River 2-4-16/203-205 & 5-12-16/1025-1028 & 7-23-15/160 & in service 1-25-18/203. John H. Peyton, pres. 1-2-14/30; Chattanooga Creek bridge 8-20-15/343-345; #608 2-8-2 & #506 4-6-2 5-7-15/976-977; Aubon, Tn. crossing with L&N 7-30-15/932-933l Hollow Rock Jct., Tn coaling dock 3-18-15/603; Caboose 9-15-16/453-455; #902 2-8-8-2 5-5-16/985-988; Rockledge, Tn. collision 1-21-16/104-105; Diesel self propelled pass. car #699? 8-31-17/381-383; Butting collision near Nashville kills 101 report 10-11-18/664-665; Rockledge, Tn. to Sherwood track L/O and remote control for switches (first C.T.C.?) 5-3-1-18/1323-1324; 7 mile RR built in 32 days From Hadley's Bend in Cumberland River near Nashville 5-31-18/1317-1318; #660 with thermic syphon 6-16-23/1425-1426; Hollow Rock Jct., Tn. terminal 4-28-23/1057-1059; Whiteford R. Cole, pres. 3-27-26/907; James B. Hill, pres. 4-3-26/963-964; Replaces 8 trains with buses 7-24-26/153-156; Motor truck for baggage and head end 2-26-27/613-614; Chattanooga Mtn. tunnel 6-1-29/1271-1274; Discontinue buses on Tracey City Branch 10-25-30/891-892; CTC 41 miles Atlanta to Cartersville, Ga. 10-23-43/640-642; CTC 207 Bruceton Tx to Stevenson, Ala 10-20-45/647-649, 651; Fitzgerald Hall, pres. 2-16-46/369; "City of Memphis: streamliner 6-14-47/1210; Uses old truss bridge at Gilbertsville, Ky 2-1-47/270-272; W. s. Hackworth, pres 3-16-46/511-512; CTC results 2-7-55/42-43; Radnor Yd, Nashville frt. house 2-6-56/56-59;
Reports: 11-12-21/919;
News: 2D-08/1177; 2H-09/340; 1H-10/1324; 1H-11/814; 2H-12/1117; 2H-13/1099; 1H-15/39, 491; 2H-15/449, 1113; 1H-16/many; 1H-17/124; 2H-17/1057; 1H-18/816, 1304; 2H-20/254, 298; 2H-21/1286; 1H-22/many; 2H-22/86; 2H-23/many; 1H-24/1116; 2H-24/1187; 1H-25/441, 1611; 2H-26/579; 1H-27/1020?, 1279?; 2H-27/232?, 400; 2H-28/1041; 1H-29/557, 1071, 1307; 2H-29/575, 663, 1357;
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Nashville Hartsville & Red Boiling Springs: 1H-16/417, 817;
Nashville Lafayette & Eastern: 2H-11/544, 815;
Nashville Shiloh & Corinth: 1H-13/863; 1H-14/966; 2H-14/268, 408;
Nashville Springfield & Northern: 1H-15/1497;
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Navajo Southern: 2H-11/199; 1H-12/321; 2H-13/891;
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Nebraska Kansas & Southern: 2H-08/839; 1H-09/918; 2H-09/125, 1037; 1H-10/850; 2H-11/ 1080; 2H-12/1063;
Nebraska Tr & Pr: 2H-08/1177, 1275;
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Nevada Central RR: Bus and truck operation, Nev. Central Motor Lines 1-22-38/205; Ry & Loco. Hist. Soc gets coach 3-12-38/472;
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Nevada Northern: 2H-08/1374; 2H-10/205; Ownership by Los Angeles Dept of Water & Power 8-90/52; 50th anniversary train 10-22-56/12 pix;
Nevada Short Line: 2H-14/1166; 1H-15/1139;
New Beria St. Martin's & Northern: 2H-09/613, 1167;
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New Brunswick Coal & RR: 1H-11/878; 1H-12/221?;
New Brunswick Southern: 1H-09/1329; 2H-12/1-14;
New Holland Higginsport & Mt. Vernon: 1H-22/453; 2H-27/1138;
New Hope & Ivyland RR: Buys Rdg RR branch 6-27-66/98;
New Iberia & Northern: 1H-11/970; 1H-12/1078; 2H-12/775; 2H-15/1075;
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New Jersey Indiana & Illinois: 2H-20/336; 2H-28/789; 1H-29/173;
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New Mexico Central: 2H-09/828, 1107?; 1H-10/114; 2H-12/409; 1H-14/50; 1H-23/1501; 1H-25/209; 2H-25/290;
New Orleans & Lower Coast: gas motor car by 4 Wheel Drive Co. 3-18-22/749; News: 1H-17/79;2H-26/1136;
New Orleans & North Eastern: #101 2-8-2 and #298 4-6-2 1-22-15/134-135;
New Orleans & Western: (El) 1H-12/1627; 2H-12/229;
New Orleans Fort Jackson & Grand Isle: 1H-11/369; 1H-17/79;
New Orleans Great Northern: Gas el. car #350 1-3-31/101; News: 2H-08/1177; 1H-09/many; 2H-09/340; 2H-10/143; 2H-11/1189; 2H-12/492; 2H-26/262, 530, 699; 1H-27/1221, +--79, +--846;
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New Orleans Public Belt: Miss. River bridge progress 9-14-35/326-331. See also S.P.RR; News: 1H-24/604; 1H-29/267; 2H-30/1299; Covered hopper #211 11-8-54/14;
New Orleans Texas & Mexico (see also Gulf Coast Lines): Report 9-9-22/480-482; Car ferry "Geo. H. Walker" for Baton Rouge 10-20-23/740; Bag. car #74 2-14-25/431 pix; described 2-13-26/439-441; News: 1H-11/1223; 2H-11/1189; 2H-12/366, 1063; 2H-21/1286; 2H-29/403;
New Orleans Union Pass. Sta planned 11-29-47/950-952; Terminal plans 4-26-54/22-35; Under construction 12-31-56/52-54;
New York & Brooklyn Bridge RR: Loco. now in use on Portage Ry. in Adirondacks 10-1-20/562 pix.;
New York & Harlem RR: 1871 snow plow pix 8-20-27/348;
New York & Long Branch: 17 sta. in 14 1/2 miles Long Branch to Bay Head to close 9 of them 5-31-41/985; 1H-22/850; Matawan fill 8-10-53/16; Long Branch elevation & new sta & closing 2 sta's. 6-20-55/15; Raritan River bridge hit by ship 7-11-66/20-21;
New York & North Shore Tr: 2H-09/943; 1H-10/1016?;
New York & Port Chester: 1H-09/139, 524;
New York Central (& Hudson River RR): (See also Grand Central Depot, L.S. & M. S., M.C. RR, C.C.C.&St.L.) : Wm. C. Brown, pres. 11-21-13/953-954; Alfred H. Smith , pres. 12-12-13/1129; Wm. K. Vanderbilt, obit. 7-30-20/196-197; "Service Progress Special" train 9-29-23/588-589; Alfred H. Smith, pres. obit 3-15-24/751-753; P. E. Crowley, pres. 4-14-24/942-943; Automatic train stop 6-12-26/1683-1684 & 5-8-26/1257-1259; 100th Anniversary 4-24-26/1153-1155; Radio phone between loco #2561 & caboose #18588 7-17-26/100; 4th section 20th Century Ltd runs into 3rd section 2-26-27/562; Record earnings 7-2-27/23-26; Chauncey M. Depew, chairman obit 4-7-28/819; New train indicator boards at Grand Central 8-18-28/304; NYC wants to merge Big 4, Mich. Cent. & Chi. Kal. & Sag. 6-11-27/1795-1796 & merger recommended c2-2-29/323-325 & merger decision 2-16-29/411-412; Container & LCL costs compared 4-13-29/833-837; NYC in 12928 5-25-29/1209-1211; 20 hr train "Commodore Vanderbilt" 10-5-29/834; Motor truck use 10-26-29/1003-1005; Limited success with coach travel increases 6-7-30/1383-1384; 1929 performance 9-13-30/537-539; Albert Stone worked 80 years until death at 95 4-25-31/839; Patrick E. Crawley, pres. 11-14-31/751-752; Frederic E. Williamson, pres. 11-14-31/751-752; Eastern Trunk Line System maps 11-28-31/820-821, 828+ insert; Use of containers 11-25-33/751-753; "Mercury" streamlined train 7-11-36/50-62; Snow trains 5-9-36/752-755; Geo track under test 1-11-30/137-140; All coach "Pacemaker" 17 hr train to Chicago 8-5-39/223 & varied about 200 per trip 1st year 8-3-40/191; Uses Mexican track workers during the war 1-29-44/280; Woman in scrap and reclamation work 12-18-43/968-970; Gustav Metzman, pres & Frederick E. Williamson 8-19-44/303; R.R.Young denied directorship 5-22-48/1020-1021; Fred Williamson obit 10-7-44/549; LCL schedules 3-25-50/610-612 RR reduces speed limit to 75 and lengthen time of 20th C. Ltd (less track maintenance) 4-28-52/16; 50th anniversary of 20th C. Ltd 6-16-52/51-54; Wm. White pres. 7-7-52/17-18; Diesel shop 3-9-53/94-96; New sleeper reservation system 5-18-53/144-147; To explore piggy back use 1-25-54/11; C&O RR sells 800,000 shares NYC stock 3-1-54/8; Big pass. train deficit 3-1-54/10-11; Robt. R. Young battle for control 3-22-54/10-11; (Many articles in 1954 not indexed on Alleghany Corp & R.R.Young fight for N.Y.C.) Begins piggy back service 6-14-54/9; R. R. Young's report on condition of the RR 12-13-54/51; First year under R. R. Young 5-2-55/26-27; Pass. rain X 5-7-56/40-51; To sell or lease pass. sta. 9-24-56/6-7; Plans to install CTC on 2800 miles and tear up most double or 4 track ;lines 3-4-57/38-39; Flexi-van instead of piggy back 4-8-57/10-11 & 7-22-57/13; 20th C. Ltd to carry coaches 8-5-57/14; Merger talk with Pa. RR 11-11-57/13; Robt. R. Young suicide 2-3-58/28; Sells 53 stations 3-3-58/9, 10; Begins Flexi-van service(This is the first railroad freight car size container

service now used throughout the world)) 4-21-58/9 & 4-28-58/18-19, 22; & 6-16-58/30-31 extends to 14 cities 9-29-58/45; Flexi-Van service 10-13-58/34-36; RR produces movie "The Big Train" 6-23-58/15; Consolidates loco and car shops 5-11-59/52; Merger with C&O and B&O out 9-19-60/10; Mark III Flexivan 6-12-61/16-17, 31; Fight for B&O control 6-26-61/14-15, 60; B&O-C&O-NYC merger talk 7-10-61/54-55 & 7-17-61/14-18, 26-27; Efforts to eliminate LCL 9-4-61/27; Merger talk with Pa. RR 11-13-61/9, 38 & 1-22-62/10-11, 26 or 76 & 7-30-62/48-49 & hearings opened 8-27-62/9-11 & 9-3-62/62-63; Slumber coaches and their assignments 3-19-62/14-16; LCL new tariffs discourage use of LCL 9-3-62/28; Overhauls program to get and keep college graduates 2-18-63/33, 46; Flexi-Flo rail to truck transfer of pneumatically loaded materials 3-9-64/13; Flexi-van new service 11-2-64/19 & now crossing the Atlantic 11-23-64/59-60; Merger problems with Pa. RR 1-16-67/74, 79; Flexi-Van train Boston to Chicago in 25 hours, closing time 9 PM at Boston 4-10-67/23; COFC yards for containers 10-30-67/36;

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Buffalo & East: Corning NY concrete coaling sta. 3-17-10/659-660; West Shore RR's Weehawken tunnel ventilated 8-9-121/252-253; Lines in Pa. 3-7-13/422-425; 3rd & 4th tracks Albany to New York City 3-14-13/505-507; 560,000 gal. steel water tank at Lakewood, Pa. 3-19-13/604; Line relocated at Rome, NY 8-15-13/282-285; Rochester sta. 2-13-14/317-319; Utica sta and frt. yd 7-10-14/47-52; Rome, N.Y. interlocking 9-18-14/501-503; Wrest Albany 825 ton track scale 2-18-16/305-308; Proposed Buffalo Exchange St. sta. and frt. yd 12-22-16/1138-1140; Syracuse grade crossing separation proposed 4-13-17/774-776; South Byron, NY kills 23 1-17-19/211 & report 2-28-19/491-492; & report 4-18-19/1010-1011; Tonawanda NY line relocation 1-30-20/347-350; Sprague system on NYC 4-22-22/963-967; Castleman C/O begun 5-27-22/1246-1247 & progress 6-30-23/1681-1686& opened 11-29-24/993-994; Ash pit and roundhouse at Solvay (Syracuse) 7-22-22/154-159; Coal traffic 11-4-22/841-842; Request permission by P&Rdg & CNJ to give another route to NY 7-28-23/173-174; Plans another Niagara River crossing at Grand Island 9-29-23/575-577; 2oth Century Forsyth, NY wreck kills 9 12-15-23/1097-1099 & report 12-29/23/1195-1196; New Buffalo sta. plans 10-30-26/841-844; Eliminates grade crossings at Suspension Bridge, NY 4-30-27/1315-1318; Selkirk Yd 1-28-28/225-229; Selkirk Yd car retarder 3-31-28/735-737; New day all coach Buffalo - NY train 8-11-28/265-267; 4 tracking program to Albany 3-2-29/517-521; New Buffalo sta. 5-18-29/1147-1153; pix of bridge over N. Y. Barge Canal at Lockport 7-27-29/241; Fan trip of 3000 to Alco with 3000 people 4-17-32/689, 694; Syracuse grade separation project begins 4-21-34/570-574; 2 bridges adapted for motor traffic at Cornwall over St. Lawrence River 9-22-34/336-338; Syracuse project completed 10-3-36/476-478 & 10-10-36/504-513; Syracuse interlocking 12-19-36/904-906; "2nd annual "Wonder Trip" for 700 railfans Weehawken, U&D, D&H and back 9-26-36/443-444, 457; West Shore Line skier snow trains 2-2-35/209; "Lake Shore Ltd" wreck at Little Falls kills 30 4-27-40/741-743; NX interlocking at Utica replaces 146 lever tower 2-5-44/317-318; Grade crossing elimination Herkimer, NY 11-27-43/856-859; Record snow 2-3-45/? & 2-10-45/300-303, 307; Line relocation at Little Falls curve 11-22-47/904-907; For 30 hours 200 trains diverted to old West Shore line Schenectady to Utica 6-1-40/971, 974; "Pacemaker" LCL frt & box car #174479 under 11 hours with 4 switching stops NY to Buffalo 6-29-46/1265-1267; Waynesport, NY icing plant & upgrading track in Rochester area 6-4-51/44-46; Plans to single track Boston & Albany line 7-11-55/30-33; New Buffalo frt. yd planned 3-26-56/10-11 & 4-9-56/30-32; St. Lawrence Div. pass. service 6-18-56/7-8; Buffalo "Frontier Yd" 3-18-57/28-30; Wants to drop St. Lawrence Div. pass. service 4-21-58/34-35; Boston & Albany frt 2-19-62/14-17; Niagara Falls yard 9-26-66/69; Selkirk diesel shop 10-13-69/24-26;

West of Buffalo: (See also CCC&St.L, Mich. Cent. LS&MS, etc.) Ohio & Indiana floods 4-4-13/806; Must discontinue Great Lakes boat ownership 5-21-15/1046-1047; Englewood, Chicago smoke washing plant 9-24-15/558-560; Amherst, Oh. wreck 4-7-16/777-778; Cleveland frt. term. 7-19-18/117-122; Operating the Orange Ave, Cleveland, frt. house 1-14-21/187-190; Porter, Ind. wreck kills 37 3-4-21/495-497 & 3-11-21/539; Scrap handling at Cleveland 5-21-27/1491-1496; Reverse signals Englewood to La Salle St. sta, Chicago 6-4-27/1681-1684; Unfavorable report on merger of Big 4, Mich. Cent, & Chi, Kalamazoo & Saginaw 6-11-27/1795-1796; C.T.C. installed, Toledo to Berwick, Oh, 40 miles 8-20-27/325-330; Cleveland scrap yard 8-25-28/347-351; Toledo car dumpers 2-15-30/439-440 & 11-29-30/1165-1169; Stores Dept of Collinwood (Cleveland) 4-4-31/682-686; La Salle St. sta. new train shed 5-5-34/646-650 & 11-17-34/603-606; Ashtabula reclamation yard 10-23-37/555-560 & 10-30-37/606-610; New Girard Jct., Pa. button control interlocking. First NX system in U.DS. 11-20-37/716-719; 22nd St. grade separation at Chicago 3-12-38/442-445; "James Whitcomb Riley" train 6-7-41/1011-1013; Bellefontaine eng. term fire 5-13-44/889-892; Oil trains from Norris City, Ind. (75 car strain every 52 minutes) 9-18-43/446-448, 451 & 12-4-93/911; Sandusky River. new bridge 8-3-46/167-171; Englewood, Chicago, roundhouse 8-2-47/195-197; Transfer dock at Toledo 5-1-48/846-851; Dunkirk, NY grade separation 9-19-42/445-448; LCL truck service Oh, Ind, Il 7-30-49/216-217; NK entrance-exit interlocking at Fostoria, Oh 9-16-50/46-47; Toledo sta 9-30-50/41-42 & . 11-4-50/67-71; CTC 39 miles Mattoon, Il to Pana, 40 trains daily single track 4-30-51/28-29; Toledo communications for dispatching and station work 7-9-51/70-71; Substitutes trucks for LCL frt cars over 5000 route miles eliminating peddler car service 12-3-51/78-79; Toledo diesel loco shop 2-25-52/19; 3 train collision near Conneaut kills 21 4-6-53/13-14; Eliminates 2 of 4 tracks Buffalo to Cleveland 7-11-55/30-33; & 11-21-55/28-31; New frt. yards for Youngstown and Elkhart 3-26-56/10-11; Gen. Motors Co. Aero train test Chicago to Detroit 4 hrs 20 min. non stop on 90 day basis 4-23-56/12; Aerotrain test concluded. Needs to be smoother and quieter 10-15-56/11; CTC Toledo to Elkhart 133 miles 7-1-57/22-24; Elkhart Yd 90% complete pix 1-6-58/8; Robt R. Young Yd at Elkhart 3-3-58/12-13, 20-25,30-31, 34-35 ; Toledo infrared car thawing 3-4-57/32-34; Indianapolis "Big Four" Yard 10-10-60/30-31; Middletown, Oh sta 6-4-62/13; Youngstown - Ashtabula branch rebuilt 9-14-64/46; Unit train for hauling hot slabs steel Buffalo to Burns Harbor for Bethlehem Steel 5-24-65/19; Merger progress with Pa. RR 7-26-65/74, 76 & with New Haven RR 8-23-65/41; & goes to I.C.C. 10-25-65/82; Flexi-van containers versus box cars 2-14-66/11;

Locomotives-#3238 el. loco. 6-25-09/1527-1532; #2162 4-6-0 11-19-09/1000#1240 2-6-6-2 4-1-10/888-890 #3426 4-6-2 3-31-11/785-787; #1375 2-6-6-2 11-24-11/1054-1058; #3247 B-B-B-B el. loco 4-11-13/8421-842; Safety exhibit car 8-8-13/228-229; #2932 2-8-0 10-10-13/647; El. loco. #1157 B-B-B-B 11-7-13/868-869; #2500 4-8-2 12-28-17/1167-1170; El. locos 3-22-18/717-722; Booster on #3149 4-6-2 results 10-22-20/699-702; #2568 3 cyl. 4-8-2 11-3-23/821-822; El loco. 170 ton 1-17-24/223-224; #645 2-8-2 3-1-24/505-506; Shays #1896 & 1897 for Manhattan 7-19-24/108-109; El. frt. loco #1200, class R, tested 9-25-26/546 & 10-30-26/845-848; #2700 4-8-2 1-30-26/329-331; #1525 battery-oil - electric 3-3-28/525-527; #1550 D.E. 750 hp 7-21-28/98-100; #1500 D.E. pass. loco. for Putnam Div. 3-23-29/663-657; #7530 41 three power locos for West Side, Manhattan; 8-16-30/326-329; #1202 el. loco for West Side 2-14-31/369-370; #800 4-8-4 10-3-31/521; Rail detector car 1-30-32/194-196; 3 power locos for West Side 3-5-32/411-414; #5343 4-6-4 performance 9-24-32/421-425; El. frt. loco performance 10-15-32/530-532; #2726 4--8-2 with disc drivers 12-17-32/902-903; "Commodore Vanderbilt" streamlined 4-6-4 (1st streamlined steam loco in U.S. 12-22-34/825-826 & put into regular service on 20th C. Ltd Toledo to Chicago 2-23-35/315; #5400s 4-6-4 4-2-38/596-605; Gas el. loco #1207 1-5-29/111; #3027 & 3006 4-8-2 12-7-40/856-861, 864; #506 400 hp diesel 3-22-41/520-522; #3113 4-8-2 6-26-49/1250-1254; 4-8-4 9-22-45/480-484; hump yard diesel & slug #8531 2-23-46/402-403; Motive power study 8-23-47/323-327 & 8-30-47/359-364; Scoops water without slowing 7-22-44/149-151; Diesel loco F.M. Co "Consolidation" line #5006 4-29-50/820-825; Las steam commuter train to Dover, NY 9-22-52/15; Fully dieselized, #1977 32-8-2 last steamer 5-13-57/12;

Cars: steel pass. car #2023 6-22-09/1436; Diner #405 3-4-10/447; Gas. elk. car #500 & trailer #700 10-25-12/798-794; Rail unloader crane #4440 12-20-12/1215; Box car #100145 & all steel box car #91124 1-10-13/63-64; Coaches 2-21-13/326-328; Container car #59909 2-4-21/315-316; LCL containers 4-8-21/9-5-906; Container car development #337944 11-4-22/833-835; #X8006 dynamometer car 12-1`3-24/1109-1112; Automobile box car #552164 1-3-25/82 pix; Side dump car #X6665 8-13-27/303-304; Gas el. car M-14 4-14-28/866-870; gas el. car M-11? 6-23-28/1490D26; Box car S94499 1-4-30/91; Combination car #201 1-4-30/95; Comb. car S348638 6-20-30/1454D112; All roomette sleeper added to 20th C. Ltd on test 9-4-37/317; Modernizes pass. cars 9-18-37/375-378; New cars for 20th C. 6-18-38/1000-1014; Heating trailer cars for electrified zone car #H-5 5-14-32/821-824; Fluorescent lights tested 10-15-38/561-562 & coach #2562 4-13-40/666; "Falls" sleeper lounge cars 5-18-40/859-860; 45 coaches 11-1-41/697-699; Clearance car 5-29-43/1080-1082, 1091; Coaches #2670 11-7-42/729-732; coach-baggage car 4-26-47/853-856; Bag. car #2029 equipped for el. power plant 7-5-47/54; "Pacemaker" cars & obs. car #56 2-1-41/246-248; "20th Century" reequipped 10-16-48/710-717 & 9-18-48/552-553; "Empire State Express reequipped 12-20-41/1027-1037, 1039; M.U. cars 8-5-50/47-49; Depressed center flat car pix #499088 4-14-52/18; RDC cars used on Michigan Central 8-29-55/35-40; Slumber coaches from converted roomette cars 4-24-61/10; slumber coach service 5-15-61/49; sleeper pix "Tarrytown Harbor" 3-19-62/14-16; 125 ton Flexi-Flo covered hoppers 9-14-64/40-41; Converts main line coaches to commuter cars #1722 4-4-56/22, 35; Jet propelled RDC #M497 184 mph 8-1-66/11; Flexi flat car #890000 8-8-66/29; grain covered hopper 12-11-67/41; Flexi-Flo cars 7-31-67/38-41; Gond #753035 for steel coils 2-26-68/36-37;

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Nezperce & Idaho: 2H-08/many; 1H-10/114?; 2H-10/60; 2H-12/1063; 2H-13/806; 2H-14/1207;

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Niagara Junction Ry: 7 new el. locos 3-30-53/15;

Niagara River & Eastern: 2H-14/717, 818, 924;

Niagara Saint Catharines & Toronto (El): Welland canal swing bridge 1-14-10/123; News: 2H-09/1037; 1H-10/547?; 2H-10/1023; 1H-13/39; 2H-13/1048; 1H-14/704;

Nicholas Fayette & Greenbrier: 1H-28/655; 1H-29/557, 932;

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Nooksack Valley Tr: 2H-09/991; 2H-10/1167; 1H-11/925;

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ICC wouldn't allow 12-15-69/23-27; CBQ-GN-NP-SPS merger approved by courts 2-2-70/38-39, 46; Future 2-23-70/29-30; Car scheduling by computer 8-28-78/20-24;
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Annual reports: 12-4-08/468-469 & 511-516; 10-29-09/794-795 10-28-10/773-775; 11-10-11/942-943; 11-22-12/978-979; 2-6-14/258-259;3-19-15/611-613; 2-11-16/232-233; 12-1-16/981-982; 9-6-18/421-422; 7-16-21/99-100; 1922 report/see Vol's index; 8-25-23/349-357; 5-15-26/1349-1352; 5-14-27/1480-1483; 6-23-28/1463a-1463b; 4-20-29/933-936; 5-31-30/1348-1351; 5-9-31/945-948;
News: 2H-08 to 1H-12/many each year; 2H-12/453, 1014, 1063; 1H-13/many; 2H-13/211; 1H--14/296, 1011, 1257; 2H-14/many; 1H-15/648, 1460; 1H-16/1113; 2H-16/many; 1H-17/473, 808; 2H-17/many; 1H-19/422; 2H-19/183, 337, 539; 2H-20/418, 1044; 1H-21/737; 2H-21/804; 1H-22/many; 2H-22/725?; 1H-23/many; 2H-23/1137, 1225; 1H-24/264, 308, 1341; 2H-24 -2H-27 /many each year; 1H-28/655, 1310; 2H-28/many; 1H-29/686, 868, 1229; 2H-29/many; 1H-30/411, 619; 2H-30/many;

Northern Pacific Terminal Co: Portland sta. area 4-7-23/901-904; News: 1H-22/1146;
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Northwestern RR (Ore): 2H-09/828; 1H-10/347?, 1181?;
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Northwestern Electric: 1H-14/102;
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Northwestern Pacific: 103 mile extension 4-10-14/831-835; 3rd rail electrification 9-17-21/531-532; New ferries 8-20-27/343-344; Hertz drive-ur-self service 4-7-28/811-812; Slide damage 4-14-58/20; 125 mile washout 1-4-65/11-12; Reopen line 6-28-65/54-55, 60; 100 miles in Eel River Canyon rebuilt 6-14-65/11-12; Dec. flood 2-8-65/28-29; News: 2H-08/1419, 1501; 1H-09/1329; 2H-09/many; 1H-10/1813; 2H-10/941; 2H-11/159, 1189; 1H-12/321, 1589; 1H-14/1607; 2H-14/1207; 2H-15/715; 2H-16/173; 1H-21/391; 2H-28/910;
Northwestern Pennsylvania (El):2H-13/1-48; 1H-16/773, 1205; 2H-16/1017;
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Norwood & St. Lawrence: 2H-08/1609; 2H-09/340;
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Nueces River Valley: 1H-10/161?, 850?, 1568; 2H-10/many; 1H-11/183;
Nueces Valley Rio Grande & Gulf: 1H-23/1297; 2H-13/637, 727; 1H-14/346;
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Oakland & Antioch (El): 1H-10/209?; 2H-10/373; 1H-11/479; 2H-11/many;
Oakland Antioch & Eastern Ry: (El): Loco. #105 3-6-14/465-467; Car ferry 8-25-16/322-323; News: 1H-11/925: 2H-13/479; El. loco. #103? 6-20-12/1528; 2H-16/1017;
Oberlin Hampton & Eastern: 2H-10/813; 2H-12/1163;
Ocean City & Fenwick Island (El): 1H-17/676;
Ocean Shore (El): 2H-08/many; 1H09/481; 2H-09/1108, 1260; 2H-10/1097; 2H-11/1189; 2H-16/1162; 2H-20/773, 817;
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Ocilla Pinebloom & Valdosta: 2H-15/143;
Ocilla Southern: News: 2H-08/1374, 1560; 2H-09/478; 1H-11/1016; 2H-11/1189; 1H-12/701, 1078; 1H-13/411, 529; 2H-13/1004; 1H-15/many; 2H-15/923; 1H-16/1059;
Ocklawaha Valley: 2H-16/133;
Ocmulgee Southern: 1H-15/720, 955; 2H-15/828;
Oconee & Deepstep: 2H-30/135;
Ogden Lewiston & Northern (El): 1H-13/1115; 1H-14/1171;
Ogden Logan & Idaho (El): 2H-14/227; 1H-15/427; 2H-15/828; 2H-16/434;
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Ogden Union Depot: 2H-20/549; 2H-27/357;
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Ohio River & Northern: 1H-10/380; 2H-12/599, 655;
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Oklahoma & Northwestern: 2H-11/493, 576, 1300;
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Oklahoma City Junction: 2H-09/35, 79;
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Oklahoma New Mexico & Pacific: News: 2H-08/1227; 2H-12/775; 1H-13/373, 1206; 2H-13/313, 844; 1H-14/210, 767, 927; 2H-14/147;
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Oklahoma Southwestern: 1H-20/395, 1433; 2H-20/1088; 1H-21/864; 1H-22/762, 1197; 2H-24/723; 2H-29/1406;
Oklahoma Union Tr.: 1H-09/961; 2H-15/487, 585;1H-17/657; 2H-23/989; 1H-24/308;
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Omaha Sioux City & Northern: 1H-11/1675; 2H-11/1189;
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Oregon California & Eastern: New line authorized to Lakeview, Or 5-21-27/1520-1522; News: 2H-15/779, 923; 2H-18/320; 1H-19/871; 2H-19/490; 2H-22/589, 1167; 1H-25/905; 2H-905; 1H-27/1418?, 1646?; 1H-28/1360;
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Oregon Electric: Described 9-4-14/423-427; Loco. #22 2-22-18/Adv. page 35 (389); News: 2H-08/1560; 1H-09/1008; 2H-09/895, 1038, 1168; 1H-10/12xx; 1H-11/258, 711, 1187; 2H-11/many; 1H-11/824;2H-12/329, 1014; 1H-13/1053; 2H-13/1208; 1H-17/918; 2H-28/640; 1H-30/789, 1092, 1158;
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Oregon Ry. & Nav. Co.: #440 2-8-21-27-11/167-169; Battery car #526 3-21-11/552-553; News: 2H-08- to 2H-12/many; each year; 1H-13/1115;
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Penhorn Creek RR: 2H-08/1609; 2H-09/1108;
Peninsular RR: 2H-08/1609?; 1H-10/1236;
Penn Central RR: Pearlman Classification Yd at Selkirk, NY 9-30-68/25; New M.U. cars for N.J. 10-7-68/20-21, 25; Report after 1st year 4-14-69/12; Metroliner 6-2-69/18-19 & 8-4-69/19; Waynesburg Southern Ry new line in Westmoreland County 1-15-68/11-13, 25 & coal train 8-25-69/50; Sharonville Yd at Cinc. 10-20-69/32-33; Metroliner success 12-15-69/30-31; Intermodal Chicago 55th St. term 5-11-70/30-31; Crisis - Chairman Saunders fired and Vice Chairman Perlman leaving 6-29-70/11-12; Wm. H. Moore, pres. 8-31-70/11; Failures 1-25-71/75; Future looks good (Ha!) 3-29-71/28-34; New customers and things going great 8-30-721/26-27; Future 2-28-72/11; Labor problems 4-24-72/11; Files reorganization plan (bankrupt) 4-24-72/16; June 1972 storm damage in Pa. & NY 8-14-72/26-30; Turbo train on N. Y. - Boston run by United Aircraft Co. 8-14-72/21; To reduce 15,000 mile system to 11,000 miles 10-9-72/19; rail crisis 11-13-72/10; Restoring bridge at Shocks Mills over Susquehanna River 12-11-72/28-31; Finally reopens Sunbury - Wilkes Barre line following 6-23-72 flood. 1 frt/day each way. PC had wanted abandonment 9-10-73/16; After 3 years in bankruptcy 9-10-73/18; Shippers rate the RR 10-29-73/36-37, 60; Bad track 12-10-73/13; Gond. car #597953 4-29-74/23; "20 Year Death March" 11-10-73/54; Track improvements $4.6B over 8 years, 1975-1982 2-10-75/22-24; To abandon 5000 miles in 390 segments 12-29-75/18; Dismal finances 1-12-76/16; Electrification to Boston approved by DOT $115M 8-8-77/10-11;
Pennsylvania RR: (See also Philadelphia Baltimore & Washington RR; Pittsburgh Fort Wayne & Chicago RR, Pittsburgh Cincinnati & St. Louis RR; Pittsburgh Cincinnati Chicago & St. Louis RR, Vandalia RR, West Jersey & Sea Shore RR) James McCrea, pres. 11-22-12/992; Samuel Rea, pres. 11-12-12/993-994 & retired 9-26-25/563-566 & obit 3-30-29/739-740; W. W. Atterbury, new president 10-3-25/625-627 & resigns 4-27-35/651-652 & obit 9-28-35/393-394; Martin W. Clement pres 4-27-35/651-652; Walter S. Franklin, pres & Martin W. Clement retires 6-11-49/1168-1169; James Symes, pres 6-14-54/63-66; ;
Miscellaneous: Portable tie creosoting plant 9-5-19/453-455; 110' turntable 6-13-19/1415-1417; RR divided into 4v regions 2-20-20/547-548; Speed limit sign post 8-30-12/385; Must discontinue ownership Great Lakes boat lines 5-21-15/1046-1047; Employee athletic track meets 2-16-17/257-261; Using trucks for local frt. service 9-25-26/595-598; Delivering Lindburgh movies by fast train Wash. to N.Y.C. 7-23-27/146; Improve efficiency 8-11-28/259-261; Commissary Dept. and dining cars 2-2-29/319-321; Contain and LCL operating costs compare 4-13-29/833-837; 20 hour N.Y.-Chi. "Golden Arrow" train christened 10-5-29/834; Prosperity 12-7-29/1327-13229; Completes NY-Chi. laying 130# rail begun in 1916 3-15-30/658; Adopts 152# rail to allow 100,000# axle load at 100 mph. 130# rail for 80,000# axle load at 80 mph. 4-18-31/783 & 8-8-31/205-206; Proposed Eastern Trunk Line System maps 11-28-31/820-821, 828 + insert; Store door delivery 10-27-34/517-518; Operates 33400 daily pass. trains 99% on time for first nine months of 1934 11-10-34/591; Containers for LCL & Enola transfer 1-18-36/143-145; Snow skier trains 5-9-36/752-755; LCL trains & trucks 10-24-36/597-9021; Personally conducted rail tours 12-29-28/1309-1312; Inaugurates all coach "Trail Blazer" 8-5-39/224-225; Pittsburgh-N.Y. City. LCL frts LCL #1 & #2 7-8-Radio telephone between trains & trains and towers tested 2-12-44/352-355 & 10-28-44/652-655; Dragging equipment detector (first RR having it?) 9-1-45/368-369; 39/7-0-72; 100 years old 4-13-46/756-764; Teletypewriter service network for entire RR 7-6-46/14; Carry phone for car inspectors & yard crews (predecessor of present radios) 11-9-46/764-766; Chicago to N.Y. fast frt.. 7-26-47/168; Radios used on 1025 miles of track & 300 line miles 9-27-47/516-520; Effort to cut dining car losses 2-19-51/26-28; Use of college engineers 6-23-52/76-77; New sleeper reservation system 5-18-53/144-147; Initiate Truc Train piggy back for motor carriers 3-7-55/7-8; Orders long slung tubular pass. train 3-28-55/6-7 & 6-18-56/36-40, 58; Abolishes divisions and makes nine regions 10-10-55/46-52; Extend Truc Train to other RRs interchange at St./ Louis 6-18-56/11; Discontinues coast to coast sleepers 9-16-57/13; Use of computers 2-17-58/22; Dining car operation 2-9-59/26-27; "Broadway Ltd" 1-4-60/20-22; Flashing markers on cabooses 8-29-60/42, 47; Strike ended 9-19-60/9, 71; Snow blower for classification yds 4-23-62/49; ICC says that Pa. RR is actively trying to kill pass. service 3-1-65/13; Advertising "Broadway Ltd" 2-7-66/20-21; Testing 3 automatic car identification (ACI) systems 1-23-67/18-19, 22-23;
Signals: Beam signals (uncolored) replace semaphores Phila. to Paoli 2-26-15/366 & 3-5-15/404; Position light signals being extended 7-26-18/179-182; New position light signals 9-17-21/538-539; Auto. block signals Enola to West Morrisville, 132 miles 9-3-32/336-338; To install cab signals 4-28-28/971-974; Cab signals on 2843 miles of track 8-9-30/277-279; Allowed to discontinue auto. train control if there is cab signals 12-31-32/982-983; Coded track circuit signaling 8-17-35/210-212;

Merger: Merger with NYC 11-11-57/13 thinking; Talks 11-13-61/9, 38 & 1-22-62/10-11, 76 & 7-30-62/48-49 & Hearing opens 8-27-62/9-11 & 9-3-62/62-63 & 4-5-65/15-19 & 7-26-65/74, 76 & 8-23-65/41; ICC to review 10-25-65/82; problems 1-16-67/74, 79; a good thing (Ha! Was a disaster) 1-22-68/132 & 2-5-68/24-25;

Lines west of Pittsburgh: New Bascule bridge at 31st St. Chicago 3-15-10/565-567; Cleveland ore dock 2-23-12/335-340; Ohio & Indiana flood 4-4-13/806; Sandusky coal dock 12-25-14/1189-1191; Cleveland improvements 9-4-14/438-442; Piqua, Oh improvements 5-14-15/1003-1006; Indianapolis hump yard 10-26-17/735-738; Indianapolis frt. house 7-13-17/69-72; Chicago frt. house 8-2-18/215-219; New Indianapolis line from Frankfort, Ind. to Ben Davis 1-25-18/195-198; Logansport loco. shop 10-31-19/863-869; Louisville Ohio River bridge rebuilt 1-24-19/238-243; Entrance into Detroit 6-24-22/1717-1718; Detroit frt. sta. 4-5-24/875-879; Uses motor trucks for frt. service to replace peddler train 2-2-24/319-321; Sandusky car dumper 11-7-25/839-843; Cleveland grade separation 3-21-25/781-784; Conway scrap yard 1-9-26/171; New Canton - Bayard, Oh 15 mile C/O 7-31-26/185-189; Airplane service, TAT-Pa RR at Port Columbus, Oh sta. pix 8-3-29/358; CTC Ben Davis, Ind to Ameda 1-24-31/230-231; CTC at Cinc. to new union sta. 7-8-33/92-93; Elevates 1.5 miles at Englewood, Chicago of Englewood Connecting Ry, 58th St. 12-6-33/843-846; Relines Stone Creek Tunnel on Marietta, Oh. branch 8-15-36/243-245; Muskingum Valley flood control line relocations 12-28-35/851-853 & 9-5-36/345-350; New Crestline hump yard 210-20-28/773-775; 4 track concrete viaduct at Columbus 9-12-31/391-394; Glass bricks in Columbus & Logansport roundhouses 9-3-38/343-344; Sandusky coal dumper 4-6-40/624-629; CTCX Limedale, Ind. & West Carey, Il 2-1-41/241-245; "South Wind" train Chicago to Miami 12-21`-40/930-931, 940; success 3-22-41/541; CTC Richmond, Ind to Cinc., 61 miles 9-26-42/484-486; Additional double tracking & CTC St. Louis to Columbus, 420 miles 2-19-44/388-390 & 2-26-44/425-427; Akron sta 11-27-48/1029 pix ;Dining car commissary at Chicago 1-1-49/34-37; Youngstown, Oh. sta 10-29-49/750-753; Runs 29 trains to Elwood, Ind on single track line for Wilkie political rally 8-24-40/279-280; Bypasses 2 tunnel near Fairplay, Oh 12-2-50/46-49; Petosky sta c. 1900 pix 12-17-51/67; Coal washing plant at Georgetown, Oh 3-31-52/33-35; Columbus-Madison, Ind branch and 5.9% grade 12-28-53/13; Washed out trestle over Little Raccoon Creek, Waveland, Ind 10-21-57/11; Chicago Truc Train Yd 6-143-60/42-43; Sell Columbus to Sandusky line to N&W Ry 4-22-63/22-23; Columbus, Oh. Grandview Yd 3-1-65/26-27; Chicago 59th St. Yd 9-27-65/28, 32 & 2-13-67/30; Coal dumper at Ashtabula 9-11-67/22-23;

Lines west of Harrisburg in Pennsylvania & up-state New York: Renovo boiler shop 11-4-10/871-872; Northumberland frt. yard 3-17-11/491-494; Sunbury crossing of Rdg. RR pix 3-24-11/772; Structures at the Northumberland yard - roundhouse, coal dock, power plant 3-24-11/682-688; Interlocking at South West Jct., Greensburg 10-6-11/634-635; Altoona foundry 12-3-09/1052-1062+insert; Track work near Petersburg, Pa. 5-17-12/1118-1119; Train traffic & tonnage on Bald Eagle br., Tyrone to Lock Haven 12-13-12/1124; Track elevation at Wilkensburg, Pa. 10-8-15/654-658; Pittsburgh north side frt/ sta. 8-6-15/245-246; Altoona test shop 7-2-15/6-11; Kiskiminetas Jct. Allegheny River bridge 11-24-16/939-941; Ohio Connecting RR bridge at Pitts. 2-18-16/311-314; Johnstown track elevation & station 5-11-17/1013-1017; Earth slide at Pittsburgh 12-10-20/1029-1030 & 12-17-20/1053-1056; Moving 6700 cars daily over Allegheniies and 12,000 loads daily Pittsburgh to Altoona including 5500 cars coal and coke daily and 2-10-0 locos. (The frt. traffic described in this article makes Conrail's operation over the same line today look like a branch line in amount of traffic.) 5-5-23/1089-1093; Sharpsburg yard and eng. term. 8-9-24/229-233; Pittsburgh track grade separation 7-5-24/7-11; Pitcairn and Enola car shops 5-3-24/1085-1088; Juniata shops rebuilt 11-21-25/935-939; Tipton dam reservoir near Altoona 4-18-25/985-986l ; Proposed bus charters in Pa. 2-27-26/541-542; New Brighton new 3 1/2 mile line 9-11-26/451-454; Pitcairn hump yard 6-28-30/1584-1586; Vandergrift, Pa. sta. remodeled 11-8-30/990; Remote control of 4 tracks main line near Swissvale, Pa. 4-17-32/683-684; Floods Pitts. area and Johnstown 3-28-36/524-533; Altoona rail fan trip of 4 trains and 1758 people 5-22-37/885, 892; CTC Huntley to Sterling Run, Pa. (Buffalo line) 1-8-38/122-123; Altoona yard & eng. term locos and cars handled daily (6000 cars & 240 locos 10-12-29/853-855; Oil City roundhouse uses glass blocks 10-12-40/512-515; 1250 coaling sta at 28th St., Pitts 5-17-41/840-843; CTC 53 miles Brady to Oil City 9-16-44/444-446; CTC Tyrone to Lock Haven 53 miles 4-26-47/845-847; Dismantling Pitts. train shed 11-15-47/875 pix & 12-13-47/1020-1023; 17 mile line relocation along Conemaugh River Avonmore to Social Hall 5-28-49/1074-1079; Lakeview, NY viaduct replaced by fill 2-6-43/316-318, 322; Pittsburgh warehouse at 14th St 11-5-5`1/70-73; Waynesboro, Pa. frt. sta. & agent's duties 5-5-52/65-66; 100th anniversary Horseshoe Curve flash exposure photo 11-1-54/14; Hollidaysburg Samuel Rea car shop 10-31-55/29-33 & 1-9-61/189-19; Conway Yd, north of Pitts. 1-23-56/38-42; To discontinue Pittsburgh commuter trains 7-6-64/12; To convert 148 acres of Pittsburgh yards to development, "Penn Park" 5-30-66/43; Radebaugh, Pa tunnel daylighted near Greensburg to increase clearances 3-22-65/14-15; 30,146 ton iron ore train of 300 cars moved by 8 locos West Morrisville to Pittsburgh. Cut into 3 sections over the Allegheny 11-7-66/30; High speed trains Phila to Pittsburgh pushed 5-1-67/18-20;

Electrification: Extension into N.Y. 10-22-09/759-764; Phila. electrification 6-5-14/1243-1245 & 11-12-15/889-894; Chestnut Hill electrification 5-10-18/1177-1181; Fort Washington branch electrification 5-3-24/1080; To electrify 325 route miles, 1300 track milers 11-3-28/570; Electrification progress 10-11-30/734-737, 762 & 4-30-32/727-728 & 2-18-33/268-302; test run Wash. to Phil with GGI #4800 2-2-35/196-197; Completes electrification of all pass. trains NY-Wash 4-13-35/584; First el. pass. train to Harrisburg 1-22-38/211-212; Harrisburg electrification 2-19-38/332-338; George Gibbs, responsible for all electrification's obit 6-1-40/996; Results of el. op. 8-9-41/230-235; Electric operations during the war 4-8-44/685-687; More electrification in 10 years 1-3-55/20-22; Electrifies to Long Branch, NJ & elevates 6-20-55/15;

Lines Philadelphia to Harrisburg and east in Pennsylvania: Schuylkill River bridge rebuilt for 5 tracks 12-19-13/1173-1176; Lines in Pa. 3-7-13/422-425; Raising track at North Phila. 8-21-14/348-350; Phila. grain elevator 7-3-14/19-22; Phila. & North Phila. improvements 4-3-14/789-791; Widening Schuylkill River bridge 12-19-13/?? see magazine & 1-23-14/178; North Phila. interlocking 1-22-15/136-138; Phoenixville bridge 6-16-16/1321-1322; Cumberland Valley new Susquehanna River bridge at Harrisburg 3-17-216/501-503; Manayunk Schuylkill River bridge 4-27-17/883-884; Broad St., Sta, Phila. fire & restoration 6-16-23/1459-1461 & 6-30-23/1704-1706; Phila. 30th St. sta. planned 2-5-27/411-415; Use of trucks at Phila. 2-25-28/485-490; Line relocation Columbia to Port Deposit because of dam 5-26-28/1193-1196; Phila. produce term. 1-12-29/137-143; Phila, improvement project 8-30-30/449-450; West Phila. suburban sta. opened 11-15-30/1032-1035; New 30th St. sta Phila. and electrification 6-6-31/1103-1107, 1114; Livestock bldg at Phila. 7-16-32/84-88; New Phila. suburban sta, 30th St. 2-18-33/271-272; Phila improvements nearly completed 7-28-34/92-110; Interlocking towers on Trenton-Harrisburg line 11-12-38/703-706; Harrisburg eng. term. 12-10-38/836-841; Harrisburg hump yard retarders 7-22-39/146-149; Harrisburg train shed raised for electrification 10-21-39/615-618; Broad St., , Phila. fire 9-18-43/452-455; Harrisburg diesel shop 1-15-49/178-183; Rdg & Pa. haul 38,000 Boy Scouts to Valley Forge Jamboree 7-15-50/48-49; Morrisvlle Yd, Pa. enlarged for U. S. Steel new mill 11-12-51/61-62; Discontinues Broad St. Sta., Phila 4-28-52/17 & Chinese Wall 5-5-52/92-94; Greenwich Point, Phila. ore pier pix 6-2-52/76 & 3-15-54/45-47 & 8-23-54/9 pix; New Delaware River bridge at Martins Creek for Pa. Pr. & Lt. Co power house 6-9-52/72 & 7-28-52/48; Increase trains on Paoli line 50% 6-29-53/13-14; New Morrisville eng. term replaces East Trenton 10-29-56/12; Reclaiming ballast from removed line Lancaster to Parkesburg 10-8-56/22-23; Increase service to Chestnut Hill 9-29-58/14 & 11-3-58/9; New lift bridge at Delair, Phila. r over Del. River 7-21-58/18-19, 33 & 3-28-60/78-79;

Lines in New Jersey & N.Y. City: Proposed Newark sta. 6-17-10/1557; Final inspection of North River tunnels 7-16-09/114; Tunnel extension 12-10-09/1150-1151+insert & 12-17-09/1189-1192 & 12-24-091238-1241 & 1-7-10/19-23; Penn Sta. 4-15-10/998-1001; Snow storm tie-up in NJ 3-27-14/745-748; Trenton interlocking 9-3-15/419-420; Camden grade crossing elimination 7-14-16/69-72; South Amboy coal thawing plant 3-29-18/805-806; Snow problems 3-1-18/447-449; Handling Princeton football specials (article by John Barriger) 12-1-232/1009-1011. Long Island City express terminal 8-13-27/285-290; Enlarges N. Y. produce term. 4-7-28/801-804; Handling of 700 trains per dat at Penn Sta. 9-21-29/671-674; New Hackensack River bridge 8-1-31/164-168; Jersey City Harborside term. 10-24-31/629-633; N.y. marine operations 3-7-31/505-506 & 3-21-36/496-498; South Jersey lines recommended to be merged with Rdg., RR 1-16-32/139-140 & 11-5-32/654 (See Pa.-Rdg Seashore Lines); Trucking in N.Y.City from RR yards in N.J. instead of lighters for carload freight 9-24-32/443-444; All NY-Phila. trains to have 50 & 75¢ counter meals 3-18-33/403; Opens Newark sta. 3-30-35/485-492; Newark 3 track lift bridge 4-6-35/525-528, 541; Mail business at N.Y. C. - 150,000 inbound and outbound sacks per day 2-29-36/351-356; Opens Newark Stand closes Manhattan Transfer 6-26-37/1044-1050; Removed 222' truss bridge at Newark over 4 track main line in 12 hours 1-15-38/152-156; 6 track Passaic River Newark bridge 2-26-38/376-381; Trenton Sta., modernized 6-4-38/938-941, 950; Rolling new bridge in place on NY-Phila main line without interrupting traffic 12-31-38/947-950; New Camden Sta 2-16-53/47-49; Matawan fill 8-10-53/16; Tug boat "Newark" pix 1-14-50/149; Fire on Hackensack River bridge 7-23-51/54; Tug boat "Chicago" & "Phila." 5-2-55/17 pix; Tearing down Penn Sta. and put up an office bldg 6-13-55/65; Truc-Train Kearney, NJ term, 29 hors N.Y. to Chicago with 50 mph max. speed 7-25-55/49-52; tug boat "Buffalo" 2-27-56/11; Rubber tired Switchmobile for Jersey City 3-5-56/54; Penn sta. reservation counters 9-17-56/24-25 & 5-20-57/63; Advertisement for N. Y. World's Fair 7-19-65/26; TOFC handling 400 trailers daily at Kearney (200 each way) 8-23-65/18-21; Penn Sta. being torn down 11-29-65/47-48; Raritan River bridge hit by ship[7-11-66/20-21

Northeast Corridor train operation: 30 car mail trains Wash. to N.Y. 8-21-61/12; High speed rail car tests 7-18-66/20D; Getting ready for 125 mph trains 8-8-66/26-28 & 6-12-67/15-19, 28; Compares ave. speed N.E. corridor versus Japan Tokaido line 101 vs 77 mph 8-28-67/57; Metroliner 12-4-67/23-27, 51-53; Metroliner problems 4-1-67/32-33; High speed N.Y-Boston or N. Y. Wash. in 2 hours using turbo trains 5-20-68/24-31;

Lines in Maryland & Delaware: Wilmington, Del sta 7-24-08/589-590; Baltimore proposed sta. 11-12-09/928-929 & 4-8-10/947-949; Baltimore sta. train shed 1-13-11/76-79; Baltimore sta. 4-26-12/964-966; Baltimore export pier 5-25-17/1089-1092; Baltimore grain elevator 7-2-20/8-13; Maryland Div. towers changed from letters to names because telephone replacing telegraph 11-1-24/786-787; Gwynn's Falls arch bridge at Baltimore 12-4-14/1037-1040; Handles largest shipment ever 14'8" dia x 83' long & 145 tons Chester to Marcus Hook 1-13-34/52; New Baltimore marine terminal 12-22-34/820-823; Double track tunnel at Balt. 4-13-35/572-577; Completes many Balt. improvements 5-4-35/686-690; Replaces Potomac River bridge at Wash. 1-20-45/187-190; Peddler frts for LCL replaced by trucks on Delmarva Peninsula 7-27-40/153-154; New 6 mile branch to power company from Hughesville, Md to Patuxent River 4-22-63/14-15; Eliminate Baltimore tunnel piggy back tunnel problem 9-28-59/35;

Bus Operations: First bus, #1, on Chambersburg to Piney Mtn. Inn 10-23-26/817; Greyhound purchases controlling interest of Pa. RR's bus subsidiary; Pa. RR bus operations 8-24-29/512-513 & 3-28-31/633-635 & 10-21-33/564-568; Sells its Pa-Rdg Sea Shore motor lines to Public Service 7-21-34/80-81;

Locomotives: #967 2-8-0 H8b 7-2-09/9-14; DD1 el. loco 11-5-09/881-884 & 3-3-11/439; 4-6-2 performance west of Pittsburgh 3-10-11/462-463; E6 4-4-2 4-7-11/854-860; 2-8-8-2 simple articulate experiment 3-1-12/377-378; 2-8-2 & 4-6-2 7-3-14/12-16; E-6 4-4-2 2-20-14/356-359; Big el. frt. loco 2-6-6-2 11-23-17/934-936; testing el. frt. loco 10-5-17/606-607; I-1 2-10-0 6-15-17/1241-1243; New el. loco. 2-6-6-2 6-8-17/1199-1201; E6 4-4-2 3-23-17/635-640; 2-10-2 N-1 1-24-19/249-251; 2-8-8-0 simple articulated 6-23-19/675-681; 2-10-0 3500 hp 4-2-20/1097-1103; G5 4-6-0 11-10-23/859-860; L5 el. loco. #3930 6-12-24/1433-1435, 3 experimental el. locos 1-26-24/295-296; C-1 0-8-0 7-25-25/195-197; #3928 L-5 el. loco. 3-6-26/591-592; 4-8-2 11-20-26/989-992; Keystone number plate being applied 5-21-27/1528; 4 wheel diesel el. switcher 6-18-27/1939-1941; #1038 4-4-0 old photo 5-26-28/1211; Test booster on 2-8-2 #1388? 9-29-28/603-606; El. loco #7850, class O-1 8-16-30/338; El. loco P5 4-6-4, L6 #7825 O-1 #7850 4-4-4 5-21-32/869-873; First? el. loco. Juniata 1906 pix 7-20-35/96; #5371 K4 with roller bearing rods 11-2-35/566-569; GG1 2-15-36/278-282; Streamlines K4 3768 3-7-36/391-392; Development of el. traction 7-6-29/4-8; P5a pass. loco & frt locos 2-18-33/273-276; #6556? 0-8-0 with limited cut off 5-25-29/1197-1200; #6100 6-4-4-6 S1 6500 hp (1200 ton train at 100 mph) 6-24-39/1067-1075, 1079; Evolution of its electric turbine 9-23-39/440-443, 446; #5399 K$ with poppet valves 3-1-41/375-379, 388 & 3-8-41/405-410 T1 4-4-4-4 6500 hp 5-26-41/925-929 & 12-12-42/956-962; Geared steam turbine 6900 hp 6-8-6 2-17-45/337-340, 349; Q2 4-4-6-4 frt loco 122-22-45/1014-1016; Fairbanks Morse 6000 hp diesel 5-8-48/890-895; Designs geared turbine loco (not built) which looked like the later C&O locos 3-24-45/561-562; #5671 2500hp transfer 6-10-50/1127-1129; Rectifier el. loco 3-25-50/589-591; A.C. el. loco #4941 1-28-52/36-40; Ignitron loco #4936 2-11-52/63-67 & 6-30-52/66-69; Rubber tired "Switchmobile" for Baltimore replaces 1917 model 8-4-58/33; El. loco #4400 11-7-60/18; Silicon rectifier loco #4460 & MU cars 43-12-65/18-19;

Pass. cars: Rapid transit cars for service to lower N.Y. car #1901 8-11-11/280-282; steel pass. car #1722, combine #4848 & baggage #5623 6-22-09 1436, 1440; Gas. rail car #4965 by Fairbanks Morse for Smyrna Br. 10-19-09/998; first all steel pass. car train 2-18-10/367; First steel Pullman car "Jamestown" 4-29-10/1084-1086; Steel RPO #3765? 6-20-11/1574; Reefer car #2500 & experimental express car #2550 2-2-17/179-180; Express & baggage car #10001 6-20-19/1609-1611; Dining cars #4489 (?) 11-11-22/889-891; Combination car #4745 8-25-23/353; MU car with alum. bodies #620 8-10-29/373-374; Gas el. car #4643 & 4637 6-25-28/1490D26; Oil el. car #4663 6-15-29/1372-1376; Gas el. car 4663 11-22-30/1119; Motor car #483 2-17-34/259-262? New cars for Broadway 6-18-38/1000-1014; M.U. cars 2-18-33/277-278; Modernize some P70 coaches 9-12-36/367-369; Diners #4502, 4514 9-30-39/469-485; 44 seat coach #4089 2-21-48/384-389; New cars for "Broadway" 3-19-49/604; M.U. cars 4-30-51/22-24; M.U. Pioneer III cars 1-21-57/11 & 6-30-58/18-19, 22; M.U. cars for Phila. 5-6-63/34-37 & 9-2-63/24-25; M.U. cars 8-7-67/18-19; New cars for "Congressional Ltd" and "The Senator" 3-`17-52/76-89;

Frt. Cars: Std. box and reefer cars 10-4-12/632-638; Automobile car #500860 class X-24 6-18-13/1492; Steel box car #29001 8-14-14/295-299; Well type flat car #435475 6-23-16/1537; 85 ton hopper car #180002 3-19-17/391-393; 105 ton hopper #173001 & 110 ton gondola #306001 6-18-19/1461-1466; Box cart #569091 & stock car @128709 & automobile box car #28100 6-17-24/1661-1663; Penna Tank Car Line P.T.X #4000 1-2-20/128 pix; 70 ton hopper with Timken brgs #197484 6-20-30/1454D111; 65' gond. #439048 12-27-30/1371; Box car #100800 1-28-33/98; Automobile box car #60556 3-31-34/462-464 & flat car ; Scrapping 32,000 frt. cars 12-19-36/911-915 & 2-6-37/254-258; Container gond. #353208 & containers for 8 tons pix 11-23-46/879; Automobile box car #84666 pix 3-22-47/593; Box car 60' double door #2548 3-26-51/55; Depressed center flat #470236 10-1-50/107; Keystone LCL box car #37007 2-25-50/387-391; Well car 250 ton with 4 8 wheel ex tender trucks 6-16-52/55-56; 250 ton flat car #470200 9-7-53/11; New paint lettering design 12-27-54/11 pix; Truc Train piggy back car #410401? 5-23-55/31-32; Gond car for coil steel #377266 10-17-55/39; Auto rack cars converted to cattle car #135395 9-7-59/13; Ore cars 3-21-60/20-21; Box car #110175 16'10" high 12-7-64/27-28; Gond. car #387009 for steel coils 8-30-65/48-50; Box car pix #90066 9-20-65/17; Tank car #500001 38,000 gal., 150 ton 2-14-66/26-27;

Non revenue cars: Clearance car #495601 3-31-11/795-796; Double ended el. wrecking crane 3-26-12/603-604; M. of W. work & office car #100115 6-20-13/1578; Std. caboose #486751 10-16-14/691-694; Rail test car #2319 9-7-17/413-415; Vacuum cleaner car for ballast #495533(?) 12-26-25/1195-1196; Insp. car #492575 11-17-23/924 pix; Derrick car 4-28-28/954-957; clearance car #497125? & older car #495601 2-25-52/39-43;

Accidents: Jersey City collision report 12-24-09/1228; Warrior Ridge, Pa. wreck kills 5 2-23-12/347; Train #19 wreck at Glen Loch, Pa. with steel cars 12-6-12/1086-1088 & 12-13-12/1137-1138; & report 3-28-13/747-749; Mt. Union, Pa. wreck kills 20 3-9-17/404-405 & report 5-18-17/1036-1037; Elizabethtowm, Pa. wreck 3-29-18/790-791; Run away frt. train 3 miles west of Altoona 3-20-26/856-857; Gray, Pa. wreck of train #50 kills 15 7-3-26/23-25; Coal train runaway 2 miles from Galitzen on 8 degree curve 2-6-32/240,253; Pass. tr. #1638 wreck at Pitts. kills 11 report 5-19-34/742; derailment on concrete roadbed caused by broken bolts in concrete 2-19-38/348-349; Rail motor car collision near Cuyahoga Falls killed every passenger #4848 41 killed 8-10-40/219; "Buckeye" train 316 Cleveland to Pitts sabotaged killing 5 3-22-41/537; Congressional wreck at Phila kills 79 9-11-43/428-429 & report 10-9-43/576-577; Milton, Pa. wreck kills 17 6-23-45/1118; "Red Arrow" wreck kills 22 at Galiitzen 2-22-47/419-420 & report 4-12-47/763-765 ; West Lafayette, Ind troop train wreck kills 33 9-16-50/79, 82; "Broker" train wreck hills 84 (last big fatality train wreck in the U.S. up to 2000 2-19-51/34-35 & report 4-30-51/45-46; "Detroit Arrow" Bryn Mawr, Pa. wreck kills 8 report 7-16-51/58-59; Baseball special wreck near Harrisburg kills 19 8-6-62/60 & report 2-25-63/76;

Annual Reports:; 4-30-09/928-930; Lines East report 3-10-11/449-451; 3-11-10/514-516; Lines east 3-8-12/414-416 & 3-6-14/456-458; Report 3-5-15/394-396, 3-3-16/383-384, 3-9-17/386-388, 3-5-20/668-669, 3-11-21/539-541, 4-8-22/863-865, 4-7-23/909-911; 1924/???, 4-11-25/942-944; 4-16-27/1199-1201;

News: 2H-08 to 1H-12/many each year; 2H-12/271; 1H-13/many; 2H-13/940, 1048; 1H-14/many; 2H-14/81, 227, 408; 1H-15 to 2H-17/many each year; 1H-18/480, 1203; 2H-18/many; 1H-19/many; 2H-19/285, 717; 1H-20/1382; 2H-20/many; 2H-21/911; 1H-22-2H-30/many each year;

News Lines West: 2H-09/125, 297, 385; 2H-11/357, 1258; 2H-12/492, 775; 1H-14/210; 2H-14/494; 1H-15/171, 720; 1H-16/xxx; 2H-16/many; 1H-17/473, 765, 918; 2H-17/many; 2H-18/many;

Pennsylvania & Southwestern: 2H012/229;

Pennsylvania Detroit RR: 2H-17/170, 260;b ; 2H-18/149;

Pennsylvania Reading Seashore Lines: New Atlantic City sta. and yard 6-8-35/880-884, 890; Sells their bus subsidiary to Public Service Co. 7-21-34/80-81; Unification completed with new Atlantic City pass. sta. 6-1-35/844-848; New Camden sta 2-16-53/47-49; Unit oil trains Paulsboro, NJ to Beesleys Point near Atlantic City for power plant 12-25-72/12;

Pennsylvania Southern: 2H-13/313, 396;

Pensacola & Missouri Valley: 1H-14/210;

Pensacola Mobile & New Orleans: 1H-15/39; 1H-10/971?; 2H-10/206, 440?, 711; 1H-11/926, 1714;

Peoples RR (Pa): 1H-10/1813; 2H-10/333; 1H-11/334; 1H-15/1497;

Peoples Electric: 1H-11/878; 2H-12/906;

Peoples Interurban: 1H-16/773;

Peoria & Galesburg (El): 2H-08/1560; 2H-09/340;

Peoria & Pekin Union: CTC 16 miles 6-13-32/1140-1142, 1155; New car shop 12-3-38/810-811; Pekin interlocking tower 5-1-43/856-858; Operations 2-4-52/78-80; Use of automatic car identification 6-28?-71/26-28; News: 2H-10/1023; 1H-26/564, 834;

Peoria & Southeastern: 1H-27/ 966;

Peoria Canton & Galesburg (El): 1H-13/1053, 1245, 1631;

Peoria Hanna City & Western: 2H-18/836, 939;

Pepia ? & Snake River RR & Nav.: 1H-09/10xx

Pere Marquette RR: #901 2-8-0 & #706 b4-6-2 7-26-12/169-170; Viaduct over Manistee River 6-13-13/1322-1324; W. P. Garrett, pres. 3-13-14/508; Replaces truss bridge at Ionia, Mich 3-12-15/474; Chicago frt. sta. 8-10-17/225-226; Bankruptcy report 4-27-17/891-895; Reorganized 4-20-17/839-840; New Buffalo, Mich eng. term. 3-11-21/543-546; Reorganization proposal includes 1000 miles abandoned 12-27-24/1157-1158; Grand Rapids shop 6-14-24/1497-1502; Car ferries 9-5-25/429-433; Concrete roadbed tests 1-8-27/174-177; Merger with C&O Ry and Erie 5-21-27/1496-1500 & 6-11-27/1786-1788 hearings concluded 6-25-27/2009-20122; Allegheny Corp of Van Sweringen 2-15-36/289 (From 1929 to 1937 the P.M. appeared in various articles on the Van Sweringens. See the C&O listings.); Automobile box car #88700 pix 1-7-28/89; Installs centralized control signal system Mt. Morris to Bridgeport, Mich 20 miles 10-6-28/665-668; Concrete roadbed 1-14-28/129 & 9-29-28/623-624 & 1-25-30/237-239; Stores Dept. 9-3-32/318-322; Van Sweringen proposed system 2-23-29/448-451; Improvements 10-26-29/951-955; Imperial salon cars 12-6-30/1210-1212; John J. Bernett, pres. 2-18-33/258 & obit 7-13-35/45-46; Wm. J. Harahan pres. 7-27--35/113-114; Car ferry "City of Midland" 10-5-40/479-481; signaling Plymouth to Grand Rapids 5-30-42/1076-1079; Repairs Canadian Div. 8-29-42/340-343 & 9-5-42/369-371; CTC Grandville to Fennville, Mich 33 miles 7-14-45/55-57, 64; Finances 3-10-43/449-450, 454; Uses 500 high school boys on extra track gangs 12-9-44/881-883; Alleghany Corp authorized to control PM 6-16-45/1072-1074; C&O starts process to take over PM 8-25-45/339; Pass. train "Pere Marquette" 9-7-46/396-402; Plans two 12 car trains Chicago to Grand Rapids 184 miles, 3 1/2 hrs 11-30-46/935; Merger plan with C&O 11-2-46/737, 740; CTC 20 miles St. Joseph, Mich to Porter, Ind. 2-15-47/367-369; C&O merger approved 4-5-47/704-705; CTC Porter, Ind. to Lamar, Mich 119 miles 4-2-49/684-687;

Reports: 10-1-09/573-574; & 10-14-10/683-684; 2-23-12/327-328; 11-19-15/931-932; 4-25-19/1033-1034; 6-18-20/1919-1920; 6-10-21/1307-1308; 5-20-22/1181-1182; 5-19-23/1513-1515; 6-7-24/1379-1380;

News: 1H-11/814; 1H-12/1181; 2H-18/982; 2H-20/many; 1H-21/261; 1H-22/502, 895, 1312; 1H-23/many; 2H-23/285, 605; 2H-24/966; 1H-25/392, 441; 2H-25/635; 2H-26/579, 746; 1H-27/1222?; 2H-761?; 1H-28/1310; 1H-29/482, 1308; 2H-29/1125; 1H-30/many; 2H-30/302, 510, 601;

Perry County & Interurban: 2H-22/1300;

Petaluma & Santa Rosa (El): Frt. train in street pix 1-11-54/10; 1H-12/824; 1H-14/704, 1565;

Petersburg & Appomattox (El): 1H-15/494, 767; 2H-15/368, 449; 1H-16/527; 2H-16/434;

Petersburg & James River ((El): 2H-15/143;

Philadelphia & Arrettsford St. Ry: 1H-22/301;

Philadelphia & Reading RR: Crossing of Pa. RR at Sunbury pix 3-24-11/772; Phila. track elevation 7-31-08/612-615; Port Reading, NJ creosoting plant 7-19-12/115-119; Delaware River bridge near Yardley 4-25-13/944-950; Special signaling for Gettysburg Br. for 70,000 people to the battlefield 8-8-13/223-224; Geo F. Baer, pres. obit 5-1-14/990; Theodore Voohees, pres. 5-15-14/1071 & obit 3-17-16/475; Port Rdg coal pier 3-22-18/709-711; Newton branch wreck kills 25 12-10-21/1163-1164 & report 1-14-22/173-174;

Phila. Tulip St. coaling sta. 7-23-21/172-174; To replace Harrisburg Susquehanna River bridge 11-19-20/869-871; Merger P&R and Rdg 2-18-21/425-426 & 32-25-21/443; Columbia bridge at Fairmont Park, Phila. 2-11-21/369-372; New Susq. Harrisburg bridge 46 arches 12-2-22/1035-1038; Winslow Jct, NJ wreck 7--8-22/77-78; Oley St, Rdg. road underpass 4-8-22/873-875; Broadwalk Flyer 60 mph train pix 11-3-23/835; Camden ferry term. & sta. 5-24-24/1249-1252;
Equipment: #100 4-4-2 insp./ loco. (last insp. loco. built) 9-5-13/404-405; 4-4-0 single cab 4-17-14/872-875; #110 4-4-4 6-9-15/1193-1197; Hopper #78499 8-4-16/194; #105 4-6-2 7-21-16/107-109; #1664 2-8-0 3-21-19/760-762; Hopper #71000 12-16-22/1148 pix; Suburban coach #1200 9-9-22/466; Coach #1340 7-15-22/117-118; Reefer car #19922 1-5-24/87 pix;
Annual Reports: 4-14-16/826-827; 10-8-21/655-657; 1-27-23/287-288;
News: 2H-08/786; 1H-09/many; 2H-09/many; 1H-10/547; 2H-12/600; 1H-13/132, 1245; 2H-14/1107; 2H-15/622; 2H-16/434; 1H-17/976; 2H-17/many; 1H-18/236, 480, 1203; 2H-18/many; 2H-19/44; 1H-20/1073, 1591; 2H-20/817; 2H-21/804; 1H-22/many; 2H-22/358; 1H-23/many; 2H-23/many; 1H-24/308;

Philadelphia & Suburban Elevated RR: 2H-09/470, 1108; 1H-10/1236;

Philadelphia & Western (El): Starts high speed Norristown line from 69th St. & 10 new cars 122-5-31/872; 1H-10; 1181?; 2H-10/206, 297; 1H-11/1016; 2H-12/185;

Philadelphia Baltimore & Washington: 1H-12/454; 2H-16/719; 2H-17/776;

Philadelphia Bethlehem & New England: 1H-10/1114; changes after Bethlehem Steel closed 10-96/48-49;

Philadelphia Newtown & New York: 2H-20/1044; 1H-21/737;

Philadelphia Rapid Transit: 8-14-08/720-721; Extension to Hog Island 4-19-18/1020-1023; Use of airplane to Washington, DC 10-23-26/790;

Philadelphia Wilmington & Baltimore: "S.F.DuPont" 4-4-0 1862, 6-23-23/1621;

Phoenix & Eastern: 2H-10/712; 1H-11/62; 1H-14/150;

Phoenixville Valley Forge & Strafford (El): 2H-15/585;

Piedmont & Northern (El) : El. loco #5102 3-20-14/688-689; Loco #5000? built by the RR 1-17-25/238; Box car pix #24099 1-2-26/79; I.C.C. denies proposed extension 4-21-28/909; El. loco. #5002 4-19-30/911-912; Loco. #5611 4-4-42/705; Cabooses lighted by windmills 8-3-59/22; Industrial development 8-31-64/45-46; Successes 6-7-65/14-15; News: 1H-11/302, 878; 2H-11/860; 1H-12/824; 2H-12/many; 2H-13/1249?; 1H-14/556, 927; 2H-14/877; 2H-15/923, 986; 1H-16/527, 1205; 2H-16/1017; 2H-25/162; 1H-27/1099?, 1357; 2H-27/125, 400;

Pigeon River RR: 2H-16/349; 1H-17/296;

Pigeon Valley: 1H-13/925, 1013;

Pincher Creek Carston & Montana: 2H-10/521; 1H-12/1140;

Pine Bluff & Northern: 1H-10/1391?, 1568; 2H-10/54; 2H-13/211;

Pine Bluff & Southern: 2H-13/132; 1H-17/251;

Pittsburg & Fort Scott (El):1H-16/377;

Pittsburgh & Great Lakes Connecting: 2H-09/1320; 1H-11/302;

Pittsburgh & James River (El): 1H-15/1033;

Pittsburgh & Lake Erie RR: Coaling sta. at Pollock 8-14-08/719; Gond. #42837 6-12-12/1286-12876; Gas el. car #500 and trailer #700 10-25-12/798-799; Beaver River flood damage 5-16-13/1100; Operations 2-13-14/304, 307-310; Haselton yard at Youngstown coal transfer sta. 3-15-18/569; Haselton roundhouse 7-25-19/155-157; annual report 7-4-19/4-5; Youngstown cinder handling plant 1-31-19/319-320; Brightwood coaling sta. 4-2-20/1085-1087; #S-56199 hopper 1-3-25/75 pix; Classification yard 5-4-29/1039-1041; Hanles 9000 tons per train 4-20-29/915-917; Use of retaining walls instead of steel viaduct at Rankin 10-5-29/807-810; #S-49003 65' gond. 9-21-29/675-676; Electric interlock at Becks Run 12-20-30/1310-1312; River-rail coal transfer at Colona, Pa 12-17-32/909-910; 162' girder over Monongahela River at Homestead 10-23-37/585-587; CTC so as to allow B&O pass. & frt. trains New Castle Jct. to McKeesport 1-18-36/146-148; Pittsburgh power house 5-27-39/899-903; Box car#30399 1-4-41/90; Loss of mail contract & Barriger protest 2-11-57/10-11, 14 & 2-25-57/12 & 3-25-57/10-11; radio use 4-14-58/16-17; Youngstown's Gateway Yd 4-28-58/35 & communications there 2-16-59/`18-19, 40; Gond #40664 for steel 9-14-59/64; RR approves use of wrist watches 6-27-60/9; Lowers tunnel 2-12-62/16-17; 17,500 ton ore trains 6-4-62/31; New CH interlocking at Rockees Roads 6-10-63/30-31; Replaces 5 section bridge over Monongahela River in 47 hours 9-14-64/24-26; Greater profit on much less business 11-16-64/30-35, 41, 44, 51 & flat car #616 11-16-64/42 pix; Steel coil cars 5-9-66/25, 26; Frt business & competition 9-18-67/25-37; CTC whole RR 10-23-67/16-17; CTC Youngstown to Brownsville, Pa. entire line 11-16-69/16; Proposed system with GTW 2-85/23; To be sold because of declining traffic of closed steel mills 9-87/31; Labor problems 5-88/12;
News: 2H-08/1419; 2H-09/298, 944?; 1H-10/161, 547?, 1568; 1H-11/258, 1334, 1714; 2H-11/493, 1080, 1300; 1H-12/1221; 2H-12/1063; 2H-13/437; 2H-14/39; 1H-15/811; 1H-16/974; 2H-16/667; 2H-26/530; 2H-28/435, 742, 1041; 1H-30/992, 1450; 2H-601;

Pittsburgh & Shawmutt RR: Bowen gas pass. car 10-29-21/841-843; Tunnel 2-22-47/41`2-414; News: 2H-09/564, 662; 1H-10/114?, 1325; 2H-10/294, 760; 1H-11/526, 1085; 2H-11/105; 2H-14/40; 1H-16/773; 2H-16/825; 1H-20/1122; 1H-22/762;

Pittsburgh & Susquehanna (Valley) : 1H-10/751; 1H-11/104; 2H-11/1189;

Pittsburgh & West Virginia: Extension to Connellsville approved 6-30-28/1529-1530; Hearing to acquire W&LE 6-28-30/1603; Wabash hook-up 6-21-30/1475-1477; New line construction 8-16-30/320-325; 2-6-6-4 3-9-35/361-362; Greentree Br. repaired 12-5-42/910-912; Diesels 1-24-48/204-206; Monongahela River bridge at Pittsburgh of Wabash removed 6-11-49/1162-1164; President plan to see all carload shippers 2-5-49/326-329; Sell to N&W RR 4-22-63/22-23; News: 1H-21/1093, 1246, 1422; 2H-21/646; 1H-27/`many; 2H-27/464, 659; 1H-28/260, 655; 1H-29/267, 1179; 1H-30/many; 2H-30/388, 727, 780;

Pittsburgh Bessemer & Lake Erie RR: Hopper car #5858 preserved pix 12-1-28/1083;

Pittsburgh Binghamton & Eastern: 2H-08/603, 789, 981; 1H-09/381; 2H-11/1037;

Pittsburgh Butler Slippery Rock & Grove City (El): 1H-10/329?; 1H-11/526;

Pittsburgh Chartiers & Younghiogheny: 1H-15/811;

Pittsburgh Cincinnati Chicago & St. Louis: 2H-12/775; 1H-14/856;

Pittsburgh Fort Wayne & Chicago: lift bridge over south branch Chicago River 8-21-14/353-354; News: 2H-24/81;

Pittsburgh Harmony Butler & New Castle (El): 1H-16/463;

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Pittsburgh Shawmut & Northern: Plan for reorganization adopted 1-28-33/126; To be abandoned. Longest bankruptcy 41 years 3-29-47/654-656; News: 2H-08/934; 1H-09/1546; 2H-09/564, 662, 1214; 1H-10/ 111, 1325; 2H-10/294, 7xx?, 1026; 1H-11/526; 2H-13/940, 1099; 2H-14/39; 1H-29/1354; 2H-29/224; 2H-30/965;

Plateau Valley: 1H-13/231, 822;

Pocatello Traction & Interurban: 2H-16/1116;

Pocono Northeast RR: 7-83/54;

Ponca City Oil Fields RR: 1H-23/1076;

Pond Fork Ry: 2H-15/547, 622; 1H-16/271;

Pontiac Oxford & Southern: 1H-27/`1357;

Port Angeles & Grays Harbor: 1H-17/296;

Port Angeles Western: 2H-26/1061; 1H-27/917, 1479; 1H-29/932, 1230;

Port Arthur & Houston Short Line: 2H-08/457, 505;

Port Arthur Tr: 2H-09/385, 427;

Port Everglades Terminal: 2H-29/404;

Port Huron & Detroit: 2H-19/285;

Port Jervis & Delaware Valley (El): 2H-08/1560; 2H-16/47;

Port O'Connor Rio Grande & Northern: 1H-09/many;

Port of Albany: 1H-27/604;

Port of New Orleans: France Road container term. 5-91/37-40;

Port of New York Authority: 2H-29/1310; 2H-30/1112, 1188;

Port of Portland: Rail yard for containers 7-91/103-105;

Port of Tacoma: dockside yards 4-93/47-48, 52;

Port Terminal RR Authority of Houston 11-28-77/54;

Port Townsend & Puget Sound: 1H-14/1607;

Portage RR (Adirondacks, N.Y.) Former N. Y. & Brooklyn Bridge loco in use, pix 10-1-20/562;

Porterville Northeastern: 2H-10/672, 1281; 1H-11/1187, 1447;

Portland & Oregon City (El): 1H-15/39; 2H-13/169, 806;

Portland & Southeastern: 1H-11/258; 2H-11/816; 2H-19/441; 2H-30/780;

Portland & West Coast RR & Nav. Co: 2H-11/357, 932; 1H-12/77;

Portland Astoria & Pacific: 2H-19/662; 2H-21/911; 2H-22/86;

Portland Canal Short Line: 1H-28/697;

Portland Eugene & Eastern (El) : News: 1H-11/926, 1334; 1H-10/209, 1056; 2H-11/ 1259; 2H-12/143, 775; 2H-13/437, 806; Construction and electrification 9-12-13/453-454;

Portland Ry Lt & Pr: 1H-09/1187, 1546; 2H-14/1067; 1H-15/955

Portland Terminal (Me): Terminal facilities 11-15-24/879-884; News: 1H-23/1076; 1H-24/1116; 2H-24/264; 2H-29/275; 1H-30/361;

Portsmouth St. RR & Lt: 1H14-1011

Potato Creek: 2H-12/143; 1H-21/218;

Potomac River & Baltimore: 1H-16/147;

Pottsville & Saint Clair (El): 2H-828, 1075;

Prairie Farm & Southwestern: 1H-10/many; 2H-10/672, 985; 1H-11/970;

Prescott & Northwestern: 1H-10/1236?; 2H-23/555; 1H-24/439, 813, 1008; 2H-24/81;

Prescott & Phoenix Short Line: 1H-17/1212, 1507;

Prescott Reader & Fordyce: 1H-09/187; 2H-09/1108;

Prince Albert & Hudson Bay: 1H-09/236, 660;

Prince Edward Island Ry: History of financial disaster 7-25-19/158-160; News: 2H-08/1177, 1227; 1H-09/660; 1H-13/314;

Prince Edwards & Hastings: 1H-11/409; 1H-14/407;

Prince George & Chesterfield 1H-28/430; 2H-28/1163; 1H-29/1354;

Prineville & Northern: 1H-17/167;

Providence & Worcester RR: Described 2-99/29-31 & 8-99/40-44;

Provo & Eastern Utah: 2H-12/229, 271;

Public Belt: (of New Orleans): 1H-15/649; 2H-23/716?; 2H-25/162;

Public Service Coordinated Transport (NJ): 1H-29/643;

Pueblo & Southeastern: 1H-11/62, 434;

Puget Sound & Willapa Harbor: 1H-13/974; 2H-13/many; 2H-14/1207;

Pullman RR (Pullman Car Co):Box car #500 lt. wt. 6-22-35/959-962; Box car #501 only 18 tons 6-12-37/969-971;

Putnam Woodstock & Stafford Springs: 1H-14/1257;

Quanah & Gulf: 2H-09/521; 1H-10/329;

Quanah Acme & Pacific: Frt. traffic 9-1-52/92-95; News: 1H-09/481, 1008, 1546; 2H-09/many; 1H-10/many; 2H-11/576; 1H-12/77, 409; 2H-12/many; 1H-13/271, 374, 1245; 2H-13/1099; 1H-14/150, 346, 1171; 2H-25/206, 378, 1123; 1H-27/398, 1090, 1418; 2H-27/912; 1H-29/598, 1487; 2H-29/1168; 1H-30/411;

Quanah Seymour & Gulf: 1H-14/704, 1257;

Quanah Seymour Dublin & Rockport: 1H-12/781; 2H-12/37; 1H-20/1066, 1184;

Quebec & Chibougamon: 2H-20/903;

Quebec & Great Northwestern: 1H-11/184, 1334;

Quebec & International Short Line: 2H-12/1235;

Quebec & Lake St. John: 2H-08/1028; 2H-12/1117;

Quebec & Saguenay: 1H-09/1051; 1H-11/334, 711, 814; 2H-11/1189; 1H-12/409, 825; 2H-12/710; 1H-18/1304;
Quebec & Ungava Ry: 1H-19/475;
Quebec Bridge: Replaced felled bridge 8-29-13/365-369; Design 9-26-13/559-563; 9-11-14/463-466; Progress 12-24-15/1189-1192 & 5-26-16/1143-1145 & 8-18-16/275-277; Collapse 9-15-16/456 & 9-22-16/487-492; Completed 9-28-17/569-573;
Quebec Cartier Ry: 4-11-60/18-19, 24;
Quebec Central: Q.C. Transportation Cop bus subsidiary formed 8-25-34/237; News: 2H-08/1177, 1501; 1H-10/69, 209; 1H-11/1133; 2H-11/1149; 1H-12/983; 1H-14/1118; 2H-14/40,1029; 2H-15/1032; 1H-16/527; 2H-16/1162; 1H-19/791; 1H-20/1277;
Quebec Extension (El):1H-14/150, 253; 2H-21/646; 1H-25/1301;
Quebec Great Northern: 1H-25/1176;
Quebec Montreal & Southern Counties: St. Francois River bridge 4-17-14/892-895; News: 2H-08/1609; 1H-09/872, 1187; 1H-16/974;
Quebec North Shore & Labrador Ry: Under contract 7-9-51/66-67; Construction 7-23-51/34-37 & 11-11-50 & 11-18-50 & 7-9-51; track laying 4-6-53/72-74; Ballasting at -56 3-29-54/20; Described 10-4-54/44-58, 60; Roller brgs on all cars 5-9-55/18-21; Operation 2-24-58/18-20; Wabush Bush mine branch 7-4-60/16-18;
Quebec Ry Lt Ht & Pr: 1H-09/1081?; 2H-10/986, 1130; 1H-11/334; 2H-11/816;
Quebec Saguenay & Chibougamau: 1H-28/940;
Quincy RR (Mass.) Granite Ry centennial with map 10-16-26/722-724l
Quincy & Hamilton: 2H-14/618;
Quincy & Northeast: 1H-25/1611;
Quincy Omaha & Kansas City: To be abandoned 249 miles 5-28-38/909; 2H-30/135;
Quincy Western: 2H-09/727, 828; 1H-10/1438; 2H-11/493;
Quitman & Great Northern: 2H-08/839, 1227, 1501; 2H-09/895?, 1320;
Radford Willis Southern 1H-15/390; 2H-15/81, 1113;
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Raleigh & Pocahontas: 1H-23/834;
Raleigh & Southport: 1H-09/331; 1H-10/164, 281; 1H-11/1187;
Raleigh Charlotte & Southern: News: 2H-11/1187; 1H-11/1079; 2H-12/453, 1117; 2H-13/77, 586, 940?;
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Rangeley Lakes & Megantic: 1H-09/435; 1H-10/1325; 1H-11/480; 1H-12/133, 221;
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Rapid RR: 2H-13/1048; 2H-16/1072;
Rapid Transit Co. of Illinois: 2H-15/368;
Raritan River RR: 2H-18/836;
Rawhide Western: 2H-09/614; 2H-11/1080;
Raymondville & Waddingtion 2H-08/1600;
Reader RR: 2H-26/530, 961; 1H-27/1357;
Reading (See also Phila. & Rdg):#2010 7-5-24/19-20; Oil house at Rdg 2-9-24/378-379; Automatic train control to Atlantic City 10-24-25/761-764; Port Clinton tunnel eliminated 11-27-26/1023-1026; Fills in 4167' of trestles on Catawissa Br. 5-21-27/1501-1507; New shop and eng. term. facilities at Reading 6-25-27/1989-1994; Rutherford hump yards 10-1-27/629-632; Philadelphia produce terminal 12-4-26/1097-1101; Merger of south Jersey lines with Pa. RR recommended 1-16-32/139-140 & 11-5-32/654; N.Y. marine operations 3-21-36/496-498; Orders 10 buses 3-24-28/713-714; Acquires bus line to Cape May 5-26-28/1244; Proposed Rdg Term at Phila. drwg. 5-19-28/1176; Begins bus operations 4-28-28/1012-1014; Finances 3-3-28/528-530 & 3-9-29/585-586 & 3-8-30/605-606; Port Rdg, N.J. coal dumper 2-18-28/399-402; Port Richmond, Phila. grain term. 1-21-28/210; Reading Transportation Co us system has 14 routes 11-24-28/1064-1066; To electrify 110 miles of track 121-17-28/972; Buses N.Y. to Harrisburg 12-28-29/1531-1532; Can't operate buses Camden to Atlantic City serve but non RR affiliated companies can 12-28-29/1508-1512; N. Broad St. Sta. 11-23-29/1180-1184; Opens N. Broad St. Sta 10-5-29/834-835; Hourly bus service to Atlantic City 7-27-29/324-325; Storehouse at Rdg 5--3-30/1055-1057; Electrification program 3-29-30/761-764; Large commercial bldg in Phila with 30 acres of floor space 7-19-30/103-106; Buys operations 6-27-31/1254-1256, 1259; Harrisburg Div. coal traffic 3-14-31/545-547; Elevates 1 1/3 miles at Manayunk 1-31-31/276-281; Train-bus coordination 3-26-32/530-532; Proposed truck routes 11-28-31/837-838; Bridge at Rupert, Pa. 4-20-35/605-606; Expands truck routes 10-22-32/579-581; Grade separation at Germantown 11-11-33/688-691; Chas. H. Ewing, pres. 5-7-32/777-778 & obit 12-14-35/791-792; Edward W. Sheer, pre./ 12-11-36/121; "Crusader" train 12-11-37/826-833, 839; Christens train named by P. W. Silzer "Crusader" 2-26-38/385; New financing 4-21-45/704-706, 710; Edward W. Scheer, pres & Reville W. Brown 7-1-44/6; radio use in Phila. area 3--9-46/509-511; "Schuylkill" pass. train 11-13-48/910; Coach yard at Huntington St, Phila 9-4-48/456-458; Add "Wall Street" train 3-6-48/469; Joseph A. Fisher, pres & Revelle W. Brown, 9-3-51/62, 65, 66; Port Rdg coal dumper destroyed by fire & rebuilt 12-3-51/17; 6.7 mile line built to U. S. Steel at Morrisville 12-3-51/82-83; Tug "Tamaqua" 4-7-52/13 pix; Rutherford hump yard 10-27-52/52-54; Rehabilitate Phila. piers 12-22-52/44-45; "Crusader" after 25 years 6-22-53/17-18; Piggy back service 4-4-55/12; Consolidates 8 interlocking plants into one at Rdg 10-3-55/28-29; New ore train branch Laureldale to Blandon 7-16-56/44, 50; Suburban service & special train 9-17-56/28-30; 3 new 50 ton gantry cranes at Port Richmond, Phila. 5-27-57/39; New bridge on belt line at Rdg 8-5-57/31-33, 48; Radio use 12-16-57/24-25; Hershey Chocolate Co business 10-26-59/28-29,32, 324; Improved service to Chestnut Hill 9-29-58/14 & 11-3-58/9; Newberry Jct, Williamsport diesel shop 10-31-60/51; New commuter line between Rdg & Pa. RR 2.2 miles 5-7-62/22-23; Replaces extra frts with 18 scheduled symbol frts and other changes 6-18-62/36-37; To buy Lehigh & Susquehanna RR so as to continue Allentown to Philipsburg 9-10-62/30; LCL trucking 4-29-63/60-61; Attempt to develop foreign hard coal sales 6-17-63/44-45; Plans for future 9-16-63/13-16; Shows profit first time in 5 years 7-26-65/67; Off track vehicle for M/W 7-11-66/26-27, 30; Electrifies 5 miles to Fox Chase 10-3-66/47 & uses RDC cars beyond 11-14-66/23-24, 34-35; "Bee Line" frt service 3 man crews & caboose with 7 cars, 40 miles 1-30-67/42-43 & 10-30-67/35; & 2-2-70/34-35; Labor peace agreement 4-17-67/21-26, 28, 33; Track at Locust St, Phila 8-14-67/20-21; Financial crisis 11-13-72/10; Liquidation possibility 6-25-73/10;
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News: 1H-24/many; 2H-24/81, 129, 217; 1H-25/many; 2H-25/many; 1H-26/834; 2H-26/1136, 1240; 1H-27/215, 494, 2026; 2H-27/many; 1H-28/831, 1130, 1416; 1H-29/173, 1134, 1354; 2H-29/177, 1358, 1406; 2H-30/780, 1062, 1251;
Reading & Northern: Described 11-92/72-74;
Reading Birdssboro & Pottstown (El): 1H-14/1171; 2H-14/369;
Red Lake Northern: 1H-16/1245; 2H-16/773;2H-21/1421;
Red Oak & Northeastern: 2H-11/105, 269;
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Red River & Gulf Terminal: 1H-15/1033;
Red River Valley: 1H-21/391;
Red River Valley & Texas: 1H-10/751?, 1184; 2H-10/1130?;
Red River Valley & Western RR: Success 10-97/61-62;
Regina North Western: 1H-15/649;
Register & Glennville: 2H-14/147;
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Rhode Island Co (El): 1H-15/39;
Richland Northern: 1H-14/407;
Richmond & Chesapeake Bay (El): 2H-09/1260; 1H-10/114; 2H-10/xxx?;
Richmond & Eastern: 1H-15/1033;
Richmond & Northern Neck: 2H-22/304;
Richmond & Rappahannock River (El): 1H-12/983; 2H-15/369
Richmond Fredericksburg & Potomac: #2 4-6-2 12-17-15/1129-1131; Richmond sta. & Richmond Term. Ry: 2-14-119/401-406; Perishable frt. handling 12-2-22/1044-1049; Richmond eng. term. & roundhouse 3-1-24/492-499; Rappahannock River bridge 8-27-27/373-374 & 12-3-27/1087-1102; RF&P Transportation Co bus operation 5-25-29/1243-1246; Gas el. car M1? 1-5-29/109; Potomac Yard retarders 3-5-32/405-407; Fast frts 9-15-34/316-318; #551 4-8-4 6-19-37/1013-1014; Almost 100 trains per day 12-5-42/927-930; Train operations during war & now 2-2-46/273-276; "Old Dominion" pass. train 11-29-47/962; Radio use 1-21-52/29-31; "Fairfax River" sleeper pix 7-21-52/44; Crossing gates lowered by radio on train 212-6-54/40-42; M/W 8-12-57/18-19, 22; Potomac Yard 8-4-58/13-14; Car and loco shops at Richmond 12-3-62/15-19; Potomac Yard revamped 3-14-66/25-26, 44; News: 2H-16/391;2H-20/774; 2H-22/358; 1H-24/1008; 2H-24/264; 1H-25/770, 1367; 2H-25/1070; 1H-26/1416; 1H-27/1090; 2H-27/357, 1138; 1H-28/1071, 1416; 2H-29/275, 576, 703; 1H-30/578, 992;
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Richmond Terminal Ry: sta. 2-14-19/401-406;
Richmond Urbana & Peninsular: 2H-08/1322 1H-12/701;
Rimouski International: 1H-14/556;
Ringling & Oil Field: 2H-16/1072;1H-17/657;
Ringling Eastland & Gulf: 1H-20/1696;
Rio Grande RR: 2H-16/375; 1H-25/1061;b
Rio Grande City: 1H-24/813; 2H-24/477;
Rio Grande City & Northern: 2H-24/622;
Rio Grande Micolithic & Northern: 2H-26/38, 700;
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Rio Grande Southern Ry: Operations and finances (good article) 6-24-39/1076-1079; 1900 wash out pix 8-14-43/283; Special pass,. train by Beebe & Clegg to photograph before abandonment 11-9-46/775;
Rio Grande Valley Tr.: 2H-12/271; 1H-13/132, 374;
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Roanoke & Bent Mountain: 2H-08/1374; 2H-09/521;
Roanoke River: 2H-15/1218;
Roaring Fork: 2H-08/1501;2H-10/1205?; 1H-12/77;

Roaring Fork Valley RR: To be built between Aspen & Glenwood Springs, Colo 10-97/28-29;
Roberval & Saguenay Ry: Alum. box cars 2-11-50/308-310; Alum cylindrical covered hoppers 88 ton 9-12-60/60, 62; : 2H-11/1301;
Roby (&) Northern: Described 11-24-28/1028; News: 1H-15/1033; 2H-15/1113; 1H-17/79; 2H-19/490;
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Rock Falls & Southern Tr: 1H-14/1565; 2H-14/494;
Rock Island Southern: 2H-08/1121; 1H-10/971, 1236; 2H-10/xxx?;
Rock Island Texico & Gulf: 1H-10/1438; 2H-10/811, 11xx?; 1H-11/878;
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Rockcastle River: 2H-13/844; 1H-16/185;
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Rutland RR: Sale to New Haven held up 2-9-12/257; Must discontinue ownership of boat lines 5-21-15/1046-1047; Use of buses 2-26-27/611-612; Flood 11-12-27/945-947 & 11-26-27/1048-1052; Use of buses 2-26-27/611-612; #84 4-6-2 2-15-30/4327-438; Save the Rutland program 8-27-38/330-331; Seeks abandonment 7-16-38/108, 112; Reorganization plan approved 12-28-46/1093, 1097; Dieselized pix 2-25-52/21; Rutland office bldg 10-11-54/13; Merger with other New England RRs 11-24-58/9-10; Frt. business 7-6-59/18-19; Parts of line may be sold 4-2-62/27; Files for abandonment due to strike 12-11-61/9; Abandoned 10-1-62/28; News: 2H-24/622; 1H-28/1130, 1416; 2H-28/127, 573; 2H-29/224, 893, 1310; 1H-30/269, 1158; 2H-30/727, 1204;
Rutland Toluca & Northern: 2H-09/301, 1260;
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Sacramento & Sierra: (El) 2H-09/1214; 1H-10/1016;
Sacramento Northern (El):#1060 3 voltage loco 4-21-28/907-909; Extension proposed for Holland Br. 9-27-30/635; Motor bus route extended to Oroville to Portola 9-25-37/423; Rebuilds Arcade trestle after 3 years 5-10-54/9; News: 2H-25/635, 684; 1H-26/505; 2H-27/1233; 1H-28/430, 605, 1535; 2H-28/1323;
Sacramento Southern: 2H-08/1609; 1H-09/331, 1099; 1H-12/177;
Sacramento Valley (El): 1H-12/1181; 2H-13/638;
Sacramento Valley West Side (El): 1H-11/1016; 2H-11/1356;
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St. Andrews Bay Ry & Term. Co: 2H-14/310, 671;
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St. Francis Valley : 1H-14/927;
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St. John & Quebec: News: 2H-11/199, 691, 1356; 1H-12/526, 1263; 2H-13/396, 586; 1H-14/150; 2H-14/81; 1H-15/649, 1182; 2H-15/715; 1H-16/1205?, 1353; 2H-19/233; 1H-25/1237;
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St. Joseph Valley: 2H-10/1024; 2H-13/xxx9?; 2H-14/991;
St. Lawrence & Atlantic RR: Described 9-98/90-91;
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Seaboard Air Line: Wm. J. Harahan, president 9-27-12/577; #205 4-8-2 7-16-15/87-89; Portsmouth, Va. reclamation plant 3-31-16/749-754; New line Hamlet, NC to Savannah 5-4-17/941-943; Wm. J. Harahan, pres. 12-10-20/1035-1036; 204 mile RR constructed, Fla. West & Nor. 8-22-25/349-353; To construct 213 miles in Fla 11-21-25/939-940; Automatic block signals Richmond to Hamlet 1-23-26/323-326 & 7-16-27/91-94; Motor Transportation Co bus subsidiary 8-27-27/409-410; Increase in Florida business 11-19-27/977-981 & 11-26-27/1037-1042; S. Davies Warfield, pres. obit 10-29-27/853-854; Signaling 3-6-28/560D20-560D23; Bus operations 12-22-28/1271-1273; Elberton, Ga. coaling sta. 8-3-35/160; Spring switches 7-10-37/36-38; "Silver Meteror" train 12-3-38/820 & 12-31-38/862 & 2-18-39/296-303 & 12-23-39/951-954; 50 trains efficiently handled by CTC 64 miles of single track Richmond, Va to Cochran 6-20-42/1181-1184; Raleigh sta. 6-25-43/1256-1259; CTC 65 miles Savannah 5 to Thalmann 5-15-43/942-946; "Silver Meteor" good results 9-15-45/435-437; Receivership ends 8-3-46/187, 193; Radio warning signal tested to warn train to slow down 6-8-46/41; Phosphate rock term. at Tampa pix 11-29-47/966 & 8-14-48/328-331; CTC 248 miles Savannah to Hamlet 12-25-48/1199-1201; Refueling platform at Wildwood sta. 8-21-48/381-383; Wildwood & Winter Haven pass. sta. 4-24-48/812-815; Gainesville, Fl frt sta 10-22-49/718-719; Industrial traffic development in 1948 10-22-49/724-725; Atlanta frt. house 7-1-50/15-17; Miami term. moved 4 miles because of airport 12-30-50/22-24; Fast frt, the "Capital" Richmond to Atlanta 4-2-51/44-45; Day in life of Div. Supt. Richmond to Hamlet 6-4-51/36-40; Dieselizes in Fl. 10-8-51/50-51; John W. Smith, pres & Leigh R. Powell retiring 1-21-52/43-44; Miami Yd 4-14-52/44-46; 163 mile Atlanta - Birmingham line 10 trains daily 6-29-53/56-58; Savannah Yd 11-30-50/54-58; Hamlet Yd progress 4-12-54/14-15, 32 & 2-28-55/22-24; CTC & its traffic 10-22-56/27-29; Jacksonville Div. office bdlg 7-1-57/36-38; Richmond general offices 8-25-58/15-16; Concrete ties 3-14-60/9-10, 15-17; ACL-SAK merger talk 5-23-60/9 & ICC approved 9-3-62/34-35 & 12-23-63/24-25; Portsmouth-Raleigh "Tidewater" pass. train with auto rack cars 1-30-61/51; citrus fruit 2-25-63/62, 66-67; Savannah sta. 4-15-63/14-15; Phosphate trains at Tampa 7-26-65/65; TOFC :Razorback: train 10-25-65/40-42 & 6-27-66/50B, 62;; concrete ties 2-14-66/17-23; Merger into Seaboard Coast Line Ry 7-24-67/16-21; Welder rail 7-15-68/15-17; Perishable piggy back Orlando to Wilmington, Del (Stopped there because Conrail wanted too much money bringing it closer to New York City 11-29-82/13;

Equipment: Performance #205 4-8-2 & #303 2-8-2 & #838 4-6-2 3-5-15/405?-461?; Gond. #99800 1-5-24/21 pix; RPO-Bag #100 2-21-25/464 pix; Gas el. car #2002 1-23-26/273-275; Ventilated box car #79361 6-22-29/1467-1468; #1118 0-6-0 5-25-29/1197-1200; #2501 2-6-6-4 6-1-35/849-850; Lt. wt. gas pass. rail car 1-18-36/140-1432; rail bus 3-28-36/545-547; Streamlined diesel rail car #2027 9-19-36/409-410; #580871 covered hopper 4-10-37/629-630; Covered hopper $58102 pix 5-25-40/927; Box car with 20' doors 4-9-56/39; Box car #29006? pix 9-1-58/29; Sheathes diesel #3041 in alum. panels 5-7-62/24; #1100 diesel SDP-35 EMD builder 8-31-64/66-67;

Reports: 12-6-12/1076-1078; 12-5-13/1056-1057; 12-25-14/1171-1172; 12-10-15/1080-1082; 12-15-16/1078-1079; 12-14-17/1065-1066; 6-28-18/1550-1551; 2-17-23/431-432; 7-24-26/174-175; 1-8-27/193-195; 7-9-27/81-82; 5-26-28/1233;

News: 1H-10/1017, 1038l ; 2H-10/many; 2H-11/545; 1H-12/77; 2H-12/many; 1H-13/925; 2H-13/679, 1099; 1H-14/1055; 2H-14/717; 1H-15/811; 2H-15/301, 779; 1H-16/418; 2H-16/309, 391?; 1H-17/1171; 2H-19/129; 2H-21/226; 1H-24/many; 2H-24/many; 1H-25/905; 2H-25/162, 418, 1171; 1H-26/many; 2H-26/351, 700; 1H-27/1981; 2H-27/547, 701; 1H-28/383, 1071, 1310; 2H-28/372, 947; 1H-29/1354; 2H-29/130, 1310; 2H--30/560;

Seaboard All Florida: 1H-27/966, 1279, 1921; 2H-27/748;

Seaboard Coast Line: Merger of ACL & SAL 7-24-67/16-21; phosphate cars 9-23-68/45-47, 72; TOFC frt. Kearney, N.J. to Jacksonville & Birmingham 28 hours with pickup & set out 9-9-68/12; LCL service 12-23-68/31-33; #1762 3600 hp loco 8-31-70/46; Phosphate trains 6-12-72/50; Merger of SCL-L&N, Clinchfield & Ge,. RR 12-25-72/17-23; Merger ACL & SAL 9-25-78/11 & 11-27-78/10, 12 ; Coal traffic 10-10-77/18-20; A great Ry 9-10-79/28-39; Hopper car for rock & phosphate 5-20-79/38-42; Merger with L&N to form CSX 3-30-81/26-30; Rebuilding locos 2-11-80/20-23; "Great White Train" of Tropicana Products 10th Anniversary, Bradenton to Kearney NJ 12-29-80/18; Jacksonville control center 2-23-81/25-30 & 12-13&27 issue-1982/46-48; M/W program 5-83/49-51, 54; Cattle moving by rail instead of truck Fla to Tex 7-84/28; 48' truck trailers 4-85/25; Bedford Park, Chicago TOFC term. 9-85/59;

Seaboard El. Ry: 2H-23/1225; 2H-24/435;

Seattle, City of: 31 mile Skagit RR to be abandoned 7-19-54/13;

Seattle Everett Int: 2H-08/1076; 1H-09/436; 2H-10/104;

Seattle Port Angeles & Lake Crescent: 1H-13/779; 2H-13/542, 1099; 1H-14/767;

Seattle Port Angeles & Western: 2H-14/many; 1H-15/1182; 1H-16/1245;

Seattle Tacoma Short Line (El): 2H-09/341; 1H-11/1714; 2H-11/357;

Sebasticook & Moosehead: 1H-12/1589;

Seboolmook Lake & St. John: 1H-21/958;

Sewall Valley: 2H-08/1374; 1H-09/426; 2H-09/614, 1260; 2H-21/646, 960; 2H-26/38;

Sewickley & Edgeworth (El): 1H-14/159;

Shaw & Southwestern: 1H-09/1546; 2H-09/80; 1H-17/725;

Shawnee El.: 1H-09/1187; 1H-10/210, 517;

Sheboygan Ry. & El: 1H-15/494;

Sheffield & Tionesta: Dam projects line abandonment 12-27-41/1073-1077; 2H-14/148;

Shelby Northern: 2H-14/369, 1107;

Shelbyville & Frankfort (El): 2H-12/409; 2H-17/776;

Shelbyville Mattoon Pana & Hillsboro Tr; 1H-14/812;

Shelbyville Petersburgh & Decatur (El): 1H-14/150, 254;

Shenandoah Frackville & Pottsville: 2H-15/xx9?;

Shenandoah Valley (El); 1H-13/925, 1013;

Short Line Tr. Co: 1H-09/1008; 2H-10/1130;

Shreveport Alexandria & Southwestern: 1H-09/821; 2H-12/775;

Shreveport Northeastern: 2H-08/1276, 1419;

Sidney & Loewe RR (Neb.) 7-26-82/20-21;

Sidney & Louisburg Ry: Hopper car #4585 pix 7-4-55/46;

Sierra Ry of California: 1H-11/878; 1H-21/1246; Mix train on bridge pix 6-15-35/941;

Sikeston & Southeastern: 2H-19/539;

Simcoe Grey & Bruce: 1H-15/649;

Sioux City & Spirit Lake (El): 2H-08/889, 1177; 1H-09/48; 2H-09/564, 778;

Sioux City Terminal: 2H-17/913; 2H-24/264;

Sioux Falls & Western: 1H-10/7511066;

Sioux Falls Dakota & Northwestern: 2H-09/427, 828;

Skagit River: 2H-26/1061; Skagit RR to be abandoned 7-19-54/13;

Skaneateles RR: 1H-11/1133;

Smokey Valley & Peace River: 1H-15/914;

Snake River Belt: 1H-14/1119;

Soda Lake: 2H-23/1037;

Somerset RR: New Gulf Bridge 1-85/23;

Soo RR: Grain trains 5-14-79/20-23; Status 5-26-80/53-55, 58; Purchases 3100 miles of Mil. 3-85/27; Obtains Mil. 8-85/34-37; Improvements to ex Mil. track 7-88/53-56;

South Atlantic Transcontinental:(Not U.S.?): 1H-111334; 2H-12/1015;

South Brooklyn Ry: El. Loco. #5 11-11-10/927-928; Frt trains 6-22-40/1118;

South Carolina (&) Western: News: 1H-10/380, 1017; 1H-11/144; 2H-11/545; 2H-12/185, 973;1H-13/863;

South Carolina Canal & RR: Original track unearthed 2-3-45/265;

South Carolina Central RR 8-91/38, 40;

South Dakota & Western: 2H-15/715;

South Dakota Central: 2H-08/209; 2H-13/727; 2H-14/1166;

South Dakota Interurban: 1H-09/1051, 1099;2H-10/206; 1H-13/1115;

South Dakota Short Line: 2H-15/622, 1218; 1H-17/918;

South Dayton Ry: 2H-20/505;

South Florida & Gulf: 1H-14/927; 2H-14/624;

South Florida Express RR (ex F.E.C. Ry, Ft. Pierce to Sebring) 8-99/37-38;

South Florida Interurban: 1H-17/1028;

South Georgia: Diesels 4-9-51/50-51; 1H-25/1419; 1H-26/1038, 1281;

South Mountain & Hanceville: 1H-18/236;

South Ontario Pacific: 2H-11/545; 1H-15/211;

South Park-Portage (El): 1H-16/927?;

South Plains & Santa Fe: News: 1H-17/40; 1H-25/533; 2H-28/1113; 1H-29/223, 390; 2H-29/616;

South San Francisco RR & Pr: 2H-15/585;

Southampton Ry: 1H-12/1027, 1627;

Southeastern Ry: 2H-25/1070;

Southeastern Ry of Huntsville: 1H-17/40;

Southern Ry: Chattanooga union sta 3-19-09/574-577; Asheville, NC concrete coaling dock 6-24-10/1776; Atlanta frt. sta. 4-11-13/839-840; Fairfax Harrison, pres. 12-5-13/1084; Wm. W. Finley ,pres obit 11-28-13/1034; Macon union sta 3-30-17/693-697; Floods knock out 680 miles 12-1-16/991-994; Charleston S.C. coal dock 1-14-16/61-64; Adding 2nd track to 363 miles Washington to Atlanta 11-9-17/841-848; Chattanooga bridge replaced over Tn. Riv. 4-9-20/1141-1143; Birmingham shop 12-27-24/1159-1164; Princeton, Ind. shops restored after tornado 12-19-25/1153-1155; Automatic train control 6-13-25/1458; Rockmark, Ga. wreck kills 19 report 1-22-27/303-305; Greensboro, NC pass. sta. 9-3-27/439-444; Finances 4-20-29/912-913; 1929 results 4-5-30/827-828; Double tracking Williamstown, Ky to Danville, 77 miles 3-21-31/585-587; Ernest E. Norris, pres. 10-30-37/611-612; Fairfax Harrison, pres. obit 2-12-38/303, 308; Single track line with spring switches Morristown, Tn to Ashville NC 2-25-39/339-342; Gets six 2 car DE train sets 9-16-39/399-402; Depresses track through High Point, NC 12-9-39/882-887; "Tennessean" coach train 5-10-41/793-799; Museum at Lexington, Ky scrapped for war effort (Over zealousness for finding scrap. a real shame for it had many objects that only it had) 12-5-42/919; Test lab 8-18-45/289-292; Alexandria, Va diesel shop 8-10-46/218-221 New magazine "Ties" 3-1-47/453; CTC 19 miles U.S.Jct, Ky to Flatrock 2-7-48/288-290; Peach trains 8-21-48/384-386; Gondola train takes Chattanooga businessmen on tour of the railroad 11-6-48/852-853; LCL handling 12-10-49/1040-1041; "Southern Serves the South" 12-31-49/1158-1160; Tombigbee River bridge at Jackson, Ala 3-25-50/624 pix & 4-29-50/826-830; CTC near Atlanta to Austell, Ga. 8-19-50/34-35; Cumberland River bridge at Burnside, Ky 12-16-50/16-19; Port Chalmette at New Orleans facilities 3-5-51/46-47; Diesel servicing at Chattanooga 6-4-51/57-59; John Sevier Yd at Knoxville 8-6-51/46-56; Tearing up 2nd main line tracks and salvaging ballast 11-12-51/50-53; Ernest E. Norris retires & Harry P. deButts pres. 12-31-51/43-45; Report of Woodstock, Ala head-on collision 2-11-52/72-74; Oakdale, Tn interlocking 4-14-52/39-41; Getting rid of coal chutes 6-16-52/58-59; Single track & CTC 48 miles Birmingham to Meridian, Miss. 9-29-52/42-45; End of steam 7-13-53/93 pix; Track laying on new line caused by Garrison Dam (of is this Gt. N.Ry?) 9-28-53/10; CTC 164 miles Ludlow (Cinc.) Ky to Tateville 5-31-54/40-42; Big Indiana Creek bridge at Crandall, Ind. 7-14-58/27; Dining car service 8-4-58/18-19; Atlanta to Worley, S.C. single track mostly CTC 3-2-59/18; Danville, Ky to Harriman, Tn line improvements 4-16-62/20-21, 28; Piggy back plan 5 6-24-63/76; Rathole Div opened for TOFC & other problems,

Cinc. to Chattanooga 7-22-63/13; TOFC 2-22-65/36-40; Control center room at Atlanta 9-134-65/26-41; Intermodal big increase 2-24-69/22-26; Tye River, Va hurricane damage 10-13-69/14-16; Future 2-23-70/59-67, 75-76; Will not join Amtrak 11-27-72/57; Pass. trains "Piedmont" & "Crecent" to continue 1-13-75/14; Good track 11-10-75/16-20; A Great RR 2-26-77/16-22; Seeks college graduates 3-27-78/41-44; Merger with ICG canceled 2-26-79/10, 14; N&W merger 4-30-79/9 & 11-12-79/14 & 7-27-81/24-27 & 4-12-82/12-13; Solar power for track circuits and caboose electricity 9-24-79/16-20; Welder rail & M/W program 10-8-79/24-33 & 2-8-82/14-20; unit coal trains 10-13-80/32; CTC Atlanta to Birmingham line 8-10-81/16-19; Spencer Yd at Linwood, NC 10-11-82/14-18; Chattanooga diesel shop 12-13&27 combined issue-82/41-45; Computer aired dispatching 7-83/47-48; Merger with N&W to become Norfolk southern Ry 11-83/36-38, 42-43; Electronic coded track circuits replace pole lines 10-85/44-48;

Freight Yards: Birmingham frt. yd and eng. term. 10-22-15/743-746; Birmingham Yd loud speakers 8-31-46/364-366; Armour Yd at Decatur, Ga 11-26-51/39; Ernest Norris Yd, Birmingham 11-10-52/54-62; Citico Yd, Chattanooga 7-23-56/44-46, 48, 52; Sheffield Classification Yd, Linwood, NC 3-27-78/24; Linwood, NC yard 3-12-79/24-26;

Equipment: Coach #1429? 12-24-09/1241; Gas el. car built by G.E.Co 2-4-10/285-286; Dynamometer car #2 1-21-16/92-95; Duplex loco #4576 2-8-2+2-6-2 2-16-17/267-269; Flat car #51566 pix 12-22-23/1173; RPO car #28 1-17-25/233 pix; Diner #3164 pix 1-2-26/85; box car #272245 1-4-36/74; Express car #513 8-26-39/307-308; trailer coach MT-2 1-6-40/91; Box car #13096 1-6-40/85; Cattle car #45971 1-6-40/84; Composite hopper car #104674 8-28-43/341-343; Coach #1364 built 1906 pix 7-15-44/113 pix; Diesel instruction car 9-1-45/364-367 & 11-24-45/848-852; Frt diesels average 12,000 miles per month 6-28-47/1312-1314; Frt car #51803 with roller brgs 5-24-54/35-36 & #51707 5-24-54/41; Frt. claim prevention car #s-2 11-15-54/62-64; Wood chip cars & service 8-31-59/18-19; Alum. gond. 4-4-60/12-13; Covered hoppers #8000 3 new car types 6-6-60/28, 30; Full door box car #9800 7-31-61/49 & 2-22-60/34 & 5-30-60/16: Alum. gond for coal 8-28-61/24-25, 33; 85' box car #9799 12-18-61/35; Covered hopper #70119 5-21-62/32; Special cars 6-4-62/19-29; Quad-pod car for cement #4999 3-18-63/18; Cushioned box car with sliding center sill#5023 5-27-63/18-19, 25; Hopper #75047 7-13-64/22-23; 4 unit articulated 105' hopper 260 tons capacity 8-9-65/34-35 9-27-65/47-49; TTX #912186 for intermodal 2-6-67/25; Extra width rack car BTTX 930612 5-27-68/41-43; Wood chip hopper car #133004 1-26-70/26;

Box car#529000 10-29-73/44; Automobile car #599000 10-29-73/48, 50; Hopper car #103367 10-27-75/47; Alum. grain hopper #7983 5-16-80/30-31;

Annual Reports: 11-27-08/1426-1429; 10-22-09/741-74310-21-10/729-731 10-13-11/694-696; 10-11-12/663-665; 10-17-13/692-694; 10-16-14/684-685; 10-22-15/722-724; 10-20-16/683-684; 10-19-17/677-679; 10-25-18/724-725; 12-24-20/1100-1102; 10-29-21/812-813; 4-17-26/1116-1118; 3-31-28/770-772; 3-23-29/688-690; 3-22-30/709-710;

News: 2H-08/many; 1H-09/many; 2H-09/many; 1H-10/69, 1236; 2H-10/760; 1H-11/many; 2H-11/many; 1H-12/263, 1181, 1589; 2H-12/366, 600, 710; 1H-13/191, 231, 530; 2H-13/727; 1H-14/many; 2H-14/many; 1H-15/many; 2H-15/many; 1H-16/185, 577?, 927?; 2H-16/90, 391, 719; 1H-17/many; 2H-17/215, 776; 1H-18/432, 531; 2H-18/939; 1H-19/1126, 1177, 1842; 2H-19/490, 539; 1H-20/1433; 2H-20/726, 861; 2H-21/1232; 1H-22/803; 1H-23/many; 2H-23/812, 989, 1225; 1H-24/many; 2H-24/many; 1H-25/many; 2H-25/many; 1H-26/many; 2H-26/many; 1H-27/many; 2H-27/many; 1H-28/166, 214; 2H-28/947, 1253; 1H-29/1355, 1394; 2H-29/many;

Southern Cambria (El): 2H-10/206; 1H-11/369;

Southern Central Pacific: 1H-15/289;

Southern Illinois & Kentucky: 2H-25/1217; 1H-26/253, 1038, 1281; 1H-28/939

Southern Illinois & St. Louis (El): 1H-14/493; 1H-15/289;

Southern Illinois Ry & Pr. 1H-12/1140; 2H-12/185, 559, 906; 1H-14/407, 493;

Southern Indiana: 2H-09/727; 2H-10/265;

Southern Kansas Industrial Belt: 1H-26/1235;

Southern Montana: 1H-14/1356;

Southern New England: Palmer, Mass to Providence RR line proposed 8-23-12/338-340; News: 1H-10/many; 1H-11/1016, 1133; 2H-11/many; 1H-12/many & 526; 2H-12/409, 492; 2H-13/211, 353, 479; 1H-14/1055; 1H-15/289, 955; 2H-1/1113; 1H-17/252; 1H-23/789;

Southern Oregon Tr. Co: 2H-15/369;

Southern Pacific RR: Employee clubs at Roseville, Dunsmuir, Tucson & Yuma 1-29-09/208-210; San Antonio loco. boiler explosion kills 28 4-5-12/806-808; Merger with U.P. struck down by Supreme Court 12-6-12/1075-1076 & 1081-1085 & dissolution 2-14-13/276-277 & 7-4-13/12-13; Court decision against break-up 3-30-17/683, 702-703; Julius Kruttschnitt, pres. 6-13-25/1459-1462 & retires 4-11-25/945-946; Walter R. Scott, La-Tx lines president 12-25-26/1263-1264; 1926 performance 4-23-27/1261-1264; Hale Holden, chairman 9-1-28/421; Converts Nev. Calif Ore. RR to std. g. 9-8-28/453-454; 1928 finances 4-13-29/846-848; Advertising booklet 8-24-29/450-452; Supply train for M of W, etc 8-31-29/544-547; Refinancing plan 10-19-29/930-931; Increasing pass. business 2-1-30/343-345; 1000 mile divisions 4-5-30/823-824; 1929 results 5-17-30/1189-1191; Hearings on acquiring St. L - S. W. Ry 11-1-30/924, 932 & 8-9-30/283-284; Theodore D. Judah monument at Sacramento 3-14-31/563; Advertising 11-21-431/792-794; Unifies operations 7-23-32/117-118; Reinforces 10 steel viaducts 3-6-37/392-394; "Apache" train held up by gunmen 12-4-37/808; Modernizes pass. service. 9-18-37/363-366; Hale Holden, chairman 7-22-39/151-152 & obit 9-28-40/439, 448; Angus D. McDonald, pres obit 11-22-41/883-884; Armand T. Mercier, pres. 12-13-41/999-1000; war time traffic increase 4-10-43/706-710 & 4-17-43/779-783; Advertises not to take the train 4-24-43/816-819; pass. trains 9-25-43/493-494; diesel shops 9-24-49/548-552; Fights train length laws and full crew law desired by unions 9-10-49/474; Advertising comics concerning airplanes 2-18-50/347; Overnight frts and paper work 5-7-51/39-41; A. T. Mercer retires & Donald J. Russell pres. 12-31-51/46-47; "Sunset Ltd" marooned by washout and pass. rescued by helicopter 7-5-54/12; Communication system 7-25-55/42-45; Microwave 9-10-62/16-17; Diesel repairs 11-21-60/20-21; Applies to buy John I. Hay Co barge line denied by ICC 3-19-62/19, 38; SP-UP merger talks 5-20-63/52-53; Dec. floods 2-8-65/28-29; Wants Western Pacific RR 7-17-61/9, 34 & 7-24-61/9-10 & turned down by ICC 2-8-65/14-15; Frt business 7-26-65/17-19, 30; Future looks good 6-29-70/28-36, 49; Piggy back plans 5-31-71/29-31; Unit trains of coiled steel 4-24-72/13; 70 car unit tank car trains 9-9-74/38; To buy 900 mile Rock Island line 1-31-77/8 & 4-24-78/10; A great RR 6-27-77/25-30; Double stack trains 11-14-77/16-18; Merger with SF progress 5-26-80/13-14 & 6-84/35-38; Industrial development 8-27-79/34-36; Tucumcari line, ex RI, rehabilitation 7-27-81/82-84; CTC in Tex. & Kans 2-83/28; Armourdale Yd at Ks. city, ex R.I. 11-84/71, 74; Merger with D&RGW 9-88/24-25 & 10-88/28-32; Entry into Chicago 9-89/30-32; Bright future 11-92/30-34; Interest in Pass. business 1-93/44-46; Future & recent successes (It didn't work out financially) 5-93/31-38; Status 11-94/22-33; Edward Moyer's leadership 1-95/29-31; U.P. merger possibilities 9-95/20 & 8-96/33-34; Houston mess caused by U.P. side tracked all S.P. management in Tex. 3-98/20;

Northern Calif-Oregon lines: Electrifying Oregon lines by Portland Eugene & Eastern RR 9-12-13/453-454; Handles 50 special pass. trains Ashland and Dunsmuir + regular trains in 2 days on 3.3% grade 9-3-20/394-395; Natron C/O in Ore. construction 11-14-25/886-890; Calif.-Ore construction hearing against GN & WP 12-7-29/1343-1345 & 11-30-29/1287-1288; Completes Alturas - Klamath Falls line 3-8-30/637-639; New 30 mile line north of Redlands 6-11-38/872-873; 30 mile relocation account of Shasta dam 6-22-40/1108-1113; Line relocation north of Redding for flood dam 37 miles 6-14-41/1054-1060 & 6-21-41/1108-1113 & bridges 6-28-41/ 1144-1150, 1187; 559 mile single track Shasta Div. operations 2-19-44/382-385; "Shasta Daylight" 718 miles 15 1/2 hours 7-16-49/127-133; "Shasta Daylight" success - average daily 400 all year 9-23-50/26-29 & 7-13-53/88-90' Radio in Cascade 12-28-53/41-43'; CTC Klamath Falls, Or. to Eugene, 194 miles 8-1-55/24-25; Microwave replaces poles Dunsmuir to Black Butte 1-21-57/32-34;

San Francisco area & S. F. - Ogden Line: Berkely sta. 8-21-08/759-760; Reconstruct Reno to Ogden line 8-6-09/236-237; Colfax grade revision 2-18-10/344-351 Roseville icing shed 3-18-10/725-727; Mission Bay viaduct 8-18-10/314-315; Oakland swing bridge & area map 1-30-99 (or 1909)/45; Oakland pass. terminal 7-21-99 (or 1909?)/523; Palace Hotel, San. F. ticket office 1-20-11/129-131 ; Oakland suburban lines 9-13-12/460-463; Car ferry "Contra Costa" 2-14-13/288-289; Sacramento swing bridge 4-11-13/846-8498'; Snow sheds 3-23-17/626-6328; Ogden icing facilities 3-4-22/533-534; 2nd track Tehachapi Mtn & Sierra Nevada and eastern Nev. Request to retain control Central Pacific 11-25-22/987-990 & 12-9-22/1-87-1089; U.P. requests C.P. to become independent 12-16-22/1151-1156; U.P.-S.P. consolidation plan 1-27-23/279-280; SP control of C.P. approved 2-17-23/427-430; SP-WP to jointly use Nevada tracks 3-22-24/792-793; Winter operations in Sierra 2-14-25/425-427; Ogden union sta. 1-17-25/234-236; Builds 2nd track over Sierras 5-15-26/1305-1309; Sacramento sta. 8-14-26/273-275; Use of tractor and trailers around Oakland 8-27-27/419-420; New ferries 8-20-027/343-344; Automobile baggage car service over Sierra 2-2-29/306; Suisan Bay bridge planned 3-9-29/575-577 & progress 6-21-30/1458-1464; Mail handling on ferries 10-12-29/873-874; Ferry service 1-18-30/187-189; Suisan Bay bridge 8-23-30/354-360; Train op. in Sierras 9-6-30/475-477; Fire trains 12-27-30/1372-1374; S.F.-Oakland Bay bridge to carry S.P. and Key System trains on 64 second headways, 35 mph 5-22-37/865-866; Handling fruit and vegetables 8-5-39/219-221; "City of San Francisco" wreck kills 23 8-19-39/289-290 & sabotage report 9-23-39/444-446 & 1-6-40/106-107, 112 & 1-13-40/?;Black outs 6-13-42/1144-1147; Taking up Promontory Point line for war effort 2-20-43/398-400; Sparks, Nev. loco shop 10-7-44/546-548; Radio S. F. to San Jose 7-17-48/154-155; Promontory, Ut Golden Spike Monument needs preservation 8-19-50/33; "City of San Francisco" trapped in snow 1-21-52/51 Roseville Yd 1-5-53/48-51; Radio for Sierra trains 1-26-53/39-41; Centennial celebration at Sacramento 8-22-55/9; Great Salt :Lake fill 2-4-57/30-33 & 5-12-58/30-31; Richmond, Cal hump yard 3-22-65/31, 36; Replaces San. Franc. Bay Dumbarton bridge 6-10-68/14-16; Golden Spike 100th celebration 5-19-69/12-14, 40; Distribution center and warehouses at Clearfield, Utah 4-27-70/38-40; Offers to buy vans to replace trains on Peninsula service 9-13-76/138; San Jose-S./F. commuter service Presently carries 20,000 daily & by 1990 expected 50,000.) 6-9-80/32-33;

S.F. - Los Angeles & Southern Cal: Electric lines at Los Angeles 1-26-12/138-140; Electrification of Tehachapi Pass studied 9-12-13/447-449; New Los Angeles sta. proposed 6-27-13/1607; Fire tunnel #7 near San Luis Obispo 1-23-14/187-188; L. A. train shed 1-28-16/155-158; Rectangular concrete eng/ house at Mojave & Indio, Cal 7-15-22/105-106; Damage done due to St. Francis dam failure 4-14-28/865; CTC Benia, Cal & Tehachapi, 33 miles 1-12-29/144-147; Melon carrying with Pac. Fruit Exp. 6-22-29/1404-1410; Imperial Valley handling of perishables 11-30-29/1270-1272; Carries 20,000 to each Stanford football game in 30 special trains 12-28-29/1481-1482; Stockton to Brighton CTC 7-19-30/98-102; Fresno Yd construction 8-23-30/354-360; Fresno fruit terminal 12-13-30/1268-1272; L.A. Union Sta. ordered by Supreme Court 5-23-31/1048, 1049; Discontinue auto. train control Oakland to Pittsburg & Tracy to Fresno 12-23-33/879; "Daylight" pass. trains 3-13-37/418-424; Improves Tehachapi line 4-10-37/626-628; Flood damage in southern Cal. 4-2-

38/619-623; Line relocation due to mud flow near Graham, Cal 10-16-37/519-521; L. A. Union Sta. 1-16-37/142-145 (possibly wrong year); Building Colo River aqueduct, 242 miles Parker Dam to L. a. 2-25-39/246; Opens L. a. Union Pass. Term. 5-6-39/768-778, 786; Soledad Canyon flood repairs of March 1938 8-19-39/280-286; L. A. coach yard 9-9-39/367-371; New 14 car "Daylight" trains 2-10-40/284-288; Abandon Los Gatos to Lympia3-30-40/595; Sta. at Alhambra and Pomona, Colo and Palo Alto elevation 8-22-42/296-298; CTC on 17 miles in mtns 10-31-42/697-701; Near Watsonville Jct bridge 8-5-44/232-233, 238; Daylights 8 tunnels on S. F. - L. A. and San Joaquin Valley lines 3-10-45/452-454; CTC Colton to Indio, Cal. 1-27-45/236-238; Taylor Yd, Los Angeles modernized 5-27-50/1036-1040; Pass. train "Lark" 5-19-52/96-101; Tehachapi 4 tunnels repaired after earthquake 9-22-52/54-59; Commuter messages 8-3-53/13; San. F. - Los A. piggy back limited to Pacific Motor Truck Co 8-10-53/13; Tehachapi Loop monument dedicated 11-23-53/11; Dieselizes n.g. Keeler - Laws 11-22-54/7; Palmdale to Colton cut off 78 miles 7-1767/22-23, 26-29; Planned Colton Yd 3-29-71/11; West Colton class. yd. 11-13-72/35-36, 40; West Colton yard 3-27-78/24; Coast line to be upgraded to 110 mph & test of ABB's X2000 train 8-93/1130115;

Arz-N.M. Lines Merger E.l Paso & S.W. 11-8-24/855; New line puts Phoenix on main line 12-11-26/1147-1151; Ariz 70 car train limit law 10-25-30/863 & 11-1-30/947-948; 135 mile pipe line supplies water for Carrizozo, NM-Pasura 9-24-32/428-431; Colo. Riov. Topock, Arz bridge 5-12-45/823-827; Carriso Gorge trestle on San Diego & Ariz. Eastern pix 4-20-53/18; Uses right of way for 900 mile pipeline 2-28-55/8; Pipeline in use 2-20-56/22-23; Colton, Cal to Yuma, Az 194 miles CTC 3-25-57/40-43; Wants to abandon 209 miles El. Paso to Douglas, NM 7-27-59/10; Allowed to abandon line El Paso to Tucson, 233 12-11-61/10-11. CTC El Paso to Yuma 12-18-61/36-37; Will lose all the cattle business at Phoenix in 5 years unless they do something. 80' double deck car proposed by an employee 6-29-64/48; 275 mile line Arz to Davis Dam, Nev., 1-23-67/7;

Texas-La Lines: (See also Texas & New Orleans RR:) Atchafalaya River bridge 8-7-08/661-663; Pecos River viaduct reinforcement 10-14-10/693-694; Baton Rouge cut off 2-24-11/345-348; Beaumont track elevation 10-29-21/831-832; Humble, Tx wreck kills 2112-23-22/1208; Lafayette, La. roundhouse 10-18-24/677-679; El Paso gen. office bldg pix 8-17-29/433; Transporting Texas National Guard to Palacios, Tx, 12 trains 5-7-32/765-767; New Orleans Miss. River bridge construction 5-13-33/700 & 9-14-35/326-331; Use of railcars on T&NO 10-7-33/502-503; CTC Alpine, Tx to Paisan, 12 miles 2-9-34/243-244; Bascule bridge over Hainey Canal at New Orleans 9-8-34/279-282; Houston sta. 10-20-34/468-472; Relocates line Sanderson to Thurston Canyon in Tx. for floods 5-8-37/784-787; Revises New Orleans term. for new Miss. Riv. bridge 6-5-37/935-937, 949; Houston to Dallas streamline train 10-2-37/442-444; Perishable trains on T&NO 3-9-40/448-449; Pecos River bridge 5-26-45/930-932; CTC Waynoka, Ok to Canadian, Tx 110 miles 7-26-47/157-160; 8 line changes El Paso to Houston 11-8-47/770-772; Alpine, Tx sta. 2-14-48/339 pix; *Sunset Ltd* 8-26-50/28-37; Huey Long bridge alum. deck to reduce fire chance 12-9-50/36-39; *Sunset Ltd* "Sunset Pink" fashion show 2-19-51/18-20; Depresses tracks in El Paso to eliminate grade crossings 3-5-51/54-58; Line improvements 2.6 miles near Devils River, Tx 4-6-53/82-83; Carrying truck trailers on flat cars Hart to Lake Charles, La. with LCL 5-11-53/14; Houston Yd 6-1-53/72-73; LCL frt operations at New Orleans 11-30-53/63-64; West Texas floods 8-2-54/12; Houston Yd 5-23-55/26-28 & 1-30-56/24-31; Bypasses Texas horseshoe curve 6-8-59/33; Line change for Amistad Damon Devils River, Tx 7-16-62/24-25;

S.P. Transportation Co: Buses L. a. to El Paso 3-23-29/707; Bus operations 6-22-29/1503-1506 & 7-28-28/190-193; trucking 5-22-37/874-876; Greyhound acquires controlling interest 8-24-29/527; Store door LCL service 1-28-33/115-116; Texas trucking 7-15-39/117-118;

Equipment: #2317 4-6-0 9-18-08/944-946; #4000 2-8-8-2 4-30-09/933-938 + insert; & details 6-4-09/1168-1170; #4004 cab in front 4-22-10/1034-1035 #4022 2-8-8-2 6-16-11/1476 #4207 2-6-6-2 11-10-11/952-954; Std. coach 6-12-08/83-84; Tank car #49402 12-8-11/1172-1173; Inst. car #111 8-22-19/365-366; #2470 4-6-2 & #3654 2-10-02 7-2-21/15-17; #3668 2-10-2 & Prosperity Special 6-19-22/1553-1556; #4300 4-8-2 2-9-24/375-377; 4-10-2 8-8-25/268-271; #3025 4-4-2 with booster & feedwater heater runs 4721 miles without change 1-19-24/252; Lunch cars 2-13-26/446; Automobile baggage car for pass. train being tested 11-17-28/971; #4102 4-8-8-2 12-15-28/1181-1185; 10 lounge car in aluminum color 3-29-30/754-755; Gas el. car #2 1-4-3-/99; Bag. Car #6454 1-3-31/151 pix; #4412 4-8-4 "Daylight" 2-20-37/319-321 & 6-25-38/1048-1049; #3800 2-8-8-4 El Paso to Tuscomcarie 12-16-39/918-922; cab forward #4185 2-3-40/239-240; Box car #140775 pix 1-11-41/adv. page 12; Caboose #1235 7-5-47/38-39; 51 Pass. cars for Daylight and Lark 7-19-41/108-112; new cars "City of San F. 8-23-41/305-310; 3 car articulate diner for the "Cascade" 8-19-50/28-33; Diesels on transcontinental trains 3-5-51/51-53; Box car #105820 10-6-52/107 pix; Box car #106856, gond. #160754 & auto box #190466 pix 5-25-53/24-25; Ballast hopper car #168600 pix 1-18-54/24; Rebuilds its oldest diesel #6017 2-20-54?/33; Home made dome car 8-2-54/11 & 8-16-54/26-27; flat cars for truck trailers12-6-54/36-39; gallery suburban cars 6-27-55/7 & 7-18-55/28-30; Hydraulic cushion box car #650830 4-15-57/35; Covered stainless steel hopper car #1 4-17-61/16-17; Caboose #1400 10-2-61/14-15; German diesel hydraulic loco 7-24-61/20-24 & tested 9-25-61/54; Stainless hopper 11-12-62/12; 94' box car, 17' high, 10,000 cu ft for auto parts 5-13-63/12-13 & #615200 6-3-63/9-12; Alco diesel hydraulic loco 9-14-64/16-18; Car holds 30 subcompact cars 6-23-66/35-36; Diesel hydraulic loco experience 6-29-70/36; #7030 loco built by Morrison Knudson 3-13-78/21;

Annual reports: 12-12-09/295-297 & 339-344; 12-3-09/1049-151; 12-23-10/1175-1177;2-28-13/378-380; 1-9-14/62-63; 11-13-14/886-887; 9-29-16/535-536; 8-2-18/200-202; 7-18-19/89-91; 6-25-20/1962-1963; 7-9-21/55-57; 6-17-22/1481-1483; 4-17-26/1106-1113; 4-9-27/1158-1169; 3-31-28/775-783; 4-13-29/870-878; 5-3-30/1094-1105; 5-9-31/949-958; 5-7-32/800-809; 4-29-33/650-653; 5-12-34/721-724; 5-23-36/857-860; 5-15-37/849-852; 5-21-38/898-901; 5-27-39/923-926; 6-8-490/1028-1031; 4-26-41/741-744; 4-25-42/839-842; 5-15-43/964-967'; 65-6-44/866-869; 4-21-45/726-729; 5-4-46/935-938;

News: 2H-08 -2H-12 /many each year: 1H-13/779; 2H-13/353, 1099; 1H-14/150; 2H-14/717,1207; 2H-15/39; 1H-16/818, 1159; 2H-16/many; 1H-17/1507; 2H-17/many; 1H-18/236, 1356; 1H-19/277; 2H-19/490, 1H-20/1957; 2H-20/418, 591, 864, 1181; 1H-21/391, 485, 1141?; 2H-21/many; 1H-22/402, 944, 1090; 2H-22 -2H-30 /many each year;

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Southwestern of Alabama: 1H-13/974;

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Sparta Melrose El Ry & Pt: 2H-08/457, 601, 1177; 1H-09/1187;

Spokane & British Columbia: News: 2H-09/991, 1100, 1168; 1H-10/1017; 2H-10/1097; 2H-11/1081; 2H-12/1064; 2H-20/1044; 1H-21/958;

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Spokane & Inland Empire Ry; Collision kills 13 8-13-09/289; Collision report on accident killing 13 9-17-09/485-486; 9-4-14-423-427; Frt. handling 7-25-19/172 pix; 4-4-31/676-680; News: 2H-08/ 209, 982, 1322, 1561; 1H-09/many; 2H-09/663, 727;

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Spokane International: Use of diesels 11-17-52/56-57; 1H-10/many; 1H-11/1447; 1H-23/1183;

Spokane Portland & Seattle: Sprague Gulch trestle filled in 12-15-11/1221-1223; Highway bus 12-13-24/1090; 30 motor buses in use 2-27-26/548-551; Bus operation 7-23-27/181-182 & 9-22-28/577-579; Northwest Frt. Transport Co subsidiary 5-23-31/1043-1045; First RR to operate a bus system (1924) and still successful 6-22-35/985-986; Extension to Bonneville dam site 8-17-35/206-209; Vancouver, Wash. rip track 3-214-52/36-38; New 14 mile line caused by Dalles dam 1-2-56/18-19; Proposed merger of GN & others 1-30-56/13 & 2-27-61/9, 52 & 8-31-64/11, 72-73 ; Loco. #392 7027064/52; News: 2H-08/many; 1H-09/961, 1008, 1099?; 2H-09/895; 1H-12/1181; 1H-17/725; 2H-20/1044; 2H-23/555; 1H-24/526; 1H-30/1158, 1xx2?; 2H-30/965;

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Statesville Air Line: News: 2H-09/427; 1H-10/919; 1H-12/133; 2H-10/1024; 2H-15/39, 1262;

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Sumpter Valley: News: 2H-08/800; 1H-09/xxx?; 2H-09/80; 1H-10/165; 1H-11/369; 1H-13/191;

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Connecticut: Map of RRs in state showing which are multiple track lines 4-22-10/448

Delaware: Map of RRs in state showing which are multiple track lines 7-8-10/79

Florida RRs: Map of RRs in state showing which are double track lines 11-11-10/1923; History of Fl. RRs and pass. traffic 3-31-28/747-750; High speed corridor trains in the future 2-12-73/18-19; FGU high speed rail line franchise 3-96/32-33;

Georgia: Map of RRs in state showing which are double track lines 10-28-10/797;

Hawaii: Mid Pacific RR operated by U. S. Army 11-21-31/796;

Illinois: Map of RRs in state showing which are multiple track lines 11-25-10/1011-1013;

Indiana: Map of RRs in state showing which are multiple track lines 8-5-10/216-218;

Iowa: Map of RRs in state showing which are multiple track lines 12-16-10/1150

Kentucky: Map of RRs in state showing which are multiple track lines 9-16-10/498

Maine: Map of RRs in state showing which are multiple track lines 3-25-10/822-823, 866;

Maryland: Map of RRs in state showing which are multiple track lines 7-8-10/79

Massachusetts: Map of RRs in state showing which are multiple track lines 4-8-10/955, 956

Michigan: Map of RRs in state showing which are multiple track lines 8-12-10/280-282

Minnesota: Map of RRs in state showing which are multiple track lines 1-27-11/172-173l

Mississippi: Map of RRs in state showing which are double track lines 11-11-10/923

New Hampshire: Map of RRs in state showing which are multiple track lines 4-1-10/864-865

New Jersey - New York: Proposed frt/ subway 10-16-08/1150-1157; Map of RRs in state showing which are multiple track lines 5-13-10/1200; RR taxes 2-21-48/375; A new rail link to N.Y.C at 42nd St under study 4-17-48/755-756; Need for rail service `12-10-73/54;

New York: Map of RRs in state showing which are multiple track lines 5-6-10/1126-1128;

North Carolina: Map of RRs in state showing which are multiple track lines 9-2-10/393;

Ohio: Map of RRs in state showing which are multiple track lines 7-22-10/162-163

Pennsylvania Map of RRs in state showing which are multiple track lines 6-24-10/1794-1795

Rhode Island: Map of RRs in state showing which are multiple track lines 4-8-10/955-956; Providence pass. sta. & team tracks aerial pix 9-21-29/706;

South Carolina: Map of RRs in state showing which are multiple track lines 9-9-10/455

Tennessee: Map of RRs in state showing which are double track lines 10-21-10/747;

Texas: Panhandle track construction of 15 RRs planned or underway 10-4-30/705-706;

Vermont: There were no multiple track lines in the state in 1910.

Virginia: Map of RRs in state showing which are multiple track lines 8-17-10/310-312;

West Virginia: Map of RRs in state showing which are multiple track lines 8-26-10/355

Wisconsin: Map of RRs in state showing which are multiple track lines 11-18-10/972

INDUSTRIAL, PRIVATE RAILROADS, EXPRESS COMPANIES , CAR/ LOCOMOTIVE OWNERS

Note: where only a year and page number is shown, these are construction News items. It is possible (likely?) that the item has no railroad reference. I could not tell when looking at the index of the volume and so listed it.

Acme Steel Co #3 butane el. loco 12-21-35/819-820;
Agri Industries: RR operations 6-30-80/30-31;
Alaska Rail Car Co: ARCX #7001 covered center flo hopper 7-26-65/26;
Alcoa Ore Co: Alum. hopper cars for sulphur 2-10-34/223-224; Hopper car AOCX #800 3-26-32/5164-518;
Allied Chemical & Dye Co - Barrett Div. Converts tank car to hopper car 7-23-49/162-164; Ashland, Ky coke plant diesel 11-15-54/12; Compressed gas cylinder car CGX #1502 2-11-63/14 & 2-18-63/56;
Aluminum Co. of America Unit train 2 50 car trains Ala. to N. Y. State 11-29-65/56 & AOCX #2100 4-4-66/26, 36;
American Electric Power Co: Unit coal trains 11-26-73/32;
American Potash & Chemical Co. car fleet 12-18-61/19;
American Red Cross: Blood donor car donated by Southern Pacific RR 21-21-52/51; American Refrigerated Transit Co: 500 reefer cars ART #29249 12-1-52/93-95;
American Rolling Mill Co: Diesel #B-70 11-16-29/1128; Changes el. loco to diesel #747 at Ashland 4-23-38/737-738;
Amoskeag Co: Plans for Me. C. RR and Bangor & Aroostook 9--9-74/70-71;
Archer Daniels Midland Co: ADMX #18091? tank car 12-84/27;
Arkansas Mining & Development Co: 2H-14/549;
Armour Refrigerated Line ARLX #1 5-4-53/58-59;
Atomic Energy Commission: Hanford, Wash. Railroad 8-20-56/26-28;
Auto Train Co: Progress 12-22-69/12; To begin Oct. 1 6-14-71/36; 700,000 share stock 8-30-71/45; Glamour 12-13-71/24-25; 1-10-72/22-23, 43; Back to profitability? 1-16-78/26-27; Pros and cons 1-14-80/22; Shut down 5-25-81/19;
Bakelite Co: Gond. OTDX #1014 4-14-58/47;
Baker Co, Walter: Tank car for chocolate GATX #31057? 6-28-54/8;
Ballentine Brewery, Newark, NJ 9-25-61/28-29;
Bellingham Eastern Log. & Ry: 1H-10/1113;
Bethlehem Steel Co: 1H-29/1394;
Big Creek Logging: 2H-12/329; 1H-14/855;
Bloedel Donovan Lbr Mills: 1H-29/931; 2H-29892;
Boeing Co: 10,700 cu ft box car for 747 parts 1-29-68/30;
Booth Kelley Lbr. Co: #2 2-6-6-2 4-28-11/995;
Borden Milk Car #504 in use 7-31-26/217;
Bruce Lbr. Co: 2H-25205;
Buffalo Coal & Lbr. Co RR: 2H-13/1047;
Buffalo Electro Chemical Co alum. tank car GATX #2903 1-21-33/66;
Caddo River Lbr. Co: 2H-21/596;
Cady, W. M., Lbr. 2H-25/250;
Cambria Steel Co: #45 0-8-0 11-5-20/797-799;
Canadian Collieries: 1H-26/1503;
Canadian Puget Sound Lbr. & Tbr. 2H-23/6xx?;
Canadian Robert Dollar Co: 1H-24/908;
Carbide & Chemical Co: Tank car CCBX #607 6-21-27/1040D15;
Cargill, Inc. RR operations 2-28-66/37-41;
Carnegie Steel Co: 65' mill type gond CSCo #534 . 3-10-28/585-586 1H-23/1238; 250 ton depressed center flat car 4-26-41/722-723; Hopper car CIS #14500 4-6-46/722-723;
Carol Mine Ry (Labrador) Expansion and automatic 9-13-71/14;
Celanese Co: 150 ton tank cars 33,000 gal 6 wheel trucks CELX 640122 prior 1968 - prob. 1967; 47,400 gal tank car having 4 trucks 9-30-68/11;
Champion International Paper Co: Pulp wood car CIX #101 12-27-54/13;
Chapman Lbr. Co, W. T. 150 hp 4 wheel diesel switrcher 12-6-47/969
Chippewa Iron Mining Co: 2H-21/695;
Climax Molybdenum Co: 6'8" high el. locos 11-123-53/13;
Clinton Corn Processing Co: covered hopper GACX 43774 1-29-62/46-47;
Cloquet & Northern Lbr: 2H-27/502;
Colville Log. RR: 2H-09/1213;
Commonwealth Edison Co: #8 0-6-0 pix 6-11-27/1828;
Consolidated Coal Co: Unit coal train 2-21-66/32-33; Coors, Adolph: Railroad at Golden, Colo 12-22-69/74-75;
Coos Bay Lr.: Geared loco #110 3-24-23/809;
Corbin Coal & Coke Co: 2H-08/1373;
Craig Mountain Lbr. Co 2H-09/613, 660;
Crucible Steel Co: 25 ton diesel hydraulic #71 pix 10-21-50/83;
Cudahy Packing Co's line: 2H-622;
Cullman Coal & Coke Line: 1H-11/813; 2H-11/1188;
Dawson Lbr. Co: 1H-10/1183;
Detroit Edison Co: alum. car fleet DEEX #7601 2-85/36-37; 558 alum. gond. & 22 locos 6-8-70/34-37; Start operating unit coal train 12-14-70/11;
Detroit Zoological RR: Between parking lot and gardens 1 1/2 mils 1-13-34/46
Diamond Match Co: 1H-27/214;
Dow Chemical Co: Covered hopper 3-4-63/13; unit trains 7-25-66/27-29 & unit coal train to Midland, Mich. 11-7-66/27;
Dry Ice Corp DICX #1001 2-14-31/363-365;
Dynabulk Co: Box cars with inflatable liner DYNX #1001 2-20-67/22-23;
E. I. DuPont De Nemours: DUPX 269 tank car pix 1-27-34/159; Tank car SHPX #4306 5-11-40/811; radio controlled loco. 1-28-63/32; All door box cars DUPX #32001 2-18-63.34l ; 43,000 gal. tank cars 2-24-69/39-40;
Eastern & Western Lbr.: 2H-24/1004;
Econ Co: EELX 1001 box car for groceries 2-28-72/32-34;
Edison Portland Cement Wks, New Village, NJ, 3' gauge 0-4-0 9-12-31/424;
Edward Hines Yellow Pine Trustees: 2H-22/10x7?; 1H-23/973, 1393; 2H-28/286;
Electric Fuels Co ELFX 86010 alum. hopper 1-87/35;
Electric Point Mining Co: 2H-18/41;
Emery River Lbr.: 1H-18/480;
Empire District Electric Co (Mo): Hopper car #89164 1089/20-22;
Environmental Protection & Improvement Corp, EPIC, sludge cars 11-91/17;
Erie Mining Ci: Unloading new loco. at Taconite Harbor 8-20-56/12; 73 mile mining RR 6-24-57/28-29;
Fleischmann Yeast Co: Private car "Edgewood" 11-27-26/1041-1043;
Florence Pipe Fdry & Mach. Co. Florence, NJ, 300 hp switcher 50 tons 4-6-46/724;
Foley Bros. (Montana) Storage battery loco. 5--30-25/1331;
Ford Motor Co:: RR at Dearborn with 17 locos 9-27-47/534;
Fraser River Lbr Co: 1H-10/1015;
Frick Coke Co, H. C.: compressed air locos #58 & 59 11-20-08/1402-1403
Frost Johnson Lbr: 1H-14/296;
Fruit Growers Express: Reefer car FGEX #3600 10-13-28/715-716; 2H-23/226?; 2H-24/1145; Double deck reefer 5-8-37/791-792; Reefer FGEX #38237 6-3-44/1075-1077; Aluminum reefer FGEX #40000 1-18-47/183-186; Mechanical reefers FGEX #108 12-23-550/26-28; #FGEX 281 10-29-51/35-37; #1000 10-18-54/62-64; #1101 4-18-55/56-57; #1201 8-27-56/224-226 or 243-26;
General American Refrigerator Service Co: GATX reefer #2968 1-4-36/75;
General American Transportation Co: tank car for dry materials GATX #33000 4-9-32/605-607; Box car GABX #1840 12-10-38/843-844; 4 wheel, 44 ton diesel mechanical switcher 9-23-39/436-437; Alum. tank car GATX #8000 after 17 years service 9-8-45/404-405; Alum. tank car #12722 pix 9-11-48/522; Covered hopper Trans-Flo GACX #41000 4-9-49/735; Shock proof box car GAEX #1000 4-22-55/777-779 & 5-13-50/914-917; Transflo covered hopper 11-4-50/61-63; Air slide hopper 5-4-53/14-15; Dri-Flo covered hopper GACX 50247 2-13-61/33; GATX #83600 30,000 gal. tank car 6-12-61/41 & 9--4-61/18-19; Dri Flow covered hopper 6-18-62/16-17; Tank car with propane heating #GATX 82397 11-12-62/30-31; Wine tank car #GATX 39982; Covered hopper GATC #6000 6--1-64/32; 60,000 gal. tank car 10-4-65/24-25 10-11-65/22-23; Research 12-11-67/28;
General Chemical Co: GCX #7500 70 ton sulfuric acid tank cars 1-14-21/203-205;
General Electric Co: Depressed center flat car GEX #4001 10-23-26/780; Transformer car GEX #1500 1-14-33/36-38; 385 ton load car 6-2-69/11; 142 flat car for 440 tons 6-29-70/14;
General Mills Co: 2 axle box car USLX #8000 9-29-69/23;
Georgia Pacific Corp.: Care fleet 4-29-74/31; RR operations 7-28-80/15; Box car 4-10-67/28;
Goodyear Lbr. Co (Pa): 2H-14/670;
Goodyear Yellow Pine Co: 2H-30/560
Hallack & Howard Lbr: 1H-14/555
Hamm Brewing Co: Reefer HAMX #31203 4-12-65/22-23 & 4-19-65/25;
Hammermill Paper Co: pix of loco and pulp wood cars 1-4-41/101;
Heintz, H. J. Co: Reefer HNZX #5760 7-21-58/13;
Holly Sugar Co: 2H-21/1232;
Holston River Lbr.: 2H-16/47, 875;
Hoods Milk Co, H. P. GARX #809 1-21-33/69-70
Hormel Co, Geo. A.: 4 wheel reefer NADX #10000 12-9-33/812-814; small reefer container for meat 10-8-56/26-27 & 3-18-57/11 pix;
Horse Creek Land & Mining Co: 2H-14/779;
Huber Co, J. M.: Carbon black covered hopper JMHX #72701 7-28-69/25-27, 54;
Humane Live Stock Car HLSX #1 poultry car triple deck 11-24-28/1017-1018; poultry car HLSX #2 11-12-32/671-672;
Illinois Power Co, rbt. 70T hoppers IPLX #21 10-83/60-61; unit train 9-26-66/53
Illinois State Game & Fish Hatchery: fish car #1818 7-21-16/116-117;
Illinois Steel Co. #4 South Wks 0-4-0T 8-21-08/756
Imperial Oil Co: Tank car IOX #6 1-3-32/91;
Insulate Co: Bulk head flat car and their operations MANX #1015 3-28-66/84-86;
Intermountain Coal & Lbr.: 1H-22/207;
International Lbr (Tbr) Co: 2H-08/457; 1H-09/660; 2H-09/1167;
Iron Ore Co of Canada: Crewless ore train at Labrador City 9-3-62/12-15;
Jackson Tinney Lbr. Co's line: 2H-15/922;
Johnson Wax Co: Insulated box car JWAX #49009 6-28-65/46-47, 67;
Jones & Laughlin Steel Co. Tank car J&LSX #1020 5-22-26/1377;
Kaiser Bauxite Co: Gond. #190 10-21-57/23;
Kaiser Steel Co: RR operation 12-22-58/16-17, 20,m 221;
Kansas City Power & Lt. Co: Hopper car #7204, 480,000 miles in 4 years 7-28-80/32-37;
Kennecott Copper Co: el. traction at Bingham, Utah 9-4-48/462-467;
Kerry Tbr Co: 1H-13/411;
Keystone Wood Chem. & Lbr.: 1H-28/1309;
Kirby Bonner Lbr.: 2H-17/365;
Kirby Planing Mill Co: 21H-17/295;
Lakeville Holding & Development Co: 2H-14/991;
Lehigh Stone Co, Kankakee, Il convert 0-4-0 steam loco to diesel 12-1-52/92;
Lenox Saw Mill: 1H-16/xxx?;
Lindsey Lbr. & Export: 2H-16/479;
Linn County Log. & Lbr: 1H-28/551;
Liquid Carbonic Co: dry ice LCIX #10088-10-35/179-180;
Long Bell Lbr: 1H-29/809;
Lyndhurst Lbr. Co: 2H-13/1208;
Madera Sugar Pine: 2H-27/232;
Madill Coal & Coke Co: 2H-25/591;
Mars Co: MWEX #2006 pix covered hopper 5-20-50/969;
Mathies Coal Co: mine loco 4-5-54/77;
Mathieson: SHPX covered hopper #25501 9-3-51/77;

Medford Co: 1H-29/1229; diesel #8 with dynamic brakes for log train 8-25-52/47;
Merchants Despatch Co: MDT #5266 2-27-32/357; Flat car #1500 for milk trucks 8-25-34/235-236; Mechanical reefer NYMX #1001 pix 7-30-56/10;
Merrill Coal Mines RR: 2H-19/383;
Mesabi Iron Co: #71 0-6-0 11-5-20/798-799;
Mexican Eagle Oil Co: 2H-12/973;
MFT: flat car with bulkheads #13552 12-26-55/12;
Michigan Limestone Chem. Co: 1H-28/606;
Miller Brewing Co: Car fleet 4-30-62/20-21;
Minnesota International Transportation Co: Grain box car MITX #4102 4-18-60/26;
Moltz Lbr. Co: 1H-16/773; 2H-17/170;
Montana Power Co: 2H-30/510, 779;
Monte Cristo Mining Co: 1H-26/1037;
Morrell Refrigerator Line: reefer #70000 6-12-26/1708 pix. ; Reefer MRX #5330 6-16-34/adv. page 45; MRX #5694 reefer of fir plywood instead of boards 7-22-39/137-138,142;
Mountain Quarry Lines: 1H-11/1223; 2H-11/199; 1H-12/408;
National Aeronautical Agency: Kennedy Space Center RR 3-85/37-40;
National Cash Register Co: 11-17-11/990-991; Fireless loco built in 1913 retired 11-16-64/51;
National Steel Co: #302 0-6-0 v1-29-44/291;
NATX: fibre glass tank car #XP-1 4-8-63/34, 42;
New Orleans Lbr. Co: 2H-30/510;
Niacet Chemical Co: NIAX #200 alum. tank car pix 2-8-30/377 & 3-15-30/647-649;
North American Despatch Co: Mechanical reefer NADX #3000 11-16-29/1155-1197; NADX #10000 4 wheel reefer 12-9-33/812-814; NAXX #22097 reefer pix 9-12-60/55;
North Bend Mill & Lbr.: 1H-17/657;
Ochoco Tbr: 2H-23/4310;
Ohio Edison Co: Dieselizing their electric interurban line Marion to Scioto, Oh 4-20-53/17;
Oliver Coal Co: 2H-29/1077;
Oliver Iron Mining Co: #205 0--6-0 6-20-10/1679; #700 0-8-0 7-23-27/153-154; 2 unit 1800 hp #1218 pix 12-3-56/11;
Ortner Fort. Car: Hopper #71007 7-26-71/29;
Outer Island Log. RR: 2H-23/1037;
Ozark Land & Tb (Lbr) r. RR: 1H-12/526; 2H-12/1288;
Pacific Fruit Express: reefer #2206 3-16-10/652; 2H-20/726; 1H-21/532; 1H-22/many; 1H-23/887; 1H-24/397; 2H-24/many; 1H-25/441; #18999 reefer car 12-31-20/1145-1148; Reefer #37470 1-5-29/83 pix; 5000 reefers #47754 6-14-47/1208-1209; Reefer #46703 & progress report 3-26-51/37-39; Discontinues natural ice, all artificially made 5-7-51/45; 2000 reefer #8001 1-28-52/29-31; Mech. reefer #30001 7-20-53/21 pix; Cars 3-17-58/34; Icing car new methods 8-11-58/25; Reefer #301213 7-11-60/22-23; Reefer #20002 1-30-61/35, 37; #400016 3-27-61/41; Car shop practice 6-11-62/32-33, 35; Reefer and piggy back trailers 9-24-62/28, 31; #450001 4-15-63/12; Future 1-30-67/33-35, 44; 400 reefers 8-26-68/38; 10,000th mech. reefer 8--9-71/11; Handling meat westbound 4-29-74/32-33;
Peavy Wilson Lbr.: 1H-17/167;
Penn Electric Power Co PEPX gond. #29 1-27-75/17;
Pennsylvania Power & Lt. Co: Integral train of 70 cars from Blairsville, Pa. mine to Martins Creek power plant (a very early unit coal train) 4-9-62/17; PPLX #100 100 ton hopper 6-22-64/29 pix; Unit coal train operations 6-29-64/36-39; Unit train 6-14-71/26-30; 997 rail cars ,maintenance and insp.. 7-25-77/65-69;
Phelps Dodge Co: El. traction at copper mines 3-18-44/539-541;
Phillips Petroleum Co: tank car PSPX #21551 for gas 9-23-57/12-14, 36; Tank car PSPX #30030 pix 4--8-63/25;
Phoenix Lbr Co.: 1H-16/1570;
Phoenix Utility Co: 1H-29/643;
Pickering, W. R. Lbr: 1H-14/253;
Port Boliver Iron Ore: 2H-10/1167; 1H-11/104, 258; 2H-11/269, 1189; 1H-12/263;
Port of Seattle: Improving itself for intermodal 4-92/35-36;
Port of Tacoma dockside yards 4-93/47-48, 52;
Port Oliver Iron Co: 2H-16/133;
Powell River Pulp & Paper: 1H-27/604;?;
Princeton Power Co: 2H-14/780, 877;
Public Service Co of New Hampshire: unit train to Bow generating plant 6-4-61/17 & 10-30-67/49;
Pullman Transport Leasing Co: TLCX #38347 covered hopper 11-30-70/15;
R. & T. Cement Ry (El): 1H-11/184;
Ragley Lbr. Co (Wash): See Timpson & Northern RR
Rail Box Co: Has a goal of 60,000 box cars 9-9-74/11; BROX #10005 11-25-74/22; #10013 pix 1-27-75/62; box car surplus 5-28-79/32;
Rail Tex Co: success & brief descriptions of 9 of 17 RRs 9-91/59-60, 64-73; described 11-92/67-70; Canada operation 9-96/95-102; 4200 miles of Brazilian Rys (bad mistake) 21-97/27;
Railgon Co: Nationwide gondola pool GONX #310014 8-25-80/38-39;
Rath Packing Co: Reefer 4-30-62/26;
Red River Lbr.: 2H-19/383;
Reid Newfoundland Co: 2H-12/655; 1H-14/150; #193 4-6-2 4-22-21/994;
Revere Sugar Refining Co: Covered hopper GACX 40970 9-15-52/12;
Roach Tbr. Co: 2H-15/779, 1032; 2H-16/667;
Rutledge, Edward, Tbr. Co RR: 2H-19/129;
Safety Regulator Co: Mechanical reefer SRIX #101 4-19-30/921-923; SRIX #36 10-1-32/458-460;
Saint Louis Refrigerator Car Co: SLRX #4539 9-6-47/388, 389, 402;
San Miguel Development Co: 1H-14/407;
Santa Fe Refrigerator Despatch Co (See also A. T. & S. F.) Ry: Mech. reefer SFRD #3150 9-7-53/93-96;
Scholten Bros. Cedar Co: 2H-12/655, 1064;
Scott & Howe Lbr: 1H-16/1353;
Seatrain Co: Law suit against 12 RRs preventing it doing business 12-17-51/17;
Shearhouse Lbr: 2G-08/982;
Shipper Car Line: All welded tank car #2000 6-21-41/1106-1107, 1114; SHPX center flow car #5250 3-8-65/18-19;
Singer Mfg. Co: 1H-25/1176;
Sioux City Stock Yards Co: 1H-19/1177;
Smith Lbr Co., W. T. Chapman, Ala. 150 hp 4 wheel diesel switcher 12-6-47/969;
Smith Powers Logging: 2H-16/1072; 2H-12/1117;
Snoqualmie Falls Lbr: 1H-16/1265;
Solid Carbonic Co: carbon dioxide reefer car GARXZ #151 1-21-33/67-68;
South River Lbr: 1H-16/105x;
Southland Paper Mills, Herty, Tx diesel loco. 1-22-49/227;
Spanish Peak Lbr. Co (Quincy, Cal): 2H-15/986;
Spaulding Log. Co: 2H-20/951;
Spruce Falls Power & Paper Co: Box car TLCX #1001 pix 9-28-64/37;
Staley, A. E., Co.: Heated tank car AESX #19770 6-1-64/29;
Standard Coal Co: 2H-13/77;
Standard Lbr. Co: 2H-25/1070;
Standard Lbr. Mills: 1H-28/1535;
Stanray Co: Nuclear waste car SRYX #1 7-9-62/30;
State Docks Commission of Alabama: 1H-26/409;
Stearns Coal & Lbr.: 2H-10/942;
Sudbury Copper Cliffs El. Ry: 2H-16/571;
Sugar Pine Lbr. Co #5 2-10-2T 8-20-27/346;
Sun Oil Co: UTLX #5000 20,000 gal. tank car 1-5-59/29 pix;
Swift Lbr Co: 2H-14/780;
Swift Meat Packing Co: Reefer 8-26-61/28;
Teanaway Log. Ry: 2H-15/923;
Tennessee Coal Iron & Tbr.Co: 1H-09/481;
Tennessee Eastman Co: 1H-22/453;
Texas Utilities Co: 2 new railroad lines 12-29-75/22-23; New coal roads 4-24-78/13; Its RRs 3-29-82/25-26;
Thomas Gravel Co: 2H-21/1332;
Thompson Run Coal & RR: 2H-08/1501
Thunder Creek Transportation & Smelting Co: 2H-08/839, 982;
Timber Products Ry Co: 1H-30/1262;
Tioga Gravel Co: 1H-14/x27?;
Tombinson Lbr Co, K. D. KDTX #354 bulkhead flat car for lbr 3-20-67/15-16;
Top Loader Grain Car Co: TLCX #93 has car long hatch 1-21-63/19;
Toyah Valley Sulphur Co: 1H-19/1842;
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United States Naval Air Sta, Lakehurst, NJ gas hydraulic loco to haul dirigible "Akron" 12-26-31/965;
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Note: The magazine in the 1920s had articles of two to four pages of many foreign countries
Africa: Proposed Trans-Sahara Ry 12-26-19/1245-1247;
Central America: Pan American Ry of Central Am. 2H-09/613, 662, 727;
Afghanistan: Country and its Rys 3-15-18/565-569;
Albania: first Ry 9-7-17/429-430;
Algeria: Beyer Garratt loco with 71" drs. 1-20-34/73-74 & 5-16-36/803-804; RRs and the war effort 3-6-43/456-458; Morocco, Algeria & Tunisia: RRs dieselized 12-109-51/51;
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BIOGRAPHY:

Note: Some RR presidents indexed only under the name of the RR because biography was meager.

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Adams, Henry M., pres. W.P. RR 1-28-31/827-828;
Aishton, Richard H., pres. C&NW 6-2-16/1173-1174;
Ashby, Geo. F., pres. U.P. 10-29-45/1056-1057
Atkinson, Arthur T., pres. Wabash 5-3-46/900
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Baldwin, Lewis W. pres. M.P. obit 5-25-46/1065-1066; pres. M.P., 3-31-23/867-868;
Barnet, John J., pres. NYC&St.L, 7-21-16/100-101, pres. Erie 12-25-26/1256-1258; pres. C&O 6-1-29/1296-1298 pres. C&O, P.M., & NKP 2-18-33/258 pres. C&O obit 7-13-35/45-46;
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Beatty, Edward, pres. CPR 5-9-42/901-902; obit 3-27-43/627;
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Beven, John L. Pres. I.C. 12-17-38/876-877 & obit 1-13-45/151
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Bledsoe, Samuel T., pres. AT&SF 5-6-33/671-672;
Boardman, Wm. H., obit, pres. Simmons Boardman Publishing Co. 2-20-14/351-352;
Boatner, Victor V., pres. CGW 10-12-29/875-876;
Bond, Thomas E. pres EJE 4-26-41/721 & retiring 12-7-46/964-965;
Bowman, Robt. J., pres. PM 12-19-42/1001-1002; pres. C&O 3-2-46/444; retires C&O pres. 11-6-48/860-861
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Budd, Ralph, pres. CB&Q 12-12-31/905-906; pres. CB&Q & Chi. Transit Auth. 9--3-49/408-412 & 9-10-49/466-467;
Bush, B. F., pres. M.P. 3-31-23/867-868;
Burton, Ray, pres. TTX 1-93/24-26;
Byram, Harry E., pres CM&StP 9-21-17/498-499;
Cable, Ransom R. , pres. CRI&P obit 11-26-09/1013
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Carnegie, Andrew, obit - his RR accomplishments 8-15-19/305-309;
Chamberlin, Edwin J., pres. G.T, .5-31-12/1193; 9-7-17/419;
Chinn, Armstrong, pres TRRA 12-14-46/1003;
Clark, James T. pres. CStPM&O, 6-2-16/1175;
Clayton, W. Graham, pres. Amtrak 12-87/29-32;
Clement, Martin Wm pres. Pa. RR6-11-49/1168-1169
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Crawford, David A., pres. Pullman Co. 5-11-29/1111-1112;
Crowley, P. E., pres. N.Y.C. 4-12-24/942-943; 11-14-31/751-752; chairman Mil. RR 12-15-45/979;
Davis, John M., pres. DL&W 6-13-25/1453-1454;
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Dempsey., Wm. H., pres. AAR 1-92/30-31;
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Deramus III, Wm. N., pres. CGW 5-28-49/1091-1092;
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Dunning, S. Wright, Co-founder of RR Gazette, obit 6-7-24/1368-1369;
Earling, Albert J., pres. CM&StP 9-21-17/499-500;
Eastman Joseph B., Director ICC Commission Office of Defense Trans. 3-18-44/532-534;
Edison, Job. A., pres. KCS 12-31-27/1327-1328;
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Ewing, Charles H. pres. Rdg Ry 5-7-32/777-778;
Faricy, Wm. T., pres. AAR 4-5-47/699-689;
Felton, Samuel Morse, pres. CGW 8-27-09/355; 11-7-25/853-855; 3-15-30/653-654;
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Fish, Stuyvesant, pres./ I.C. RR obit 4-14-23/955;
Fitzgerald, Frederick F.: Pres.Alco 5-15-26/1321. obit 11-26-27/1034-1035;
Fitzpatrick, Herbert: Pres., Van Sweringen empire, Mid America Co., 12-12-36/873-874
Flagler, Henry M.: Obit pres. F.E.C.Ry 5-23-13/1130;
Fowler, Thomas P. , pres. NYO&W 9-27-12/582;
Franklin, Walter S., pres. Wabash 10-31-31/679; pres./ Pa. RR 6-11-49/1168-1169
Fraser, Donald W., Alco pres. 3-9-40/445, 452; MKT pres. 11-3-45/715l
French, Edward S., pres. B&M RR 4-19-30/927-928;
Gardner, William A., pres. C&NW 10-28-10/784-785
Garrett, W. P., pres. Pere Marquette 3-13-14/508;
Gavin, Frank J, pres. GN 9-30-39/494-495
Gibbs, Geo., Pa. RR electrification chief en'r obit 6-1-40/996;
Gordon, Donald, pres./ CNR 12-17-49/1090-1093;
Gorman, James E., pres. CRI&P 6-29-17/1487-1488; pres. CRI&P oobit 4-4-42/693-694;
Graham: Joseph M. chief eng/r B&O RR and Erie RR obit (Graham line of Erie named for him) 2-12-09/315;
Gray, Carl R., pres. GN 5-10-12/1058; pres. U.P. & WP 12-12-19/1157; UP pres. 10-2-37/445-447; chairman obit U.P. 5-13-39/827-828;
Green Frederick W. pres./ SL-SW 11-2-46/728;
Grimshaw, Robt. Author "Loco. Catechism" obit 4-19-41/692;
Gurley, Fred G. pres AT&SF 7-29-44/191, 196
Hackworth, Walter S., pres NC&SL 3-16-46/511-512;
Hale, Columbus, pres. MKT 12-25-26/1261-1262;
Hammond, A. L. pres. Ry Exp. Agency 5-7-49/925
Hannaford, Jule M., pres. N.P., 8-29-13/373; 10-8-20/612-613;
Hannauer, Geo., pres. B&M RR obit 10-9-29/1095-1096;
Harahan, James T. Harahan, pres. I.C. bio 12-23/10/1186-1187;
Harahan, Wm. J., pres. C&O and S.A.L. 9-27-12/577; 12-10-20/1035-1036; Pres. C&O & P.M. 7-27-35/113-114; C&O pres. obit 12-18-37/875-876;
Harbet, James M, pres. ST-SW 9-14-17/463; obit 8-12-22/293;
Harding, Warren G. Funeral train San Francisco to Washington, 8-11-23/249-250 & 8-18-23/304-306;
Hardy, Charles J., pres. Am. Car & Fdry Co. 3-4-33/339-340; pres. ACF 6-7-47/1169;
Harriman: Edwin H. , UP pres. obit 9-17-09/491-492
Harris, George B., pres. C.B.&Q. obit 6-14-18/1437;
Harrison, Fairfax: pres. Sou Ry 12-5-13/1084; . obit 2-12-38/303, 308;
Hawley: Edwin , bio, pres. of Hawley RR system, 10-22-09/739-740 & 753-754; Obit 2-9-12/237;
Hayes: Chas. M. , Pres. G.T.Ry bio 10-29-09/808-809; Obit 4-19-12/891;
Head, Leon O., pres. Ry. Express Agency 9-3-32/333-334; , pres Ry Exp. Agency 5-7-49/925
Hill, James B. pres. NC&SL 4-3-26/963-964;
Hill, James Jerome, pres. GN Retires 6-14-12/1342-1345; obit 6-2-16/1163-1164;
Hill, Louis W., chairman GN Ry 10-19-29/929-930;
Hobart, H. R., first Editor Ry. Age Mag. 1876-1898, obit 12-29-28/1322-1323;
Hohnston, Charles E. pres/ KCS 12-31-27/1327-1328;
Holden, Hale, pres C.B.&Q. 9-4-14/428; S.P. chairman 9-1-28/421; Chairman 7-22-39/151-152; SP chairman obit 9-28-40/439, 448;
Howard, H. L., pres. C.G.W. 11-7-25/853-855;
Hughiitt, Marvin, C&NW chairman 4-19-18/1044-1045; retires C&NW 6-27-25/1641-1642;
Hungerford, Clark, pres.. SL-SF 12-28-46/1087
Hungerford, Samuel J., chairman CNR 7-26-41/159-160;
Huntington, Geo. R., obit. Pres. Soo and DSS&A 11-10-23/882;
Huston, James H., pres. NYNH&H 8-1-13/179-180; pres. B&M 1-9-26/185-186;
Hutchins, Curtis M. pres. Bangor & Aroostook 5-29-48/1075
Ingalls, Melville E., obit pres. C&O 7-17-44/100;
Jackson, W. J., pres. C&EI 6-13-13/1313;
Jeffers, Wm. M. Pres. U.P. 10-2-37/445-447; U.P. 10-29-45/1056-1057;
Jeffery, Edward T, prres. D&RG 1-12-17/66;
Jeffrey, Cline T., chairman Soo 9-11-37/341-342
Jenks, Wm. J., pres. N&W 10-31-36/639-640 obit 7-7-37/73; chairman N&W 6-8-46;
Johnson, Lucius E., pres. N.&W., 1-4-18/87-88;
Johnston, Chas. E., pres. KCS 12-31-27/1327-1328;
Johnston, Paul W., pres. Erie 9-24-49/560-561
Jones, Arthur C., chairman WP 11-11-39/750, 753;
Joyce, Patrick H., pres. C.G.W. 11-7-31/713-714;
Kelley, Howard G.. pres. G.T. 9-7-17/417;
Kenly, John R. pres. ACL obit 3-10-28/590;
Kenney, Wm. P., pres. G.N. 2-15-18/365; 12-12-31/905-906; pres. GN obit 1-28-39/191, 194;
Kerr, Duncan J., pres. LV 5-1-37/793-794;
Kingley, J. T. pres. Norfolk Southern Ry 6-14-47/1217
Kruttschmitt, chairman S.P. 4-11-25/945-946; , pres. S.P. 6-13-25/1459-1462;
Kurrie, Harry R. pres CI&L pres. 12-31-38/964-965;
Le Boutilles, Geo., pres. Long Island, 10-20-23/724;
Lee, Henry, pres. Simmons Boardman Publ. Co. 10-17-31/597-598;
Lee, Wm. G., pres. Brotherhood of RR Trainmen obit 10-9-29/1106-1107;
Levey, Charles M., pres. W.P. 6-23-16/1542;
Lomonosoff, Geore Vladimir: Diesel locomotive inventor 7-7-52/161;
Loomis, Edward E., LV pres. 5-1-37/793-794;
Loree, Lenor Fresnel., Urges abandonment 30,000 miles of short lines 4--4-25/870-872; D&H RR 3-12-27/877-878; director MKT, KCS contested 7-7-28/28-30 ; Consolidation plan 9-21-29/679-680; 9-29-28/611-612; reigns D&H 4-9-38/659-661; obit D&H pres. 9-14-40/369-370;
Lovett, Robt. S., chairman U.P. bio 10-29-09/805; 10-20-23/716;
Lowery: Thomas , obit pres. M. St. P. & S. S. M. Ry 2-12-09/300-301
Loyall, Geo. R., pres. Norfolk Southern Ry: 5-27-21/1241;
Lyne, James G., pres. Simmons Boardman Pub. Co 2-19-49/412; obit 1-24-66/34-35, 47, 50
MacNamara, G. Allan, pres Soo 12-24-49/1135-1136;
Maher, N.D., pres. N.&W. 1-4-18/87-88; 4-26-24/1051-1052;
Major, C. A., pres. LV 5-3-47/890;
Mapother, Wible L., pres. L.&N. 3-25-21/800; obit 2-6-26/401-402;
Markham: Chas. H. , pres. I.C. bio 12-30-10/1254; chairman 9-18-26/512-514; obit 11-29-30/1185-1186;
McAdoo, Wm. G., obit 2-8-41/297
McCarthy, Wilson, pres. D&RGW 4-26-47/843-844;
McCrea, James M.: pres. Pa. RR 11-22-12/992;
McDonald Angus D., pres. SP obit 11-22-41/883-884;
McDonald, Morris: pres. Maine Central 7-18-13/88;
McGinnis, Patrick B., chairman Nor.Sou, 6-14-47/1217; 4--5-54/79-80;
Mercier, Armand T, pres. SP 12-13-41/999-1000;
Metzman, Gustav, pres. NYC 8-19-44/303'
Miller, Darius, pres. C.B.&Q. obit 8-28-14/384-385;
Miller, Roswell: Pres. CM&StP obit 1-10-13/54;
Moore, Earl T. heads CNJ 11-1-47/746-747;
Morfa, Raymond J., pres MKT 10-19-45/602;
Mudge, Henry V., pres. CRI&P and D&RG, 11-12-15/900; obit 2-6-20/419;
Murphy, Harry C., pres CB&Q 8-13-49/298
Needles, Arthur C. pres. N&W 4-26-24/1051-1052; obit 10-31-36/639-640; 12-5-36/838
Neff, Paul J., pres MP 6-1-46/1106;
Newton, Carl E. pres. C&O 12-19-42/1001-1002;
Nixon, W. C., pres. SL-SF 11-14-13//914; 9-1-16/380-381
Norris, Ernest E., pres. Sou. Ry 10-30-37/611-612;
Nuelle, Joseph H., pres. D&H 5-14-38/843-844;
Palmer, Howard S., pres. NYNH&H 109-13-34/447;p res. NYNH&H 10-11-47/616-617 & retires 8-21-48/373-374;`

Pearson, Edward J .pres. NYNH&H 4-27-17/905-906; pres. NYNH&H 12-1-28/1093-1094; obit 12-15-28/1198;
Pelley, John J. pres. NYNH&H 2-23-29/461-462; AAR pres. obit 11-23-46/880-881
Pennington, Edmund, chairman MSP&SSM 5-8-26/1269-1270;
Peters, Ralph, obit pres. L.I.RR 10-13-23/687;
Peyton, John H., pres. N.C.&St.L, 1-2-14/30;
Pitcairn, Norman B. chairman Wabash 5-3-46/900, 5-30-42/1075, 1087;
Pitcairn: Robert Pitcairn, Pa. RR eng'r & supt. (yard named for him at Pittsburgh) 7-30-09/200-201
Pollard, Henry D. pres. C.of Ga. 6-27-31/1235; pres obit C.ofGa. 1-17-42/213, 218;
Porter, H. Kirke, obit. pres. H. K. Porton Loco. company 4-15-21/957;
Powell, Thomas C., pres .&E.I., 7-18-25/141;
Pyeatt, John Samuel, pres. D.&R.G. 1-10-25/189-190; obit pres D&RGW & chairman MP 11-9-46/766-767;
Qoodruff, Robt. E. pres. Erie 10-28-39/659-660;
Ramsey, Jr., Joseph, obit. pres. Wabash 7-14-16/65;
Randolph, Epes, obit, pres. Arizona Eastern Ry, 9--3-21437-438;
Rea, Samuel: pres. Pa. RR 11-12-12/993-994; 9-26-25/563-566; obit 3-30-29/739-740;
Reid, Robt. G. , obit owner Newfoundland Ry 6-26-08/279
Ripley, Edward P., obit. A.T.&S.F. pres. 2-13-20/469-471;
Roddewig, Clair M., pres C&EI 5-28-49/1093-1094;
Rogers, Scott M., pres EJ&E 4-26-41/721;
Ross, Walter L. Pres. TStL&W 8-23-12/354;
Rush, Benj. F., pres. W.P. 7-25-13/150;
Salmon, Wilmer W. pres. General Ry. Signal Co., since 1904, obit 2-1-36/215;
Sargeant, Fred. W, pres. C.&N.W., 6-27-25/1642; pres C&NW 6-3-39/945
Scandrett, H. A. pres. Mil. 12-15-45/979;
Scheer, Edward W. Pres,. Rdg & CNJ 1-11-36/121; pres. Rdg. 7-1-44/6
Schoff, Charles E., pres. MKT 2-20-26/485-486;
Scott, Mathew S., pres. MKT obit 6-23-45/1095;
Scott, Walter R, pres. T&NO of the SP. obit 12-25-26/1263-1264;
Shaughnessy, Lord, obit, chairman C.P.R. 12-15-23/1100;
Simmons, Edward A., Simmons Boardman Publishing Co. obit 10-3-31/511-512;
Sloan, Mathew S., pres. MKT 4-21-34/575-576;
Smith, Alfred H.: pres. NYC 212-12-13/1129;
Smith, Marvin W., pres. Baldwin 5-14-49/957;
Smith, Milton H., obit pres. L&N, 3-4-21/515;
Smith, Robt. H., pres. N&W 6-8-46/1140;
Sperry, Elmer A. founder Sperry rail cars obit 6-21-30/1489;
Stevens, Geo. W., obit pres. C&O, 11-5-20/800;
Stiockeny, Alpheus B, obit, pres. C.G.W. 8-18-16/278;
Stoddard, Arthur E., pres U.P. 3-5-49/497;
Stone, Warren, obit pres. Bessemer & Lake Erie 6-20-25/1527-1528;
Storey, Wm, pres AT&SF obit 11-2-40/634-635;
Stover, Holly, pres C&EI 9-10-44/439; pres. C&EI 5-24-47/1081;
Strong, Wm. Barstow, obit, ex pres. A.T.&S.F. 8-7-14/266 & 8-21-14/324; pres. AT&SF 5-6-33/671-672;
Symington, Thomas H., pres. T. H. Symington Co. obit 9-26-31/477-478;
Taussig, James E., pres. Wabash 9-19-31/445-446;
Thomas Eben B., obit, L.V. chairman 9-12-19/507-508;
Thompson, Fred. A. chairman SL-SF 12-28-46/1087;
Thornton, Henry W., C.N.R. obit 3-18-33/395-396;
Tigrett, I. B. pres. GM&O 9-21-40/397-398/409;
Todd, Percy R., Pres. Bangor & Aroostook obit 11-2-35/575-576;
Truesdale, Wm. H., DL&W chairman retires 11-7-31/715-716;
Trumbull, Frank: Chairman MKT 2-16-12/277;
Tuohy, Walter J. pres. C&O 11-6-48/860-861;
Tuttle, Lucius, obit pres. B.&M./ 12-4-14/1045-1046;
Underwood, Frederick D., pres. Erie 12-25-26/1255;
Upthegrove, Daniel, pres. ST-SW 9-21-46/474-475;
Van Horne, Wm. C., obit C.P.R. builder 9-17-15/498;
Van Sweringen, Oris P. C&O obit 11-28-36/793-794;
Van Sweringen brothers: probably to get C. & O. RR 12-30-22/1219; proposed system C&O, HV, PM, Erie, NKP 2-23-29/448-451; Van Swerengen empire investigated 12-12-36/875-878 & 12-19-36/899;
Vanderbilt, Cornelius, firebox & tender designer obit 3-7-42/504;
Vanderbilt, Wm. K., obit, N.Y.C. 7-30-20/196-197;
Vauclain, Samuel M, Baldwin Loco. Wks retires 4-6-29/791-792; obit 2-10-40/282-283l
Vaughan, Robt. C., pres. CNR 7-26-41/159-160
Voorhees, Theodore, pres. P.&R., 5-15-14/1071, obit 3-17-16/475;
Walters, Henry, ACL chairman obit 12-5-31/869;
Warfield, S. Davies, pres. SAL obit 10-29-27/853-854;
Webster, Geo., W, pres. Soo 9-11-37/341-342
Westinghouse, Geo., air brake inventor, obit 3-20-14/675-678; Memorial at Schenley Park, Pitts. 10-11-30/732-733
Westinghouse, Henry Herman. Chairman of West. El. & Mfg., Westinghouse Air Brake, and Union Switch & Signal Co. obit 11-25-33/759;
White, Robt. V., pres L&NE retires 2-7-48/301;
White, Roy B. pres. CNJ 11-6-26/901-903; pres. B&O 5-3-41/755-756;
White, Wm. pres. DL&W 12-7-40/870-871;
Whitehead, Chas. N., MKT pres. 4-17-26/1071-1072; obit 12-18-26/1227;
Whitman, Frederick B., pres WP 10-9-48/671-672;
Whitney, Alexander, pres. B.ofRyT. obit 7-23-49/179;
Whittemore, Laurence F., pres NYNH&H 9-4-48/459--461;
Wilkes, Rowland L. head C&NW 7-29-39/180-181;
Willard, Daniel , bio 1-7-10/49; retires B&O 5-3-41/755-756
Williams, Albert N, chairman LV 8-5-39/216-217; pres. LV 6-21-41/1105, 1119;
Williams, Eugene S, pres. WM RR 1-17-48/171
Williams, Wm. H. , pres. Wabash 9-19-31/445-446; obit 10-17-31/605;
Williamson, Frederic E., pres. CB&Q 12-15-28/1197; pres. NYC 11-14-31/751-752; pres. NYC obit 10-7-44/549; pres. NYC 8-19-44/303;
Wilson, Philip J., pres. obit TRRA 11-9-46/755;
Winchell: Benj. L. pres SL-SF bio 12-10-09/1137-1138
Wise, Marion J., pres.C.ofGa. 7-17-48/1543, 157
Woodin, Wm. H., pres. American Loco. Co and Am. Car & Fdry Co 12-12-25/1109-1110; pres. Alco 4-27-29/967-968;
Woodruff, Robt. E., pres Erie 10-28-39/659-660; 11-1-41/712-713; Chairman Erie 9-24-49/560-561;
Worthington, B. A.: pres. Chi. & Alton 6-28-12/1607;
Wright, Roy V., editor Ry. Age obit 7-17-48/137-140;
Young, Joseph H., pres. D.&R.G. 4-29-21/1027; Pres. of 9 railroads 2-4-52/91;
Young, Robt. R: Request for NYC directorship 3-6-48/480-482; Suicide 2-3-58/28. See also N. Y. C. RR

BRAKES

ABDW higher speed brake valve for freight cars 3-28-77/30
Air Brake research 3-18-33/390-393; "AB" design for frt. cars 1-28-33/98-103 & 9-23-33/424-428 & 4-21-34/579-580;
Brakes for the 1990s and later 1-92/35-37;
Disc brakes: Developed by Budd for pass. cars 11-8-47/775; Demonstrated 8-11-52/57; 12-9-57/30-31, 36; Disc brakes for frt. cars 12-1-58/28-30;
Dynamic brake 9-9-44/400-402;
Electro pneumatic brakes High speed train braking 5-18-40/861 or 881 - 864 or 884; 3-14-42/529-534; Needed for long frts. 2-95/31-39; electronic pneumatic braking - wired or wireless? 9-96/105-108; Coming 10-96/37-41 & 5-97/43, 46, 48; 3-98/39-46; 8-98/55-60, 83; For frts 9-99/61-62, 65;
Hand brakes, high powered for frt. cars 2-23-35/298;
History and future 6-83/53-55;
Load compensating brakes 12-30-44/985-987, 1000; 10-25-47/690-692;
Microprocessors to control brake systems of WABCO and NYAB 7-89/45-46;
Shoes: Composition versus iron 7-24-67/29;
Stuck brakes 7-19-54/30;

CARS, PASSENGER

Note: The last December issue each year 1909 (and probably earlier) thru 1926 gave a detailed listing of all passenger cars purchased during the year giving type of car, number orders, from whom, and some other information but no car numbers.
Chapel cars: Am. Baptist Pub. Society and Catholic Church 4-16-15/825-826;
Commuter cars, Bi-Level made in Japan 10-90/39-44;
Coaches: 9-28-40/432-434 (coaches indexed to owning RR)
Dining cars: ACF electronic diner 4-19-47/784-791, 802;
First all steel car sleeper "Jamestown" 4-29-10/1084-1086;
Fish baggage cars Illinois 7-21-16/116-117
High speed car design 11-8-65/9, 12;
Hospital cars 12-1-16/1003-1004; U. S. Army 11-1-54/58-59;
Light Weight (See also manufacturers and RRs that operated them) - low center of gravity: Talgo 4-23-49/820-825 & 9--5-55/38-39; s Lt. wt. cars 5-18-53/129-131; cars for future 5-16-55/126-133; 6-20-55/64-68; 9-5-55/38-39; 5-21-56/81-83; noise problems 1-21-57/37-38;
Observation car: Pullman Co aluminum C car 6-3-33/789-793 & 6-10-33/823-826; 2 unit articulated sleeper-obs. car 9-5-36/340-342;
Private Car: "Ferdinand Magellan" used by Pres. Roosevelt sold to U.S. Govt. for $10 by Pullman Co. 11-9-46/773;
Sleeping cars (See also Pullman Co, car builder), New cars for International Sleeping Car Co (Wagon Lits) 12-16-22/1136-1139; Permanent headboards give greater privacy in section sleepers 3-3-23/514; Pullman car improvements 10-15-20/661-664; All bedroom cars 4-2-27/1071-1072; How Pullman Co. handles its supplies 7-23-27/133-135; Design of sleeper by A. R. Rossman, Plainfield, NJ 8-6-27/261; light wt. sleeper 1-9-37/108-109; All roomette car tested 9-4-37/317; Triple tier economy sleeper tested 4-27-40/750-751; Coach sleeper sleeps 45 6-29-40/1193-1194; Duplex roomette with 24 rooms (basis of later slumber coach design 4-25-42/822, 826; 48 heavy sleepers remodeled by Pullman 6-3-50/1090-1092
Stainless steel cars, first 2-8-36/238-242;
Streamline structural design 10-14-39/583-588
United States RR Administration: Std. baggage car 9-27-18/584-586;; Std. pass. car design 1-24-19/255-256;
Weight reduction 12-28-46/1082-1086;v

CARS, SELF PROPELLED PASSENGER

Note: The last December issue each year 1909 (and probably earlier) thru 1926 gave a detailed listing of all passenger cars purchased during the year giving type of car, number orders, from whom, and some other information but no car numbers.
Diesel mechanical: Budd Co RDC 9-17-49/496-501; New design, "Regie Sprinter" 4-96/64 & 5-96/30; Their potential 4-97/77-79;
Gas Electric cars: Gen. El. Co. experimental car 6-22-09/1451-1452; Discussed 3-30-29/724-729;
Gas rail buses: 4 wheel gas pass. car for Tammy & New Orleans Ry & Ferry Co, La. 6-17-10/1609; 6-10-21/1363-1364; 7-1-22/17-20;
Gas turbine cars: Gen. El. Co 11-11-74/10; Garrett Co design 10-14-74/16;
Rail bus possibilities: British Leyland FRM rail bus tested in New Hampshire 12-8-80/32-34; British bus tested on Old Colony & Newport RR & elsewhere 6-85/79;
R.D.C. rebuilt 11-96/61-69;

Steel car study 11-21-13/947-952;
Brill double ended controlled gas el. car 10-24-25/757-758;
Coordinated Transportation Inc: Small multipurpose branch line rail car 2-11-39/256-258;
Fairbanks Morse Co: Pneumatic tired rail buses 12-16-33/647-649;
Kalamazoo rail car bus for branch lines pix 11-21-36/713;
Mack rail car 4-19-24/975-977;
Railway Locomotor Co. steam car #1 10-15-27/717-719;
Service Ry Motor Truck Co: Rail bus 5-6-22/1069-1070
Sykes Co: 2 car gas motor train 8-16--23/291-292
Unit Ry Car Co: Steam car #101 6-18-19/1473-1475;

CARS, FREIGHT
Note: The last December issue each year 1909 (and probably earlier) thru 1926 gave a detailed listing of all freight cars purchased during the year giving type of car, number orders, from whom and some other information but no car numbers.
Car supply, new cars versus scrapping & new car designs 1982-1995 9-96/59-70; Car ownership vs new cars 1978-1989 3-88/49-54;
Coal burning utility company ownership of frt. cars - about 12,000 9-26-77/28-29;
Freight cars of future 6-23-34/915-917, 920; alum. & fibre glass 5-25-81/26-29; New designs 6-89/45-53; & 7-31-61/40-43; 150 ton cars in regular use 11-1-65/11-12; New cars in 1972 6026072/24-28B; In 1970s-90s the magazine showed small pictures with only photo caption descriptions of variations of new cars that formerly were given a half page to several pages.
Aluminum cars - 10th year 7-22-33/147-150; 13th year 2-22-36/303-308; 3-27-48/610-613; hopper cars 1-17-66/31-34; Covered hoppers & open by Johnstown Am, Thrall Car & Trinity Ind. 9-97/43-52, 56; 9-97/43-52, 56; Time has come again 6-83/26-27; alum. coal car status 5-84/41-44; alum. cars of future 10-91/35-38;
Automobile box cars: 7-16-20/108; interior drwg 5-25-40/926;
Automobile rack cars (See also Trailer Train Co and car builders): Tri level cars 2-15-60/32 & 6-13-60/70; articulated design 1-23-61/35; rack car designs 5-1-61/12-14; Covered over to protect cars from rocks 6-25-73/42-45, 53; 9-10-73/36-38, 70; Rail {ac auto cars 3-25-74/48; Tri level car 9-29-75/36' being enclosed 10-25-76/40-41 & 9-27-78/26-29; rack cars 9-14-81/26 & 10-26-81/16-26 & 4-84/50-51; articulated bi level rack car by Thrall Co 8-91/50; Auto stack 6-93/37-40; Gunderson's "Auto Max" 9-97/44;
Box car: All steel car of Bettendorf Axle Co. 6-20-11/1589 & 6-17-15/1398; Should they be 40 ton or 50 ton 7-20-29/209-211; All steel car to become std. 7-9-32/47-51; Am. Ry Assoc. test car 6-30-34/961 pix; v ACF welded box car ACFX #30000 11-5-38/654-658; first all alum. box car 3-3-45/429 & 3-10-45/444-447; Continuous door entire side 10-3-55/42; Box cars to be made obsolete by piggy back prediction 3-11-57/15, 27; Sliding center sills 12-21-59/42, 56, 48; Running board elimination 6-27-66/24; Insulated for beer #376001 6-27-77/46;
Cattle cars: New design eliminates unloading stock 28-32 hours 6-14-82/40;
Coal carrying cares of ACF/Amcar, Berwind Forge, Bethlehem Steel, Derby Co, Evans, FMC, Greenville, Ortner, Pullman Std, Thrall, Youngstown Steel 2-25-80/39-41;
Containers: for L.C.L. freight 9-24-20/515-517; Bonner Railwagon for containers 5-2-31/863-864;
Cylinder: Ely's grain car of 1880 4-28-80/56;
Flat cars: Osterman Mfg. Co. 50T flat car #70000 6-24-09/1509; Clejan piggy back car 9-7-59/ 14-15;
Gondola cars: concrete 7-4-25/41-44; 100 ton gond. with 4 wheel trucks PSCX #1091 in use 9 years 8-16-30/331-332;
Hopper Car: 70 ton with steel underframe 4-1-33/472-474; Lt. wt. car 15 tons carrying 70 of Pressed Steel Car Co 11-10-34/573-575; USS Corp-Ten steel 4-6-46/722-723; Covered 1-12-81/32-34; 100 ton covered hoppers replace 80 tons 6-9-80.24-25;
Hopper Car, Covered: Dry-Flo car 4-9-32/605 1-21-33/68-69; Cement cars 6-30-34/985-986; ACF cement car ACFX 50000 2-15-41/313-315; Chas. J. Hardy pres & history 6-7-47/1169;
Ore: Pressed Steel Car Co #111 6-15-10/1466-1467
Rack cars: See Automobile Rack Cars
Refrigerator cars:: Union Fibre Co. reefer #1 6-17-10/1609-1610; U. S. R. A. std. reefer car 11-22-18/906-910; 4 wheel reefers 12-9-33/812-814; mechanical design 11-16-29/1155-1197; & 2-18-28/406-408; Reefer cars need redesign 5-18-35/769-771; car heating 4-3-37/599-600; post war designs 1-29-49/258-260; Plywood car SLRX 8-24-40/274-278; Mechanical reefers get traffic 2-8-60/44, 28; Rail vs truck trailers for frozen food 4-18-55/49-55; (Many articles on mechanical vs ice index by builder or car owning company;
Road Railers: See RAILROADS, FREIGHT SERVICE
Schnable car for transformers 3-18-57/12;
Stock cars: See cattle cars/
Tank cars: Chicago Steel Co new design #10002 7-15-10/116-119; J&L Steel 20,000 gal. tank car #1020 6-11-27/1857 pix. ; Changes - no dome, center sill or running boards 5-5-58/33; Fibre glass cars, 4-8-63/34, 42; 60,000 gal. car (biggest ever built. Looked like a pregnant pig) 10-4-65/24-25 & 10-11-65/22-23: Retrofit to make safer 6-26-78/31-33; see Car Builders and individual companies owning them.
United States RR Administration std. frt. cars: 4-5-18/86883 & Box, hopper, gond. 4-12-18/987-990; Refrigerator car 11-22-18/906-910; #200,000 first std USRA model, hopper pix 7-19-18/137;

CARS, NON REVENUE
See also MAINTENANCE OF WAY
Scale test car 4-21-16/903-907; Gunderson Bros. car 10-26-70/87;
Caboose: U. S.R. A. std. design 12-19-19/1187-1189
Dump, side: of Kilborne & Jacobs Mfg. 8-15-13/295; Austin Weston 20 yard air dump #165260 3-15-47/553;

CAR LEASING
Chrysler Rail Co: 6-91/42-43;
Citicorp Railmark, Inc. 6-91/44-46;
General Electric leasing 6-91/50-54;
Itel Co 7-30-79/30-32; Sells its brand new rail car plant 8-27-79/16 Ownership of short lines 11-88-25-27; Articulated piggy back cars 8-31-81/18-19; Car repair shop 9-89/63; 73,000 cars for leasing 9-90/99;
National Rail Utilization Corp: unneeded cars due to recession 12-29-80/36;

CAR COMPONENTS:
Air conditioning: First "conditioned car" for B&O "Martha Washington" diner 8-9-30/267-269; 5000 cars to be air conditioned by end of 1934 3-17-34/371-375;
Bearings: Spherical roller bearing advantages 3-3-23/517-519; Stafford roller brgs 3-3-23/872-874; Roller bearing advantages 10-15-27/709-713; roller brg progress report 10-12-29/865-868; Frt. car roller brgs 2-14-48/348-349; Plain or roller 10-29-49/754-756, 769; Savings if all cars had roller brgs 12-31-51/37-42 & 1-7-52/63-66; Plain brgs 2-4-52/84-87; Case for solid brgs 1-5-53/44-47; Roller brgs economically feasible 7-30-56/26-29; Solid brgs rebuttal to roller brgs 10-22-56/22-26; flat back brgs eliminate hot boxes 8-1-60/18-19; Improving roller bearing performance 2-92/71-73, 78;
Couplers: Type D 8-13-20/285-287;
Lighting, fluorescent car light test 10-15-38/561-562;
Running boards - elimination on box cars 6-27-66/24; tank cars 5-5-58/33;
Seats, Coach 2-23-46/407;
Draft gears: Center sill: cushioned sliding "Hyroform" 5-13-63/9-10 & 12-2-59/42, 48, 56; Cushioned draft gears 2-27-67/34-35, 76;
Trucks: New arch bar truck design 9-1-23/377-378; Lamont 6 wheel frt. car truck 3-18-21/729-731; Buckeye 6 wheel frt. car truck 8-31-17/387-388 & 6-3-21/1269-1270; Boyden Steel Co. 6 wheel frt. car truck 4-21-23/993-995; & 9-20-24/487-489; Arch bar truck prohibited for interchange 1-1-36 (later extended but not indexed) 6-23-30/1548D1; High speed truck tested 4-16-32/643-648; Arch bar truck failures 9-21-35/367-368; Trucks for 80 mpg frts report 9-21-40/390-393, 412; design 12-18-48/1158-1163; Allied Ry Equipment Co. cushion high speed frt truck 2-1-41/252-253; Frt car truck designs up to 100 mph 2-26-44/422-423; Sdt. Steel Fdry high speed frt car truck 1-22-44/242-244; Am. Steel Fdry 6 wheel truck 6-30-63/27; Frt. truck improvements 9-12-77/24-28; designs 9-8-80/30-48 (includes 9 pages of adv.); 4-27-81/40-43, 46-47; Improvements 12-83/48-50; Truck changes - slow for 80 years 3-86/37-41; Trucks for 2000's 1-95/46-49; New trucks 3-96/55-60
Train line connectors, Robinson automatic connector 12-24-21/1259-1263;
Wheels: firestone pneumatic rail tires rested (No good on wet rail) 12-31-32/981-982; Revising the design 2-92/75-77; New design AARX-1 2-19-51/29-30;
Precooling pass. car equipment (prior to air conditioning 10-15-32/541-542;

CAR BUILDERS
Alsthon Car Co: Makes light rail cars 2-88/LR21-LR-22
American Car & Foundry Co: Steel tank car #7407 built at Berwick 6-12-12/1278-1280; W. H. Wooden, pres. 12-12-25/1109-1110; Chas. J. Hardy pres. 3-4-33/339-340; Talgo train 4-23-49/820-825; Talgo train 12-26-55/24-27; low level piggy back car 10-29-62/32-33; Rotary dump and bottom dump 100 ton cars 6-24-63/52-53; Center Flow cars ACFX #105 10-28-63/38-39; Frt. car designs 9-20-65/16-18; Flat car for intermodal 2-5-68/26-27; 25,000 center flow cars built 10-27-69/48; Center flow covered hopper ACFDX #96051 10-30-72/46; Hopper car "Cannonaide" ACFX 96169 8-11-75/8; "Glasshopper covered hopper 3-30-81/56-57; Closes St. Louis plant leaving only Huntington for center flo hoppers and Milton for tank cars 211-84/26;
Atelier Montreal car rebuilder 1-93/47-49;
BASF Corp: 23,777 gal. tank car DBCX #431 2-89/37;
Berwick Forge & Fabricating Co (Formerly ACF Berwick plant closed because of excessive union problems) 5-10-65/20-21;
Berwick Frt. Car Co: Formed 6-89/25;
Berwind Forge Co alum coal gond. BFFX #44800 9-83/55-59; Berwind Ry. Service Co. car repair shop 6-30/44-45;
Bethlehem Steel Co: 5 unit, 110 foot articulated coal car 11-91/77; coal car BSCX #201 5-29-78/30-31;
Bettendorf Axle Co: All steel box car 6-20-11/1589; All steel box car 6-17-15/1398
Boeing Vertol Co: first light rail cars 12-10-73/52; 6-10-74/26-28; To quit making rapid transit cars 12-11-78/11-12;
Bombadier: LRC light rail car 5-9-77/28; Bombadier/Montreal Loco. Wks 8-14-78/28-29, 32;
Brill double ended controlled gas el. car 10-24-25/757-758; Develops 400 hp & 535 hp engine fort gas el. car 10-26-29/973-976; Rail Diesel Car (RDC) 12-30-50/32-35; RDC success 3-23-53/70-72; "Siesta" (slumber) coach 6-1-53/59-62; Light wt. coaches 12-26-55/28-30; Pioneer III lt. wt. coach 7-23-56/38-42; 125 mph train N. Y. to Boston proposed 8-24-64/33; high speed train 7-3-65/11-12; SPV-2000 rail car 2-13-78/35 & 5-8-78/38 & 9-13-78/10 and commuter car SPV-2000 9-29-80/14-15; Last U.S. pass. car bldr concerned about the future 2-9-81/14-17;
Budd Micheline Rail Cars runs on pneumatic tires 3-5-32/401-404; "Lafayette" rubber tired rail car for France 5-28-32/932; RDC cars 9-17-49/496-501; Edward G. Budd, founder, obit 12-7-46/9/963;
Campbell Oder Co: side dump car 10-15-09/733

Canadian Light Rail Vehicle, CLRV, first 7-14-76/29-31;
Chicago Steel Co: Tank car new design #10002 7-15-10/116-119
Clark Equipt. Co: Alum. body gas power railcar 4-15-33/544-547;
Coordinated Transportation Inc: Small multipurpose branch line rail car 2-11-39/256-258;
Davenport Besler: 3 car train for Columbia 6-4-49/1118-1121;
Dome Ry Service Co: St. Louis shop 7-25-77/62-64;
F.M.C. Rail equipment division making frt. cars 5-14-79/28-29 & 11-8-82/18-21;
Fitz Hugh Luthor & Co : side dump car 4-28-11/1021-1022
Foos Gas Eng. Co. diesel el. car 7-7-28/17-19;
Four Wheel Drive Co: Rail bus for 35 pass. 10-21-33/561-562;
Garrett Co: Gas turbine electric rail pass. car 10-14-74/16;
General American Car Co: "Articar" reefer car using CO2 GARY #68000 5-91/72 & 9-912/10-11; Air slide covered hopper success 2-13-56/35-37;
General Electric Co: Gas turbine electric pass. rail car 11-11-74/10; Pass. car repair shop 2-10-75/34;
General Motors Co: "Train of Tomorrow" 5-31-47/1110-1111 & 7-26-47/149-156; "Train of Tomorrow" 6-20-55/7-8 & 7-4-55/8-9; Aerotrain being tested 12-19-55/7 & 12-26-55/30-34 "Astro Liner" 8--4-55/203-206; 75' piggy back car 6-22-53/11 pix; Reefer car "Frigerfrater" FGEX #1100 8-22-55/36-42; Piggy back cars and terminal 10-5-53/80-85;
Greenville Steel Car Co: Tub bottom coal cars GSCX #1001 4-10-78/68l;
Johnstown American Co: Takes over Bethlehem Steel Co's Johnstown works 1-92/60; new car designs 9-93/71-76; trough train 13 segment coal card 9-94/60;
Koppel Industrial Car & Equipt. #494 70 ton air operated side dump car 10-25-30/859-860;
Mack rail car 4-19-24/975-977;
Magor Car Co: Side dump cars 8-29-25/406;
Milwaukee Car Mfg. Co.: 6-19-08/174-175;
Morrison Knudson's Hornel commuter car shop 9-85/80-85 & 4-90/48-50
Mount Vernon Car Co: Lt. wt. box car MVCMCX #9000 6-22-35/957-958; Aluminum box car first all alum car 3-3-45/429 & 3-10-45/444-447;
National Car Co: Box car for bulk flour NX 1360 6-4-49/1126-1127;
North American Car Co: Future 7-25-60/32-36; covered hopper 11-27-65/16-17;
Ortner Rapid Discharge hopper car 12-26-77/54;
Portect Co: Car bldr and new ca designs for coal handling and single axle piggy back cars 4-12-82/21-28;
Pressed Steel Car Co: Ore car #111 6-15-10/1466-1467; 100 ton gond. with 4 wheel trucks PSCX #1091 8-16-30/331-332; Cor-Ten hopper car PSCC #1000 wt 15 tons, 70 ton capacity 11-10-34/573-575; coaches 9-28-40/432-434;
Procar Ltd.: 50,000 gal. tank car 4-25-66/42-543;
Pullman Co (Mfg. & Operating).: Edward F. Carey pres. obit 4-27-29/973; Daniel A. Crawford, pres. 5-11-29/1111-1112; Operation of company 12-21-29/1441-1442; Acquires Std. Steel Car Co & Osgood Bradley Car Co 1-11-30/151-152; Company's history 5-17-30/1195-1197; Operation of dining cars on 19 RRs 2-4-33/194-195; Service promotion 9-16-33/395-398; "Railplane" car 10-7-33/489-490; First steel reefer #1500 2-15-36/272-274; PGSX #1000 hopper 4-1-33/472-474; Post war plans 10-16-43/600-601; Trial on its monopoly 11-8-41/752, 802, 889 & 6-6-42/1129-1131 & 6-27-42/1250-1251; Declared a monopoly 4-24-43/831-832'; Will sell operating dept. 1-29-44/290-291; Dissolution of sleeping car operations 11-10-45/758 & 12-8-45/934-935, 943; Sale to 50 RRs proposed 1-12-46/155, 159; Pullman Co has 2400 troop sleepers & 500 troop kitchen cars returned to Reconstruction Finance Co for resale 11-2-46/736; Robt. R. Young opposes sale to 46 RRs 11-23-46/894-896; Cars now under RR ownership 7-12-47/81-82; P-S-1 Std box car (first of the PS series) to L.V.RR #8200 11-1-47/733-736; "Unicel" box reefer PSCX #1321 10-14-50/24-27; History of Pullman cars 10-28-50/164-166; 100th year at Michigan City plant 6-30-52/43-57; Covered std. hopper PS-2 3-9-53/119-121; Pullman Std. Car Manuf'g Co 5-16-55/27; Flat cars PS-4 9-12-55/55-56; Slumber coach 9-10-55/50-51; Frt. car situation 10-24-55/17-24; Train X & light Wt. trains 12-26-55/24-38 & 3-19-56/33-36; PS-5 gond 4-22-57/30-31; 89' flat car 11' lower than std. 7-24-61/19; Larger hopper cars 10-18-65/26-29; Hammond, Ind. car works 9-26-66/57; research center 6-26-67/46-47; Bessemer, Ala. 200,000 cars, 2300 employees 8-31-70/41; PS-2 covered hopper 9-11-72/66-67; Coal gondola 9-30-74/10-11; New hopper cars 2-24-75/23; Auto-Flo & T-16 hopper cars 3-29-76/44; Gond. and hopper coal cars 9-13-76/71-78; Blue Ox wood chip car PLCX #81 10-25-76/20-22; Discontinues pass. car bldg 4-9-79/8-9; 1,000,000 car 8-27-79/41-43; Annual Reports: 4-8-33/505, 514, 537-539; 3-28-36/559-560; 3-27-37/554-555, 575-577; 3-26-38/589-591; 3-25-39/545-547; 3-23-40/549, 562-564; 1941 & 1942 ?? See vol's indexes 4-10-43/736-742; 4-15-44/744-745; 3-31-45/601-603; 4-13-46/791-793;
Pullman Transportation Co, a division of Wheelabrator Frye Co acquires Pullman Std. 10-12-81/8; Future 11-9-81/10;
Railway Locoomotor Co: Steam rail car #1 10-15-27/717-719; Closing Hammond, Ind. & Bessemer, Ala plants leaving only Butler 12-9-81/8; Frt. car mfg business drys up because of 1981-82 recession and labor union problems 2-22-82/12; Future as seen by its president 6-14-82/23-26l "Pegas" lt wt alum coal car PSMX #111 6-84/61;
Ralston Car Co: box and cattle cars 8-28-08/811-813;
Rustless Iron Co of Am. lt. wt. hopper car RICX #11 6-22-35/954-956;
Safety Car & Htg & Ltg. Co mechanical reefer 2-18-28/406-408;
Saint Louis Car Co: Rail car performance with Ingersoll Rand engine 5-26-34/773-775;
Service Ry Motor Truck Co: Rail bus 5-6-22/1069-1070
Summers Steel Car Co: Box car #104 3-22-12/677-680;
Sykes Co: 2 car gas motor train 8-16--23/291-292
Theta 80: New covered hopper design TCAX #1002 1-83/51-52;
Thrall Car Co: "Alstar" gond. TCAX #1018 4-87/22; articulated bilevel auto rack car 8-91/50; Comeback 2-92/65-66
Transit American, Inc: Takes over Budd Car Mfg. Co. 1-85/59-60; Hi Cube 2000 articulated 2 unit covered hopper BUDX 6250 11-85/23 & 12-85/75 & 6-86/71;
Trinity Industries: New covered hopper 5820 cu ft TILX #6200 10-85/32; Power Flo covered hopper TILX #5000 12-87/21;
Twin Coach Co: Rail bus #301 with pneumatic tires for branch line 6-24-33/892-893;
Union Fibre Co: Model reefer car #1 6-17-10/1609-1610
Union Tank Car Co: Baton Rouge car repair shop 10-20-58/25, 34. (See also non railroad car owning companies.) Redesigns cars 10-91/44; covered hopper #59540 2-92/65;
Unit Ry Car Co: Steam car #101 6-18-19/1473-1475;
United Aircraft Co: Turbine train 12-6-65/11-12; Commuter and inter city turbo driven cars 3-7-66/25, 26; Turbo train 6-19-67/25-29, 59; Co: Hopper car WRAX #100 6-25-28/1490D-72-74;
Youngstown Steel Door Co: "Bathtub" gond. coal car YDSDX #1876 9-13-76/88; Backpack container car 6-29-81/34;

COMPETITION

Competition: Competition began to affect the RRs beginning about 1928.; Changes in air lines, buses, trucking 10-28-33/590-592; Waterways & trucks & airways 12-8-28/1132-1134; Planned superhighways and other socialist ventures may force RR industry to seek Fed. Govt. financing 2-24-45/384-386; Subsidies 2-5-51/48-50; Taxes of Wash. Union Sta. versus none for Wash. National Airport 4-23-51/31; Competition except trucks 1-7-52/58-62; Competition discrimination 3-17-58/47; Highballing to crisis in transportation competition 7-31-61/19, 22-23, 26;
Air: Ry. Age in 1927 & 1928 had many short articles on air mail and early passenger carrying - not indexed See vol's indexes; Air mail and early pass. carrying had many articles in 1927 and 1928; Airplane for passengers Detroit to Grand Rapids 3-17-28/616-618; Joint rail-air Chicago to northwest 7-28-28/168-169; Air-rail service 8-25-28/363-364; Coast to coast in 48 hours by Transcontinental Air Transport Co, Pa. RR & AT&SF RR 5-19-28/1163 & 7--6-29/12-16 & inauguration ceremonies 7-13-29/186 pix ; Air service potential & future. Should RRs own them? 9-22-28/541-544; Boeing Air Transport Co: Chicago to S. F. in 20 hours with night flying 7-5-30/14-16; Air plane progress of cooperation by RRs 11-15-30/1041-1048; Boston Maine Airways of B&M RR 7-25-31/150-151; Airline subsidies 11-26-32/822-823 & 12-3-32/854; How dangerous a competitor? 12-5-42/920-925; Post war prospects 4-1-44/641-643; air frt. business begins 7-28-45/182; subsidies 10-4-47/571-572, 578; airline growth affects on RR travel 7-16-49/125-126; competition in future 11-18-44/753-756;
Belt Conveyors: Riverlake Co decision soon by the state giving it right of eminent domain 3-14-55/8;
Buses: (1926 to 1938 they had a Motor Transport Section. Many bus companies were formed by the railroads and later sold to Greyhound or Trailways and so were; This section gives a good history of development of bus operations in the U.S.) Automobile & bus competition 4-28-28/1025-1027; RRs that operate bus lines tabulation 6-23-28/1468-1481; Pickwick Stages double deck sleeper buses for 26 pass., San Diego to San Fran. 9-22-28/587-588; Experience of riding a bus Chicago to west coast (bad) 2-9-29/358-362; Short lines now uses 124 buses 10-26-29/1000-1002; RR's bus operations in 1929 1-4-30/102-106; Greyhound Bus Co & RR stock ownership 4-26-30/1019-1020; Pickwick 53 seat semi double deck bus 6-21-30/1533-1535; Bus companies ,move to stop RR fare reductions 12-2-33/802-803; Chicago To L.A., buses of CB&Q RR first RR bus subsidiary to go beyond its own lines 1-19-35/85-86; National Trailways System formed including lines of CB&Q, AT&SF, MP, D&RGW 4-25-36/692-696; Competition in future 11-18-44/753-756; Do buses get rail traffic? 10-11-54/19;
Motor cars: Plans for post war & highway system 3-4-44/454-456;
Canals: See Waterways
Pipelines: Gasoline pipelines, a new form of competition developing 11-15-30/1021-1024; Pipe line for coal slurry 3-12-521/93; Pittsburgh Consolidated Coal Co 108 mile line in Ohio to begin soon 3-31-58/35 & in operation 10-6-58/20-21, 24; Can RRs keep coal traffic from coal slurry pipelines 11-19-62/9-10; Southern Pacific proposes 275 mile line Ariz to Nev. 1-23-67/7; Coal slurry: 5-12-75/16-17; favored by National Industrial Traffic League 12-27-75/39, 50; Unit trains vs pipelines study 7-4-76/141-142 & 11-28-77/34-36, 76; Govt. says pipelines likely to be cheaper 1-30-78/10-11; Pipe lines turned down, no eminent domain to condemn land (a major reason was that they required a huge amount of water which is not in great abundance in the West) 3-12-79/10; Coal pipe line rejected in Va. although wanted by Va. El. Pr. Co 2-85/16;
Ships, Coastal: Pan Atlantic Steamship Co to handle truck trailers and rail cars 4-16-56/7-8. See also Seatrain Lines
Trucking: 1931-1932 had many articles on subsidized trucking highway competition 5-25-29/1249-1250; competition 1-11-18/141; Motor trucks 9-20-12/510-512; 1926 & up had many articles on competition; . regulation trucks opposed, buses favored 8-7-26/247-249 & 9-18-26/515-519; Trucking in Minnesota 3-27-26/927-928; Trucks - helper or competition 7-27-29/281; Reasons for trucking success 3-22-30/729-730; Trucks now taking carload freight 9-27-30/648-651; Truck standards to favor heavy trucks for new road construction 4-9-32/616; Trucks to give (4 night) 5 day service L.A. to Chicago vs 146 hours for RRS & 7th morning to N.Y. City (I didn't note the issue. It washed out 1934.) What the traffic will bear pricing (e.g. costs) many articles in 1938 & 1939. Why shippers use trucks 7-2-38/5-6'

Many half page 3 articles on specific truck favoritism by govt. in 1938 & 1939 issues ; Motor cars shipped by rail 37.7%, gypsy (unregulated) truckers 1-21-38/160-162; highway 54.9% & waterway 7.4% 8-26-39/320; Trucking 1-28-50/214-219; highway destruction 2-4-50/260-261; Port of New York Authority new truck terminal pays almost no taxes 2-11-50/306-307; Trucking and taxation 3-25-50/596-601; Truck tonnage rises 25% 1950 over 1949 4-2-51/66; Exempt trucking 12-3-56/7; Consolidated Freight ways growth 2-29-60/9-10, 14; N. Y. Thruway testing double trailers 98' long & 64 tons 3-2-59/12; Trailers over 40' now allowed 10-10-60/47; Bootleg trucking 7-8-63/12-14; Larger trucks govt. law 7-14-69/8; Highway Act 10-8-73/34-35; Deregulation of motor carries (caused many trucking companies to go bankrupt in the Reagan recession and lowered trucking rates considerably which hurt the railroads)10-27-80/24-27, 30; The 1980 Act and 1982 Surface Trans. Act causes resulted in 40% of RRs food hauling to go to trucks 12-87/27; 3 trailer truck trains 8-90/35-43; Michigan allows longer and heavier trucks with up to 42 wheels 2-91/72; Trucks haul 78% versus RRs 9% 6-92/12; All transportation growth is going to trucking 2-92/22-26;

Waterways: Federal Barge Line operation unprofitable 2-9-24/381-383; Development of waterways instituted by Pres. Herbert Hoover 5-26-52/39-40; Inland Waterways Co operated by the Govt. 4-14-28/855-857 & 7-27-29/255-258; competition of barge lines 10-27-28/801-804 & 11-3-28/865-869; N. Y. Barge Canal & Pres. Hoover 11-2-29/1039-1040; Ohio River waterway competition 2-1-30/323-328; Govt. defends waterway policies 11-29-30/1186-1187; Inland Waterways Co true costs 50% higher than Rys - Govt. subsidy 11-22-30/1077-1086; NY. Barge canal albatross 6-25-32/1053-1054; Subsidies on Miss. River 9-16-39/403-405, 414; (Other earlier articles on Govt. owned barge line not indexed.); Feeder waterways proposed by Army Engineers even though not economical 3-30-46/668-669, 680; Federal Barge Line should be sold by the U.S. Govt. 6-14-47/1230-1231, 1234; Waterway subsidies 3-8-47/494-497; traffic competition 10-23-48/772-774; Waterway user fees urged 5-7-56/7-8; Calumet-Sag channel enlarging 60' to 225' wide 9-2-51 or 57/9-10; Canal proposed Lake Erie to Ohio River 5-1-61/37 & 7-143-63/40-42, 3-29-65/80 & almost dead 7-17-67/33-34; Barge line RR partners 5-13-63/32; Waterway costs 12-16-643/16, 20; Proposed deep ship canal St. Lawrence Seaway to Hudson River 12-3-62/36-37; Lake Erie-Ohio River canal - unit trains would be cheaper 4-2-62/35 & 4-16-62/22-23; Ohio River to Lake Erie canal wanted by Corps of Engineers 3-15-65/24-25; Locks and dams enlargement 10-13-75/42-45; Bill in Congress to charge bares for usage (only partly successful) 5-29-78/10, 12l

St. Lawrence Seaway: Construction not warranted 7-27-29/241-245; 1-11-30/147-150; plan 4-9-32/599-602; Minority report against the project 1-20-34/75-77; Pres. Roosevelt wants it 12-14-40/908, 916 & 12-21-40/925-928; "Benefits" 5-17-41/833-835; other articles in 1941 not indexed; Truman wants it 10-6-45/574-575 & 10-13-45/589' Favorable report 1-17-48/177-178; (many articles in 1951 not indexed) 10-15-51/67-68; Advocates 4-27-53/9-10; 5-25-53/19; Approved for construction (It was built as a result of Labrador ore being discovered) 5-16-54/14-15; Construction progress 7-8-57/24-27, 55; Opened 6-29-59/9;

Panama Canal competition on transcontinental frt. 10-16-14/701-704;

GOVERNMENT ACTIONS

Note: On the following subjects Railway Age had many other articles and news items. Those indexed give more complete information than those not indexed.

American Social Transportation Review Organization (ASTRO)Report on future of RRs 11-30-70/22-27, 80 & 12-14-70/19-21, 62;

Amtrak: see National Ry Passenger System.

Bankruptcy: See Reorganization

Congressional laws: See. also LABOR. Wheeler -Lea Transportation Bill S2009 to be recommitted because Unions concerned. (other articles 1939 & 1940 not indexed) 5-18-40/867-869; S2009 includes labor protection amendment - prevents getting rid of no longer needed workers 8-17-40/257-258; Editorial on S2009 8-24-40/271-274; Senate passes S2009 9-14-40/371-373 & 9-21-40/399-403; Transportation Act of 1940 labor protection 1-25-41/225, 231; Crosser law debate on returned taxes 12-6-47/990-9921. (Many other articles 1946 & 1947 on Crosser.)

Consolidation plans: 8-24-29/463-464; Loree plan 9-21-29/679-680; Consolidate into 6 systems 7-6-29/17-21; 1-25-30/231-236 + map insert & 2-1-30/337-341; Create 21 systems 12-28-29/1469-1476; Grouping of RRs and Clayton Anti Trust Act 5-31-30/1332-1334; Couzens resolution to stop unification before Congress 4-26-30/972-977; Adverse report on Couzens bill 5-17-30/198; 4 system excluding New England approved 7-30-32/150-158; Ralph Budd urges merged into 20 systems 11-23-35/665-666;

Department of Transportation: Need for a Dept. of Trans. 3-7-66/11-12; New DOT 4-10-67/26-27; Thoughts on future of RRs 1-28-74/22-26; Spending on highway, railway, airway 2-25-74/10-11 & 3-25-74/10-12; Gorwing love for cars and buses and dislike for rail travel 6-10-74/5, 21,24-25; Transportation charges needed for barge user fees, steeper truck fees, Regional Rail Reorganized 9-329-75/1`0, 12, 16; DOT survey flunks it for improving RRs after 3 years in existence 3-31-80/37-38;

Deregulation: Needed: 3-26-79/36, 40-45 & 4-9-79/20-21 & 5-14-79/8-10 & 5-28-79/50-53 Deregulation progress 9-29-80/10;

Fares: Reduce day coach fares proposed 10-4-30/681; Reduction in pass. rates proposed 6-24-33/884-887; ICC orders 2¢/mile coaches & 3¢/mile Pullman to replace 3.6¢ basic fare in the East 3-7-36/401-404; 2¢ raise to 2.5¢ rejected 4-23-38/735-737; 2.5¢/mile rate in East 11-25-39/829;

Featherbedding: Govt. board created 11-7-060/10; study 2-13-61/9-10-, 52; report 3-5-62/9-10, 53;

Federal Coordinator of Transportation: His work 9-30-33/468-472; Joseph B. Eastman, chairman wants a socialization 6-24-33/899-900; Ten criteria for RRs for the future 6-23-34/915-917, 920;

Federal Railroad Administration (of Dept. if Transportation) :Proposed track safety stds unrealistic 9-13-71/29-34; Track Stds established 3-6-72/28-30; Track standards 1--14-74/18; Electrification study for all of U.S. 11-24-80/26-27, 32; FRA &^ electrification push - a bad idea 1-12-81/36-37; Against trying to help RR's under Reagan 4-27-81/5; Proposed brake rules although accidents have dropped 68% in 12 years - excessive govt. interference 1-95/16, 36;

Federal Trade Commission: Seeks to eliminate or significantly reduce long haul traffic 12-20-47/1071-1073, 1076 & 12-27-47/1106-1108 & 6-26-48/1282, 1287;

Federal Transit Administration anti rail bias 12-95/49-52;

Forty Hour week law: Recommended for non operating employees 12-25-48/1202-1205; To begin 4-30-49/857-859, 874; 7-2-49/22-23; (Other articles not indexed) roadway forces & 40 hour week 9-3-49/414-417;

Full crew laws 2-16-132/275-276; N.Y. State full crew law enacted 4-4-13/795; Full crew law defeated by public in Mo. 12-4-14/1036; Full crew laws 3-16-17/434-435 & other articles in 1916 and 1917 not indexed. Pa. law under consideration (not passed) 6-4-38/954, 961; California reinstates full crew law now that there is no manpower shortage 2-2-46/289;

Government attitude: Changing 11-30-29/1267-1268; Special Ry. Age issue 12-3-32; Follow-up 1-21-33/75-79 & 3-25-33/447-448; Needed attitude change because RRs no longer a monopoly operation 6-10-33/820-822 (Congress did not finally remove restrictions until 1980 by which time much damage could not be repaired.) Monopoly thinking governs actions 11-23-40/793, 796; Eisenhower program for the RRs is poor 4-8-58/9, 32; S1197 in Senate bill to do away with parts of 1958 bill adverse to trucking industry , the "Hoffa Bill" 7-3-61/27 (other articles in 1961 not indexed); Congress & new rail bill 1-28-74/59, 62; Transit planning, U.S. vs Europe 4-14-75/45; U. S. Govt. & RRs 4-28-75/16-18, 22-23; RR subsidies - a time for change 7-28-75/58; A bill of rights for RRs. What is needed 7-4-76, 27-37; Nixon-Ford administrations RRs vs. highways 1-10-77/1 & 1-31-77/10; new Sec. of Transportation Adams replaces Coleman during Carter administration 1-31-77/48, 50; Democrats as for $11.4B for transit 2-14-77/25-26; Reagan Administration on RRs 6-29-81/38-39, 60; Govt. involvement with RRs 10-90/12; Bush Administration curbs in rail spending & much more for highways 2-92/19;

Government Control: In 1918 much on McAddo and govt. control in almost every issue; Not indexed. Govt. ownership of Rys in foreign lands 5-18-17/1033-1039; Removes 50 trains with less than 35% occupancy 3-31-45/594-595;

Government Ownership: 11-13-37/686-687; 6-24-33/899-900; In theory and practice 4-13-35/579-582; Ownership of rights of way by Govt. urged 1-24-42/252-254; Can RRs avoid Socialism? 12-23-44/956-958; Drifting toward nationalization 10-18-47/651-653;

High Speed Ground Transportation Act: Govt. studying Wash. to Boston backed by Senator Pell 8-17-64/29; Becomes law 10-4-65/17; Very little interest by Federal Govt. in high speed rail service 4-94/57-66;

Intermodal Surface Transportation Efficiency Act of 1992 authorizes 61% in federal spending 2-92/19; Pres., Ford's RR bill not much good 6-30-75/34-35; Clinton Administration & RRs 1-93/40-42;

Interstate Commerce Commission: Functions 12-21-29/1435-1437; Is the I.C.C. stupid or derelict? 5-14-32/818-820 & 5-21-32/860-862; 50th Anniversary 4-3-37/631-632 & 4-17-37/683-685; Decision on RR trucking in New York City 8-24-29/467-473 & 12-22-28/1275; Monopoly thinking governs actions of ICC and Congress 11-23-40/793, 796; ICC refuses to allow preferential rates for RRs but not because it is against the law 12-14-46/1009-1010; Would deny Robt. R. Young a seat on N. Y. C. board 12-13-47/1038-1040; Concerns on RRs cutting into long haul truckers by lowering rates 11-18-50/63-64; ICC & piggy back 7-5-54/11; ICC law needs modernizing the regulations 11-1-54/48, 52 (One of many articles in 1950s); RRs want freedom to set rates (as Canada allows) opposed by trucking industry (and not granted until 1980) 2-10-58/13, 36; RR rates must cover all overheads of the RR whether applicable or not and kept high to protect other modes of transportation 4-29-63/9-10; ICC should be abolished 3-10-58/66; ICC requested to allowed agreed prices with shippers 11-3-58/9 & contract rate fight 5-25-59/14-15, 19-23, 27, 30, 32-33; ICC against contract rates 3-6-61/9-10; So shippers need the ICC? 7-31-61/54 & b8-14-61/35; ICC should not have the power to establish minimum rates 7-3-61/28; Rate making obsolescence - an example 11-20-61/33; ICC told not to inhibit growth of TOFC 9-2-63/13-15, 19; Amtrak - see National Ry Pass. System below; Grabbing for more power 8-27-73/46; Greatly improved by RR's standpoint 8-25-80/80-81; Are RRs better off than they seem to be 7-86/19;

Jim Crow Laws: See Negroes

Kennedy sponsored transportation bill on carrier rate making 4-16-62/12-19 & 4-19-62/8-9; Waterways, trucking and airlines against the bill (many articles in 1962 not indexed) 10-1-62/9-10; Still in Congress 3-2-64/26-27; Won't be enacted 4-27-64/66;

Labor Bill in Congress opposed by carriers 4-21-34/581-583; progress on the bill for pensions, adjustment board & 6 hour day 5-19-34/742-743; Congress and rail labor problems 5-31-71/15-16. See also LABOR - Union demands and strikes

Land Grants: Reduced rates should be discontinued 7-24-37/100-102; Rate grief 11-1-41/709-710; article 12-28-42/449-451; Repeal favored 4-1-44/644-646; Dies in Congress 12-23-44/970-971; Repeal approved 10-6-45/573, 577 & 10-13-45/615, 621;

Laws: See Congressional Laws, Labor Bill,

Lobbying: RRs do a poor job 10-24-66/14-16;

Long and Short Haul Bill; - Pettengill Bill rescued. Much in 1937 & 12938 not indexed, 4--2-38/624-625;
National Railway Passenger System planned by ICC (Amtrak resulted) 4-29-68/48-50, 62; ICC says govt. won't help pass. service 8-4-69/22, 30;
Nationalization: Future control of profit is a Marxist view 7-14-45/58-59; Still a possibility 12-22-52/42-43, 49; Desired by the labor union bosses - Railway Labor Executive Association 1-25-65/11-12; Nationalization no longer likely 2-14-72/14-16 & 3-27-72/38; Govt. considers taking over RR right of way to form Interstate RR System like Interstate Highway system 3-12-73/10; Nationalizing the track system like highways and airway 9-24-73/16; possible nationalization 5-27-74/24, 28; Nationalization proposed for north east and mid west by U. S. Ry. Assoc. 3-10-75/5, 20-23, 72 & 6-9-75/10; 7-14-75/24-26; Govt. recommended to take over RR tracks of northeast RRs 10-27-75/12;
Negroes: Arkansas laws on Jim Crow 7-9-38/82, 90-91; Jim Crow Pullmans not being provided although hardly anyone would use them 5-3-41.767; Race discrimination had occasional articles in 1946 & 1947 ; Denied space in sleeper 10-5-46/579;
Northeast Rail Corporation being considered by govt. to rebuild RRs (Conrail resulted) 11-12-73/43 & 12-10-73/13
Office of Defense Transportation: J. Monroe Johnson, secretary 4-8-44/683-684; Joseph B. Eastman named secretary 3-18-44/532-534;
Pension Laws: Much discussion on this in Ry. Age 1928-1930, 1933, 34, & 35 not indexed. See vol's indexes. Congress passes pension bill 8-24-35/245-247 & 8-31-35/278-280; Pension agreement 3-20-37/473-474;
Plumb plan of socialization advocated by labor unions 8-8-19/275-279 & 8-15-19/293-296 & 307-314;
Race Discrimination: See Negroes
Railpox: To look over pass. trains (earlier articles not indexed) 10-26-70/14; 16 pairs of cities recommended for pass. service 12-14-70/26-29;
Railroad Retirement Act: changes 12-30-74.22023, 40;
Railroad Trust Fund: 9-29-75/18-21, 26-27, 54. Various articles in 1975 not indexed.
Railway Labor Act (of 1926) : Many articles in 1938 not indexed concerning its progress through Congress. 10-8-38/501-511, 526; The Act and Pres. Truman's pro union stance 9-2-50/43-44; Frustrations with the act 10-21-57/12; Act needs revisions 12-17-62/16-17;
Rates: See also Fares. Trainload lower rates given by ICC for first time. At least 1800 tons 12-23-39/969-971; ICC refuses to allow preferential rates for high volume, but not because it is against the law 12-14-46/1009-1010; Contract rates - what shippers think 3-29-47/647-649, 656; Canada uses contract rates extensively 11-10-45/750-753, 756; Contract rates catching on, 60 in effect 9-29-80/32-33, 36; Grievances of utilities 3-99/37-38, 42-48;
Reconstruction Finance Commission: (I did not index articles which were always brief apparently) Loans 4-30-32/742, 745; Statement of activities & RR bankruptcies and summary of receiverships and foreclosures 1876-1935; 1-4-36/41-49 ; Wagner Steagall RFC loan bill 5-14-38/845-849; Bill killed 6-25-38/1057-1058; John W. Barriger leaves presidency 8-2-41/211;
Reciprocity: Hearings 12-13-30/1277-1279. Many items in 1929 & 1930 not indexed. See volume's index.
Regional Rail Reorganization Act of 1973 (for north east rail reorganization 2-11-74/30-31 & 2-25-74/32-34, 48;
Reorganization Bull (Bankruptcies): Bill before Congress 2-11-33/207, 214; Passes 3-4-33/337-338; Reorganization discussions, Section 77 10-26-40/586-589;
Regional Plan Association report, "The Renaissance of Rail Transit in the U. S.:" says rail deserved same long term federal involvement as the Govt. gave airways and highways in the 1950s. ((Report ignored) 7-91/109;
Roosevelt Emergency Transportation Act: of 1933: 5-6-33/668-670 & 5-13-33/685-687, 688-692 & 5-20-33/727-733; Act passed 6-17-33/865-868 & 6-24-33/881-883; Roosevelt's New Deal on RRS 8-31-35/265-266;
Six Hour Day proposal (See also LABOR below) 10-17-32/911-917; 5-21-32/875-877 & 5-28-32/898-899. Other items not indexed.
Smathers Transportation Act of 1958 6-2-58/9 & 6-16-58/9-10; considered only a fair and not what RRs need 8-4-58/9, 28, 10 & 8-11-58/42;
Staggers Act: What it will and will not do 3-9-81/56-57; The act & deregulation after one year 10-26-81/50-51, 54; Shippers not convinced on merit of the act 6-28-82/51-52; The Act and challenge for future 8-84/33-36; The act in `1989 12-88/30-31; The act saved 8-90/30-34; Govt. reregulation being proposed 7-87/37-43; Reregulation not likely 1-89/38-39;
State govt. laws: In 1914 and 1915 many states were passing laws to control railroads including full crew. Not indexed. See indexes of the volumes.
Stoker & power reverse ICC requirements: 9-25-37/415-416; Power reverse required by ICC 1-21-33/83;
Subsidies: Should RRs ask for subsidies because although all forms of transportation should pay their full costs but don't 12-27-54/9-10; Federal aid to RRs urged 2-11-57/30-31; Federal Trust 7-10-61/issue;
Symes Plan of Fed Govt. acquiring rolling stock for lease to the govt. (other 1957 articles not indexed) 2-17-58/13;
Taxes: Tax free competition of waterways and thruways 9Gas tax pays only a small portion of truck costs of highways to build and maintain 10-7-57/28-29,32-33, 39, 41-43; Tax discrimination 3-10-58/9-10; Equality of assessments 11-17-58/10; Illinois in Cook County (Chicago) assesses RRs at 100% value but other business only 50% declared illegal 5-31-65/11-12;
Train discountenances: State cannot require intrastate trains to be operated after ICC approves removal . 2-24-64/13;
Train Limit laws: Ariz. limit 70 frt cars & 14 pass. 10-25-30/863 & 11-1-30/947-948 & 8-20-32/261-262; Limit to 57 or 58 cars 6-15-35/924, 941; Bill to the House 8-21-37/245; 1-15-38/157-159 & 1-22-38/192-193, 196; House kills bill 4-9-38/661; Arizona limit law challenged in court 3-24-45/560-561; Supreme Court finds Ariz law unconstitutional 6-23-45/1115-1116; Train car limit laws no longer justified nor "full" crews 9-10-49/474;
Transit Act of 1974: 12-9-74/37-38;
Transportation Act of 1940 on labor protection 1-25-41/225, 231; Labor protection of discontinued lines - can't fire anyone. 3-15-41/451;
Transportation Act of 1971 -supposedly just what the RRs, trucking, and waterways needed 9-13-71/11;
United States RR Administration: Takes over the RRs 1-4-18/1-10; Organization chart 6-14-18/insert; Defense of criticism 2-4-22/327-330 & 2-11-22/371-374; Much in every issue in 1918 on USRA not indexed. See also freight, passenger, and non revenue CARs above. 3 rail plan not all liked by shippers 3-31-75/38, 54, 55; Final North East & mid West 3 RRs - Conrail, Chessie, N.&W. 8-11-75/cover, 14-18 & 8-25-75/50; Final system plan 10-27-75/53, 55, 57;
Urban Mass Transportation Administration against rail transit in most instances - :Congress approves the act 7-6-64/28-2; Reagan against rapid transit rail 8-10-81/28-30, 39;
"Urban Transportation & Energy: The Potential Savings in Different Modes fed. report of 1977 anti rail with much misinformation 11-14-77/32-35;
Valuation of RRs: 1-21-09/xx & 1-28-09/219-222 & 2-5-09/261-262
Wages: Wage negotiations on pay cuts 12-12-31/904, 910 & 12-19-31/925-926, 937-938 ; Conference on wages 1-23-32/159-160 & 1-30-32/201-204 & 2-6-32/232-234; many articles in 1934 not indexed; wages in the Depression 12-5-36/833-835; 1938 recession forces 15% wage cut 5-7-38/805-806; 15% wage reduction 9-17-38/413 & 10-22-38/582-588, 592; (other articles not indexed); Labor wants 30% pay increase 6-14-41/1041-1044; (Labor demands in 1941 very excessive and much turmoil. Articles not indexed. See Vol's index.) Labor dispute RRs want arbitration, unions don't 10-25-41/669-674; Wage settlements 12-13-41/981-983, 1001. (During 1943 & 1944 & 1946 many articles on wage problems.)
Work Hours: Govt. considering working hours from 16 to 12 (similar to what Canada has had for several decades) 7-14-69/12;

LABOR - EMPLOYEE RELATIONS

Note: Railway Age Mag. had many articles on railroad labor. I indexed on a few which caught my eye. Starting about 1987 Ry. Age had a page devoted to Labor in every issue. See also GOVERNMENT above as many issues involved government intervention.
Also, I am not consistant on cross referencing. It is best to scan all entries.
40 hour week: Yardmen want 6-24-50/1238-1239;
2982 - wants more, much more 1-28-81/24-25;
Apprentice programs - shop 4-3-48/664-666 & 4-10-48/716-717;
Brotherhood of Loco. Eng'rs Union dissension 11-10-16/851-855; 100 years old 5-6-63/14-19; Refuses to merge with BLF&E 5-18-64/42;
Brotherhood of Locomotive Firemen and Enginemen: Troubles & B.L.E. 7-21-64/11-12; Refuses to merge with BLF&E 5-18-64/42; Walks out on collective bargaining 10-18-65/36-37; see Firemen below.
Brotherhood of RR Trainmen: Wm. G. Lee, pres. obit 10-9-29/1106-1107; The union and A. F. Whitney pres. 7-231-37/127-128; Alexander F. Whitney pres. obit 7-23-49/179; Walk out 6-212-643/11;
Brotherhoods: & discipline 2-26-09/407-408;
Caboose: Trains likely not to need them mostly special situations (wrong!) 11-29/82/21-22; to be eliminated 11-83/25 & 12-83/45-46; End of an era 2-85/6, 27, 30-33; Cabooseless trains after 1-87/20; monitoring 3-87/47-48;
College education & graduates: 7-11-13/49-50; 4-4-25/867-868l ; not encouraging for their use 2-7-25/375-376; poor use of 3-27-26/891; Engineering college graduates not particularly wanted by RRs 9-4-43/376-378; RR's interest in graduates 4-21-45/711-713 & 7-21-45/107; RRs not appealing 4-3-48/660-663; Only 14 of 122 civil engineering colleges offer RR courses 12-17-49/1084-1087; Univ. of Ill. Dept of Ry Eng'g 7-1-33/15-16; RR salaries lowest pay group except teachers 8-29-31/329-331; Use of college graduates 9-13-30/535-536; RRs not attracting college engineers 3-18-57/26-27; Wooing college grads 7-18-66/18-20A;
Crew sizes: Crew size of B.R.T. 12-23-68/34-35, 54; Reduced crew d size agreed to by UTU for Mil. RR 4-10-78/10, 12, 15; 1 trainman proves adequate 3-31-80/48-50; BRAC strike against N&W Ry proved 2 man crews, 200-250 miles, no caboose just as safe for heavy freight 12-11-78/12; UTU begins to agree to reason 2-89/13; UTU agrees that 20% S.F. frts have no trainman, only a conductor & rest have 2 men (first l management for Intermodal thru frts.)) 1-91/16
Discipline, Brown system update as used on Harriman RRs 8-20-09/305-306 & 324-326; Record on new procedure used by B&O RR 1-16-14/113-117;
Employees: U. S. Supreme Court says that in any sale or merger unneeded employees cannot be fired 12-9-39/888, 904; I.C.C. given power to require protecting jobs on abandonments 3-7-42/501, 511l
Featherbedding: Need to eliminate 2-16-59/9-10, 13; 7-27-59/80-81; 4-18-60/9, 16; Govt. board created 11-7-60/10 & govt. study 2-13-61/9-10-, 52 & report (generally favorable to the RRs) 3-5-62/9-10, 53; Labors response to govt. findings 4-2-62/17-19; Goes to mediation 5-28-62/80 & 6-4-62/9; mediation fails 7-2-62/9; Showdown 7-1-62/48-49, 54 & 7-30-62/9-10' Operating union wage last ditch fight 8-13-62/9 & 8-27-62/52-54';
Featherbedding: See also Labor Demands. 8-13-38/257; Needs elimination 6-7-41/1008-1010; Needs correcting by Congress 5-1-43/8-18-879; Union's big demands to increase featherbedding 8-18-45/301-303; As seen by the Sec. of Labor 3-5-49/499; Unions new featherbedding demands 70 car train limit, 100 miles for pass. trainmen, and full crew laws 8-2-47/190-194; 3 man crews for freights 7-27-59/9-10;
Firemen: 3-6-37/402, 405; additional fireman on diesels 5-29-43/1092; extra fireman demand 7-2-49/45-46; Firemen strike for 3 men in diesel 5-20-50/205 & 5-27-50/1045-1046; Calls strike on four major RRs to force a 3rd

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Rogers Loco. Wks photo c. 1860s 9-3-27/466 pix;
Universal Engineering Co (Montreal): Gas switcher loco. #1 8-19-22/323-326;
Westinghouse El. & Mfg. Co: 300 hp diesel 4-6-29/787-790; 800 hp diesel 6-14-30/1427-14239; #21 diesel 6-23-30/1548D72; 65 ton 530 diesel for transfer service 10-14-33/531-533; 800 hp diesel 6-30-34/963-964; 800 hp diesel #13 8-14-34/199-200; 1600 hp 133 ton diesel 3-7-36/397-400; Gas turbine loco 4-10-48/713-715, 72 & tested 7-21-52/110 & 11-24-52/54-55;
Whitcomb: gas el. loco using Climax Engineering Co engine 6-20-31/1203-1205; 25 ton hydro drive 12-9-52/53;
Whiting Corp: Trackmobile 12-9-50/40 & new model 4-23-62/58;
Willamette Iron & Steel Co : Geared loco. #110 3-24-23/809;

LOCOMOTIVE COMPONENTS

Arches, Economy of brick arches 5-4-17/933-935;
Boilers, welded 4-28-45/752-753;
Booster: Tender boosters of Bethlehem Steel Co 6-30-34/978-980;
Brakes: dynamic brakes 9-9-44/400-402; dynamic advantages 12-17-49/1087-1089;
Cut Off, Limited 7-15-33/111-114;
Firebox: Wm. H. Wood corrugated firebox 10-23-08/1204-1205; history of sloping fireboxes 9-4-08/860-864; Jacobs Shupert box tested 11-18-10/965-999 & tests 6-28-12/1595-1598; McClellon water tube fireboxes 4-13-17/781-782;
Headlights, electric 6-9-15/1199; sealed beam 5-29-48/1070; Mars rotating 12-22-45/1024-1025;
Motors: A.C. instead of D.C. - when? 9-91/41-49; A.C. under test 3-93/21-22;
Radio controls General Electric Co 10-17-60/25; Union Switch & Signal Co 7-17-61/22-25;

Stoker: Stokers (Crawford, Street, Hayden, Barnum, Strouse) 6-21-10/1695-1700; Hanna 7-14-11/85-90; Street 5-26-11/1196-1201; Street Stoker 1-5-12/24-25; Standard stoker 10-10-13/647-649; Gee stoker (Pa. RR) 3-14-13/486-488; Hanna stoker type H-2 2-18-22/429-432; Standard Stoker Co simplex stoker 10-28-22/809-811; Elvin stoker using power operated shovels 1-17-19/202-204;
Superheaters: Superheat 7-24-08/566-570 & 7-31-08/617-620;
Syphons: Thermic syphon savings 4-22-22/977-978; tested 1-10-31/141-146;
Valves: Allfree Hubbell valves 2-5-09/262-264; Poppet used in Europe 5-27-39/910-912; Franklin Ry Supply Co Am. valve 6-17-39/1019-1023;
Valve gears: Baker Pilloid 1-15-09/102-105; Young rotary valves and V.G. 11-13-08/1342-1346 ; Hobart Allfree valve gear 6-17-10/1575-1576; Young gear test 4-17-16/802-803;
Wheel: Slippage by diesels 10-22-51/39-43;

MAINTENANCE OF WAY
See also TECHNOLOGY
Equipment:
New track machines 12-9-74/22-27, 44 &3-8-82/25-30. (Every year they usually had an issue which had illustration/advs of equipment. did not index.)
Ballast Cleaning: Industrial Brownhoist Co 1-28-28/247-248; Nordberg cleaner 9-3-49/412-413;
Dump cars: Campbell Oder Co. side dump 10-15-09/733;
Fitz Hugh Luthor & Co. design 4-28-11/1021-1022;
Ingoldsby Co: 60T dump #208 6-20-08/263;
Kilborne & Jacobs Mfg. Co: side dump cars 8-15-13/295;
Koppel air dump car #500 6-25-28/1490D69;
Oliver Co air side dump 20 yard car 9-4-08/873;
Magor Car Co. 8-29-25/406;
Osterman Mfg. Co. side dump 6-23-09/1478;
Washburn, Ed. C., 6 yard 4 wheel contractor side dump 7-17-08/550;
Dynagraph car for street rys Dynamometer cars (usually indexed by RR) Univ. of Ill. 2-19-09/360-366
Hand cars: Gasoline cars 8-6-09/225; first (1892) 8-15-36/256
Adams Motor & Mfg. Co. Series 210 track car 12-8-28/1146;
Buda: Track car model #12A 3-18-10/806
Fairmont Ry. motors multi gang track gang cars 7-3-43/26
Rockford Co track car 3-20-13/607-608;
Inspection cars: Advance Power Co: 9 pass. insp. car 4-15-10/1023
Buda Co: 3 wheel velocipede gas insp. car 11-13-08/1369; Insp. car #100 3-16-10/649;
Fairbanks Morse & Co. 3-23-17/682
Fairmont: 12-7-29/1341-1342; #1100 3-20-37/515;
Kalamazoo Ry. Supply Co: 4-6-29/797; Model 65 3-14-42/552-553;
Pile drivers: Interstate Ry Co. 3-19-09/877-879; Industrial Brownhoist 9-20-54/49;
Snow plow: Ideal Cylinder Snow Plow design of E. Bowman 11-5-09/900-902
Spreader car by Bucyrus 12-5-19/1119-1120;
Tampers, automatic run by magnetic code 12-13-65/16-19.
Weed burners: Ry. Chemical Sprayer Co. model #1 12-11-08/1570; Chapman Chemical Co weed spraying train 3-15-21/607; Lamb Ry. Service Co. burner 3-17-14/576-577; Weed sprayer car Model W66 by Fairmont motors
Practices:
M.ofW. Dept to radically change 3-12-32/450-452; Smaller gangs 6-300-58/26-27; Automated track surfacing 5-9-66/22-24; Making bad track good 6-9-75/36-37; Changes in thinking 1-26-81/50-52; High tech. 3-85/31-34; 5-96/67-70;
Track maintenance has 4 years deferred work 10-28-33/608-612; for short lines 2-21-55/48-49;
Grade crossings 12-11-67/36-37, 45;
Track section gangs 9-21-35/359-360'
Equipment, real value of 2-28-48/428-432;New machines cut costs 5-20-50/992-995; Big savings 9-11-72/47-50; Equipment for the future 5-12-80/22-28, 32-33; machines 5-84/46-47, 50-51, 54;
Weed spraying & burners, chemical 2-11-74/18-19, 40; Weed killing 2-14-77/18-19; Weed control with new chemicals Atratol 80W 2-14-72/20, 27;
Costs per mile per year: Short lines 10-85/56-61;
Mobile trailers instead of camp cars 7-4-55/30-34;

MISCELLANEOUS
Advertising & Sales: 5-25-40/940-946; Advertising is a must to get people back on trains 11-16-40/756-761; Advertising in war time 11-20-43/812-815; Advertising by RRs 7-1-57/16-18; RRs poor at it 2-23-81/38-41;
Air pollution: 7-22-50/16-18;
Air rights for buildings: 11-11-63/14-18;
Allegheny Corporation: (Took over Van Sweringen Bros. empire) See also C&O RR; Before the U. S. Senate 12-28-40/992, 998; Control of C&O, NKP, & PM in violation of ICC and must be dissolved 3-10-45/460, 466-467;
American Railway Express Co:: 2H-21/many; 1H-22/502, 1358; To be taken over by the RRs as the Ry. Express Agency 2-23-29/465-467;
Association of American Railroads: (see also Transportation Technology Center, Inc (Pueblo test facility)) Organized 9-29-34/363-369; Mechanical Div. Atlantic City Exhibition 6-21-37/1040D12-D16; Engineering research program 12-6-41/946-949 & 2-27-43/430-433; John J. Pelley, pres. obit 11-23-46/880-881; Robt. R. Young and his C&O withdraws from AAR 10-19-46/649-650 & 10-26-46/671-672; Wm T. Faricy, pres. 4-5-47/688-689; Faricy & Robt. R. Young arguments 6-19-48/1207-1209, 1219; AAR purpose 7--8-57/58; Education program for school, college & teachers after 27 years 1-20-64/75; Train II (Telerail automated information netwood) to increase car utilization 9-8-75/66-68; Further retrogressing 9-95/87-90; Retrenching again 4-98/24;
Backup brake valve and whistle for end of pass. trains 8-17-35/adv. page 30;
Bankruptcy of railroads : Receiverships & bankruptcies In 1908 and since 1876 (706 RRs) 12-25-08/1618-1619; Bankruptcy in retrospect 1-8-09/51; Bankruptcies 1882-1911, list of 4-26-12/945; Receiverships and foreclosures for 1912 12-27-12/1242-1244; RRs in bankruptcy end of 1940 - about 40, annual list 1-4-41/58-59;
Big loads: See Oversize Shipments.
Books: "On the Railroad" by Col. Robt Henry of AAR, first children's 5 & 10 ¢ store RR book 8-15-36/242; Railroad in Literature 8-31-40/307, 312
Box car unloading device of Ottumwa Box Car Loader Co 4-22-21/999-1000;
Bridges: (Most bridges indexed by RR.) First all welded truss bridge - B&M RR Chicopee Falls, Mass. 3-24-28/664-667; Bollman cast iron truss built 1866 at Harpers Ferry scrapped 11-25-33/757-758; Strauss Bascule Bridge Co. 3-18-13/553-555; V type portable for emergencies 6-23-45/1091-1093;
Canada: new standard uniform code of rules 8-20-51/48-49; LRC - Light, rapid, comfortable low slung trains 11-8-71/29-30; Rates, contract rates between RR & shipper Canadian success but illegal in the U.S. 11-26-56/33-36;
Coal mine strikes after WW!! (Definitely sped the dieselization of U.S. RRs) Strike causing coal to run out 5-18-46/1028; Pass. service reduced due to strike 11-30-46/929-931; Strike called off by John L. Lewis as RRs about to embargo freight due to lack of fuel 12-14-46/1015) (Lewis had two of these devastating strikes about two years apart) ; Reduced service caused by coal strike 3-11-50/96 & 3-18-50/580-581;
Civil War: Ambulance trains of 1863 6-22-17/1439-1444;
Creosoting plants - Koppers Co at Horseheads. NY 11-22-54/24-25
Damage & loss of frt. 3-25-74/22, 26, 28 (other articles that occasionally appeared not indexed.)
Disney World: Loco. from Yucatan 6-10-74/46; Monorail 8-14-61/22; Santa Fe & Disneyland RR opened 7-25-55/9;
Dispatching: Reverting to regional dispatching 3-99/51-55;
Expositions: Panama Pacific Exposition & Overfair Ry 6-4-15/1170; Transportation exhibit 9-17-50/499-502;
Chicago World's Fair: Advanced planning 5-10-30/1129-1130; RR exhibit 5-27-33/754-760; 5-26-34/764-768; "Wings of a Century" Chicago show 6-30-34/949-950
Indiana State Fair and its RR exhibit 10-25-54/29-30
Western Railroad Week Celebration 7-25-36/145 & 8-15-36/255-256;
New York Worlds Fair 1939 & 1940: "RRs on Parade" 11-26-38/766-769; RR bldg largest at the fair 5-27-39/904-906, 910 ; 1.2M people saw show in 1939 11-11-39/749; "Railroads at Work" & 6-3-39/937-941 & 6-10-39/985-988; 1940 6-22-40/1106-1107 & 6-29-40/1165-1166;
San Francisco Golden Gate Worlds Fair 1939: 4-22-39/688-690, 694;
Chicago RR Fair of 1948 & 1949: Plans 5-1-48/853-8557-24-48/120-201; 10-2-48/622-623; 7-2-49/29-36, 42;
Rail Expo '84 (Trade show) New equipment, first since 1979 11-84/46-62;
Federation for Railway Progress: Founded by Robt. R. Young 2-8-47/326 & 3-1-47/445-447; Disbands & cease publication of "Ry Progress" 5-5-58/37;
Floods: Mississippi Valley 5-7-27/1389-1393 & 5-14-27/1435-1439 & 5-21-27/1523-1528 & 5-28-27/1575-1578; Ohio River floods 1-30-36/214-216, 233 & 2-6-36/248-253; Mississippi River flood St. Paul to Dubuque 5-3-65/22-26; Note - most articles indexed only by name of RR.
Freedom Train:: 8-23-47/332-333; one year tour 10-4-47/565-566;
Friendship Train: (Food for Europe) Reaches N. Y. with 214 cars. Started Los Angeles with 12 cars 11-22-47/917; Pix at Grand Island, Neb 12-6-47/1000;
Fuel, loco.: Pulverized coal 4-30-15/941-943 & 2-25-16/349-353; Natural gas, liquefied Burl. Nor. Ry #7890 runs on natural gas 11-91/29;
General Electric Co. 10 car train showing off new products 4-29-50/832-837;
Grade Crossings: See also Track; Crossing gates, automatic 12-31-27/1334-1335; Flashing light signals 12-8-28/1135-1136; Automatic protection devices 12-7-29/1315-1316; Federal project to reduce 3-13-37/425-429; 1937 had many articles; (Had many articles 1980s and '90s not indexed.) Death reduction 3-22-54/88-89; Federal funding reducing accidents on crossing improvements 5-9-77/39-42; 219,000 crossings still in use 5-11-79/41042; Accident trends and needs 8-11-80/32-38; crossing safety program likely to be reduced by Pres. Reagan 8-31-81/30-34; crossings 2-86/28-32 & 10-87/59-60; Protection and accidents 10-89/47-49 & 11-89/33-36; Rubber cushion road surfaces 4-26-65/52, 54; Improvements 4-96/53-57; Crossings with median barriers save lives 8-97/47-58; Maintenance and rebuilding 12-11-67/36-37, 45;
Hospitals owned by ten RRs 7-11-25/102-103;
Hoboes: rounded up and required to pay if carrying money 3-26-27/996-997;
Hot boxes: See CARS COMPONENTS - Bearings
King and Queen of England tour Canada and the U.S. 6-10-39/992-993;
Leasing of locos and cars 6-92/55-58, 60-74;
Libraries: Barriger Library seeks $1M endowment by 1996 10-93/20;
Livestock transportation history 12-10-09/1153-1154
Locomotive repair shops: Morgan Engineering Co., Alliance, Oh, loco repairs by contract 9-29-23/591-593; Morrison Knudson rebuilding program 8-27-79/52-55 & 2-86/33-34; General El. Co rebuilding at Hornell, NY 6-9-80/18-29; Republic Loco. Wks loco. at Greenville, S.C. rebuilding 2-86/33-34 & 11-87/49-51; Gen. El. Co rebuild shop at Cleveland 2-88/31, 34, 37; Caterpillar diesel rebuilt engines 4-90/46-47; Peoria Loco. Wks rebuilding 2-091/70-71; Morrison Knudson rebuilding locos & pass. cars 7-93/59, 61; Boise Loco. & Engine System takes over Morrison Knudson 7-97/87-88 or 37-38;
Mail R.P.O. and Post Offices: Mail catchers, Jones 10-24-13/758; Mail payments to short lines 2-11-28/349-351; 100 years of RPO 7-9-38/35-38 & 8-

6-38/223; First Highway Post Office inaugurated, Wash. to Harrisonburg, Va. 2-22-41/354; RR stamps of the world - 78 countries with 800 stamps 8-27-49/380-381; To switch short haul to trucks (200 miles) 2-26-51/44; Handling in wire containers & fork trucks 12-17-51/60-61; Ry Mail Service needs improvement 10-26-53/15-16; Mail diversion to trucks 3-8-54/12; Decline of RR use 10-18-54/54-61; Mail service & govt. problems 5-19-58/35, 91; All first class mail to fly 4-12-65/12; RR mail service erratic & so going to trucks 3-11-68/18-19; Postal service celebrates the Century Express train 9-99/37;

Mergers: Mergers of 1961 era - 10 different mergers proposed 3-27-61/16-33; Mergers in progress 1-16-67/74, 79; Merger discussion 1-27-69/26-27; Western RR mergers needed 6-30-75/22-27, 70 & 7-28-75/47; Mergers in the future 12-12-77/14-16; 9-14-81/35-37; 7-84/73-76; RR companies organized to acquire rail lines 12-96/DB3-DB8;

Missile trains for 1991 4-87/23 & 9-87/19;

Museums: Henry Ford Museum 3' gauge 0-4-0 from Thomas A Edison Portland Cement Wks 9-12-32/424; New Jersey Historical Society Transportation Display 7-8-50/103; See also Rail Fans.

Negro treatment: Negroes can't be denied dining car seating 6-10-50/1143; Segregation in Jim Crow cars declared illegal 12-5-55/7-8;

Oversize shipments: Many were illustrated over the years, but not think to indexed. Nuclear reactor 21' high x 15' wide Cincinnati to Monroe, Mich 5-26-58/36; 121' propane tank 9-22-58/39; 17'8" dia x 20'8" height 6-29-59/41; 229' refinery tower, longest load ever shipped 5-29-61/61; Westinghouse El. Co. oversize shipments 4-26-76/28-29, 48;

Parmelee : Completes century of transferring passengers in Chicago 5-18-53/132-133; Parmalee sues RRs 2-27-56/10; No longer has the contract. Given to Railroad Transfer Services, Inc. 1-28-57/15;

Permacel Co 3 car train for training field people 11-21-66/36;

Radio: 33 channels allocated to RRs 3-10-45/455-456;

Rail Fans: 6-30-34/992; Lots of rail fan trips described in 1936 & 1937. Cost 1¢/mile and with two diners usually most cosponsored by R&LHS; Railway & Loco. Hist. Society organized with 50 members 3-11-22/578; DL&W fan trip 7-25-36/159-160; R&LHS acquires 3' gauge coach of Nev. Central RR 3-12-38/472; Proposed Hudson River ferry boat race 12-21-35/818, 820; Grizzley Flats RR stationery of Ward Kimbal 3-7-42/487; Shenandoah Central RR for tourists 6-22-53/14;

Railroad Fairs: See Expositions above.

Railway Age Magazine: 100 years old centennial issue Sept. 1956 Ancestor chart and biographies of owners 9-56/84-98, chart page 87. The issue had 392 pages.

Railway Express Agency (Organized from Am. Ry. Exp. Co) : 2H-30/1348; First annual meeting 4-13-29/855; N.Y.City operation with 1500 trucks 6-22-29/1526-1530; N.Y.City operations 9-28-29/767-769; Largest truck operator in U.S. 1--25-30/277-282; Over to road trucking Chi-Mil and Chi-South Bend 8-27-32/281, 296-299; Robt. M. Corvie, pres. retired 9--3-22/333-334; Leon O. Head pres. 9-3-32/333-334; Converts end opening automobile baggage cars to horse express cars, REX#803 10-8-32/501-502; Coordinated rail and air express 4-1-33/477-479; Std. truck bodies 12-28-35/867-868; Operations at Long Island City, NY 212-26-36/948-951; Century of express service 3-4-39/365-372; Operates 14,000 trucks 1-27-40/215-218; N.Y. sorting sta 12-14-40/897-901; 500 silver reefers pix 12-27-47/1130; L. O. Head & A. L. Hammel, presidents 5-7-49/925; Traffic 11-3-52/76-77; Business to continues as is 6-1-53/16-17; Status 3-8-54/72-74; Status 5-17-54/127; Phila. term. on Pa. RR 10-25-54/18-22; Los Angeles term. 9-5-55/46-47; Hoboken, NJ building for 108 cars daily 1-6-58/23-25; Loses money 5-19-58/37; Short containers 7-16-62/20; Sorting 1-21-63/13-15; Containers 6-24-63/27, 35; Tests small containers N.Y. to St. L. 4-17-61/20-21; Status 4-24-61/14-15, 18-19, 22; Harrisburg facility 10-23-61/22; Sells 20% interest to Greyhound 3-22-65/44-45; Can't sell to Greyhound says courts 6-12-67/10; Bankrupt 2-24-75/11;

Railway Post Office: See Mail above

Railway Supply Association: Atlantic City rail exhibit 7-13-53/94-97; 1953 Atlantic City convention 1-11-54/134-135; Chicago exposition 1--21-63/9-16; Exhibits at Chicago & Toronto of modern equipment 9-13-76/51-62. There were other trade shows reported but were on a much lesser scale apparently.

Research: See Transportation Technology Center.

Seatrain Co: Over-Seas Rys Inc multiple deck ferry "Seatrain" New Orleans to Cuba 9-15-28/492; N.Y. Havana route 5-28-32/921; Hoboken to New Orleans service 2-16-35/279-280; to resume operations 11-10-45/758; Container carrying 12-8-58/9 pix & 3-30-59/16-17; Hauls a new RR to Liberia - locos, cars, track 10-30-61/62-63;

Shops: Design of small shop on many RRs 5-21-15/1065-1071;

Spped of changes in Europe vs Am. In Europe when they decide to do it, they do it; In U.S. in same time period they are getting consultant's feasibility reports 3-27-78/3

Speno Rail Service (roadbed cleaning) 7-84/94-95;

Sperry Rail Service: track research 1-18-41/2182-186; Rail car testing service 5-9-66/20-22;

Stock Market: Great decline seriousness probably will cause a brief recession 11-2-29/1040-1041; Stock prices too high for present and future earnings 3-1-30/561-563;

Storage battery industrial trucks for baggage handling, etc at stations 10-22-15/737-738 & 3-17-28/639-640;

Super Railroads: Book by John Barriger 6-4-56/41-43, 2-20-56/24-28;

Tourist trains: Raymond & Whitcomb Co 9 & 10 car Pullman tour trains 6-5-26/1479-1480;

Train Orders forms 19 & 31` 6-7-12/1235-1237 & 2-21-25/461-464 & 9-12-25/482-484; Stewart's train order delivery staff 7-30-32/149;

Transportation Technology Center, Inc Pueblo Test Facilities (A.A.R. & Dept. of Transp.) : RR research laboratory opened 3-11-50/48 & 6-3-50/1082-1086; Lab at Illinois Institute of Technology opened 3-11-50/470-473; Research program reorganized 6-23-52/64-66; Car for research ARRX #1 121-7-53/16; Research of AAR 2-15-54/24-27, 34-36 & 6-17-57/52-55; Mechanical research 5-19-58/54-55, 58; Rail test car 8-7-61/17-18; Research program review of AAR 3-11-63/16-17, 23, 30; Research on cars 3-23-64/20-21; Wheel loads and rail failures 2-15-65/23, 27, 36; Results of track study of bigger cars 3-22-65/26-30; Research & future of AAR 8-9-65/16-19; Research on wheels and rail 3-214-66/20-24 & 4-18-66/18-23; Pueblo test grounds 9-13-71/38-42; The Pueblo facility 9-10-73/42-44,48; Fast track at Pueblo (FAST) 9-13-76/34-35; FAST results 4-11-77/20-21; FAST report 7-11-77/27-28; M.W. testing 3-9-81/32-34, 38; Heavy axle loading tests HAL) 9-87/83-85; HAL 12-90/79-82; Intermodal testing 5-91/48A-50; High Productivity Integral Train Project t5-84/22 & 9-87/43-51 & 2-90/31 & 6-91/67-71; studying new trucks 12-91/35-38; Declining accident rate due to testing 3-99/57-61, 71; Latest progress 4-99/65-67;

Trespasser deaths (5000 per year) 12-20-12/1173-1178;

University of Minnesota heart study car 2-17-58/27;

Watches: Wrist watches approved for us 6-27-60/9;

Wrecks: Cleaning up with off track equipment 7-2-62/19-20;

Y. M. C. A operated by RRs: 2-19-15/295-296; 2-26-15/358-359; 4-5-18/889-893; YMCA in wartime 7-14-45/65; 75th anniversary 5-3-47/894-897, 899; RR YMCA 7-9-51/78-80;

OFFICE PROCEDURES

Accounting Dept lax in supplying useful information 8-28-48/426-428 & 9-4-48/471;

Micro filming: waybills 4-27-46/867-869;

Printing telegraph system - teletype 8-13-38/252-255;

Punch card system for accounting - an early use 8-15-25/321-322; Use on DL&W RR 8-17-29/429-433; Tabulating machines 5-31-30/1315-1317;

Teletype Machines for car reporting (predecessor of Faxing) 2-20-37/333-335

RAILROADS

1932-1940 ups and downs review 11-2-40/626-633;

Abandonments: 1300 miles aband in 1917 - first year abandonment's exceeded construction 1-4-18/49-50; Proposed 30,000 miles of short lines be abandoned a & Recessions rticle by L. F. Loree, chairman K.C.S. RR 4-4-25/870-872;

Depression: & Recession: Comparison of decline in traffic 1921 & 1930 12-13-30/1257; Recessions, effects of: 1921 worst in history 4-15-21/941-944; & 1-7-22/1-4 & other articles in the issue;

Electrification: Staley system of electrification proposed for mtns of Colo, Ariz, NM, & Cal., 1240 miles, 9-1-23/392; Proposed electrification on East Coast Boston to Washington 11-5-21/881-885; Proposed for Chicago 12-10-15/1089-1091 & 12-17-15/1125-1128; Future 6-25-73/28-36; Will it happen? 3-10-75/28-37; New interest 8-13-79/24-26; Low cost catenary 8-9-82/42-43;

Englishman compares U.S.Ry and British conditions 7-5-30/23-26;

Future and past history, 1893-1943-1993 12-4-43/901-903; No case for despair 12-16-44/921-922;

Light Rail - See LIGHT RAIL

Logging: Logging RRs of the northwest (154 companies average 5 miles) 11-4-10/836-837; RRs in Wash. & Ore. for spruce built by U. S.. Govt. for airplanes 11-8-18/805-807;

Mono-rails: See LIGHT RAILS

Nationalization: See GOVERNMENT ACTIONS

Operating ratios: 9 railroads compared 7-89/36

Regional RRs : Survey 11-92/37-56; 5-88/RR7-RR16;

Short Lines: Class II & III RRs 10-1-51/92-95; Future 6-86/35-42; 12 things to be done in setting up a new company 11-86/39-41; Changing mileage of main line RRs and regionals and short lines last ten years statistics 4-96/47-51; Track maintenance 2-21-55/48-49;

Super railroads: Merging into 8 systems all RRs 4-4-19/884-889; 4 western RR systems proposed - several articles in 1923. See vol's index; John Barriger's views 2-20-56/24-28 & 6-4-56/41-43;

RAILROAD OUTLOOK & SHIPPER ATTITUDES

Note: Each year had an outlook article, often in January but most I did not index. I indexed only a few of the many, largely redundant articles that seem better than most.

21st Century RRs as envisioned at Seattle Worlds Fair 6-18-62/32-33;

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Rail: Heavier 8-4-28/209-212; 131# adopted to replace 130# 4-29-33/627-628, 634-635; Rail grinding train 5-30-55/38-41; rail wear and life expectancy under varying traffic 3-5-62/18-19, 27; rail grinding 5-92/43-47; Car axle loads 3-98/59-63; Rail grinding 3-96/49-53;
Roadbed construction 5-31-30/1308-1311; Concrete roadbeds 11-29-30/1193; 1972 test results - bad 4-12-76/34, 35;
Safety: Detection equipment - dragging equipment, bridge movement, earthquakes rock slides, bad wheels, fire, snow, hot boxes 7-17-67/14-15, 20-21, 32;
Spikes: screw type 3-14-13/499-504 & 2-8-18/294, 307-311; elastic spikes 3-20-37/517; tie downs replace spikes 9-93/79;
Subgrade stabilizing of track 4-86/35-36;
Switches: Use of stub switches to eliminate snow problems 5-18-64/12;
Ties: Tie replacement mechanization 8-24-53/74-75; Tie life 11-7-55/28-31; concrete tie progress 1-1-62/16-17 & 2-14-66/24-25; concrete tie future 4-10-72/26-28, 37; Concrete ties problems & future 8-12-74/46-48 & 8-9-76/28-29 & controversy 8-8-77/32-34 & costs 1-83/13; & 11-84/64-69 6-87/35-36; Various kinds of ties 3-88/31-36;
Track design and lateral equipment 2-84/44-48;
Track pans: Heating 3-14-13/496-497;

WARTIME & U. S. MILITARY RR SERVICE

World War II:

Many articles in late 1939 on wartime buildup which I did not index
RRs not ready for war 9-2-39/331-334;
RRs prepare 1-3-42/several articles;
Wartime transportation 5-23-42/980-988, 990-999; (many articles 2nd half 1942); 1942 accomplishments 1-2-43/many articles; VE Day 5-19-45/859-862;
Post War Planning (1st article) 5-23-42/1050-1051;
Canada: Preparing for war-time traffic 1-6-40/40-42;
Oil handling to the East Coast: 19,000 tank cars idle 7-26-41/156-158, 160; RRs start to move oil to East Coast, 75,000 barrels/day 10-4-41/548; Tank cars carried 464,561 barrels a day (225 barrels per car) or about 2000 cars/day. Sec. of Interior Harold Ickes all wrong 4-4-42/708; Oil hauling 8-22-42/306-309; Oil to reach 1M barrels/day 6-5-43/1140-1142. (See also N. Y. C. RR for Norris, Ind. oil trains);
Military RR Service: historical development 1-24-42/257-260; Described 10-30-43/677-681; Many articles, mostly not illustrate, 1943-45 not indexed.;
Fort Leonard Wood gets 20 mile RR built in 3 months 6-7-41/1002-1007, 1010;
Troop train: Move 150,000 for army maneuvers in 2 weeks 8-17-40/243-245, 256; handling 11-22-41/862-865; car usage 4-15-44/719-721; 11-18-44/783-785; Must be run as fast as regular trains 12-22-45/1032-1033;
Railway Battalions: 5 organized 5-9-42/914-915; Goal of 42 operating and 6 shop battalions 10-24-42/648-650, 654; #715 op. bat. 3-13-43/508-509;
713 Op in Italy 7-29-44/186-189
728 Op bat 7-31-43/206-207;
722 5-6-44/844-845;
723 Op. 8-5-44/234-235; in France 3-3-45/414-415, 416;
757 Shop 4-29-44/8, 2-815; Shop runs Henschel Loco. Wks 9-29-45/516-517;
Autorailer 3 unit train for an army ordnance plant 5-16-42/962;
Cars: composite gondola #900,000? 5-23-42/1001 pix; Reefers for North Africa 9-25-43/480-482; hospital cars from old sleepers 11-20-43/823; 32 Hospital cars from old lounge cars, obs. cars & business cars 12-4-93/905-906; hospital cars 12-23-44/964-966;
Hospital trains: on exhibition 11-27-43/872; train #2 pix in Italy 5-6-44/876; See also Cars above.
Camp Claiborne: U. S. Military RR training camp 7-11-42/52 & 7-18-42/109 & 8-1-42/164-167, 178;
Fort Slocum training camp for Battalions 710,716,717, 718, 722, 723, 724,740, 743, 744 12-11-43/928-929;
Transportation Corps created 8-15-42/260-262;
Locos for Gt. Britain 0-6-0T #1258 by Porter 3-20-43/546-547;
Troop sleepers, 1200 car #7000 9-11-43/420; 918-43/449-451;
Troop kitchen cars: 400 , #K-100 11-6-43/733-735;
Burma: Bengal & Assam RR run by MRS 6-24-44/1208-1209;
North Africa: Operations by U. S. Military RR Service 11-6-43/718-720;
France: Operations by M.R.S. 1-20-45/194-197; Movie "The Train" very authentic during German occupation 4-12-65/15;
Italy: Italy bridge replacements 12-16-44/916-920 & 12-23-44/952-955;
Philippines: MRs at Luzon 10-27-45/672-673;
War Zones: U. S. Military RR operations 3-25-44/590-594; One day activities in Europe 529, 275 tons handled on 6-7-45 8-25-45/329;
Navy: 10,000 KW mobile power plant 4-7-45/630;
German experimental locos to be brought to the U.S. 11-24-45/862; Description of equipment sent to Fort Monroe (Went to Fort Eustis and cut up 1954) 3-16-46/576-581;

Korean War and after:

U. S. Army equipment 9-3-49/427-429;
Troop movements 5-21-51/94-95; more by air than RR 6-28-54/51-53;
Ry Battalion 729 Army training 7-30-51/32-33
Combination rail/highway bus 7-30-51/25 & 5-17-54/92;
Locomotives: MRS-1 1600 hp #1808 4-21-52/12, 13 (I spent six months the winter of 1953-54 testing one of #1820 in northern Canada. The locomotive has been preserved and is in California.); Gen. El. Co. diesel 80 ton #1637 12-7-53/19-20; diesel hydraulic #1281 built by Baldwin 7-25-55/7 pix & 9-5-55/43-45; Alco built #2094 MRS-1 4-13-53/10; pix; 975 hp loco 12-2-57/18;
Military Ry service and loco. #7498 8-3-53/20;
Cars: 100 ton flat for tanks #39096 10-19-53/63-67; Hospital 11-1-54/58-59; Communication car named "Gen. Albert J. Myer" Sc 4 pix 7-28-52/12;
Missile carrying: ICBM firing from RR car 9-14-59/24-25; missile train test 5-9-60/9 & 6-27-60/12 & 7-18-60/16-17; Titan III rocket moved by rail Calif to Cape Kennedy 2-1-65/32-33;
Nuclear fuel shipping 8-14-61/29-30;
New 18 mile RR Leland, NC to Sunny Point, NC on Cape Fear River 6-13-55/61-62;
Moving 32nd National Guard Div in 17 troop trains and 700 frt. cars 10-20-61/9;

YARDS AND ENGINE TERMINALS

Turntables 8-18-23/295-298;
Hump yard with car retarders, first - Gibson, Ind., I.H.B. RR 11-15-24/895-898 & results 5-9-25/1143-1145; car retarder hump yard history 10-24-25/743-746; Use of retarders 8- -31/160-163; Retarders on hump yards 11-23-53/16-17;
Weighing cars: Automatic 1-24-66/29, 43; car weighing without stopping 3-9-54/22-23, 236, 28;
Snow removal: snow blowers for switches 1-7-63/35;
Switch heaters, electric 12-8-72/77-83;

RAILROAD AND ENGINEERING JOURNAL 1887 - 1892
AMERICAN ENGINERING AND RAILROAD JOURNAL 1893 - 1895
AMERICAN ENGINEER, CAR BUILDER AND RAILROAD JOURNAL 1896 -1899
AMERICAN ENGINEER AND RAILROAD JOURNAL 1899 - 1912
AMERICAN ENGINEER 1913
RAILWAY AGE GAZETTE MECHANICAL EDITION 1913 - 1915
RAILWAY MECHANICAL ENGINEER 1916 - 1952
RAILWAY LOCOMOTIVE AND CARS 1953 - 1975

In Oct. 1886 Matthias N. Forney (inventor of the 0-4-4 elevated locomotive) purchased the *American Railroad Journal* and Von Nostrands *Engineering Journal*. Although he continued with the volume numbers of the *American Railroad Journal* and its 1832 date, the magazine had little in common with its predecessor of the 1880s and nothing with it for the earlier years. Gone were the numerous little news items on railroads and the financial information, which were better handled in *Commercial and Financial Chronicle.* It would be devoted to engineering and mechanical subjects. Instead of being bi-weekly it became a monthly. Also, as far as I could determine, he adopted none of the features of Von Nostrand's magazine. That magazine had little railroad material, all of what there was being of no value.

Initially the magazine devoted much of its space to naval ships, guns, and machine tools. There were also comments on recently published books, personnel changes, and engineering society meetings, U. S. and foreign locomotives, railroad operations, and miscellaneous other engineering topics. Less than half the space was devoted to railroads. The first thing Forney did was to revise his very successful *Catechism of the Locomotive* and publish it serially during 1887 to 1889. In 1888 Angus Sinclair created the *Locomotive Engineer Magazine,* which was similar in some respects but aimed more at the operating management for locomotives.

In the early 1880s until a street railway journal began to be published, it carried street railways and elevateds. Circa 1890 the magazine carried much on railway construction in Central America and Mexico. I skipped most of it.

In 1893 the reversal of names in the name of the magazine also resulted in a 25% decrease of railroad material. During the 1890s much material appeared on balloons, gliding, and possibilities of powered flight. Late in 1895 he sold it to R. M. Van Arsdale. In Jan. 1896 the *National Car & Locomotive Builder Magazine* was acquired which Van Arsdale owned. He combined the publications, and gave the new magazine the unwieldy title of *American Engineer, Car Builder and Railroad Journal*.

In November 1895 it began publishing bi-weekly but within a year had reverted to monthly. By 1897 the magazine was mostly railroad with some ship and aeronautical.

What Forney did not do in converting the magazine to a railroad mechanical publication, R. M. Van Arsdale, did. During the next 20 years the non railroad material gradually decreased to nothing. A large amount of space was given to new machine tools that could be used in shops. Almost all of the many locomotive and car articles included drawings.

In 1905 Roy V. White joined the business as editor and for the next 40 years and more was the increasingly important figure in railroad magazine publishing.

From about 1900 to 1910 there was much on shop apprentice programs, special apprentice programs, and attracting college graduates. I index some of it which applied to specific railroads. During this decade railroads began instituting pension plans. I indexed the more comprehensive articles to the applicable railroad, but most articles were not indexed.

Upon acquisition by Simmons Boardman in Dec. 1911 they removed the shop material from *Railroad Age Gazette* to their new magazine. Articles on freight cars were largely discontinued as were the feature articles on shops. A monthly column was presented giving all the new roundhouses and shops under construction, but I did not index. Most articles did not pertain to a particular railroad. They covered details of current developments with probably no historical value. For several years little other than the routine appearance of new locomotives was felt suitable for indexing.

During the next 50 years there was some overlapping with *Railway Age,* particularly on new locomotives. *Railway Age* concerned itself with the overall aspects of railroad operations. Several other Simmons Boardman magazines, such as the *Railway Mechanical Magazine,* specialized in different aspects. *Railway Electrical Engineer* merged into *Ry. M. E.* Jan. 1943 as a result of diesel electric locos. The magazine was renamed *Railway Locomotive and Cars* Jan. 1953. It began skipping months in 1973, became bi-monthly in 1974 and discontinued with Dec. 1974-Jan. 1975 issue by which time there was little to report as there were only two locomotive builders, no passenger car construction, and freight cars were limited to a few standard designs.

U. S. AND CANADIAN AND STEAM OPERATED ELEVATED RAILROADS

Akron Canton & Youngstown: Bay window caboose #53 3-26/166; Covered hopper car #515 11-48/168;

Alabama & Vicksburg RR: $470 2-10-2 10-19/583-584; #450 0-10-0 pix. 10-24/636;

Alamorgordo & Sacramento Mountain RR: Shay #105 8-02/244;

Alaska RR: Cabooses 10-46/517-518; Container cars and power car 11-61/29; Loco. #1014 with high water trucks 8-65/54, 56;

Alliquippa & Southern RR #109 0-6-0 8-11/305;

Alton RR (See also Chicago & Alton RR): #5293 4-6-2 ,modernized 1-45/15-18; Aluminum box car 4-45/143-145;

Alton & Southern RR: #14 0-10-0 3-35/93-96;

Amtrak: Rehabilitating Camden to Atlantic City line to restore pass. service 5-89/28-29; Getting turbines 2-73/15-17; French RTG turbine train and new EMD diesel #503 8-73/13-16; Chicago facilities for turbo trains 10-74/14-16; 26 E60CP G.E. locos 12-74/18;

Ann Arbor RR: Owosso, Mi loco. & car shops 10-52/66-69;

Anniston & Atlantic RR: Gauge change 7-90/289;

Atchison Topeka & Santa Fe RR: Std. depot 24'x60', 6-89/281-283; track gang section house/home, 6-89/279-280; Foreclosure auction 1-96/10; electric lighting run off axle, 11-97/399; Player frt. car and tender truck 1-98/28-29; Lowe special fast train 11-03/420; Small coaling stations 5-10/168-170; Turntable for mallets 9-10/372-373; Apprentice shop program 6-13/311-313; Apprentice program 7-16/363-366l Frt. car apprentice program 8-16/403-405 & 10-17/577-578; boiler maker apprentice program 8-16/415-417; Apprentice program (SF had one of the most comprehensive programs) 6-24/355-359 & 7-24/415-418 & 8-24/467-472 & 9-24/527-531; Speeds up trains & inaugurates "Super Chief" 5-36/220; Pix. of 5 stainless trains lined up at Chicago 4-38/160; Pooled locos. 4-55/45-49; Rotary snow plow 9-60/40, 82; Loco. simulator for teaching engineers 12-68/27-29 & 8-69/19-21, 33; Coaxial train 10-69/36-37; Super C 40 hour frt service Calif - Chicago using GE U-30 & EMD SDP-45 locos 1-68/16-17; ;
Shops: Topeka shop 6-01/186, 9-03/320-322, 10-03/377-379, & 5-04/163; 0-4-0 shop loco. with crane 10-03/391; Pulverized coal plant at Marceline, Mo 4-17/187-188; Albuquerque shops 6-24/333-342; San Bernardino shops 6-26/362-370; Apprentice clubs 4-27/204-207; Diesel shop at Chicago 1-41/18-20; Servicing locos. on thru runs 1-43/29-31; Barstow, Cal. diesel shop 1-47/1-3; Argentine, Ks. City, shops after flood 12-51/61-64, 98; Hobart Yd (Los Angeles) frt. car repair facilities 10-52/61-65; Barstow diesel shop 4-65/28-30; Winslow, Az car shop 1-69/18-19; Barstow shop expansion 9-70/20, 45;
Cars: 9400 gal. tank cars 11-01/348; 4 wheel pass. truck 5-03/197; Air brake instruction car 8-03/290; postal car #150 steel under frame 10-06/396-399; Dynamometer car #29 4-12/181-187; Cattle & coke car #5541 11-06/416-418; 50 ton steel frame gondolas #79503 12-06/483-484; Box

car #36530 1-16/23-26; Reefer SFRD #11825 3-16/135-139; Stock car #68504 6-17/337-341; 12,000 gal. tank car 10-17/580-582; Reefer car #15640 8-22/455-457; dining cars 9-22/511-514; Box car #116699 8-23/573-557; Dining car #1454 pix. 6-24/360; Reefer #3352 pix. 6-24/361; box car #150,000 7-25/426, 428-429; lounge car "San Francisco" #1360 3-27/163-165; gondola #180024 9-29/550-552; Dining car #1418 air conditioning 12-30/696-699; 900 Hp. articulate gas electric rail car #M190 8-32/309-312, 315-316; Budd stainless coaches 3-36/89-93; Super Chief cars 7-37/303-308; Frt. car advertising #148304 9-40/363-364; Hopper cars with wood sides #180633 9-43/403-406; Stainless reefer car #13000 2-47/53-55, 68; Shadow lining pass. car exteriors 10-48/582-585; Super Chief vista dome car #501 3-51/49-51; Mechanical reefer SFRD #3150 11-53/102-105; High level full length dome car for El Capitan 6-54/65-69; flat car #90006 pix. 10-56/85; #169516 gond. rebuilt 1-58/27; TOFC 88' car 9-58/52; ; Box car #10001 10-58/21-22; Mill type gond.#168355 3-59/328-29; articulated TOFC car 1-60/35-39; Flat car #90081 2-60/19, 48; Auto rack cars #90082 3-60/28; Hopper #77902 10-61/28; Auto rack car #88953 1-63/26; Trough hatch hopper #302113 2-64/40-41; Foam panels insulate reefers 11-64/30-31; cleaning covered hoppers 6-65/35; coal gondola car to Kaiser Steel Co 4-66/28-29; Caboose #999315 rebuilt 12-69/34-35;
Locomotives: Player's tandem compound 6-99/211; #697 tandem compound 4-6-0 2-00/52-53; Marine boiler applied to 2-8-0 3-00/79; 2-6-0 fast frt. loco 4-01/113-114; #992 2-8-0 9-01/289; #1000 2-6-2 12-01/372-373; Oil burning 4-6-0 12-01/373-374; #824 2-8-0 1-02/10-13; #989 2-10-0 2-02/36-39; #836 2-8-0 6-02/179; #940 2-10-0 6-02/191-195; 2-8-2 1-03/15-17; #810 2-8-2 3-03/109; 4-4-2 Vauclain compound 6-03/210-213; #257 4-4-2 9-03/334 #915 2-10-2 10-03/372, 11-03/398-400 & 5-04/176-178; #1220 4-6-2 12-03/443; #1251 4-6-2 12-05/454-455; #1812 2-6-2 with slanting cyls. 11-06/434-437 & 12-06/481-482; #1296 4-6-2 & #1991 2-8-0 3-08/112-115; Flexible boiler mallets 1-09/16-17; #1300 4-4-6-2 & #1700 2-8-8-2 12-09/474-482; #901 2-10-2 with Jacobs superheater 6-10/233-241; #1485 4-4-2 2-11/44; 3 types of articulated boilers on #1170, 1159, 1158 2-6-6-2 3-11/102-105; #915 rebuilt 2-10-2 to 2-10-10-2 #3000 5-11/171-176; #1310 4-6-2 compound 2-12/65-70; #1355 4-6-0, #1902 2-8-0 & #1693 2-10-2 10-12/515-518; 2-8-2 10-13/525-527; #3600 4-6-2 5-15-/217-219; #3160 2-8-2 2-18-/83-85; #3701 4-8-2 1218/649-652; Oil burning loco. design & performance 7-20/449-450; #3755 4-8-4 7-28/372-380l; #5000 2-10-4 12-31/569-572; Receives new diesels for future "Super Chief" 12-35/487-489. 495; diesel fire on "Super Chief" test run 12-35/519-520 & cause of fire 3-36/96-97; #3460 4-6-4 2-38/79 & 3-38/93-97; #3771 4-8-4 & #5010 2-10-4 2-39/49-54; Rebuilds #3750 class 4-8-4 9-39/371-375; Use of diesels 4-40/131-136, 149; First EMD 5400 Hp. frt. loco #100 3-41-/119 & 4-41/133-140; #3780 4-8-4 9-42/367-371; #137 2-8-0 of 1880 pix 9-44/433; Alco-GE 3 unit 6000 hp pass. diesel 12-46/649-655; Diesel motive power experiences 9-53/84-89 & 10-53/70-74; Fairbanks Morse road switcher pix. #2818 10-55/60; #610 2250 hp road switcher 2-56/78; cut down short hoods on for better visibility 8-59/46-47; G.E. U30CG 3000 hp & EMD FP-45 3600 hp 9-67/21-22; Rebuilds F7 to CF7 #26491 6-70/23;

Atlantic & East Carolina RR: 4 wheel, 30 ton Plymouth diesel loco. 8-40/314

Atlantic & Great Western RR: "Telegraph" 4-4-0 loco. 8-32/334;

Atlantic City RR: Atlantic City Flyer 1897 performance, 12-97/426-427;

Atlantic Coast Line - Plant system: 4-6-0 compound 3-02/70-75, 82l; #494 4-6-2 5-19/230-235; Streamlined coach train 6-41;220-221; Ventilated box car #33291 rebuilt 11-24/681-683; Tampa loco. shop 12-29/726-735; #1805 4-8-4 12-38/463-467; Florence, SC, diesel shop 6-52/91-93; Wood chip car #84500 1-59/28; Box car #29071 12-56/33-39; wood chip car #84500 9-59/62-63; #2000 2750 hp loco 2-64/19-21; 135 ton hopper #500,000 9-65/38-39; Caboose #0600 8-65/32; Loco. #1000 model SD-35 8-64/20-21; #2011 3000 hp 7-65/21-23;

Baltimore & Ohio RR: Change of control of the RR 11-87/491; Employee relief fund, 6-88/287; instructions to horse car drivers, circa 1831, 9-89/400; Staten Island branch opened 2-90/49; Berlin, Md. frt. yard 3-90/143; Benwood, WV, roundhouse 12-92/579; Harpers Ferry cut-off completed 4-94/158; 5 ton steam crane 6-95/252-253; Train operation on Cranberry grade 2-97/72; Fast frts N.Y. - St. L, 60 hours, 3-97/91; Use of telegraph 6-97/207; New Camden sta. 11-97/385; Track realignment west of Martinsburg, 12-97/422; New Philadelphia pier #22 4-98/143; New use of pass. engines over 2 Divisions 8-99/261; Crookedest RR in U.S. on Boswell, Pa. line 12-01/382; 600 ton coal sta. at Sir Johns River, W.V. 11-11/430-431; Cumberland terminal 11-13/591-593; Use of women at Lorain shop 6-17/359-360; pix train on Indian Creek, Pa. curve 4-23/229; Handling trains on 170 grades of 1% or more 5-26/283-284; "Fair of the Iron Horse" 10-27/657; Cooling cars with blower and ice box 12-30/710-711; "National Ltd." air conditioned 5-32/214-215; Piedmont, WV yard and shop L/O 1865 and in photo 1893 10-32/415-416, 417; Foxburg, Pa. engine term pix 3-33/95; 2 streamlined trains 5-35/171-175; "Royal Blue" train reequipped with rebuilt std. wt. cars 5-37/241; New Castle yard & radio use 4-46/213-215, 221; Locust Point, Md. fruit pier 8-59/59;
Shops: Mt. Clare erecting shop, 11-97/365-367; Glenwood (Pittsburgh) shop 6-19/288-296; Washington, In, frt. car shop 11-26/679-681; diesels in back shop 4-44/154-155, 162; maintaining diesels in a roundhouse 9-44/393-396. 398; Cumberland, Md. boiler flue shop 9-47/458-461; Glenwood (Pittsburgh) shop rebuilt for diesels 1-53/63-69; DuBois back shop converted to frt. car repair 6-55/62-64; DuBois car shop procedures 6-57/40-45; Barr Yd shops 11-65/42-43, 48;
Cars: Std. wood and experimental metal hopper cars 4-92/165; 34' std. box car and 52' special box car, 11-92/500; 34' 1886 stock car, 1890 34' gondola and 1862 iron box car of 1862. 12-92/542-543; Orders 6000 steel hoppers & gonds - largest order ever given by any RR 11-00/356; Steel frt. car experience going back to 1862 5-07/157-161; Hart convertible car 6-06/241-242; milk car #820 12-14/621-623; Reefer cars 12-17/685-688; milk tank car 12-21/763-764; Edwards Motor co. 2 car gas motor grain #6000 8-22/453-454; iron Civil War box car #X961 7-23/413; Hopper car #332161 7-23/316; Dining car #1036 "Martha Washington" 11-23/767 & air condition 9-30/508-510; box car #266,999 8-25/506; box car #272,500 pix 2-29/93; box car #272,500 8-30/444; mill gond. 65 ft. #450,076 pix 2-31/79; 3 hopper car #23002 of 1860s 10-32/410; covered hopper #630,200 pix 6-35/264; wagon top box cars #381,798 9-38/351; Rebuilds 20 Colonial diners 5-43.209, 212; Hopper car #735,430 6-58/57; covered gond. for steel #451,098 8-59/36-37; articulated TFOC piggy back cars with wheel wells #9604 2-60/24; Canstock box cars #480800 4-72/8-10, 21
Locomotives: Loco. record as of 1850, 5-92/206-208; electric locos, 5-93/214; #1312 4-6-0 & #1608 2-8-0 11-96/289-293; Winan's camels #178 0-8-0 illustrated 6-98/205-209 & 9-98/321; Hayes camels 4-6-0 illustrated #198 11-98/361-362; "Centipede" loco 4-99/105; 4-4-2 2-01/46; 0-6-6-0 5-04/167, 6-04/218, 237, 7-04/262, 8-04/297; Electric locos #5 & 6 multiple unit 9-03/324, 332; 0-6-6-0 boiler 7-05/249; #2503 2-8-0 1-06/29-31; #2100 4-6-2, #1104 0-6-0, el. loco #7-8, #2400 7-06/254-257; #2140 4-6-2 & #4008 2-8-2 4-11/142-144; #2404 0-8-8-0 5-11/182-184; Performance of mallet #2400 in road service 10-11/393-394; Development of loco. front ends 1853 to 1913m 12-14/617-620; #7109 2-8-8-0 8-16/389-392; #4500 2-8-2 8-18/436-438#6100 2-10-2 2-24/73-76; Pres. Cleveland" Caprotti valve gear 11-26/614-619; Gets 4 test locos #5510 & 5550, 4-8-2 and #7450 & 7400 2-6-62, 8-31/397-403; semi water tune firebox 5-32/188-189; "Lord & Lady Baltimore" 4--6-4 & 4-4-4 #2 & #1 5-35/176-179. 194; #3710 4-6-2 & 4102 4-8-2 10-35/415-419; Proposed 16 cyl. steam loco. 10-31/505-506; Diesel #56 runs 365 on Capital Ltd. without missing a trip 4-40/169-170; Operates first frt. diesels in the East 10-42/440; 2-8-8-4 6-44/251-255; diesel loco. failures & delays 1942-1945 3-48/117-120; #5658 4-8-2 gotten from B. & m. RR 10-47/602;

Baltimore & Ohio Southwestern RR: Electric turntable 12-97/416; Ballast stone crusher 1-98/16-17;

Baltimore Belt Line (B&ORR): Locos 11-94/513; tunnel construction 4-91/192; 8-95/342-343;

Bangor & Aroostook RR: #87 coal with roller bearings 1-14/19-22; Derby car shop & box car #60677 (?) 5-24/282-284; Dynamometer car 5-28/262-266; Derby shop & labor bonus system 9-28/525-528; Streamlined coach #230 12-30/564-566; Box car #65000 8-38/295-296; Frt. car colors 7-58/15-20; Handling pulpwood, car #5155 5-50/251-257; 72' pulp wood car 2-65-23;

Belt Ry. of Chicago: #105 0-8-0 11-11/457; Pix. of #3 2-10-2 12-31/577; #300 300 hp switcher 10-34/347-351;

Bessemer & Lake Erie RR: (See also Pittsburgh, Bessemer & Lake Erie RR) steel box cars 4-12/193-196; 5500 class hopper cars after 20 years 3-16/129; Greenville facilities 12-23/834-840 & frt. car repair shop 3-26/167-170; First hopper cars of 1897 #5645 & in 1928 11-28/650; Gond. #10456 Schoen design 1899 put on display (didn't record magazine. Check 12-28 to 4-28.); Hopper #5858 pix in 1897 & 1928 4-29/198; 90 ton hopper #60625 1-32/17 pix; Greenville roundhouse 3-39/101-104; Covered gond. #17432 7-61/51; Foam covered hopper cars retard freezing #69544 3-64/23-25, 42; 125 ton hopper car #2000 5-67/23, 39; 2nd generation 100 ton hoppers 1-70/28-30;

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Boston Revere Beach & Lynn RR: Block signals 11-93/550;

Boston Terminal Co (South Station): Plans 2-97/48; construction progress 11-97/397;

Brooklyn Bath & Coney Island RR: conversion to electricity, 3-94/139;

Buffalo & Susquehanna RR: Coke car #8056 6-05/236

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Burlington Cedar Rapids & Northern RR: #77 4-4-2 12-00/375-377;

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Canadian Pacific Ry: Montreal sta. 2-88/64-65; Aylmer Branch Hull to Aylmer electrified by the Hill Electric Co. 12-96/308-309; employee relations 2-10/61-63; streamlined train results 4-35/167; "Canadian" vista dome train 8-57/35-39, 51; radio control helper locos in Brit. Col. 9-69/23-26; Test catenary near Revelstoke 1-73/27; Run thru cabooses #438861 2-71/28-31;

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Carolina Clinchfield & Ohio RR: #550 2-6-66-2 & #151 4-6-2 9-10/356-358; Caboose #1061 pix 9-42/373;

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Central Pacific RR: #149 4-4-0 runs 879 miles on a train, 6-89/252;

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Central Ry. of Pennsylvania (CNJ) box car #22481 9-52/131;

Central Vermont RR: Wrecking car X494, 8-95/367-368; yard crane X491, 9-97/418-419; #407 2-8-0 4-06/130-133;

Charleston & Savannah RR: #100 4-6-0, 12-93/576-577;

Chattanooga & Lookout Mountain RR: "Mississippi" 2-6-4, 3-89/134;

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Locomotives: #20, 0-4-4, 7-89/335; #129, 4-6-0, 7-90/314-316; #147 4-6-2 8-02/236 & 9-02/280-283; #8 0-8-0 5-04/184-185; #751 2-6-6-2 12-10/470-472; #316 4-8-2 10-11/381-387, 401; #800 2-8-2 3-12/128-131; #182 4-6-2 12-14/614-616; #875 2-6-6-2 2-19/74-77; #133 4-8-2 1-19/25-30; #59 0-10-0 1-20/11-15; #1102 2-8-8-2 4-23/206-211; #3004 2-10-4 11-30/6154-619, 633; #600 4-8-4 2-36/45-48, 59; #1605 2-6-6-6 5-42/199-207. 216; #305 4-6-4 8-42/330-335; #2730 2-8-4 8-44/349-352; Steam turbine el. loco 4-49/214-219; #1600's horsepower 6-49/319;

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Chicago & Atlantic RR: Accident at Kouts sta. 11-87/491-492

Chicago & Eastern Illinois RR: 40 ton gondola 2-98/50; #145 4-8-0 3-00/84; #173 4-8-0 camelback 12-00/385; #289 4-6-0 3-05/97; #1717 0-6-0 built from 4-6-0 11-17/619-621;#2006 2-10-2 3-30/131-135, 144; Danville loco. shop 6-38/226-231; Danville pass. car shop 9-39/364-369; Hopper car #98,000 2-49/97-100; Hopper car #89199 & 98599 5-52/70-73; Danville shop rebuilds pass. cars 1-58/30-31; Depressed flat car #43000 pix 2-58/33; Dolton, Il loco & car shop 2-68/17-19;

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Chicago & North Western RR: Sioux City bridge, 5-91/218-222; Loco. testing plant at Chicago, 3-97/84-86; Sanborn train order signal 11-97/378; Portable heating plant W & St.P. Div. #159 12-00/386; Clinton, Ia. roundhouse 1-01/25 & 8-02/254; Chicago pass. sta. 11-08/435; Loco. testing plant given to Univ. of Ill., 9-10/347; East Clinton, Il engine terminal 5-11/165-168; Chicago new terminal passenger usage 10-12/518; Safety program 3-13/137-141; "City of San Fran. & City of Los A." 9-41/337, 340, 350; High speed train first in U.S., Chicago to St. Paul using conventional equipment 2-35/52-54 ("400" before Hiawathas); "400" cut to 6.5 hours 4-35/167; "Forty Niner" to be inaugurated 5-37/242; Wreck train crew car 4-49/194-195;
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Chicago & Western Indiana RR: #102 2-6-2 2-05/56; Thawing out frozen cars 11-15/574;

Chicago Burlington & Quincy RR: Rulo, Neb. bridge over Mo. River 9-87/403-407; St. Louis frt. sta, 8-93/378-379; #590, 2-4-2, 12-12-95/568-570; Unusual use of loco. Rock Island to St. Louis on trains 48 & 49, 1898/321-322; New line Alliance to Brush opened 10-00/332; Water purifiers in Ill. 11-01/344-345; Burning lignite coal 5-08/161-163; long loco. run w.#2850 5-25/261-265; "Zephyr" 5-34/147-153; 4th car added to "Zephyr" 7-35/329; "fireman" agreed to on "Zephyrs" and no fireman on diesel switchers. 1-36/42; On time performance of "Zephyrs" and all other trains 5-36/201-202; New Zephyrs for Denver and Twin City trains 1-37/8-215, 25; "Pioneer Zephyr" wreck at Napier, Mo. 3-40/107-108; "General Pershing Zephyr" 5-39/169-174, 186; Car washer for dome cars 9-48/484-486; Radio for cabooses 3-49/152-154; "Cal. Zephyr" 5-49/241-246; "Denver Zephyr" after 13 years 7-49/374-376; 20 years p[progress on locos, frt & pass. cars, shops , covered hopper #181669, caboose #13525 12-58/19-33, 36-39, 42-43, 46-52;
Shops: Havelock Neb. shops 1-11/13-19; West Burlington shops 1-19/5-16; Denver loco. shop 7-23/485-489; Hannibal, Mo shop & eng. term. aerial pix 11-23/769; Eola scrap yard near Aurora 8-24/477-479; Aurora car shop 5-25/284-287; Gas. el. rail car repair facility 3-31/129-134; Havelock, Ia. car shop & box car #25570 10-36/455-457 & shops with hopper #194,000 & hopper #221,500 5-44/222-224; Denver diesel shop 12-46/661-663; West Burlington diesel shop 1-47/9-13 & 3-47/140-143; Havelock car shop 4-63/19-23; Lincoln, Neb. diesel shop 5-65/38-41; Burlington Refrigeration Express shop moved from Plattsmouth, Neb. to Havrelock (Lincoln) 12-69/19-21
Cars: #15500 40 ton coal car 12-00/369-370; Dining cars 4-01/116-117 & 5-01/158; 50 ton gondolas 11-03/407; Air brake instruction car #204501 4-07/142-143; Drop bottom gond. #78000 6-08/247-248; Coaches #6115 3-17/143-145; Gas. rail car #500 9-22/522; Gas rail car #502 1-25/11-13; Box car #25570 10-36/455-457; Ballast hopper #220,599 1-39/30; Box car #30010 2-41/60-64, 66; Aluminum hopper #190,854 9-44/397-398; 300 Govt. War Dept. kitchen cars converted to express cars 12-47/695; Gallery commuter car pix 3-49/129 & 120-50/713-716; Vista dome cars for "Ks. City Zephyr" & "Am. Royal Zephyr" 4-53/80-84; Covered hopper #85114 10-58/24; Center sill gliding box car #34953? 9-62/43-46; 60' reefer #5233 BRMX 6-66/28, 30, 40; stock container goes on flat car for seasonal business 2-67/30, 44; 40' hi-cube box car #19825 12-67/26-27; Plastic roof on big box car Burlington Refrigerator Express RBCS 2914 4-68/28-29;
Locomotives: Tests of Woottann firebox 12-12-95/570; #1591 4-4-2 5-99/141; 4-4-2 with semi wide firebox 6-99/208-209 11-99/347; 2-6-2 and 0-6-0 with semi wide fireboxes 4-00/103-1-07; 6 wheel tenders 6-00/183; #1701 2-6-2 with wide firebox 7-00/217; #687 2-6-2 5-01/135-137; #1586 4-4-2 4-02/118-120; #1721 2-6-2 11-02/343; #2700 4-4-2 6-04/211-213; #1918 2-6-2 9-04/356; #1950 2-6-2 3-05/79; #20050 2-6-2 & 406-2 8-06/300-301; #2850 4-6-2 9-09/376-377; #4108 2-6-6-2 5-10/171-174; #6000 2-10-2 5-12/231-237; #5227 2-8-2 12-12/619-621; #6306 2-10-2 3-19/119-123; #6312 2-10-4 8-28/426-431; #9121 diesel 11-33/395-397;

Chicago Great Western RR: #232 4-6-0 10-99/321; #264 2-6-2 4-02/122-124; #503 4-6-0 2-10/64-65; M205 gasoline motor train 9-23/640-642 #M300 gas. el. car 10-24/599-601; Ry motor car service 5-25/274-275; Gasoline 0-6-0 5-26/268; 3 car motor train "Blue Bird" #1000 5-29/251-255; Hopper #67591 welded 8-31/404-407; Oelwein shop L/O in 1899 10-32/420; Caboose #123 5-35/198. 206; Oelwein loco. facilities 6-35/220-227; Auxiliary water car #033 for 2-10-4 5-39/185; Walter Chryser obit 9-40/376; 200 ton wrecker #X200 5-45/217; bulkhead flat car #3004 pix 9-58/18;

Chicago Indianapolis & Louisville RR: #111 4-4-0, 8-97/259 & 9-97/298-300; track realignment 12-97/421; Pass. car #49 with steel sheeting 9-28/506-508; #37 0-6-0 11-24/660-661; Converting surplus army hospital cars 1-48/69-72; Converts Pullman tourist car #1522 to baggage car 9-49/501; Piggy back flat car #7591 12-57/30-31; Rebuilds 40' box cars 4-69/24, 29;

Chicago Junction RR: #221 0-6-0 11-18/593-596

Chicago Milwaukee & Puget Sound RR:L #2502 2-8-2 8-09/305-307; Dynamometer car D-1 5-11/177-179; Automobile car #26501 5-12/253-256;

Chicago Milwaukee & St. Paul RR: W. Milwaukee electric turntable (first one in existence)6-97/191-192; Circular headlight 12-98/400-401; Signal poles 9-98/292l; Sand house 10-01/315; Thru frt. & inspection procedures 1-20/19-24 & 1-27/???; Galewood yard pixs 1-22/27; Chicago-Milwaukee 67.5 minutes on 90 minute regular schedule 9-34/343-344; Soda Ash Johnny M. Horan who worked for RR until 100 obit 3-38/120; Train communication in electrified area 8-45/357; Updating the electrification 5-55/57-61;
Shops: West Milwaukee car shops 2-99/37-39 & 2-30/111; Milwaukee paint shop 6-31/292-297; Mil. coach shop 5-47/248-250 & wheel shop 6-51/51-56; Servicing diesels at Mil. 5-60/23-24; ;
Frt. Cars: 46' furniture car 9-96/208-211; Furniture & carriage car, 50', 1-99/8-9; Gondola #34347 2-18/99-101; 50T wood ore car 4-01/125; Drop bottom gond. #304,500 11-22/638-641; auto car #59496 2-23/97-105; Box car #712499 12-26/743-749; auto car #271199 5-27/287-289; stock car #104,807 pix 10-29/635; dynamometer car 7-30/397-399, 406; Box car #711810 for hide service 3-33/96-98; auto car #13252 7-37/327-331; Caboose with bay window #065 8-38/372-373; flat car #65643 1-39/11-14; Caboose #01803 5-40/193-195; Box car #19500 12-40/528-530; #50074

box car 12-41/508-511; composite gond. #82,000 7-45/283-285 & 80309 3-47/132-136; box car #23105 4-47/173-175;
Pass. Cars: Car lighting by storage battery, 12-97/405; Buffet parlor library car "Wawatosa" 11-09/446-451; steel diner, parlor and observation cars 6-11/208-211; Baggage car painted with Indian mural 7-23/466; Rebuilt diners 9-25/571-572; Roller brgs on pass. car, pix #4280 11-26/667-670; Dining car with electric refrigerator #5158 5-28/273-277; streamlined coaches 10-34/361-363 & 12-34/444-446; New Hiawatha cars 11-36/467-472 & 477; More pass. cars for Hiawatha 3-39/95-100; New pass cars 4-43/157-162; 1000 hp. diesel rail car #5901 2-49/83-84; Dome lounge cars 2-53/49-54; stainless commuter cars 7-61/40-41, 58;
Locomotives: #838 4-4-2 8-96/170; 0-6-0 2-99/59; 4-4-2 10-01/312-313; #854 4-6-2 3-05/74; #952 4-4-2 1-08/36-38; #3510 4-4-2, 3-09/115; #3000 4-6-2 & #424 2-8-0 11-10/448-451; #5023 2-6-6-2 3-11/90-91;2-6-6-2 road test 4-11/137-138; G.E. Bi-poler el. loco & Baldwin-West. el. 5-20/259-264 #9301 2-6-6-2 rebuilt to simple 2-30/65-68; #6400 4-6-4 3-30/127-130; Hiawatha 4-4-2 6-35/232-239; #10 4-6-0 streamlined & earlier photo 4-37/193; #206 4-8-4 4-38/123-128; #100 4-6-4 11-38/444-450; #232 6-40/216-218; Fairbanks Morse 1000 hp. #1802 10-44/439-443; Rebuilds #10100 class electrics 7-53/73; Multiple unit diesels & el. locos together 9-58/65-66, 70;

Chicago Peoria & St. Louis RR: Valve gear driven from cross head 4-13/215-216;

Chicago Rock Island & Pacific RR: Mississippi River bridge at Rock Island 12-96/329-330; Scrapping frt. cars 2-39/68-70; La Salle St. sta. new lighting 5-44/233-234; Talgo train 6-55/55-56 & 10-55/55-57, 61;
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Chicago St. Paul Minneapolis & Omaha RR: Sioux City bridge 5-91/218-222; #174 4-6-0 5-92/204-205; #36508 box car 1-22/28;

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Duluth Missabe & Iron Range RR: #231 7-43/299-305; Caboose C-129 10-47/595-597;
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Grand Trunk Western Ry: Battle Creek loco. shop 8-23/584-591; Battle Creek eng. term. 2-26/115-119; Port Huron pass. car shop 12-28/683-688; Bay City engine house run by one man 11-30/609-611; Pontiac eng. term 12-30/677-682; Stock car pix #180,000 2-36/69; Port Huron car shop 6-36/256-260; Hopper cars #107400 & 107605 & box car #460523 6-36/256-260 pix.; Battle Creek shop 1-62/30, 32,36;
Great Northern RR: Cab signal experiment, 6-93/305; Buffalo, N.Y. grain elevator 10-97/338; Cascade tunnel electrification 5-10/187-190; Gt. Falls, Mt and other eng. terms. 6-31/286-291, 302; Servicing the "Empire Bldr" at St. Paul 8-33/295-296; New "Empire Bldr" 5-47/225-228, 235; Discontinues el. operation in Cascade tunnel 10-56/75-76, 79; Box car cleaning system 2-62/23, 26;
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Kansas City Pittsburgh & Gulf RR: Tank cars for hauling live oysters, 2-98/58

Kansas City Southern RR: #556 2-8-0 class 3 repairs in 8 hours 5-24/300-302; Car shop apprentices at Pittsburg, Ks 8-25/511-512; Hopper gond. car #29000 11-32/439-443, 449; Pittsburg shops & auto car #20649 6-34/179-184; #900 2-10-4 12-37/555-559, 570; "Southern Belle" 12-40/523-525, 539-540; Radio communication on entire RR 1-45/38-40; 8000 hp diesel #60 pix 8-47/407; EMD SD40-2 #639 loco. 3-72/20-21;

Kansas City Watkins & Gulf RR: completed 6-92/253;

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Locomotives: #444 4-6-2 "Strong" duplex 3-87/106-107 + insert & boiler 4-87/159-164 & 10-87/444-445; #615, 4-4-0, 11-93/528-532; Belpair firebox for a wide firebox, 8-94/346-347; Inspection loco. "Dorothy" 1-95/27-29, 30; #802 2-8-0 performance of simple & compound locos, 8-99/250-251; #681 2-8-0 12-98/395 & 1-99/10-12 & 4-99/110-111; 4-6-0 camelback 10-00/312-313; #2010 4-6-2 3-14/117-120; #2102 4-6-2 & #4000 2-10-2 5-17/231-234; #1360 4-6-0 equipped for pulverized coal 8-19/498-500; #468 & 462 2-8-2 11-23/739-742; 3 cyl. test of #5000 4-8-2 4-23/203-205; #401 100 ton diesel; 2-26/92-95; #5100 & 5200 4-8-4 5-31/236-240; Tender booster on 5100s, 4-8-4 8-34/288-289; #5126 4-8-4 4-35/132-135, 143-144; #5220 5-44/201-203, 206; Rebuilding diesel switcher #125 7-58/34 pix;

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Los Angeles & Salt Lake RR: L.A. car & loco shop 6-27/323-329;

Louisville & Nashville RR: 7000 gallon tender 11-06/414-415; telegraph dispatching 1-11/19; 2--8-4 locos reduce costs 10-49/548-551; Shops: South Louisville shops 6-05/207-209, 6-06/208-210,10-06/378-387, 11-06/418-422, foundry 2-07/50-53, blacksmith shop 4-07/121-127; Louisville diesel shop 8-42/352-354; Louisville loco. electric shop 9-52/66-69, 74; Spot repair yard at Birmingham replaces rip track 6-60/56-57; Cars: 50 ton composite hopper car 10-01/310-311; box car #13499 8-25/506; auto car #47875 pix 4-30/207; Dining car pix #2703 6-32/231-232; Hopper #119,982 12-60/36; aluminum hopper car #38600 12-61/33100 ton hoppers being tested #190101 4-62/22-23; 100 ton box car #105,000 11-62/23-24; Hopper car #190102 6-63/38-40, 52; Hopper #190200 11-63/21-23, 47; Wood chip car #31002 12-63/21;

Maine Central: #159 2-6-0 9-96/218; Gondolas #2756 6-09/250-252; "Flying Yankee train 3-35/85-92; 72' pulp wood cars #1400 2-65/23;

Manitou & Pikes Peak RR: 12-90/574; Loco. 8-92/357; diesel el. rail car 9-39/381-382;

Maryland & Pennsylvania RR: 2 car motor train #61 12-22/696-697;

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Michigan Central RR: Steam ferry boat, 2-89/80-81; Comparative tests of 2-8-0 & 2-6-0 & profile map, 12-1/378-381; #480, 4-4-2, 1-03/33; Jackson, Mich shop's power plant, 3-03/88-93; #499 4-6-2, 9-04/346-348; Reefer #16249 3-18/149-152; Niles, Mich eng. term. 6-20/339-343; #11266 hopper car 8-21/504; #8000 2-8-2, fore runner of Lima super power 8-22/437-438 & 9-22/497-501;

Michigan Southern & Northern Indiana RR: Old pass. train with dust deflector 1-48/76

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Minneapolis St. Paul Sault Ste. Marie RR: #600, 2-10-0, 10-00/319; #128, 2-8-0, 12-00/389; #445, 2-8-0, 5-05/150; #731 4-6-2, 8-11/510; Minneapolis wheel shop 1-14/33-36; #5000 4-8-4 10-38/361-364, 379 ; Gond. car #67001 7-49/384-386;

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New England RR: steam motor car 11-97/367-369 & 12-97/414; Steam car operating results 1-98/29-30; steam car boiler 6-98/213;

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New Orleans & Lower Coast Ry: Gas motor car 4-22/207-208;

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New York & Northern RR: #22 2-4-4, 10-88/450-452 & 3-89/135;

New York Central (& Hudson River) RR:(See also Lake Shore & Michigan Southern, Michigan Central, N.Y. West Shore & Buffalo , Cleveland Cincin. Chi. & St. Louis RR Toledo & Ohio Central RR): Buffalo Terrace Park Sta. 5-85/208-210; Spraker's station accident, 1-90/3; Grand Central depot electric transfer table 5-90/233; Bedford Park foot bridge, 2-92/67; Garrison wreck findings 1-98/26; Track on Park Ave, NYC, 9-01/286; Apprentice system 6-07/201-209, 7-07/253-259, 9-07/333-337, 10-07/373-384; Pension system 1-10/35; Wreck train equipment 3-13/145-147; N.Y.C. Lines becomes N. Y. C. System 8-35/368; 20th Century boiler explosion findings 11-43/568-569; Scooping water at 80 mph 10-44/446-450; Begins flexi van container operation 5-58/39; Cleans 150 box cars daily at Buffalo 2-64/22-23;

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Locomotives: #829, 2-6-6, 9-91/410-411; #903, 4-4-0, 11-92/495; #586 & 602, 2-6-0 on special tests of air brakes, 11-92/497; #903 4-4-0 compared with London & South Western Ry #580, 2-93/59-67; 3-93/116-117; 4-93/165-168; 5-93/ 219-223; 6-93/265-268; 7-93/317-319;8-93/371-374; #923 4-4-0 6-96/94; #870, 4-4-0 performance 5-94/197; 4-4-0 suburban locos, 12-97/430; #786 2-6-0 11-98/362-363; #948 4-6-0 8-99/255; Vanderbilt corrugated firebox 9-99/279-281; #1743 2-6-0 4-00/108; Comparison of 4-4-0 and C&NW 4-4-0 10-00/301-303; 4-4-0 1-01/8, 2-8-0 3-01/83; #1410 2-6-6T 4-02/114-117; #2498 2-8-0 1-04/16; #2799 4-6-2 3-04/86-87; Proposed electric loco. 6-04/216-217; #2399 & 2421 2-8-0, 4-03/126-129 & 5-03/174-177; #3000 4-4-2 5-04/166 & 6-04/240-242; #6000 el. loco. 12-04/462-464; Test of el. loco and 4-6-2 #2796 6-05/225-226; #3804 4-4-2 4-05/109-110; #2749 2-8-0 w/Walschaert gear 6-05/212-213; Inspection loco. "Chicago" 4-4-0 10-05/384; #2099 4-6-0 2-06/59; #3404 & #6000 2-D-2, 1-07/1-5;# 3565 4-6-2 5-08/164-166; #7500, B-B, 9-09/326-363; #3426 4-6-2 4-11/132-135; L.S.&M.S. 2-8-2 5-13/231-236; #2932 2-8-0 with stoker 11-13/621; #2500 4-8-2 2-18/77-80; #3149 booster equipped test results 12-20/753-756; #2568 3 cyl. 4-8-2 11-23/743-744; #3334 4-6-2 makes round trip without change Harmon to Chicago 10-25/664; #2700 4-8-2 2-26/80-83; #5200 4-6-4 3-27/138-141; #1550 750 hp pix 10-29/645; #5344 first roller brg 4-6-4 5-32/190 & 11-32/451-456; Streamlined "Commodore Vanderbilt" locomotive assigned to 20th C. Ltd 4-35/167; Class J3a 4-6-4 #5405 & streamlined #5445 5-38/165-173; #3037 4-8-2 1-41/1-8, 21; J3 and J1 & Pa. K5 compared 8-41/303-307 & 9-41/341-347; ; #3113 4-8-2 8-43/356-362; #6000 4-8-4 10-45/421-428; Diesel hump yard pushers & slug #451 3-46/146-148; Getting 25,000 miles a month from 4-8-4 -maintenance procedures 7-47/354-367 & 8-47/413-415; mixes all 4 diesel maker units for M. U. operation 6-56/72-75; GP40s model, #3019 2-66/20-22;

Cars - Passenger: Express car for horses 10-00/310-311; Empire State Express new cars 8-99/251; suburban car electric trucks 5-06/166-169; M.U. car #3000 3-07/81-86; buffet lounge and baggage car #473 6-10/205-206; Steel coach #1448 2-13/89-95; Container car #5999 in express train service 3-21/171-172; Gas el. car M14 5-28/250-253; coach stainless #2560 1-39/18; Sleeping cars for 29th C. 10-38/272-376; Coaches #2603 11-41/476-478; Coaches #2670 10-42/515-518; 36' rider cars built from box cars to replace coaches on milk/express trains 3-44/130-131; Coach #1307 c. 1910; New cars for 20th Century 12-48/707-711; 100 new M.U. cars #4515 10-50/580-585; MU cars 4-62/17-19; Converts main line cars to commuter car #1722 4-66/36, 40;

Cars - Freight & Company equipt. : 50 ton steel flat cars 11-00/338-339; 40 ton box car 3-02/68-69; air brake instruction car 9-02/286-287; dynamometer car 6-05/98; baggage car for automobiles 12-05/444-445; 36' box car 3-07/92-95; #91124 steel box car & #100145 wood box car 1-13/40-42; Container cars 1-22/17-18; Container cars #337944 & 5996 12-22/693-695; dynamometer car X8006 4-25/202-206; side dump car X6665 9-27/602-604; Heating trailer for el. locos. 5-32/177-180, 187; Covered hopper car 70 ton #881200 5-47/233-235; "Pacemaker" frt train box cars 1-49/63-67, 76; Bay window cabooses #20203 4-50/194-195; Mechanical reefer NYMX #1030 pix 3-57/54; Flexi-Van Mark III 6-61/38; Flexi-Flo pneumatic dry bulk car #885884 10-64/41;

New York Chicago & St. Louis RR: Brooks 4-6-0 5-96/72-73; #616 2-8-2 12-21/737-738; Wood sides hoppers #31299 11-23/754-756; Auto car #18219 & Conneaut car shop 8-27/551-553; Frankfort, Ind. car shop 1-28/27-29; #703 2-8-4 11-34/387-391; Box car #8500 12-50/720; New diesel and steam engine house at Chicago 12-51/67; New Calumet, Ill engine term. 1-52/39-42; 4 truck flat car #290 4-55/12; Piggy back flat cars and truck trailers #2001 9-58/56-57; Bellevue car shop 9-69/31-33;

New York City & Northern RR: #8 0-4-0T pix 10-33/379;

New York Lake Erie & Western RR: New ferryboat 3-981/137; poling car 11-94/514-515; Hornellsville sand shed, 5-95/203-206. Classification drwgs and specs on all locos 12-94/561-566; See also Erie Ry.

New York New Haven & Hartford RR: Thames River bridge 6-88/264-265 & 11-89/497 & 11-90/486; Woodlawn Jct. with map, 2-91/73; New Britain line electrified 6-97/212-213; Wreck train 11-97/374; Heavy electric traction experience 9-07/362-364, 10-07/396-401, 11-07/438-442 power sta.; Electrification operating results 1-09/27-29; Installing pension system 12-10/487; Boston South Station without pass. gates 4-11/147; Southampton St, Boston roundhouse 5-24/304; Electrification experience 7-27/475-480; "Yankee Clipper" with parlor car "Oliver Elsworth" and diner "John Bertram" 5-30/243-247; Pass. train derailed by tidal wave 10-38/399; Rebuilds 16,400 arch bar trucks to cast steel side frames 12-39/552-555; Maybrook - New Haven diesel loco. operation 2-44/55-57, 64-65; Radio tests 5-45/223-224; Nantasket Beach electrification 50 years old 6-45/267-269; New stainless coaches 7-48/345-350; Talgo train "John Quincy Adams" 5-57/54-56; "Roger Williams" modified R.D.C. car train 5-57/64-68;

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Cars: Copper sheathed pass. car 3-97/97 & 2-98/71 & 11-98/387; Electric trailer car #3503 5-98/176; Electric trailer #3536 for P.W.&B. line 3-02/90; Dining car interior photo 7-13/395; Coach 4-14/185-187; Gasoline car #9000 3-22/139-141 & 5-22/263; Gasoline hydraulic rail car #9003 9-24/534-537; Rebuilding box cars #170023 & shops and eng. term. at "Comet" performance 1 year 7-36/326; Besler steam rail car 11-36/485-490; "Comet" experience 1-37/20-24; "Comet" overhauled after 3 years and 405,000 miles 2-29/43-48, 61; New rail cars use a PCC street car design 9-52/90-91; Ignitron M.U. cars 3-54/76-80 & 6-54/78-80; French type piggy back car 4-56/52-53; New Haven; RPO baggage with roller brgs 9-30/511-512; Streamlined coaches 2-35/43-47; "Comet" 5-35/185-191;

Locomotives: 2-6-0 10-96/267; #020 B-B 10-07/397-399; adding pilot truck to electric locos 12-08/489; #466 0-6-0 compound 11-02/331; #859 4-6-0 12-04/466; #01 B-B, 5-06/184-186; #1009 4-6-2 11-07/429-430; #1100 4-4-2 12-07/471; 2-B-B-2 12-09/498-499; #071 2-B-B-2 6-10/245; #073 2-B-B-2 7-12/363-365; #3300 4-8-2 7-19/431-435; #3335 4-8-2 11-20/685-688; McClellon water tube boiler on #3500 4-8-2 3-26/143-150; #3553 3 cyl. 4-8-2 3-28/128-131; #0907 diesel switcher 12-36/523-528 & 537; #1400 4-6-4 5-37/199-202; #0701 Also 2000 hp pass diesel 5-42/208-211, 216; #0151 frt. el. loco. 10-42/420-423; #0155 & 0351 el. frt. locos & pass. loco #0366 10-43/449-452; Rectifier el. loco. #370 2-55/57-62; FL-9 electric.-D.E. loco 3-58/29-32

New York Ontario & Western RR: Liberty, N.Y. station 4-93/194, 195, 196; Middletown paint shop 6-07/245; #353 2-10-2 5-16/223-226; *Class 5 repairs in 6 hours on #248, 2-6-0 11-27/744; Tender frames used for cabooses 5-37/226-227;

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New York Providence & Boston RR: Thames River bridge 6-88/264-265 & 11-89/497 & 11-90/486;

New York Susquehanna & Western RR: Weehauken tunnel 3-94/138; #63, 2-6-0, 2-95/82, 83; New Durham, NJ engine terminal 8-11/301-305, 315; Rail car #1001 8-40/303-309;

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radio controlled,. slave, diesel helper units 10-67/25-27;
Cars: - Pass.: steel coaches #1651 6-07/232-237; 70' postal car #6546 4-07/136-137 & 7-07/ 260-263; Combination pass. car #4848 7-09/273; 4 wheel self propelled gasoline rail bus #4965 11-09/460; Suburban tunnel cars used on Hudson & Manhattan to Church St. #1901 9-11/342-343; Dining cars with no vestibule 7-12/378; Lunch counter car 1-14/22; Coach #156 pix 10-16/521; Milk reefer car #2550 3-17/133-135; Dining car #4489 12-22/699-701; Combination car #4745 9-23/631; Gas. el. car #4637 7-29/413; Baggage car #6077 "Shakespeare" 2-31/106 pix; Horse car #5838 "Pimlico" 5-31/240 pix; New sleeping cars for the Broadway Ltd. 10-38/372-376; New pass. coach #4100 3-47/116; 2 unit dining car #4606? 5-50/265-268; Budd low slung Keystone cars 7-56/62-67; Stainless M.U. car #152 8-58/21-23; M.U. silicon rectifier cars 5-61/28; Convert 21 roomette sleeper to 76 seat coach 8-64/27, 41; High speed MU cars for Corridor (Metroliner) service 9-67/23-25, 44; Metroliner car problems 7-68/25-26; Metroliner traction system 11-70/19-24; new cabooses 2-71/31;
Cars - Frt: Car for carrying heavy gun 5-93/218; Class Nd 4 wheel caboose 6-04/211; Dynamometer car 9-05/332-333 & car #6951 8-07/293-299; clearance car #495601 5-11/187; steel car development all types of cars 10-03/352-355, 11-03/402-403, 12-03/435-436, 1-04/3-5, 6-04/209-211, 10-05/358-359,360 coke cars; first hopper car design 5-03/169, Gla steel hopper cars 5-05/148-149; flat cars Fm 12-05/436-438; Gondola cars G5a & G5c 1-06/10-13; 4 hopper coke car 5-09/186-188; 38' live stock car #125060 11-10/446;#29001 box car 8-14/419-424; Caboose steel design #486,751 11-14/575-581; Box car #12799 4-13/210-212; all steel box car #88448 4-16/193-194; Gondola #775470 8-16/406-408; 5 hopper 85 ton hopper car #1800002 4-17/191-193; Timken roller brgs on 100 70 ton hoppers 3-30/174; Orders 10,000 frt. cars 1-36/43-44; caboose #477707 with train phone 9-48/510-512; Truc train piggy back cars #470461 6-55/68-69; 250 ton 16 axle flat 12-55/56; Hopper car pix #267317 6-57/61; box car #84225 7-57/35-42; Hopper #674,000 9-59/37 pix; Ore cars #15000 5-60/25; Hopper car #667,200 pix 11-60; Insulating ore cars on outside to prevent frezing #13070 10-64/31 & #13095 1-66/38-39; Hi-Cube box cars #110175 12-64/39, 40; Automobile parts box car 60' #90066 7-65/26; Cars for steel coils #387009 9-65/56-57, 62; #500001 38,000 gal. tank car 2-66/39-40;

Pennsylvania Reading Seashore Lines: Amtrak rehabilitating Camden to Atlantic City track to restore pass. service 5-89/28-29;

Pere Marquette RR: "City of Midland" car ferry 5-41/175; Saginaw eng. term. converted to diesels 2-52/61-66; Grand Rapids car shop 5-52/55-59; Railvan express and mail service pix. 7-59/57;

Philadelphia & Readings RR: New bridges at Harrisburg and Port Clinton 6-90/281; Philadelphia terminal 12-91/564-565; Lease of CNJ & LV, 3-92/101-102; Port Richmond coal storage plant 6-95/256-260; Reading, Pa., roundhouse built 1865, 9-95/396-397; Depressing tracks in Phila on Pa. Ave. 6-96/98; Atlantic City flyer 1897 performance 12-97/426-427 & 2-98/41, 57 & 10-98/341-342 & 5-99/154-155; Atlantic City Flyer fast runs 9-04/337; Fast run N.Y. to Philadelphia 12-09/473; Camden ferry slip foundation 7-23/500;
Shops: Reading shops, 11-93/518-520; New Reading shop 1-03/9-14 , 2-03/53-58, 3-03/111-114; 4-03/156-157, 5-03/182-184, 6-03/235-238, 10-03/356-357, 11-03/403-406; Reading loco shop drwg 10-32/423; Reading shops 8-22/465-469 & 9-22/523-526;
Cars: Scale test car #6559, 6-95/266-267; 50 ton hopper #87259 & coal jimmie pix 2-1923/105 (What happened to the jimmie?)
Locomotives: Wootten boiler 10-91/459-460; #618, 2-4-2, 6-92/256-257; #623, 2-6-6 compound 7-92/301; Combustion chambers on camelbacks 1-07/19; test of narrow and wide fireboxes 4-99/106-108; ; #381 2-6-4T 10-03/364; #303 4-4-2 1109/459; 2-8-2 8-13/411-413; #1805 2-8-8-2 6-17/333-334; #1664 2-8-0 4-19/175-177; 10 years experience with 3 cyl. pass. locos 12-23/795; #2010 2-8-0 10-24/581-583;

Pittsburgh & Lake Erie RR: #305 4-4-2 11-03/421; McKees Rocks shop 11-02/395-398, 12-03/454-457, 1-04/22-25, 2-04/34-35, 3-04/92-95; 4-04/??, 5-04/164, 169-173, blacksmith shop 10-04/382-383; Water softening plant 1-04/18-19, 20 & 3-04/104-106; 75 ton flat car 9-05/324-325; #253 0-6-0 9-06/346; Early steel hopper car #3 2-06/53; Expanded metal coke cars #14905 6-07/246 & 8-07/306-308; triple hopper coke cars #17000 8-07/306-308; Ash handling at McKees Rocks 9-07/346-348; McKees Rocks frt. car repair shop 1-08/1-7; #9209 4-6-0 with Allfree valves 9-11/306; 100 ton, 36' flat car 3-12/125-126; Well flat car #6891 8-15/397-398; McKees Rocks shop & eng. terminal 10-32/422; Youngstown's Gateway Yd car shop 1-59/13-16; coil steel cars #4200 6-66/42, 59; #2804 2800 hp loco 3-66/34;

Pittsburgh & Shawmut RR: Bowen gas. car #400 11-21/697-699; Coal train pix 1-23/19;

Pittsburgh & West Virginia RR: #1101 2-6-64 3-35/97-100; Locos 11-59/26;

Pittsburgh Bessemer & Lake Erie RR: 50 ton steel hopper, #5500s, 5-97/183; & 8-97/269-271; #150 world's largest 2-8-0 7-00/214; Steel hopper & gondolas 5-03/172-173; #200 4-4-0 insp. loco. pix 2-30/79;

Pittsburgh Cincinnati & St. Louis RR: Semaphore signal system 11-87/496;

Pittsburgh Cincinnati Chicago & St. Louis RR: #634? 0-8-0T for Madison hill 12-96/324-325;

Pittsburgh Shawmut & Northern RR: #98 2-10-2 3-07/88-90; Box car #9700 2-31/77 pix;

Portland (Me) Terminal Co. Union pass. sta. 5-93/242-243;

Poughkeepsie Bridge Co: 6 or 7-87/296-297 (no pictures); 2-89/51, 6-89/297;

Providence Warren & Bristol RR: "Annazwomscutt" 4-4-6, 3-89/134;

Pullman RR: Box car #500 7-35/322-325; Box car #1500 pix 6-37/255;

Quebec North Shore & Labrador RR: Rotary snow plow 12-56/39; Crewless ore train 10-62/17-19; Gond. #3598 2-65/39-41;

Reading: (See also Philadelphia & Reading RR): Reading shop's oil house 3-24/147-149; #3000 2-10-2 9-29/546-548; Gas el. car maintenance 8-30/454-456; Budd car #65 with rubber tires 1-33/4-7; #108 fast run Phila. to N.Y. 2-35/82; Auto car #5422 4-36/156-161; Reading shop 6-36/225-235; "Crusader" 1-38/1-4, 18; 55 ton hoppers #80326; 3-42/116-121; Fuel instruction car 10-43/464-466; Wayne Jct. M. U. shop used for diesel repairs 12-43/602-606; #2100 4-8-4 4-46/189-191; Box cars built at Reading 9-47/462-4654, 477; M.U. car #805 mew 2-49/107-109; Air brake and diesel instruction car #90847 1-54/49; Rebuilding hoppers #67224 3-56/64-65; Gond. #40097 5-62/25; Port Richmond car & loco. shops 4-70/14-16;

Red River & Gulf RR: Taken over by War Dept. 5-41/207;

Richmond & Danville RR: #586, 2-8-0, 10-90/466-467;

Richmond Fredericksburg & Potomac RR: #84 4-6-2 10-07/405-406; #2 4-6-2 1-16/4-10; Richmond eng. term. 4-24/235-240; #552 "General" class 4-8-4 7-37/308-309; Modernizes coaches 10-55/69; Insp. car to inspect trains at Richmond yard 4-60/34-36; Combined car & loco shops at Richmond 12-62/21-24, 46;

Rio Grande Western RR: Hopper car #1226, 1-00/advertising pages; #300 2-8-0 9-00/283;

Roberval & Saguenay Ry: Operations 2-58/25-27, 36; Aluminum tubular body hopper cars 10-60/42, 44; Aluminum open top hopper cars 5-66/18-19; Loco. #26 9-72/28, 30;

Rutland RR: Box car #7141 8-21/527; Financial crisis 8-38/316 & 9-38/357;

Rutland & Washington RR: Salem, N.Y. sta. and roundhouse c. 1860 10-32/413;

Saint Johnsbury & Lamoille County RR: #49 at covered bridge 4-49/222;

Saint Joseph Traction Co: Gasoline car 8-07/317;

Saint Louis & San Francisco RR: #1108 4-6-0 3-07/104-105; #1409 4-6-0 5-08/178-179; #2007 2-8-8-2, 2-11/50-51; Springfield, Mo. scrap reclamation plant 10-14/531-538; #1506 4-8-2 & 4115 2-8-2 6-23/357-359; Yale, Tn. car shop & gond. coal car #51075 12-26/739-741; #4100 2-8-2 2940 mile run 11-27/722; Tests of #4155 on firebox draft 54-30/184-186; #4213 operated for 740 hours without pulling the fire 10-30/605; Springfield, Mo. wheel shop 2-54/52-57; Loco. & car dept. operations including particularly Springfield shop 3-55/59-90;
Cars: #81000 composite coal car 7-05/256; Gas electric cars 9-11/353-354; Dining room of business car 1-12/38; #1058 4-6-2 4-12/189-191; Steel frame box car #126,999 10-13/555-561; Box & stock car #126844 1-14/29-30; Motor car #3010 5-27/268-269; Pass. car #949 6-27/351; #4501 4-8-4 3-43/116-119; Covered hoppers #83582 11-46/628; Diesel instruction car 4-50/185-187; Convert wood box cars to steel grain cars 6-53/74-77; Gond. #77342 rebuilt from composite gond. #52824; Box car #7098 p[ix 6-55/82; Pulpwood cars #5370 3-57/59-60;

Saint Louis Brownsville & Mexico RR: Gas electric cars 7-12/379

Saint Louis Iron Mountain & Southern RR: #687 4-6-0 11-98/381; #4000 2-8-8-2 8-12/420-421;

Saint Louis Southwestern RR: #801 4-8-4 1-31/1-5;

Santa Fe Pacific RR #8 2-8-0 9-99/285; Oil burning loco. test 12-01/386-387 & 1-02/26-28;

Saratoga & Schenectady RR: Loco: "Davy Crockett" 2-95/80;

Seaboard Air-Line RR: #900 2-8-0 with Caille feed water heater 10-12/538; #1118 0-6-0 5-27/266-268; "Silver Meteor" all coach 4-39/127-131; Use of diesels for Florida trains 12-39/523-527, 533, 538; Diesel loco. on display at N. Y. World's Fair 12-30/559; #4500 Baldwin 4-8-8-4 "centipede" 3000 hop 2-46/55-61; Jacksonville diesel shop 5-48/242-245;
Cars: Composite hopper cars 6-05/211-212; Combination car #274 pix 3-26/172; #79361 box car 8-29/515; Gas. el. car converted to diesel el. #2013 6-34/196-198; ACF streamlined rail cars 2-36/86; #58071 hopper cars 5-37/210-211; Diesel instruction car 2-50/69-70; Box car for lbr #20053 pix 6-56/63-65; Box car#16458 7-65/26;

Seaboard Coast Line RR: Covered hopper #610442 & gond. #150,000 pix 10-68/21-22; Flat car #109,028 4-70/9-10; Slug diesel for hump yards #7162 9-70/15-18; #1809 & slug #3201 for phosphate trains 211-71/21;

Sinnemahoning Valley RR: #3 0-6-6-0, 6--92/277;

Soo Line RR: Covered hopper #70113 7-62/41;

South Carolina RR: double ender loco of 1830, 3-90/114-115; Barrel pass. car of 1841, 4-91/170;

Southern Ry: Track exhibit of 1855, 1864, 1895, 12-12-95/572-573; Concrete coaling station 9-10/346-347;
Shops: North Birmingham loco shop 3-25/165-175; Finley shop, Birmingham for frt. cars 6-25/333-334; Hayne, SC car shop 11-25/699-704; Diesel shops at Chattanooga & Ludlow, Ky 12-44/549-552; Diesel loco repair facilities 3-51/60-63; Atlanta diesel shop 5-51/73-78 & 6-51/76-80; Spot car shop replaces rip track at Birmingham 11-57/28-29?;
Cars: Steel and wood coach #1374 7-06/260; G.E. gas electric car 2-10/66; Dynamometer car @3 2-16/62-66; 14 coaches modernized pix 7-40/298; Hopper cars with wood sides #104674 9-43/403-406; Coach #1364 8-44/356 pix built 1906; Diesel instruction car 10-45/429-432; Box cars #36328 6-57/46-47; Wood pulp car #130028 10-58/32; Covered alum. hopper cars #8000, 6083, 4008 6-60/28-30; High side gond. #10094-60/27-29; Box car #9001 1-61/17; all door box car 9-61/65, 68, 87; 85' box car #9799 1-62/42-43; Pressurized tank car #4999 3-63/26; Sou. #75074 100 ton hopper 8-64/17-19; 4 unit hopper with single axles 260 ton 9-65/29-31, 46; 7536 cu.ft. chipper hopper #133004; 2-70/14; 129' articulated car for automobiles 11-73/17-19; Box car 529000 11-73/20-22;
Locomotives: #327 4-6-0 3-98/82-84; #1238 4-6-2 4-06/144-145; #4506 2-8-2 12-11/476-477; Steam 2-6-0 tender under a 2-8-2 12-15/613-614; Duplex 2-8-2 with 2-6-0 or 2-8-0 under tender #4576 3-17/121-123; #1463 4-8-2 & #5016 2-10-2 7-17/381-383; #5200 2-10-2 1-19/25-30;

Southern California Ry: Oil burning loco., 8-95/347;

Southern Pacific RR: Apprentice program 2-16/97-98; "Prosperity Special" leaving Eddystone pix 7-22/95 adv. page; I.C.C. findings on "City of San. Francisco" wreck 1-40/13-14, 19-20, 21-22; "Shasta Daylight" 9-49/493-496; New equipment for Sunset Ltd 1050/557-563; Use of high & low grade duel diesel fuels 11-56/55-59; "Daylight" train 4-37/149-152; car cleaning 9-64/56-57, 60; Loco. simulator for teaching engineers 12-68/27-29;
Shops: Sacramento reclamation scrap plant 7-18/381-386 & 8-18/505-506; Taylor Yd, Los. Angeles, diesel shop 12-49/719-723; Sacramento frt. car mfg shop with car #103984 2-52/83-86; Houston diesel shop 6-58/30-31; Replaces rip track with one spot car repair at Houston & Roseville 9-59/41-49; Ogden diesel shop 12-60/23-26; Taylor Yd, L.A., diesel shop 6-65/54-56; El Paso diesel shop 2-68/22-23; West Colton Yd shop 3-74/12-13;
Cars: R.P.O. cars #1097 7-07/268-269; Std. material supply car 6-13/302-304; gas el. car #2 pix 2-30/76; wood chip cars #52618 1-52/59; Full length dome cars rebuilt for observation cars 9-54/51-53; Box car pix #105820 10-52/99; dome lounge cars #3601 7-55/41-44; Hydra cushion box car #650830 5-57/53; wood chip car #350686 3-58/39; covered hopper 401064 10-58/25; 3 tier 85' auto rack cars 6-60/30; stainless hopper #1 5-61/20-21; Wood chip car #351600 with plywood side 8-61/26; 100 hopper #463259 6-62/30; 10,000 cubic ft. box car #615200 6-63/48; "Vert-A-Pac car for carrying autos vertically 7-69/15-16 & 11-70/16-18, 27;
Locomotives: #2026 4-8-0 1-99/26-27; #1915 2-8-0 & #1442 2-6-0 5-99/150-151; Tender for oil burning locos 11-02/350-351; #3022 oil burning 4-4-2 9-03/329-330; #2279 4-6-0 9-03/339-340; Oil burning fireboxes 7-04/263; Harriman Lines std. designs for 4-4-2, 4-6-2, 2-8-0, 0-6-0 5-05/154-158 & 6-05/200-206, std. cabs 8-05/288, std. boilers 10-05/353-357; #3048 4-4-2 4-06/139; 4-6-0 12-07/480-481; #4000 2-8-8-2 5-09/181-184; #4004 2-8-8-2 cab in front 1-10/27; #4207 2-6-6-2 cab in front 10-11/406-407; #3654 2-10-2 & #2470 4-6-2 8-21/481-483; #4300 4-8-22 3-24/141-146; #5000 4-10-2 9-25/557-560; #4102 4-8-8-2 1-29/4-8; #4412 "Daylight" loco. 3-37/102-106; #4416 4-8-4 7-38/245-246, 274; #3800 2-8-8-4 1-40/1-7; Diesel hydraulic loco 9-61/23-27, 75 & #9018 9-64/35-37; ;

Spokane Portland & Seattle RR: #20 diesel 10-40/379-381, 385; chip cars made from gond. #22855 1-60/22;

Springfield Southern RR: #10 4-4-0 pix 8-33/307;

Sydney & Louisburg RR: #15 2-8-4T 11-99/368

Temiskaming & Northern Ontario RR: Caboose #97 10-42/418-419;

Terminal RR of St. Louis: Merchants Bridge 6-90/279;

Texas & Pacific RR: 30 ton gondola 11-91/505-507; #375 4-6-0 2-08/77; #600 2-10-4 1-26/5-12; #480 0-8-0 4-26/216-219; Streamlined 2 car motor train 11-33/383-386; Marshall, Tx wheel shop 7-53/58-65; bulkhead flat car #82?47? 8-65/6;

Tioga RR: "Morris Run" #1 pass. car of 1840 10-22/573, 574;

Toledo & Ohio Central #9543 0-8-0 10-18/543-545

Toledo Peoria & Western RR: Chatsworth wreck 9-87/394-395; Double stack loco. 3-98/98; Caboose #206 3-41/105 pix; Rebuilds B unit diesel to A unit 3-52/62-63; Diesel maintenance program 4-52/71-74;

Toledo St. Louis & Kansas City RR: track gauge change 10-88/433;

Toronto Hamilton & buffalo RR: New pass. car #80 & baggage car #50 7-24/422-424;

Union RR: #95 world's largest 2-8-0 11-98/364-365; Hopper car #301 2-09/48-50; Oak Hill roundhouse 1-10/7-9; #135 0-6-0 5-24/275-276; #161 0-6-0 pix 2-30/76; Dump car #920 pix 1-32/22; Hall, Pa. shop pix 8-50/444; N. Bessemer frt. car repair shop 3-52/57-61;

Union Pacific RR: Std. 24'x60' station 7-89/307-310; Std. coal dock 8-89/372-373; Foreclosure sale 12-97/411; Fast mail train run 1-98/27; smoke stacks 5-99/160-161; Apprentice training 4-28/190-193; Orders high speed train. Cross section drwg. of cars 6-33/228; Streamliners under contract 12-33/419-424; Streamline runs coast to coast in 57 hours 11-34/421; Streamliner trains 3-35/101-103; "City of Portland" M10001, 7 unit articulated 7-35/329-330; Streamliners 9-36/375-382; "Forty Niner" train inaugurated 5-37/242; New streamliners, "City of S. F. & City of L.A." 9-41/337, 340, 350; "City of Salina" scrapped 6-42/252;
Shops: Cheyenne loco. shop 6-23/325-333; Loco & car shop at L. A. 6-27/323-329; Salt Lake City diesel shop 10-55/45-49; Pocatello wheel shop 12-55/49-52; North Platte loco shop 7-71/8-10; loco. & car shops where located & up grading 4-74/8-13, 15;
Cars: Box car #85150 4-01/106-107; ballast care #80853 5-01/140; small McKean gasoline motor car 8-05/294; Motor car #2 11-05/420-421; Gasoline motor car #7 and motor cars assignments 5-06/186-187; Gasoline motor cars 8-07/316; moro cars 8-09/317; Steel box car #72850 4-07/128-130, 138 & 9-07/337; Steel coach with port holes #499 12-07/464-465; Automobile car #150,000 & box #120,000 2-15/73-77; Box car 100100 8-25/507-508; Auto car #151810 3-27/153-154; 83' long coaches 12-28/693-695; diners 2-30/83-85; 200 ton wrecker #03043 4-30/200 [pix); Box car #184055 4-38/147-148; Box car #187156 10-39/407-410; Stock car #48216 7-47/351-352; Rotary snow plow #0751115 3-50/131-133; Sleeper "Western Plains" 4-50/188-191; 112 new pass. cars 4-54/51-54; Dynamometer car 4-66/32, 44;
Locomotives: #1703 4-6-0 9-99/282-283; 4-6-0 2-01/54; 2-8-0 1-01/15; #21 4-4-2 8-06/308; Harriman Lines std. designs for 4-4-2, 4-6-2, 2-8-0, 0-6-0 5-05/154-158 & 6-05/200-206, std. cabs 8-05/288, std. boilers 10-05/353-357; #5009 2-10-2 6-18/321-324; #7000 4-8-2 7-22/380-385 & their performance 11-22/615-617; #8000 4-10-2 9-25/557-560; #9000 4-12-2 7-26/418-424; #3900 4-66-4 1-37/1-7; Steam turbo el. loco 5-37/202-209, 213; #806 4-8-4 2-38/43-50; #825 11-39/503-509; 14 wheel tenders 10-40/386-388, 390; #4000 4-8-8-4 11-41/463-474; #3967 4-6-6-4 10-42/413-417; Fairbanks Morse road diesel #50-M-1 11-46/606-610; Gas turning control system 2-50/76-82 & 6-50/337-341, 345; #51 gas turbine in regular use 8-52/85-86; Gas turbine's future 6-54/61-64; Gas turbine operations extended 12-54/64; #7000 8500 hp turbine 1-56/47-48; Gas turbine road failures 5-57/48-50, 52; 8500 hp gas turbines 7-57/53-56; 8500 hp turbines ready to begin operation 1-58/33-36; coal burning gas turbine under construction 7-60/20-21; Gas turbine performance 8500 hp 4-61/24, 34; coal burning 4500 hp gas turbine 7-62/25 & tested, #80, 1-63/28-29; Alco 4 truck & 2 diesel engine 5500 hp loco 7-63/29; #31 5000 hp G.E. loco & EMD DD-35 11-63/24 ; Allco 5500 hp #6`1 7-64/17-18, 41;

Union Transportation Co. gasoline rail car by White Co. 7-22/407-408

Utah Northern RR: "Franklin" 4-6-0 7-32/304 pix;

Utica & Schenectady RR: "Lightning" built 1849, 2-95/86-87;

Vandalia Ry: 4-6-0 compound 4-96/50-51; #151 2-6-0, 2-97/47; #51 4-4-2 4-04/153; #168? 2-6-0 1-07/27-29; #3 4-6-2 10-10/390-392;

Vermont Central RR: Baldwin loco. with traction increaser 4-01/120;

Virginian Ry: Princeton shop's 200 ton crane 12-12/643; Tests of Automatic Straight Air Brakes Co vs. Westinghouse 8-18/453-456; 16,000 ton train handling down 1.5% grade 7-21/428-432; Electrification experience 7-27/475-480; Mullen loco. shop 2-28/109-112; Frt. on steel viaduct pix with F.M. diesels 9-55/64; Hoppers #5260 & Princeton car shop 4-58/35-37; Electrification discontinued 7-62/10;
Locomotives: #421 2-8-2 6-09/225-229; #2 0-8-0 9-09/356-360; 2-6-6-0 6-09/261 & 9-09/356-360; #600 2-8-8-2 11-10/426-427 & 6-12/287-289; #700 2-8-8-8-4 2-17/64-66; #802 2-10-10-2 11-18/600-604; #900 2-8-8-2 4-19/187-190; El. loco. #100 5-26/272-274; New el. loco. performance 5-49/274-280; Rectifier el. locos 10-56/77-79;
Cars: 50 ton gondola coal car 11-08/413-415; 50 ton gondola #15475 10-09/394-396; Caboose #3 10-09/402-403; #50003 120 ton gondola 9-17/492-497, 501-502; 120 ton gond. #19699 3-21/163-170; 105 Ton gond. no longer in use 8-59/41;

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Wabash Pittsburgh Terminal RR: #918 2-8-0 6-09/256-258;

Warrior River Terminal #50 diesel pix 1-39/10;

West Virginia Central & Pittsburgh RR: Hopper car 50 ton 4-02/102-105;

Western Maryland RR: #810 2-8-0 7-21/419-422; Cement hopper #5017 6-38/233-234; Flats #2551 5-40/180-181; #1203 4-6-6-4 2-41/45-52, 55; Covered hopper converted to cement 11-41/487-488; Instruction car 9-45/387-388; Shay #6 12-45/569-574; Hopper #70018 4-56/101; Runs Alco

& EMD locos in M.U. 4-57/58-69; Replaces EMD 567 engines with 645 9-68/61, 64-65;
Western New York & Pennsylvania RR: #175 2-8-0, 10-91/467-469;
Western Pacific RR: #252 2-8-8-2 1-32/14-17; Caboose #643 1-44/28-29; Calif. Zephyr 5-49/241-246; Wheel car #MW 8552 5-52/67; flat car #2701 7-54/47-49; Box cars #19524 pix 1-56/54; Oroville diesel shop 2-56/76-77; Boxcar #18551 9-62/43-46; Box car #3711? 10-63/45-46; Stockton diesel shop 2-70/18-20;
Wheeling & Lake Erie RR: Brewster, Oh, engine terminal and shop 6-10/230 & 3-11/81-90; #2401 2-8-0 12-13/641-643; Automobile car #29099 8-16/401-4032; Gondola #705998-16/406-408; Brewster loco & car shop built by N&W 8-70/14-17;
Wisconsin Central #227 4-6-0 w/piston valves 6-98/190-193; Fond du Lack loco. & car shop 5-01/146-148; 2-8-0 compound 1-02/24-25
Worcester & Shrewesbury RR: Steam cars 2-90/95;
Youngstown & Northern RR: 900 hp switcher 3-38/88-89;

ELECTRIC RAILWAYS EXCEPT ELEVATEDS AND SUBWAYS
Allentown and Reading Electric Ry: 11-28-95/539;
Augusta Tramway & Transfer Co (Ga) 4-36/174 & 1278;
Aurora Elgin & Chicago Ry: Begins service 10-02/298;
Ballston Terminal RR: "A. N. Chandler" street car 5-98/176;
Beaver Valley Traction Co. st. car #43 7-01/217;
Buffalo & Niagara Falls Electric Ry: Car #43, 3-98/89-90;
Central Ry (Baltimore) Electrification 5-92/235-236;
Chicago & Milwaukee Electric Ry: 10-98/346;
Cincinnati Hamilton & Dayton Traction Co: Steam motor car 4-98/134-135;
Englewood & Chicago Electric St. Ry: Storage battery car results 3-98/100-101;
Illinois Traction Co. 6 home built locos 8-10/307;
Indiana RR system: 70 mpg aluminum car #64 9-31/437-439, 448;
Lorain & Cleveland St. Ry: snow plow car 2-98/52;
Missouri & Kansas Interurban Ry: Strang gas el. car "Olathe" 9-06/362;
New York City 28th St. line: storage battery cars 5-10/194;
New York Westchester & Boston Ry: suburban cars 5-12/238-243;
Pacific Electric Ry: Loco. #1601, B-B, 11-12/5821-582;
Pleasant Valley St. RR (Pittsburgh) Jacks Run viaduct 7-93/344-347;
St. Louis & Illinois Suburban Ry: 1-02/31;
Salt Lake & Ogden Ry: Electrification completed 9-10/359
Utica Belt Line: Trolley car #2 3-02/90;

ELEVATED, SUBWAYS AND LIGHT RAIL RAILROADS
Steam versus electricity, 6-97/214-215; Baldwin-Westinghouse trucks for elevated cars 11-99/356-357;
Boston Elevated RR: New cars 11-04/420-421;
Brooklyn Elevated RR: #63, 0-4-4, 1-92/16
Chicago "Alley L" electric cars 6-97/208;
Chicago Transit Authority (CTA): Tests of 5 trucks to reduce noise 11-60/38-39; Car #2002 7-64/20-21, 40;
Hudson & Manhattan RR: Pass. cars 10-07/401-405; Pa. RR local trains to use H&M 12-10/487; Air conditions cars 3-57/56-58; New cars #1200 7-58/38, 40, 42;
Interborough Rapid Transit Ry: Car "August Belmont" 10-02/308-309; Subway cars 3-03/94-96; Pass. car #3342 3-04/106-107; Cars #3354 10-04/374-380; Accident & fire 5-05/69; Subway 5-08/181-183;
Manhattan Elevated RR: #166, 0-4-4, 1-90/9; Hardee compressed air loco., 3-97/92-93, 95; Pinsch gas lighting plant 1-99/1-4
Market St. (Philadelphia) Elevated Pass. Ry: Car #1, 11-06/440;
Metropolitan Transit Authority (MTA) (Boston): New subway cars 3-63/38-39, 42; air ride trucks 12-57/34-35;
New Jersey Transit: New MU cars 3-74/24;
New York & Brooklyn Bridge RR: #12 2-4-2T, 10-95/473 & 12-12-95/577; Electric cars 1-97/10; track changes, 10-97/332;
New York City Subway: 6300 series cars 5-55/64-66; Rapid transit car design trends 3-56/88-90; See also Interborough R. T.
New York City Transit Authority (NYTCTA): Air conditioned cars 3-68/29-31;
New York Elevated Ry: #1 0-4-4 1-87/48; #9 0-4-4, 7-89/332;
New York Westchester & Boston Ry: Suburban cars 5-12/238-243
Philadelphia Transportation Co: Stainless rapid transit cars #605 7-60/38-39;
Port Authority Trans Hudson (PATHJ): Air conditioned new cars 4-65/23-25, 30 & 3-68/29-31; Brightly lighted cars 3-67/24-25, 37;
Port Authority Transit Commission PATCO: Shop 5-70/10-14
Southeastern Pennsylvania Transit Authority: new MU cars 3-74/24;
Toronto Transit Commission: Subway car #5300 5-62/30, 34; Aluminum subway cars 6-65/62-63; Subway shop 12-65/26-28;
Toronto GO: Suburban cars 5-67/26-27;

INDUSTRIAL RAILROADS & PRIVATE CAR COMPANIES:
Logging RRs, summary in the U.S. 383 railroads 2-87/96;
Alcoa Ore Co: Aluminum hopper car ADCX #800 4-23/131-134l Alum. cars after 2 years service 3-34/83-84 & #800 pix
Allied Chemical & Dye Co: Barrett Div. conversion of tank hopper to hopper 10-49/563-565;
Allis Chalmers 100 ton flat car #101 5-06/188-190;
American Car & Foundry Co ACFX #96051 5701 cubic feet center flow car 11-72/11;
American Refrigerator (Transit) Co. reefers R MAX #175 12-60/45, 47; ART #17649 3-25/159-160;
Associated Oil Co: portable distribution plant of tanks cars, flat cars with oil tanks & an office-warehouse car 6-35/266;
Berwind White Coal Co.: Wood hopper cars 9-04/342-343;
Borden Food Products Co: Milk tank car BFIX 537 4-36/176;
Buffalo Electro Chemical Co: tank car GATX #2903 5-32/187 pix;
Bulah Coal Co. #400 wood drop bottom coal cars 8-04/301;
Cabot Co: CABX #21 covered hopper 10-34/371 pix;
Cambria Steel Co. #20, 0-6-0, largest 0--6-0 ever built 12-99/399;
Carnegie Phipps & Co. #11 0-4-0T, 30" gauge 12-89/544; Lucy Furnace #2, 0-4-0T, 12-91/538
Carnegie Steel Co. Homestead Wks, #28, 0-4-0T, 11-28-95/549; steel flat and hopper cars 5-03/168-169; 65' mill gondola #534 4-28/213-216
Cierbe Consolidated Ry #367 2-8-2 8-45/adv. 80-81
Cleveland Electric Co GSCX #9000 aluminum gond. for unit coal trains 10-70/16-17;
Climax Molybedenum Co: 6'8" high el. mine loco 8 wheel, 10-53/77 pix; & pix #31 3-54/75;
Commonwealth Edison Co: Gond. unit coal trains 12-64/25, 38;
Congress Gold Company (Congress, Ariz.): "Congress" 0-6-0 10-96/268;
Consolidated Coal Co. 100 ton gond. 3-66/28;
Consolidated Mining & Smelting Co (Trail, B.C.) 40 ton, 300 hp el. loco. #3 pix 7-54/54;6-37/255
Continental Carbon Co. : covered hopper GACX #4016 1-39/17;
Coos Bay Lbr. Co.: #10 Willamette geared loco. 12-23/808;
Cross Creek Coal Co: #23, 0-4-2 with separate tender, 7-95/314-315;
Detroit Edison unit trains 7-70/8-10;
Dick Construction Co: #144 Vulcan Duplex loco. 12-31/584 pix;
Dominion Coal Co (Nova Scotia) #15, 2-8-4T 11-99/368;
Dow Chemical Co: 110 ton alumn. hopper car 8-66/25-27;
Dunmore Iron & Steel Co (Dunmore, Pa) 3 cyl. (first 3 cyl. loco. in U.S. probably)0-4-0 2-87/95
DuPont DUPX #32001 67' boxcar 3-63/25-26;
Edison Iron Mines (Sparta NJ) #1 0-4-0 11-32/477
Equitable Land & Oil Co. tank cars 1-02/1-3
Erie Mining Co: Taconite carrying RR 8-57/52; Hopper car #3250 1-58/59
Fruit Growers Express Co: Reefer #36,000 11-28/640-641; Reefer FGEX #38237 6-44/256-258, 263; Aluminum reefer FGEX #40,000 4-48/137; Express reefer #1-8 1-51/49-51; Mechanical reefer FGEX #1201 9-56/55-59; Mechanical refrigeration 11-56/60-63; Electro Motive Div. "Frigerator" car FGEX #1100 9-55/67-71
General American Transportation Co: Air slide covered hopper GACX #40999 6-53/78-80 Dry flo covered hopper GATX #50,000 2-59/30 ; Dry flo tank car for bulk commodities 9-32/360-361; 20,000 gal. tank car #35032 pix 9-59/18; Evans box car GAEX #1950 6-50/309-313; Tank car GATX 1917 2-18/97; GATX unit train for liquids 2-74/19-21; GATX 60,0000 gal. tank car 10-65/28-29; GATC #93605? 30,300 gal. tank car 8-61/21;
General Chemical Co: sulfuric acid car GCX #7500 2-21/84-96;
General Electric Co: GEX #40005 350 ton well type car 2-64/25;
Glen Union Lbr. Co (Pa): Cable tramway across river, 7-92/319;
Hormel, Geo. A. Co: 4 wheel reefer car 10 ton NADX #10,000 12-32/481-484 & 2-56/64; mobile reefer pix 3-57/60
Illinois River Packet Co.: Special box cars 2-04/46-48;
Industrial Air Products Co: IAPX biog tank car #1001 8-66/34;
Inland Cement Co unit trains automatic loading & unloading with circular covered hoppers UTCX#44699 2-70/10-12;
International Car Co: Leasor of all door box cars IRCX #4501 8-65/37-38;
International Smelting & Refining Co. electrically driven ore car 6-10/250;
Kaiser Bauxite Co. #163 aluminum gond. 12-56/50-58
Lackawanna Coal & Coke Co. 50 ton coke cars 9-03/323;
Lilly Langtry private car of 1888 10-22/575
Liquid Carbonic Co LCIX #1008 insulated dri ice carrying 4-36/149;
Longview Fibre Co: Pulp wood car #135 pix 3-43/124
Lykens Valley Coal Colliers: First (probably) el. mine railroad & electric mine loco. described, but no pictures 10-87/482-483
Monsanto tank car MCPX #23002 8-66/34; MCPX #23000 150 ton tank car 11-65/30-32, 54;
National Cart Co: MNX #2389 mechanical reefer 3-60/22-23;
North American Car Co "mobile reefer" 3-57/60 pix; . 3-57/60 pix; NIFX #2099 85' alum. gond. 4-61/20;

North American Tank Car Co NATX: #35000 XP-1 glass resion tank car 5-63/41-42;
Pacific Fruit Express: #10599 reefer car 5-13/263-265; Reefer #18999 1-21/25-28; Frt. car shop at Roseville, Cal 2-30/57-61/68; 70 ton capacity 50' reefer 9-32/349-352; Ice reefers #8001 3-52/66-69; Reefer #300720 6-58/27-28, 46; Reefer PFE 301213 8-60/29-31; Los Angeles shop 11-60/34-35; Tucson shop 3-67/19-22;
Pennsylvania Power & Light Co: First unit train cars #100 5-65/52;
Portland Cement Works (New Village NJ) to Henry Ford 11-32/477;
Potomac Edison Co (Williamsport, Md.) #2 25 ton loco 2-49/109;
Potts Lbr. Co., J. E. : 2-95/76-77;
Pullman Transport Leasing Co TLCX covered hopper #38347 1-71/22-23;
Railway Express Co: REA Small containers on flat cars 5-61/34-35;
Rath Packing Co: Reefer RPPX #3000 6-62/47-48;
Reserve Mining Co: 95 ton ore car (Mn.) 7-56/49-50;
River & Rail Transportation Co. Container car #10001 11-20/730-731;
Saint Louis Refrigerator Car Co: SLRX #4539 plywood car 3-48/130-132;
Sandy Hook Proving Grounds RR of the U.S. Govt. 11-01/339;
Shippers Car Line: 20,000 gal. tank car pix. first. 2-59/9;
Texas Co: Tank car TCX #2782 7-20/463;
Thunder Lake Lbr. co. (Wis) Loco. #7 6-24/121 adv.;
Trailer Train Corp: (TTX): Largest private car owner 8-73/17-18; Cars adapted for coils of cable 9-71/20; Car #912186 for truck trailers or containers 2-67/25-27, 56; 6-' flat cars general service 12-64/28-29;
Tropicana Unit Train (orange juice) 12=73/24-25;
Tuloma Gas Products Co. propane car 6-60.40;
Union Tank Car Co: Eliminates running boards and center sills UTLX #42999, 3-58/31; Union dome shop at Baton Rouge pix 4-48/74 & described 11-58/25-28; 30,000 gal. propane car 6-60/40; Tank car #42999 11-60/8; East Chicago shop for roller bearing conversion 9-71/15-17; UTCX enlarging 70 ton tank cars to 100 tons 12-70/22; UTLX Changing lengths of tank cars 10-67/42, 47; UTCX #83699 50,000 gal. tank car 5-63/42-43; UTCG?, UTLX #80100 100 ton dry bulk car 10-63/67;
Universal Construction Co: all steel flat car #201 11-96/286
Wabush Mining Co: Cylindrical cars #1194 12-65/42-43;
Wells Fargo & Co: Refrigerator express cars #166, 3-13/149-151
Whiten Machine Co: early electric loco., 1-92/36;
Wilson Car Lines WCLX #8171 reefer 2-43/80-82
Woodward Iron Co. #30 2-8-2 with force feed lubrication 3-24/151-152; #1914 100 ton hopper car 12-16/633-636;

FOREIGN COUNTRIES
Central America and Mexico had considerable not indexed material on proposed railroads up and down and from ocean to ocean.
Europe: International Sleeping Car Co. for Europ-Wagon Lits 1-23/34-38;
Argentina: Argentine Pacific Ry's 211 mile straight track, 7-88/334, 339; Argentine Govt. Ry. 4-4-0, 4-91/178; U.S. and British built locos and cars compared, 2-94/74-75; President's car 9-10/350-351; Buenos Aires Western Ry hopper ballast car 2-11/48-49; steam turbine locos 7-28/384-391; Buenos Ayres Great Sou. Ry 4-8-0 #480? 12-24/732;
Australia: New South Wales Ry Sydney station, 10-91/446, 447; Tasmania Beyer Garrets for frt. & pass. service 12-12/623;
Austria: 200 ton car for transformers 1-49/78; Fireless steam loco. 1-47/14-15; 2-6-4 #310.05 first 4 pneumatic tires built by Austrol Daimer for E. K. Howe & Sons of New Yoeel trailing truck pass. loco. built 9-33/317; Rail car hydraulic transmission, City 8-33/309-312; 2-8-4 loco with poppet valves 5-30/256-260; Lentz poppet valve gear 7-24/407-409;
Belgium: Belgium State Rys New 2-6-0, 2-4-2, & 0-6-0, 10-92/448-449; Pass. & frt. locos, 6-93/288-293; Std. frt. engines 8-93/385-388; Triple boiler 2-4-2 freak, 6-94/273; 2-6-0 with brick lined firebox, 11-28-95/545-547; metal ties, 12-93/569-571; Signals, 4-94/161-163; Doclem system of firebrick firebox walls 3-96/36-38 Belgium State Rys 4 cyl. 4-6-0 6-06/217-220; North Belgium Ry 83' long flat car 9-11/362-363; Altek mechanical reefer 1-34/11-13; #5201 5-20 Ste Ry 5-20/274;
Belgium Congo: Electrification Jadotville to Tenke 3-53/104;
Bermuda Ry: Construction 2-32/87;
Bolivia: Antofogasta Ry River Loa viaduct, 6-89/265-268;
Brazil: Central Ry. of Brazil: , 4-4-0 compound 9-91/417; 4-8-0 & 2-6-6, 11-94/508-511; 0-6-6-0 12-07/485-486; Meter gauge diesels 7-54/42-43; #370 4-6-2 5-23/267;
Central Rt. of...: #273 4-6-0 use of pulverized coal 11-17/617-618;
Parana Santa Catarina RR: mix train with diesel #32 12-48/744;
Paulista Ry: #382 el. loco. 7-48/359;
Sao Paulo Ry: Garratt Loco. #111 2-4-4-2 9-16/448-449
Sorocabana Ry: 2000 hp. el. loco. #2002 8-44/375-377, 391;
Inspectoria Federal Contra as Deccas de Obias I.F.O.C.S. construction loc.
Burma: 2' gauge 20 ton hopper car 12-17/692-694; Bengal & Assam Ry run by U. S. Military RRs 8-44/354-355;
Ceylon: Rys, 9-88/431, iron low sided gondola cars 6-93/269;
Chile: Malieco Viaduct 4-91/192;
Antofogasto Ry: 2-4-2 loco "M. Concha Y Toro" 7-87/301-302;
Arica - La Paz Ry Box car #101 7-19/4178-420;
State Rys: 4-4-0, 10-95/460-461; #2402 3000 volt el. loco 8-49/467; Transandean Ry tunnel 6-91/249-251; Transandean Ry 1-92/7 & 10-92/444-447;
China: RRs in 8-87/367-368; Kaiping Ry 2-6-2T #5 frt. loco, 1-88/28-29; First Rys. in China, 2-89/73; Lu Han RR 2-6-0 1-98/12-13; Chinese Rys 5-98/145-147; Peking-Tientsin Ry #46 7-98/232; First steam loco. in China 7-98/232; Tientsin - Pukow Ry observation car 4-23/217-218; Typical frt. and pass. cars 10-19/585-586; Govt. Ry 40 ton coal gond. car 9-22/520; Pekin - Suiyuan Ry 2-8-8-2 #205 & 2-8-2 #320 6-22/305-307; Kin Han Ry 2-6-2 3-20/142;
Columbia: Barranquilla Ry opened, 3-89/149; Cauca Ry 0-6-2 #7 12-98/398-399;
Congo State Ry, West Africa 2-05/49;
Corsica: First Ry opened, 7-88/335;
Cuba: Western Ry. of Havana 0-8-0T 8-09/310; Box cars 8-20/523-525;
Denmark: Steam car ferry boat 11-87/510-513;
Egypt: State Ry tank cars 5-22/272; 3rd class coach #111 2-19/88-89;
Ethiopia: dieselization 11-55/44-45;
Finland: #122, 2-6-0, 4-91/192; #300 4-6-0 8-00/250;
France:
2' gauge Laon steep gradient Ry, 5089/247
Viaur viaduct, 11-89/522-523; Soulevre viaduct 3-90/105-108; Crueize viaduct, 3-91/105l
Paris Metro with drwgs 1-090/16-21; Sceaux Paris subway, 3-91/120-121;
Locomotives: Express pass. locos 5-15/231-234; C. Aliges 4 axle loco. 1-16/16-17;
Tramway loco. 0-6-0, 9-92/434;
Dining cars 11092/529-530;
World War I: French locos in the war #3544 4-6-0 & 4498 2-8-2T 5-18/249-250; 2' gauge cars for trench rys 9-17/498-501; British Army loco. repair shop at Rouen 9-19/548-550; U. S., built gondolas for France 10-17/537-538;
Pass. train 11-93/521;
Frt. car to transport torpedo boats, 7-94/308, 309-315; survey of French frt. cars 4-97/117-121;
Heilman steam electric loco., 4-95/175-176, 9-95/401; 12-97/421; 1-98/33-34;
Braye tunnel 1091/10-12;
Eastern Ry (ESTD): #802, 4-4-0, 3-92/111-113; Experimental boiler, 1-92/25; Four wheel all iron gondola car of 1874 8-96/176; #6001 2-6-6-0 12-08/480-481; #3201 4-6-0 5-16/231-234
Midi Ry: #3104 4-6-2 2-23/86; #3514 4-6-0 5-16/231-234;
Northern Ry (NORD): Iron coal car 7-88/319; 0-8-0 compound 3-89/127-130;; 2-4-0 compound 8-89/363-364; loco. at Paris Expo, 11-89/498-499; 4-4-0 compound 3-92/114; #2122, 4-4-0, 8-92/351-355 & 4-93/184-191; Water tube fireboxes on 4-4-4 10-10/410-411; 4-6-4 4-13/190; Box cars built in the U.S. 8-17/438-442;
Paris Lyon & Mediterranean Ry (PLM): Gagnieres viaduct 5-89/209-210; : #C-12, 4-4-0 compound, 11-92/499; 4 cylinder 4-4-0, 6-93/295-299; #C-25 4-4-0 compound, 1-95/29-31; Water tube boiler on 2-6-0 10-05/376; 4-6-2 backhead cab details 11-11/448; Car cleaning at Bercy Conflans yard 6-27/335-339; #6001 4-6-2 2-24/87; 4-6-2 5-16/231-234;
Paris Orleans Ry: #3004 4-4-2 De Glehn compound 6-04/insert, performance 9-04/352; #4065 4-6-0 7-07/286; #4541 4-6-2 De Glehn compound 9-08/339-343, 11-08/424-426; #3566 4-6-2 rebuilt 11-31/527-533; 2-8-2T condensing #5632 4-24/211-212; Am. built 4-6-2 #3591 10-23/679-680; Apprentice program 5-21/313-316; #20 4-6-2 5-16/231-234; Box cars built in the U.S. 8-17/438-442;
Paris - Sceaux Limons Ry 2-4-2TG, 1-91/46;
Paris Orleans Midi Ry: Locomotive evolution in France "La Locomotive a Vapeur" 900 pages by Andre Chapelonn 12-38/473-475 & 1-39/1-5;
Southern Rys of France(SUD?) #4002 2-8-0 compound 12-02/383-386 & 1-03/2-7; Completed covered roundhouse 4-13/185-189;
State Rt: #231-034 4-6-2 5-16/231-234;
State Ry:(SNCF #2903 4-4-2 5-00/150; A.C. electrification 5-60/38, 40; 151 mph reached by test train 5-54/79; Train reaches 207 mph 5-55/62; ETAT: #18821 2-8-0 3-18/136-139;*
Western Ry. of France: #951, 4-4-0, 12-89/546-54; #3535 0-6-0T, 2-90/59; #29-01 4-6-2 1-08/26-27;
Germany: Breman pass. sta. 10-90/441; Dresden gas street motor car 7-95/319-321;
Bavarian State Ry 4-4-0, 7-94/307-309; #400 freak loco. 7-97/228-229;
Hanover State Ry: 4-4-00, 6-95/262-265;
Prussian Hessian State Ry: Sulzer Diesel 4-4-4 (first diesel loco.) 11-13/589-590;

Prussian State Ry #1300, 0-4-4-0, 8-95/352-355; Poppet valve 4-4-2 12-10/485-487;
Saxony State Ry 0-4-4-0 2-92/71-72; Gas rail car with mechanical transmission 7-27/433-441;
Wurtemberg State Ry 0-10-0, 8-92/388; 2-4-2 loco. 7-94/307-309
Berlin underground Ry. 12-92/557;
Left Bank of Rhine Ry 4-4-0, 7-94/307-309;
Rail cars: "Flying Hamburger" streamline train 5-33/160-163; rail car propelled by airplane engine and propeller 7-31/367;
Locomotives: diesel hydraulic ordered by D.&R.G.W. and S.P. 3-60/24-26; Krupp Zoelly turbine loco. tested 4-6-2 9-31/443-448; Stug system for firing pulverized coal 3-31/116-119, 134 & 4-31/182-185 ; pulverize coal 9-28/484-487' #05003 for burning pulverized coal 11-37/549; H021001 4-6-2 1700 psi loco. 8-30/491-495; Schmidt high pressure 4-6-0 12-28/670-676; turbine 4-6-2 #T18 1002 2-27/78-84; Unaflow loco. 5-22/247-250; ; equipment progress with G-10 0-10-0 (first loco built by Krupp) 6-30/331-338; S. A. Maffei 7 axle loco. 1-16/`16; Krauss radial drive loco. 1-16/18; Rarchaert free axles loco. 1-16/18; Kirchweger free axle loco. 1-16/17; Christian Hagans 5 axle loco. 1-16/16-17;

Great Britain:
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Budd Car Co: Tubular coach 8-56/49-52; Budd Micheline pass. rail car 4-32/137-141; R.D.C. car 10-49/543-547; Manufacturing plant at Buslellton, Pa (Phila.) for pass. cars 8-45/366 pix ; First vista dome car for CB&Q "Silver Dome" 9-45/378-381;
Carnegie Steel Co: 65" gond mill type #534 4-28/213-216
Differential Steel Car Co: Air dump car with traversing and tilting body 4-24/247-248;
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General American Car Co: See listings under private car owning companies above.
General Electric Co: Gas electric car for Southern Ry 2-10/66; Electric car #4 tested to N.Y.C. steam loco. 9-02/290-291; Gasoline electric cars 8-07/317 & 3-08/107-108;
Harlan & Hollingsworth Co. Exhibit at Chicago Expo, 6-93/285-286; 1857 adv. 10-32/434; Pass. cars including 1876 10-22/572-575;
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Mack Truck Co; Rail buses for NYNH&H 9-52/90-91;
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Mount Vernon Car Mfg. Co: Box car MVCMCX #9000 of Cor-Ten steel 7-35/326;
National Steel Car Co: Composite box & hopper car 11-70/25;
Ohio Falls Car Mfg. Co.: 2-97/46;
Osgood Bradley Co: Rail car #195 for B&M RR 9-26/528-530;
Pressed Steel Car Co.: St. Louis Expo exhibit 5-04/199; Car production 6-02/162; annual report 2099/64; ore car #111 7-10/267-268; Unicel molded reefer car 11-50/697-699; 100 ton gond. car with 4 wheel truck 1-23/23-25; Service record of 100 ton cars with 4 wheel trucks after 8 years use 9-30/496-498; Cor-ten steel hopper PSCC #1000 1-35/10-14; New coach 10-40/382-384;
Pullman Standard Car Co: Bessemer, Pa. frt. car mfg. works 12-29/743-747; Welded hopper car PGSX #1000 5-33/155-158; Aluminum cars for weight reduction 6-33/185-191, 211; Articulated sleeper observation car 9-36/417; Triple deck coach sleeper 6-40/241-242 & 9-40/374; Stainless Steel coach 7-54/39-41; Day-Nite Duplex coach 6-55/65-66PS-5 gond. car 7-57/46; Hydroframe - 60 box car PSX #54 7-60/40; 31" high piggy back car 87' long 7-60/40; Photo of Calumet, Ill Clearing yard 2-28/85; Air jet tank car 1-62/24-25; PS-1 box car, first 5-62/17; TOFC/COFC car 6-67/42;
Railway Locomotor Co: Rail car #1 12-27/768-771
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Service Motor Truck Co: Gasoline motor car 6-22/337-338;
Standard Steel Car Co: New plant 6-02/162; new Hammond Works to be built 12-06/490;
Strang Electric Ry. Car Co: Gas electric car "Ogeritra" 3-06/103-104; cars for Missouri & Kansas Interurban Ry 9-06/362; gasoline cars 8-07/317; car "Irene" 7-08/257-258;
Structural Steel Car Co: Plant 6-02/162, Hopper gondolas 7-02/212; Hopper cars 7-01/213-214;
Summers Steel Car Co: Steel box car #104 4-12/193-196; Hopper car 2-09/48-50;
Sykes Co: Gasoline motor train for C. G. W. RR #M205 9-23/640-642
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Twin Coach Co. rail bus with pneumatic rail tires 8-33./305;
Unit Load Car Co: Compartment box car pix 12-55/15 & 3-56/71-74;
Unit Ry. Steam Motor Car Co: rail car for C.N.R. #15805 11-22/620-622;
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Automobile baggage cars 12-05/444-445;
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Hopper - Covered: Cement self clearing cars 8-33/283 developed by DL&W RR; Covered car for grain, CPR #240,000 4-20/209 (first covered hopper probably); Pneumatic unloaded car of Gen. Am. Co. 1-51/52-53
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Wheels: Allen Paper Car Wheel Co's wheels 2-87/90-92; Arbel's wheels 3-87/114-116; Wheel contour for besting riding 11-81/10, 15;

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Telephone train dispatching in the U.S. 1-11/19, 6-11/225

Telephone using portable phones connectable to power lines 6-11/202;

Telephone replacing telegraph on Boston & Maine RR 12-10/487;

Telephone dispatching discontinued on B&O RR 7-11/259

Radio communication caboose and train to wayside 8-44/378-381

Aireon Mfg. Co. laboratory rail car for demonstrating radio communication 8-45/361;

VHF radio experience 3-46/142-145

Carry phone of Union Switch & signal Co. (radio telephone for switchmen, etc.) 12-46/676,. 678;

Automatic radio controlled train operation with no personnel on board 11-60/21-24

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Ash handling: Pitts. & Lake Erie facility 9-07/346-348

Car washers: Ross & White Co. vista dome washer 6-45/271

Coal docks: U.P.RR std. design 8-89/372-376;

Coal storage - trimmers 6-95/256-259;

Cranes: bridge steam operated, 3-88/116-117; English steam loco. crane 5-92/244

Frt. Car shop design 3-20/143-148

Roundhouse labor saving carts and other equipment 4-09/140-145;

Sand shed design 5-95/203-205; Sand dryer & bin 10-01/315;

Shop flooring, type of at Am. Loco. Wks, Schenectady 12-03/440;

Shops: See individual railroads. Some were very completely done such as the N.Y.C. Collingwood, Oh of L.S. & M.S. and the Phila. & Rdg's Reading shop; History of car and loco. maintenance shops 1830-1930 10-32/413-424

Smoke abatement at Jersey City & Hoboken 8-32/313-315

Snow melting switches 11-08/423;

Storage battery trucks used in shop to move materials & portable cranes 11-25/719-721

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Water tank: Automatic filling 7-94/303; stand pipe 6-88/270; Water purifier on CB&Q 11-01/344-345; Water plug standpipe 3-98/97;

LABOR -EMPLOYEE RELATIONS

Apprentice program (The magazine had many items not indexed from about 1903 to 1910 and later.. See individual magazine indexes of each year.) N.Y.C.RR 6-07/201-209, 7-07/253-259, 9-07/333-337, 10-07/373-384; Apprentice school opening on DL&W 2-10/56; Program at Baldwin Loco. Wks 10-01/309; U.P.RR apprentice training 4-28/190-193 (Many articles in 1922-1928 period on apprentice programs which I did not index.) French apprentice program 5-21/313-316; Special apprentice program for college graduates 1-20/4 & 3-20/124-125 Attracting college graduates for special apprentice programs, N. Y. C. RR 1-50/16-19. See also A.T. & S.F. Ry, Pa. RR. (There were over the years a fair number of articles on college men with the special apprentice. By 1950 the program was largely obsolete in my opinion. I became one if 1951 and after military service 1954 on N.P.Ry. The course outline in 1950 was almost entirely obsolete as it prepared you supposedly to be only a foreman. As such it attracted only third rate people and a few RR "nuts" like myself. Even I wised up in 1954 and departed - thank goodness. Later beginning about 1970 the railroads began to realize how to effectively use the brains of college people. T.T.T.)

Car Inspector: job duties 5-50/286-290

College graduates: In 1923, 24, & 25 the magazine carried articles on college graduates being hired. I did not index. See individual indexes of each volume. Future use in mechanical dept. 5-30/221; & 2-27/93-95 .

Diesel maintenance mechanic. New for him on a diesel road loco. editorial 7-45/298-299. (Until about 1945 most railroads with road diesels had a mechanic on the locomotive to handle anything that might occur. Whereas in steam loco. days the engine crew was supposed to know maintenance and repairs, such was not the case with diesels. About 1945 the men were discontinued. Ry. Mech. Eng'r favored them being on the locos.)

Employee bonuses (H. K. Porter Co.) 3-93/55

Fireman agreements: Fireman on Zephyr trains but not on diesel switchers on CB&Q (previously Zephyr run by one man) 1-36/42; Fireman's strike to put a second fireman on diesel locomotives (featherbedding) because. basically, a 3 or 4 unit diesel replaced 2 or 3 steam locomotives and their crews. 6-50/360; editorial on firemen on diesels 6-36/254;

Labor unions: The magazine had relatively little on most unions except in 1935. See index of that year for editorials and articles. Union - management cooperation 2-32/57-58;

Management weaknesses 3-20/137-140;

Pension Systems (The magazine had many items not indexed 1898-1910. See individual magazine indexes of each year. 1-10/35l plan of Metropolitan Ry at New York City 4-02/129; Pa. RR system 9-99/295 and after 2 years experience 3-02/83;

RR employee relief funds, 6-88/287;

Shop foreman training 10-26/603-606;

The Brown system of railroad employee discipline and education 2-99/35-36;

Wage reduction 6-21/379-380;

Women workers in loco. shops 7-43/327, car dept. 7-43/333, electrical dept. 7-43/340 & 8-43/377. Wartime use of women: In shops 12-17/702-704 & 1-18/23-26 & 6-17/359-360;

Y.M.C.A.: History of railroad YMCA's 2-07/208; RR operated YMCA 6-06/239, 10-07/407; N&W at Portsmouth, Oh 1-07/19;

LOCOMOTIVES (Most locomotives are listed by owning railroads. Very early locos of various types are listed here

American & English locos compared: 8-93/371-374, 9-93/417-420, 10-93/466-469, 11-93/514-5216. 12-93/560-563

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Atomic (nuclear) Loco. design 5-54/51-55 & 7-55/37-40.

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Compressed air loco: Tests with a reheater, H.K. Porter Co., 4-97/116; Hardee compressed air loco. 3-97/92-93 & 9-97/310; B.L.W. 2-99/58; Porter 12-99/395;

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SHOPS - see ENGINE TERMINALS

SIGNALING, INTERLOCKING & WARNING DEVICES
Automatic Train Control installations 10-28/569-571; 11-68/26-28; 11-68/26-28
Cab signals on G.N.Ry, experiment 6-93/305; 12-11/468-469;
Electric signaling without wires, 6-94/272;
Hartington's semaphore signal system used on P.C.&St.L.RR 11-87/496;
Incandescent light block signals in tunnels, 10-93/403;
Johnson Railroad Signal Co., 140 page catalog, 6-89/253; Patenall's Sykes system , 5-93/215-218, 6-93/273-276, 7-93/322-326, 8-93/374-376;
Kinsman Block Signal Co. 5-94/225-227;
Lattig illuminated semaphore signal, 10-95/480
Roswell-Potter auto. block signal system, 11-93/550;
S. H. Harrington's semaphore signal system 11-87/496
Sanborn signal, 10-95/478-479
Sanborn train order signal on C&NW RR, 11-97/378;
Signals in Europe, 12-88/556-560, 1-89/20-24, 2-89/74-78. 3-89/120-122;
Use of yellow for distance Signals 4-99/124-125;

STATIONS (Stations are indexed under their respective railroads. Most include a floor plan drawing.)

STREET AND INTERURBAN RAILWAYS (see also Foreign Countries)
Cable: Hammond cable car patent 9-92/427; track design for curves for the cable 8-93/398-399;
Interurban: First (?): Gettysburg to Baltimore, 10-94/465-466;
Cars: Safety device for pedestrians, Appleton's, 4-91/183; Double deck cars of Charles Pullman 11-92/523; air resistance in design 2-32/61-63; Rapid transit car design trends 3-56/88-90;
Gas motor cars, 3-95/126-127: in Germany 7-95/319-321;
Storage battery cars for st. rys 5-10/194. See also CARS, SELF PROPELLED.
Pneumatic street ry: Judson system test at Washington, DC 2-90/95;
Trucks: Brill design 2-00/59, 3-98/89;
Electricity: Electrical or horse driven 3-87/111-114; Electric RR Chicago to St. Louis for 100 mph design of Wellington Adams, 3-92/111; Future development of trucks by J. Sprague, 9-92/411-412; Electric RRs of Maryland 9-95/ 413-415; Use of alternative current 11-28-95/539;

TRACK
Cattle guards, 8-95/382;
Gauge: Origin of std. gauge, 4' 8 1/2", 10-95/444
Rail joints: Balch's 3-94/141, Connell, Hunlock & Churchill 3-91/135; M'Grehan 6-91/278;
Rails: 92# iron tee rail of 1848, 3-92/148;
Spikes: Hegarty patented 12-91/571; different types 9-93/435-437'
Ties, Steel, 3-91/115; metal ties in Belgium 12093/569-571; Date nails 4-11/139
Track pans for water: 10-44/446-450

TRAINS
Air conditioning, first trains C& O & B&O 5-32/173-176, 190, 214-215
General Motors :"Train of Tomorrow" 8-47/395-400, 407; Gen. Motors building high speed train 8-55/58-59;
Light weight trains: Low slung trains of A.C.F., Budd, Pullman Std., General Motors for Pa. RR, C.R.I.&P., N.Y., N.H. & H RR, N.Y.C. RR 2-56/73-75 & 5-56/64-66; Train X of N.Y.C. by Pullman Std. with Baldwin diesel 6-56/53-57;
Pass. trains of the future 3-34/90; & 1-55/52-55, 60; gas turbine driven 3-66/25-26;
Push - Pull suburban trains, first. C. & N. W. RR 1-59/30;
Unit trains - their future 5-65/48-52. (Many articles on this subject not indexed.)

TRAIN OPERATION
60 hour freight service N.Y. to St. Louis, over the B&O, 3-97/91
Freight train loads, averages of 7 railroads 9-99/284;
High speed trains on 16 railroads in U.S. 8-00/245; High speed trains and horse-power U.S. compared to Gt. Britain 8-35/351; In 1834 4-35/147; Faster frt. & pass. trains in 1933 & 1934 various articles in the magazine. See indexes of each volume. Train speeds start to stop over 60 mph 1-40/36; 150 mph tests of Office of High Speed Ground Transportation of U.S. Govt. 11-66/20-21;
Radio control of trains with no personnel on board 11-60/21-24;
Streamlining & Wind resistance tests: Streamlined versus blunt 6-11/212-213; streamlining tests in wind tunnels 6-33/204-210; Editorial on streamlining 1-35/23; Reducing air resistance savings 1-35/23;

WESTERN RAILROAD GAZETTE 1856-1870
RAILROAD GAZETTE 1870-1908

The *Railroad Gazette* began as the *Western Railroad Gazette* in 1856 and continued until 1870. It was published in Chicago, the first western railroad magazine. Unfortunately only a few scattered copies exist at Milwaukee and at Chicago Historical Society. I did not index them.

On April 1, 1870 it became the *Railroad Gazette*, and gradually it became the principal magazine covering the railroad industry, taking over from the *American Railroad Journal.* Burned out by the Chicago fire of Oct. 8-9 1871, it moved immediately to New York without missing an issue.

Matthias N. Forney joined the magazine late in 1870 after working for the Illinois Central RR. Under his direction the magazine became the most complete railroad magazine being published. During this time he invented the Forney locomotive and the Forney passenger car seat, both very successful. In 1886 he left to take over the *American Railroad Journal.*

The magazine gave less coverage to railroads in the South.

It had few illustrations for many years, and in its early years primarily carried news items from all over the U.S. and company reports rather than feature articles.

The 1870 volume was not indexed by the publisher, and I indexed only articles I felt had value. From 1871 on each volume had an index, and I listed all the entries shown in these indexes by giving year/page number. These articles vary from several sentences of inconsequential information to a half page or more dealing with formation of companies, plans, opening dates, reorganization information, financial reports both annual and lesser periods of time, etc. For illustrated and a few lengthy non illustrated articles I give issue date of publication/page number(s). I have indexed appropriate editorials with a prefix of Ed and then issue date/page number.

In 1875 the magazine began to subdivide the index. I indexed the regular articles by looking at each page. Concerning financial I indexed only annual reports. Many of these items run on two and even three pages. While some of these entries are limited to traffic and financial figures such as *Poors Manual* also reported, many articles also included information on what the railroad had been doing during the year,

The general news items I indexed only by page number. Later general news items were subdivided giving construction items and these I indexed. Some of these brief items continue onto a second page.

If instead of giving page numbers I say *many* that means there are more than four references that year and the page numbers must be gotten from the index of the volume looking under "News." Many general news items (They show only a year like 1872/) have incorrect page numbers because I could not read the photo copy. Due to the type face a 3 and an 8 often look the same as do a 6 and an 8, 4 and 1, and a 0 as a 6 or 9. So, if you don't find the item, check the index at the front of the bound volume. Where I could not guess as to what the number was I put an x and ?. such as 1879/3xx?.

If you do not find the item, I may have typed the wrong page number and so check the volume's index. It is possible that the page number given there is incorrect. It may be one page number off.

While having nothing to do with indexing, in 1878-1880 more than 100 railroads were foreclosed. Those who made money in railroads did so in two ways. Besides running the railroad which would go bankrupt, they had the contract to construct it with huge profits guaranteed. The second was to buy a railroad when it was foreclosed and thereby let the original investors, who lost most of their investment, pay for the construction.

Photographs, primarily locomotives, began appearing with increasing frequency in 1891.

There are many drawings of freight cars, but no numbers given. These can be obtained by looking at the *Official Equipment Register*, good runs of which are at the Railroad Museum of Pennsylvania, Strasburg, Pa. and California State RR Museum, Sacramento.

Unlike the electric railway journals which ran illustrated articles at least monthly on new interurban railways, the *RR Gaz*ette had virtually no feature articles on new railroads.

I did not index personnel or semi annual traffic and financial reports. This information can be gotten from *Poors Manuals.*

The June 18, 1904 issue introduced a new format with larger type and more pages. At the beginning of June, 1908 *Railway Age* of Chicago was acquired and merged. I have prepared a separate indexing of the combined magazine renamed *Railroad Age Gazette.* They had often carried the same material. This was a major purchase by the Simmons Boardman Publishing Co and the start of a major expansion which caused the publisher to be by far the dominant railroad magazine publisher. The combined magazines immediately reduced the number of articles pertaining to specific railroads and increased the number of articles dealing with the railroad industry such as government involvement, rates, traffic matters.

The general news items, which are indexed with only a year and page number did not indicate whether the name shown was a railroad or a location. I have indexed all assuming that they are railroads. Many are paper railroads and were never constructed.

I indexed the news items up thru 1881 only provided that they had at least two page references. Single entries were mostly formation of paper railroads which I do not want to include.. I indexed these items in *Railway Age* beginning in 1880. I suspect both magazines carried much duplication of them. The *Railroad Gazette* and its later name, *Railway Age*, is on microfilm, usually called Railway Age. The Railway Age of pre 1908 is not on micro-film. The index I prepared of pre 1908 *Railway Age* gives news items which by checking the *Railroad Gazette* microfilm will probably show them so that you need not see the relatively scarce *Railway Age*.

Where I show brackets (*name*) it indicates that the company was listed both ways.

STEAM RAILROADS

Aberdeen & Elyton: 1880/651, 692

Addison County : 1971/402; 1872'14;

Adirondack: News: 1871/128; 1872/15, 528; 1875/410; 1876/48; 1880 174, 337, 692; 1881/161; foreclosed 1881/363, 527, 559; Annual Reports: 1876/375; 1877/511; 1879/518?; 1881/44;

Adirondack & St. Lawrence RR: Insp. loco. 3-18-92/207; 2-6-0 4-29-92/308-309

Adrian & Detroit: 1872/186, 526; 1873/124;

Adrian & State Line: 1872/487, 526; 1874/188;

Adrian Saline & Detroit: 1871/257, 314;

Alabama & Chattanooga: News: 1871/many; 1872/many; 1873/77,143,173,193; 1874-78/many each year; Annual reports: 1877/322;

Alabama Central: News: 1876/69?; 1877/54, 320; 1878/226, 338, 583; 1879/227;1881/150, 242, 671;

Alabama Great Southern RR: #115 4-4-0 6-14-95/376; News: 1878/338, 352, 386; 1879/163; 1880/many; 1881/379; Annual reports: 1880/417; 1881/286;

Alabama New Orleans Texas & Pacific Junction RR: 2-15-84/133; 1881/351, 365;

Alaska Central: 12-18-03/898-900, 2-15-07/213-214;;

Albany & Susquehanna: News 1871/247; 1872290; 1873/78, 275, 483; 1874/many; 1875/many; 1876/many; Annual reports: 1877/514, 569; 1878/596; 1880/178; 1881/44;

Albert: 1877/68, 248, 410; 1881/392;

Albert County: 1873/396, 407;

Albia Knoxville & Des Moines News: 1871/21, 103; 1874/167; 1875/many; 1876/33;

Alexandria & Fredericksburg: News: 1871/247; 1872/177, 257, 517; 1873/27, 467, 483; foreclosure 1878/8, 72, 312; 1879/259; Annual reports: 1879/468;

Alexandria & Washington: News: 1873/60, 336; 1876/51; 1877/20; Annual reports: 1879/408;

Algiers & Timbuctoo RR: 1878/570; 1879/448?;
Allegheny Central: 1881/561, 640, 671;
Allegheny Kennerdell & Clintonville: 1877/333, 410, 470; 1878/27, 118; 1879/220;
Allegheny Portage RR: Early locos 4-13-77/163
Allegheny Valley RR: Annual reports: 4-9-70/27; 1873/174; 1875/189; 1876/189, 366; 1877/242; 1878/314; 1879/23x; 1880/152, 225; 1881/601; News: 1871/32, 95, 139, 74; 1872/114, 290, 437, 488; 1873/many; 1874/many'; 1875/16, 247, 329, 413; 1876/166; 1877/182, 342; 1878/128, 190, 485, 504; 1879/38, 100, 550, 627; 1880/224, 518; 1881/180, 201, 593;
Alliance & Lake Erie: 1878/300; 1880/221
Alpena & Bay City: 1881/41, 213;
American Fork RR: 1872/many; 1873/29;
Anderson Lebanon &. St. Louis: News: 1873/117, 172, 276, 447; 1874/31; 1875/many; 1876/many; 1877/21, 23, 195, 579; 1878/7, 72; 1879/370; 1880/174; 1881/561;
Androscoggin 1872/113, 297?, 421?;
Androscoggin Valley: 1871/33; 1872/376
Anglesea: 1880/210
Annapolis & Baltimore: (Short Line) 1874/477 1879/431; ;
Annapolis & Elk Ridge: 1872/237, 436; 1874/134; 1876/29, 40, 485; 1878/153, 190, 300, 326, 350, 451, 629;
Antioch & Visalia: 1871/378; 1872/518;
Appleton & New London: 1872/44, 51, 447; 1873/19, 29
Arcade & Attica: 1876/71;
Arkansas Central: News: 1871/many; 1872/many; 1873/27, 408, 476; 1874/116; 1876/168, 315, 418, 487; 1877/many; 1878/56, 606; 1880/1244x4, 511?
Arkansas City & Grenada: 1872/143, 458
Arkansas Midland: 1879290?; 1881/309, 478, 561, 705;
Arkansas Valley: News: 1874/16, 377; 1876/22, 234; 1878/128; foreclosure 260; 1879/559; Annual reports: 1877/274;
Arkansas Valley & Cimarron: 1872/517; 1873/365
Aroostook: 1872/528; 1876/21, 114;
Ashburnham: News: 1873/344; 1874/14; 1877/20, 461; 1878/33, 56; Annual reports: :1877/548; 1879/446; 1880/594?;
Ashley River: News: 1875/128, 169; 1877/120, 493, 536; 1878/7, 27;
Ashtabula & Jamestown: 1872/53, 122, 358;
Ashtabula & Pittsburgh: 1878/570, 583; 1881/448;
Ashtabula Youngstown & Pittsburgh RR: News: 1871/292, 356; 1872/many; 1873/many; 1874/156, 219, 259; 1877/493; 1878/many; Annual reports: 1873/283; 1875/190;
Ashuelot: News: 1873/356; 1874/333, 397; 1877/170, 183, 207; 1878/72, 509;
Atchison & Nebraska: Annual Reports: 1876/ 335 1877/322;1879/39x?; News: 1871/many; 1872/many; 1873/29, 377; 1875/453, 515; 1877/356, 536; 1878/72, 166; 1879/many; 1880/many;
Atchison bridge: 1875/many; 1877/460, 470;
Atchison Colorado & Pacific: 1879/38x?; 1880/83;
Atchison Solomon Valley & Denver: 1877/390; 1878/288;
Atchison Topeka & Santa Fe RR: Miscellaneous: Editorial on finances 2-8-84/108; Report 5-13-87/322; Sibley bridge over Mo. Riv. at Kansas City 2-17-87/104; Reorganization 10-18-89/682-683; Reorganization 9-14-94/634 & 4-19-95/252-253; Weed burner car 9-19-97/630; Houston sta. 4-15-98/272; 3 phase semaphore signal 4-6-00/223; Grounds at Lawrence, Ks. sta. 3-21-02/209; Kansas City frt. house & track lay out 12-11-03/881; Pueblo, Colo bridge 5-27-04/394-395; El Paso union sta 7-8-04/122-123; Personnel organization 12-21-06/558-559; Needles, Cal. employee club house 4-26-07/590; Bascule bridge over Chicago River 6-14-07/836-840; Belen, NM coaling sta. 3-13-08/346-347; Atchison union depot 1878/570;
Rail lines: Pueblo & Arkansas Valley RR completed 12-5-78/535; Raton switchbacks and tunnel, map and locos 6-13-79/322-323; Reaches N. M. 2-27-80/112; Kansas extension 1-22-86/56-57; Transcontinental profile 6-30-95/476-477; To San Francisco 5-4-00/282; Profile LaJunta to Albuquerque 1-18-01/38; Proposed Ariz. cutoff 8-30-07/228-230; Fight with D&RGW 1880/23, 83, 174, 186;
Shops: San Bernardino shops 8-29-02/670-671; Topeka shops 11-7-02/850-852 + insert; Shop improvements 11-30-06/476-481 & 12-7-06/495-496, 504-507; Topeka frt. car shop 1-17-08/86-88;
Locomotives: #891 4-6-0 10-22-97/740-742; Simple and compound 2-8-0s #937 & 999 6-16-99/422-424+insert; Player tandem compound 8-4-99/550-551; #837 4-6-0 classes B13, 14, 15 1-18-01/38-39; #533 4-6-0 1-25-01/54 + insert; Vanderbilt 4-6-0 (no picture) 10-4-01/677-678 & 11-29-01/823 with picture; #1000 2-6-2 11-22-01/800-801, 808; 2-10-0 1-31-02/74-75; Player tandem compound 2-8-0 12-20--01/869-870, 878 + insert; 2-6-2 with traction increaser 1-17-02/41; Riegel water tube boiler 5-9-02/340; #1052 2-6-2, 5-16-02/358-359; #940 2-10-0, 5-30-02/392-394; Combine switching loco. and crane at Topeka shop 1-16-03/42; #910 2-8-2 4-3-03/242-243; #915 first 2-10-2 ever built 10-9-03/720-721; #257 4-4-2 1-22-04/56-57; #1251 4-6-2 11-10-05/440; #1812 2-6-2 9-9-06/414; #1991 2-8-0 & #1296 4-6-2 3-27-08/453;
Cars & non revenue : 6 wheel truck with car lighting on it 3-25-98/216-217; 35 ton wrecker 4-1-98/233-234; Drop bottom gond. car 4-12-01/248; Dump car 40 ton 6-14-01/401; 40T box car 7-26-01/526-527; convertible gondola and ballast car #88#242, 4-4-02/246; R.P.O. car 6-16-05/668-670;
Annual reports: s: 1873/269, 323; 1875/362; 1876/371; 1877/227; 1878/264; 1879/277?; 1880/326; 1881/227; 1-5-94/8-9 & 1-19-94/45;1902/758, 1903/671, 1904 2nd half /532; 1905 2nd half/28910-5-06/280-281; 10-11-07/409-411;
News items: 1872-1889/many in each year;
Atchison Union Depot Co. 1879/360; 1880/497
Atlanta & Alabama: 1880/497; 1881/24, 41, 309;
Atlanta & Birmingham Air Line: 7-1-04/104-106;
Atlanta & Charlotte Air Line: News: 1877/284; 1878/56, 166, 214; 1880/210, 437; 1880/226; Annual reports: :1879/20x?; 1881/189, 201, 722; 1881/375?;
Atlanta & Richmond Air Line: News: 1872-76/many each year; 1877/53, 90, 102; 1880/186; Annual reports: 1876/51;
Atlanta & West Point: #250 4-6-2 6-7-07/784-785; News: 1871/409; 1872/356?; 1874/318; 1878/428; 1881/90, 322, 432; Annual reports: 1873/401; 1874/349; 1876/400; 1877/370; 1878/388; 1879/5x5?; 1880/414; 1881/476;
Atlanta Birmingham & Atlantic: 12-6-07/675;
Atlantic & Audubon: 1878/353, 386;
Atlantic & French Broad (Valley): 1880/121, 210; 1881/721;
Atlantic & Great Western RR: financing 6-11-70/244; U. S. Rolling Stock Co. 3-2-72/95 & 7-7-76/300; Editorial on its condition 12-19-74/494; Reorganization 6-12-75/244 & 6-12-75/244 & 6-21-78/310; Financial problems 3-31-76/142-143; & 7-7-76/300; editorial and finances 3-16-77/122; damage of 2-6-0s to track 4-27-77/185; Report 3-1-78/112; reports: 10-18-78/506; Rumors 2-28-79/115; Lease to N.Y. L. E. & W RR 3-21-79/158-159 & 9-12-79/486-487; Report 3-28-79/172; Problems 6-6-79/314; Physical condition 10-17-79/549; Reorganization 11-28-79/636; Meeting 3-26-80/171;
Annual Reports: 187461, 493? 1876/140, 142, 451; 1877/125, 524; 1878/118; 1879/172, 179;
News: 1871-79/many each year; foreclosed 1879/651; 1880/many; Foreclosed 1880/21;
Atlantic & Gulf: News: 1872/many; 1873/many; 1874/60, 77; 1875/many; 1876/31 1877/many; 1878/71, 570; 1879//many, foreclosed 1879/476?, 597; 1880/54; Annual reports: :1873/346; 1874/323; 1875/223; 1876/189; 1877/195;
Atlantic & Lake Erie: News: 1871/many; 1872/302,557; 1874/126, 318, 368, 507; 1875/many; 1876/41, 136, 189, 211;
Atlantic & North Carolina: News: 1874/156, 178; 1876/59, 71; 1877/many; 1878//72; 1879/166; 1880/many; 1881/24, 379, 392; Annual reports: 1880/361;
Atlantic & Northwestern: 1881/284, 503;
Atlantic & Pacific RR: Report 5-11-83/301; Needles, Cal bridge 4-25-90/278-279, 287; Std. trestle 1-30-91/78-79; Annual reports: 1875/113, 351;
News: 1871-76/many each year; 1872/ 237; ; 1877/53, 502; 1880/many; 1881/many;
Atlantic & Richmond Air Line: 1873/many;;
Atlantic & Saint Lawrence: 1873/154; 1878/406;
Atlantic & Southeastern: 1873/193; 1874/66, 441;
Atlantic City RR (See also Phil. & Rdg. RR): #1027 4-4-2 6-19-96/430-431; Fast running trains 12-4-96/837-838; Collision near Atlantic City killing 42 8-7-96/550, 556 & 8-14-96/573; New speed record of 43 minutes = 77 mph 8-5-04/219;
Atlantic Coast Line (See also Plant System) : 4--6-0 11-2-00/722-723; #119 4--6-0 2-28-02/139 + insert; Buys L&N control 10-3-02/759-760; Waycross shop l/o 6-9-03/651; Phosphate box car #860 6-8-06/577-579; 1871/413;
Annual reports: 1903/905, 1905 2nd half/552; 1-17-08/78-79;
Atlantic Coast Line & Piedmont Air Line: 1880/497, 504
Atlantic Gulf & West India Transit: foreclosed 1881/88;
Atlantic Mississippi & Ohio: News: 1871/58, 118, 324, 380; 1872/many; 1873/100; 1874-80/many each year; foreclosed 1880/426, 688; 1881/many; foreclosed 1881/101, 271; Annual reports: 1873/48; 1875/20; 1876/95; 1877/422; 1878/452; 1880/361, 478; 1881/619;
Atlantic Tennessee & Ohio: News: 1871/227; 1873/334, 508; 1874/188; 1876/many; 1877/183; 1878/72; 1880/200?; 1881/593; Annual reports: 1878/364
Attica & Arcade: 1871/71; 1877/249;
Attica Covington & Southern: News: 1879/546; 1880/413; 1881/338;
Augusta & Hartwell: News: 1871/many; 1872/238, 397; 1873/275
Augusta & Knoxville: News: 1877/56, 115, 226; 1878/115, 238; 1880/many; 1881/many;
Augusta & Lewiston: 1875/50, 158, 451, 453;
Augusta Knoxville & Greenwood: 1878/451; 1879/190?;
Aurora & Cincinnati: 1875/531; 1876/61;
Austin & Battle Mountain: 1875/80, 362; 1876/114;

Austin & Lampanas: 1876/136, 501?;
Austin & Mankato: 1880/83, 174
Austin & Northwestern: 1881/342, 281, 529;
Austin & Pacific Short Line: 1874/86, 478; 1875/8; 1877/136;
Bachman Valley: News: 1871/204, 265; 1872/238; 1873/26; 1875/320; 1877/10; Annual reports: 1876/475
Bainbridge Cuthbert & Columbus: 1872/328, 358; 1873/88, 143
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Bald Eagle Valley RR: News: 1878/546; 1879/652; 1881/418;
Baltimore & Annapolis: 1874/66, 156;
Baltimore & Chicago: 1879/108, 639?; 1880/240, 422;
Baltimore & Cumberland Valley: News: 1877/158, 181; 1878/375, 406; 1879/590?; 1880/extension 362; 1881445, 561, 6x9;
Baltimore & Delta: News: 1877/137, 390; 1878/many; 1879/23, 64, 370, 627; 1880/235, 310, 337, 462; 1881/many;
Baltimore & Drum Point: News: 1872/many; 1873/10, 79, 154, 417; 1874/many; 1875/148, 261, 481, 538; 1876/271; 1878/46; 1880./148, 325, 386, 4x2; 1881/488;
Baltimore & Elysville: 1878 509; Annual reports: 1881/408;
Baltimore & Hanover: News: 1877/450; 1878/7, 262, 465, 606; 1879/many; 1880/39?;
Baltimore & Northeastern: 1880/186, 210;
Baltimore & Ohio RR: (See also Baltimore Belt RR, Staten Island Rapid Transit Co.)
Miscellaneous: Contest with Pa. RR for Pittsburgh business 7-3-70/318; Law suit on state taxing ticket sales dismissed 1-7-71/342; Proposed RR to N.Y.City 1-21-71/390; Working steep grades with Winan 0-8-0 and map ; Rate war 7-21-76/321; Rate war with Pa. RR & Erie 10-6-76 (may be 71)/434; a. RR frt. business diverted from Rdg-CNJ 3-25-81/172; Rate was with Vanderbilt roads 10-7-81/549-551, 554; Introducing thru pass. service Jersey City to Chicago & St. Louis 12-10-80/659; Coaling sta. 9-15-82/565-567; B&O & its organization 3-16-83/165-166; Early beginnings and Peter Cooper's loco. 4-13-83/225; Employees Relief Assoc. 3-21-84/215; Conductor's mileage and hours on express trains 11-30-88/791; Electrified service 11-8-95/735-736; Receivership 3-6-96/162; Reorganization 7-1-987/479, 478; President change 6-7-01/384; Seal of a grasshopper loco. for Boro of York, Pa. 9-11-03/643; Pangborn collection of locos. at Field Museum, Chicago 12-16-04/646-647;
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Burlington Cedar Rapids & Minnesota: News: 1871/many; 1872/many; 1873/many; Annual reports: 1874/379; 1875/many; 1876/48, 166, 223, 293, 283;
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Camden & Woodbury RR: Loco. "Fire Fly 4-2-0 12-21-00/847-848;
Camden Gloucester & Mt. Ephram: News: 1873/261, 408, 467; 1874/many; 1875/495; 1877/23, 481;1878/406; 1881/460; Annual reports: 1876/190; 1877/538; 1879/xxx; 1880/x69;
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Carbondale & Shawneetown: News: 1871/312, 334; 1872/ 17, 41x; 1876/409; 1879/612, 627; Annual reports: 1877/427; 1879/48x;

Carolina Central: News: 1873/324,447,476; 1874/many; 1875/many; 1876/many; 1877/ 54; 1878/546, 557; 1879/185; 1880/401; foreclosed 1880/209, 307; 1881/42, 525?, 657; Annual reports: :1880/331; 1881/310;

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Central of Iowa: News: 1871 - 79/many each year; Annual reports: 1877/392; 1879/151;

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Central of Minnesota: News: 1873/417; 1874/many; 1875/17, 177, 237, 453; 1876/259; Annual reports: 1877/455; 1879/532?;

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Chicago & Eastern Illinois RR: #48 2-6-4 suburban loco 6-10-92/421 + insert; 4-8-0 12-24-97/907; #145 4-8-0 2-23-00/117; #173 4-8-0 11-16-00/755; Purchase by St.L-S.F. 8-15-02/642-643; Dolton yd 9-15-05/240-242; Thebes bridge 5-25-05/578-582; 40T box car 1-19-06/60-61; daily tonnage on different lines 1-26-06/80-82; Arch bridges 4-13-06/388-391; Improvements 3-16-06/254-259; Oaklawn shop 11-2-06388;
News: 1877/420, 461, 568; 1878/46, 499; 1879/503, 600; 1880/many; 1881/many; Annual reports: 1902/926; 11-1-07/519-520; 192, 614; 1880/xxx; 1881/58x;
Chicago & Evanston: 1877/431; 1881/445, 511;
Chicago & Grand Trunk Ry: 11-31-79/624; Crossing of I.C.RR at Harvey, Il 7-14-93/524; #155 4-4-0 10-30-96/751; News: 1880/186, 235; 1881/118, 201;
Chicago & Great Western: 1874/145;
Chicago & Illinois River: News: 1872/255, 275, 455; 1873/15, 377, 383, 507; 1874/19; 1875/many; 1876/many; 1878/46, 224, 277; 1879/119; 1880/325;
Chicago & Illinois Southern: News: 1871/81, 103, 313, 370; 1873/19, 28; 1874/many; 1875/247; 1876/48, 127, 177, 551; 1877/54, 56, 137, 147; 1878/56;
Chicago & Indiana: 1878/486;
Chicago & Indianapolis Air Line: 1880/498, 70x;
Chicago & Iowa RR: Report 9-17-70/588; News: 1871/many; 1872/many; 1873/131, 343, 490; 1874/many; 1875/78, 399; 1876/27, 550; 1877/369, 493; 1878/many; foreclosed 1878/141; 1879/250, 408; 1880/many; 1881/91, 213, 420, xx7; Annual reports: 1877/422; 1879/48x;
Chicago & LaSalle: 1872/many;
Chicago & Lake Huron: News: 1873/356, 396, 428; 1874/65, 86, 178, 308; 1875/many; 1876/many; 1877/many; 1878/many; 1879/many; foreclosure 1879/many; 1880/591; Annual reports: 1876/488; 1877/526;1879/410;
Chicago & Michigan Lake Shore RR: Report 7-16/70/370; News: 1871/many; 1872/many; 1873/many; 1874/348; 1875/many; 1876/527; 1877/54; 1878/203, 300, 427; foreclosure 1878/568; 1879/23; Annual reports: 1873/354; 1876/488; 1877/382,526;
Chicago & North Eastern: 1874/336; 1878/154; 1879/120, 163, 178, 203;
Chicago & North Shore: 1876/438, 451
Chicago & North Western RR: Miscellaneous: Control by the CRI&P 4-23-70/82; Barbardoo Air Line RR construction 10-29-70/108; 5% semi Annual dividend 12-10-70/250-251 & 253; Combination with Mil. & St.Paul RR 5-17-73/200-201; Growth editorial 10-10-74/394; Wm. B. Ogden, pres. obit 8-10-77/366, 368 Editorial 6-13-79/325; Iowa leases 5-2-84/338; Business 8-17-88/544; Hall block signals 1-13-93/22-23; Wreck at Logan, Ia. killing 33 7-17-96/499 & reports: 7-31-96/540 & 8-7-96/547; Clinton, Ia. bridge rebuilt 5-20-98/355-356; Hall block signals 11-24-93/845-846; Moving drawbridge at Milwaukee 1-20-99/42; Clinton, Ia. roundhouse l/o 9-7-00/591; pension system 1-11-01/17; Clinton, Ia. & Fond du Lac eng. terms. 6-27-02/489-490; Wreck train consist 3-11-04/171-172; block signals 7-29-04/191; new line to Milwaukee 8-11-05/128-129; Ableman's curve, Wis. photo 1-29-09/218; Clinton, Ia swing bridge 1-14-10/85-89; Wm. A. Gardner, pres. 10-28-10/784-785. Belt lines at Chicago & Milwaukee 2-24-11/354-356 & 10-20-11/782-788
Stations: Wells St, Chicago, pass. sta. 6-3-81/300 + insert; Suburban annex to Wells St. sta. to be built 5-30-02/391; Sioux City sta. 5-8-03/323-324; New Chicago pass. term. 10-12-06/314-315 & 4-14-08/711-713;
Chicago area miscellaneous: Chicago shop 1-11-89/17; Galena Div. track elev. in Chicago 3-1-95/129 & 8-7-96/548-550 & 8-14-96/565-566; Loco. testing plant at Chicago 4-10-96/251-253; Chicago elevation in Rockwell St 8-13-97/567; Chicago shop and eng. term. l/o 11-21-02/886-888; Chicago frt. term's. 9-15-05/248-252; 40th Ave. Chicago yard , Wood St. yd & Melrose Park yd l/o 9-22-05/277-282; Kinzie St. track elev. 11-10-05/442-445; Chicago employee hospital 12-1-05/518-519;
Equipment: 6 wheel pass. car truck 8-13-70/457; 4-4-0 12-23-87/828 + insert; 25T box car 1-10-90/18-19; #400 4-6-0 6-16-93/429; 50T flat car 6-15-94/420-421; #908 4-4-0 10-11-95/667-668; #525 4-6-0 10-29-97/762-763; #219 4-4-0 5-26-99/369; #1015 4-4-2 8-3-00/520-521; air brake instruction car 6-19-03/444; Test of superheated and non superheated locos 6-9-05/622-624; "Pioneer" 4-2-0 12-16-04/646-647; Ore cars 2-2-06/108-110; #1393 4-6-0 7-5-07/xx?(see vol. index); 50T ore car 6-12-08/82;
Annual Reports: 9-3-70/540-541 & 9-10-70/563; 1873/410; 1874/393; 1875/355; 1876/389, 4-18-76/360; 12-22-76/557; 1877/381; 1878/402, 408; 1879/450, 457; 1880/441, 449?; 1881/4x4, 46x; 8-22-79/450; 8-20-80/444; 8-12-81/454; 8-11-82/490-491; 8-17-83/544; 8-15-84/604; 7-31-

85/487-488; 8-2-89/512 & 8-9-89/527-528; 1902/675; 1903/635; 1904 2nd half/355; 1905 2nd half/431; 9-14-06/212-213; 9-27-07/347-348;
News: 1871-1889/many each year; Mil. Road consolidation 1881/189;

Chicago & Northern RR: Pro posed line to La Crosse 5-17-70/178 & 6-18-70/268;

Chicago & Northern Pacific: 1872/many; 1873/192, 325, 335, 398; 1874/many;

Chicago & Pacific: News: 1872-76/many each year; 1878/115, 181, 190, 300; 1879/many; foreclosed 1879/243, xxx; a880/many; Annual reports: 1877/427?; 1879/480; 1880/96;

Chicago & Paducah: News: 1872/many; 1873/many; 1874/many; 1875/17, 139, 298, 371;1876/560; 1877/248, 264; 1878/8, 72, 115, 238; 1879/347, 546?; 1880/51, 91, 279; foreclosed 1880/89?; Annual reports: 1877/467?;

Chicago & Rock River: 1871/many; 1872/many, 123, 218, 485;

Chicago & Saginaw: 1872/487, 536; 1873/377

Chicago & South Atlantic: 1874/237, 419, 428; 1875/233, 400?; 1876/497; 1880/1x2, 48x;

Chicago & Southern: 1874/many; 1875/17, 58; 1877/many; 1878/72, 191, foreclosed 212; 1879/627;

Chicago & Southwestern: News: 1871/many; 1872/many; 1873/29, 193, 235, 131, 15; 1874/many; 1875/279, 341; 1876/many; 1877/many; 1878/72, 629;

Chicago & Springfield: 1878/75, 629;

Chicago & State Line: 1878/363; 1879/466;

Chicago & Strawn: 1879/382, 574, 675; 1880/30, 362?;

Chicago & Superior: News: 1871/392, 402; 1872/447, 456; 1873/285; 1874/280;

Chicago & Tomah: 1873/378; 1876/324?; 1879/64, 227; 1880/30, 236, 187;

Chicago & West Michigan: News: 1881/many; Annual reports: 1880/178; 1881/495;

Chicago & Western: 1875/99; 1880/160; 1881/657;

Chicago & Western Indiana RR: Deerborn Sta. coach yard 6-24-92/467; 16th St. crossing 1-29-92/75-76; News: 1879/many; 1880/many; 1881/254,445;

Chicago Augusta & South Atlantic: 1873/316, 355;

Chicago Bellevue Cascade & Western: 1879/560, 613; 1880/31?;

Chicago Belt: 1881/225, 242, 370; 1880/431;

Chicago Burlington & Kansas City: 1880/386, 413;

Chicago Burlington & Quincy: Company strength 3-2-77/99; New stock issue 12-20-78/614; Wabash RR disagreement 9-24-80/506; Burlington, Ia. sand house 6-22-87/483; Engine crew strike 3-2-88/140 & 3-9-88/157, 159 & 3023088/192 & 3-30-88/205 & 4-6-88/223 & 4-13-88/237; Employee relief dept. 3-23-89/197; Chicago's Hawthorne frt. yd 12-13-89/818; Employee relief dept. 2-16-94/125; Chicago-Denver fast run (18 hrs) 2-26-97/143-144 & 2-19-97/xxx; Hawthorn St. (Chicago) yd 12-30-98/931; Hannibal, Mo. icing plant 11-23-00/767; Northern Securities Co. 11-22-01/809; Red Oak, Ia pass. sta. 2-5-04/94; Galesburg frt. yd 9-8-05/218-220; 16th St. Chicago elevation 5-10-07/641-643; Galesburg tie preservation plant 1-10-08/54-55;
Air Brakes: Air brake test - this was an extensive series of tests over a period of many months 7-23-86/506-508, 510-511 & 7-30-86/521-525 & 8-6-86/540-542 & 8-13-86/ 557-559, 563 & 9-10-86/628-629 + insert & 9-24-86/661 + insert &10-22-86/728 + insert ; 10-29-86/740-741 + insert & 4-15-87/251 & 5-20-87/335, 336-337 & 5-27-87/347, 350;
Railroad lines: Extension to Aurora 10-29/70/106; St. Paul extension 12-7-83/812; Iowa trackage 4-2-80/132; Old Monroe to Mexico c/o in Mo. 12-3-04/594-598;
Bridges: Plattsmouth, Neb. Mo. Riv. bridge 6-25-80/346 & 12-3-80/640 & 12-10-80/653-654 + insert & 12-17-80/665-668; Bellefontainer bridge near St.Louis 12-15-93/899-901; Leavenworth bridge opened 10-19-94/45; Plattsmouth bridge 8-7-03/564-565; 75' concrete arch bridge over Big Rock Creek, Il 12-11-03/886-887; Salt River, Mo. concrete trestle 4-17-08/538;
Equipment - Locos: 4-4-0 pass. loco. 11-14-84/814-817; 4-4-0 pass. loco. 6-11-86/398-399 + insert; #83 0-6-2T suburban loco. 12-13-89/816-817 + insert; Cl. A 4-4-0 2-6-0 & 4-6-0 3-17-93/202-206; #550 4-4-0 Cl. M 6-16-93/426; #590 2-4-2 12-6-95/798-800; #1591 4-4-2 5-5-99/312; 2-6-2 cl. R & 0-6-0 cl. G3 3-30-00/195-196 + insert; #1701 2-6-2 6-22-00/417-418; 2-6-2 performance 10-10-00/691; 4-4-2 6-3-04/412-413; #1950 2-6-2 10-20-05/362-363;
Equipment - Cars: Std. box and stock car 5-24-78/600 + insert; Dining car "Kansas City" 1-15-86/34-35; 6 wheel trucks 4-2-86/227-229; 34' box car 6-21-89/404; Furniture car 1-27-93/68-69; 30T box car 1-24-96/54; pass. car interior photos 6-4-97/390 + insert; 40T box car 12-6-01/837; Dining car 4-5-01/236; Dynameter car 5-2-02/320-322; Cafe parlor car 10-24-02/814; 50T gond. 10-16-03/738-739; & 10-23-03/756; Diner lounge car 3-2-06/207; Gond. side & bottom #75,000? 6-13-08/79-80;
Reports & Annual Reports: Report 8-6-70/434-435 & 442 & 8-143-70/460-461; 1873/112;1874/84; 1875/139; 4-3-75/134; 1876/112, 121; 1877/104; 1878/105; 1879/136; 1880/169?, 1xx; 1881/1x0; 3-26-82/169; 1-5-83/9; 2-27-85/137; 5-7-86/314; 4-20-88/258; 1902/818' 1903/798; 1904 2nd half/571; 10-26-06/354-355; 11-22-07/613-614;
News: 1871-1889/many;

Chicago Clinton & Dubuque: News: 1871/46, 292, 368, 379; 1872/many; 1873/29, 70, 172; 1875/515; 1876/545; Annual reports: 1880/178;

Chicago Clinton & Western: News: 1875/many; 1876/many; 1877/many; 1878/198, 365, 520, foreclosure 141;

Chicago Clinton Dubuque & Minnesota: News: 1878/166, 475, 486, 583; 1879/38, 163, 546; 1880/many;

Chicago Danville & Vincennes RR: Report 5-27-71/101-102; Court decision with C&EI RR 11-24-82/717; News: 1871/many; 1872/many; 1874/16, 24, 125, 134; 1875/many; 1876/many; 1877/many; 1878/56, 129, 387, 546;
Annual reports: 1873/114; 1875/85; 1877/4xx, 455;

Chicago Decatur & St. Louis: 1872/345, 377, 455, 491; 1873/48;

Chicago Dubuque & Minnesota: News: 1871-77/many each year; 1878/8, 28, 72; Annual reports: 1877/455; 1879/158?;

Chicago Great Western RR: Division changes 8-6-97/549, 556; Coach & buffet car 9-2-98/625; #151 2-6-0 9-23-98/686-687; #232 4-6-0 9-22-99/657; Oelwin shop l/o 6-21-01/430; Cafe parlor car 12-18-03/900-901; Management organization 3-11-04/173; Winston tunnel lining 7-22-04/168-169; Kaw River bridge at Kansas city 7-29-04/195-196; Waterloo, Ia. frt. house 8-26-04/288; Omaha 12-23-04/657-658; Omaha frt. terminal 12-13-07/708-709;
Annual reports: 1902/708; 1905 2nd half/264; 9-28-06/258-259; 12-6-07/674-675;

Chicago Hamilton & St. Joseph RR: 7-23-80/397; 1880/402;

Chicago Hammond & Western RR: Hammond interlocking plant and track l/o 12-17-97/887;

Chicago Indiana & Southern; Annual reports: 5-1-81/596; 6-1-06/544;

Chicago Indianapolis & Illinois RR: #111 4-4-0 7-30-97/534-536; grain transfer & weighing car 5-13-98/340-341;

Chicago Indianapolis & Louisville: Cafe & coach cars 9-18-03/674; Louisville frt. terminal 3-11-04/195; Paoli trestle and line change 7-15-04/149-150; Baggage car 6-26-03/452-453; Anual reports: 1902/786; 11-15-07/583;

Chicago Iowa & Nebraska: 1872/131, 234;1881/350;

Chicago Junction RR: 8 track bridge over drainage canal near Campbell Ave. 5-25-00/336-338; Roundhouse 12-20-97/744-745; 40th St. elevation 2-21-08/243-246;

Chicago Lake Shore & Eastern RR: Calumet River swing bridge 5-7-97/323; coke car #9000 5-11-00/299; Coke car #9785 8-19-04/258-260; Gary class. yard 1-8-09/66-67 + insert.; Scherzer bascule bridge at Indiana Harbor 3-24-11/767;

Chicago Madison & Northern RR: Swing bridge over sanitary canal 12-3-97/insert

Chicago Millington & Western: News: 1873/15, 153, 204, 355; 1875/many; 1876/19, 22, 345; 1877/345, 481; 1878/46, 72; 1879/347, 478, 627; foreclosed 1879/418, 465;

Chicago Milwaukee & Puget Sound: #2502 2-8-2 7-16-09/95-97;

Chicago Milwaukee & St. Paul RR: Miscellaneous: Rate war with CStPM&O 11-24-82/723-724 & 12-1-82/738; New stock 10-2-85/631; lighting and heating tender for generating 6-13-90/410-412; New stock 10-10-002/778-779; U.P. conflict 12-15-05/550-552;
Pacific extension: 9-21-06/237 & 12-14-06/538-539; extension in Idaho 9-20-07/319-320;
Shops: West Milwaukee shops l/o 11-30-94/821 Gibbs electric turntable at W. Milwaukee shop 5-28-97/347; Mil. shop 6-26-03/451-452 + insert;
Railroad lines: Opened to Omaha 9-15-82/573; Abandon 23 miles from Emmesttsburg, Il to Esther (?) 5-24-89/344; Chicago's Pacific Jct. track l/o 5-12-99/334-335; Evanston Branch 8-24-00/561; Savannah, Ill to Green Island, Ia. track L/o & signals 5-1-03/306-307;
Bridges: Chicago's Goppse Island drawbridge 3-14-02/172-173; Mil. swing bridge 3-11-04/174-176; Wis. River bridge 3-17-05/258-260;
Signals: rain order and block signal 8-3-88/501l 787 4-6-0 & Block signaling 130 miles west from Chicago 1-17-90/35-36; Staff signal 9-14-94/627; Std. signal posts 9-2-98/626-627;
Equipment - locos: #T798 4-6-2 10-25-89/692-693; Cl. B 4-4-0 2-20-91/125-127 & 3-6-91/155-157; #830 4-6-0 6-9-93/412-413; #830 4-6-2 9-29-93/715; #838 4-4-2 1896 /page 517; #839 4-4-2 1-22-97/59; 4-4-2 9-20-01/646-647; 4-4-2 7-17-03/526-527; #851 4-6-2 6-9-05/654-655; 4-4-2 11-15-07/596-597;
Equipment - cars: R.P.O. cars 1-29-86/70-71 + insert; Snow flanger #19189 2-18-87/115-116; Electric reading lights in sleeping cars 2-7-90/87; Barr's full vestibuled sleeper 7-17-91/494-495; Harvey steel stock car 9-18-91/653; Electrically lighted cars 8-10-94/543-544; pile driver X218 8-11-99/564-566; 50T ore cars 3-1-01/141; 36' steel underframe box car 1-17-02/40; dining car for Pioneer Ltd. 8-15-02/635; "Southwest Ltd" obs. sleeping car 1-22-04/67; obs. parlor car 12-9-04/623-624;
Reports & Annual reports: 1874/288; 6-5-75/231-2; 1876/182; 1877/208; 1878/192 1879/232; 1880/266, 21x?; 1881/284; 4-19-78/197; 4-16-80/206-207; 5-21-80/276; 5-27-81/292-293; 5-12-82/286; 3-28-84/242; 3-20-85/184-185; 1902/726; 1903/707; 1904 2nd half/531; 1905 2md half/360; 10-12-06/304-306; 9-20-07/313-315;

News: 1873/63, 88, 323, see also LaCrosse bridge; 1874-89/many for each year;
Chicago Omaha & St. Joseph: 1872/many; 1873/283, 364
Chicago Pekin & Southwestern RR: Report 1-31-71/294; News: 1871/many; 1872/many; 1873/many; 1874/368; 1875/28; 1876/40, 51, 222, 334; 1877296, 568; 1878/47, 72, 557; 1879/many; foreclosed 1879/381; 1880/many; 1881/many; foreclosed 1881/307, 352; Annual reports: 1877/467?; 1879/180;
Chicago Portage & Superior: 1874/418;1881/323,657;
Chicago Quincy & Western: News: 1875/13; 1876/335, 374, 399, 497; 1877/78; 1878/300;
Chicago Rock Island & Pacific RR (See Also Rock Island Co.) : Chicago shops at Englewood 12-10-70/251 & 12-17-70/265-266; Rates & traffic 7-18-84/537; Pass. service 11-21-84/837 & 11-28-84/847 & 12-5-84/870; Also look under Rock Island Bridge Blue Island, Il. yard 2-3-93/84; Leavenworth bridge opened 1-19-94/45; Chicago track elevation 11-6-96/768-769; new Rock Island, Il. bridge progress 5-28-97/377-378; Chicago 16th St. interlocking plant 7-12-01/496-497; Sal Salle St. Sta. built 3-14-02/184-185 & 3-13-03/177-178 & opened 7-17-03/522; increasing stock 8-1-02/611-612; Willard, Ks. wreck kills 20 1-15-04/40-41; Silvis frt yard near Rock Island 5-4-06/448-450; St. Louis frt. sta. 10-12-06/322-323; control board 7-24-03/538; Salta Vista wreck 1-4-07/x & 1-11-07/37;;
Involvements (stock) with other RRs: Control of the C. & N.W. RR 4-23-70/82; Vanderbilt owned stocks 2-22-84/148; Editorial on acquiring S.A.L. stock 8-21-03/602; Rock Island Co. CRI&P & St.LSF stock holdings 12-1-05/503-506;
Equipment: Burton stock car #10333 3-22-89/195; 30T gond. coal car 3-6-96/158; #1101 4-4-0 7-16-96/488; cast steel frame #1102 4-4-0 11-27-96/826-827; #1301 4-4-2 4-26-01/278-279; #1603 2-8-0 4-17-03/276-277; Stock & drop bottom dump car #75916 11-3-05/418-421; #1048 11-10-05/440; 40T box car 6-8-06/568-569; Ganz steam motor car 3-29-07/451;
Reports & Annual reports: 6-25-70/300; 1873/278; 1874/253l ; 1875/281; 1876/286, 289; 1877/294?, 309?; 7-6-77/304-305; 1878/327; 1879/372, 37x; 1880/3xx; 1880/x91, 367; 7-11-79/378; R7-4-84/502-503; 1902/447; 1903/850; 10-5-06/264-286; 10-18-01/445-446; 10-18-07/445-447; 10-18-07/475-477;
News: 1871-1889/many each year.
Chicago Rockford & Northern: 1875/177, 290, 4xx; 1876/22; 1878/397; 1880/149, 186, 349, 423; 1881/103, 201, 213;
Chicago Saginaw & Canada: News: 1873/55; 1874/many; 1875/many; 187621, 365; 1877/many; 1879/227, 259, 478; 1880/30; 1881//74; Annual reports: 1876/488; 1877/526; 1880/xxx;
Chicago Saint Louis & New Orleans: News: 1877/546; 1878/21, 129, 419; 1879/164, 190, 227, 560; 1880/23, 55, 210, 563; 1881/many;
Chicago Saint Louis & Pittsburgh RR: Organized 4-13-83/235; Report 6-29-83/429; 5-23-84/397; Unique accident 5-22-85/322-323, 326;
Chicago Saint Paul & Kansas City RR: St. Paul shops 2-10-88/87-88; Law case 10-5-88/647;
Chicago Saint Paul & Minneapolis RR: Report 4-27-83/265; 1879/489; Annual reports: 1879/506?; 1880/83;
Chicago Saint Paul & Omaha: 1880319; 1881/617?;
Chicago Saint Paul Minneapolis & Omaha RR: Report 5-16-84/378; Rate war with CM&StP 11-24-82/723-724 & 12-1-82/738; Sioux City shops 9-11-03/650-651; News: 1880/many; 1881/many; Annual reports: 1902/231 & 1903/233 & 9-28-06/259-360;
Chicago Terminal Transfer Co: 12-2-98/658; Morrison lift bridge 6-2-99/382-383; Bascule bridge over Chicago River near 12th St. 9-22-99/355 & 6-7-01/380-381; 8 track bridge over Chicago drainage canal near Campbell Ave. 5-25-00/336-338; Bascule bridge over South Br. Chicago River 3-14-02/195; Grand Central Sta tracks & tower 9-19-02/721;
Chicago Texas & Mexican Central: 1880/524; 1881/many;
Chicago Transfer Co: 1873/371; 1875/514;
Chicago Transfer & Clearing Co.: 3-8-01/159; Clearing yard 3-11-02/182-184;
Chicago Union Depot: At Madison & Canal Sts (no picture) 4-15-81/203-204 & 5-13-81/257-259; Track and signals 6-1-94/383; News: 1873/8; burning 1874/31, 468; 1875/331; 1876/345; 1881/174, 203, 257;
Chicago Union Transfer RR: Proposed belt line 9-9-92/668; #102 2-8-0 4-25-02/307;
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Chignecto Ship Ry: 11-21-90/798-799 + insert; 5-23-90/355; Finances 6-9-93/417; 1881/623;
Chillicothe & Brunswick: 1872/341, 416?; 1873/306, 335
Chillicothe & Des Moines RR: Report 7-23-70/390;
Chippewa & Red Cedar: 1872/456, 548?
Chippewa Falls & Northern: 1876/305; 1881/60x;
Chippewa Falls & Western: 1873/316, 335, 388; 1874/many; 1875/17,280, 389;1876/245; 1877/68; Annual reports 1879/5xx;
Chippewa Valley & Red Cedar: 1874/298; 1875/433;
Choctaw Oklahoma & Gulf: Line locating 1-6-05/11-15 & 1-13-05/33-37;
Cincinnati & Cairo: 1881/529;
Cincinnati & Dayton Short Line: 1871/81, 391, 413; 1872/16, 267
Cincinnati & Eastern: News: 1876/398, 462; 1877/many; 1878/many; 1879/64, 227, 652; 1880/30; 1881/many;
Cincinnati & Fayetteville: 1878/300; 1880/122?; Cincinnati & Georgia: 1881/488;
Cincinnati & Great Northern: General RR News: 1872/367?; 1873/256, 388;
Cincinnati & Great Southern: 1871/217, 272;
Cincinnati & Indianapolis Junction: News: 1871/8, 236, 341; 1872/53, 236?, 241; 1873/245 Annual reports: 1873/54;
Cincinnati & Louisville Short Line RR: "Bullock Pen" viaduct 6-5-91/388;
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Cincinnati & Martinsville: 1875/108; 1876/many; 187753;
Cincinnati & Muskingum Valley: Annual reports: 1875/190, 411; 1876/235; 1877/207, 346; 1878/302, 442; 1881/649; News: 1871/311; 1872/16, 56; 1873/9;1876/282; 1877/67;
Cincinnati & New York: 1871/195, 202; 1872/257
Cincinnati & Northern: 1877/369; 1881/many;
Cincinnati & Ohio River 1880/186; 1881/339, 407;
Cincinnati & Portsmouth: News: 1872/548?; 1873/113 1876/many; 1877/297, 450, 556, 568; 1878/many; 1879/227;
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Bridges: Torrington bridge 2-14-90/104-105l ; Woodlawn bridge 6-3-92/406-407; Pelhamville stone arch bridge 11-18-95/32; Drawbridge Fort Point Channel, Bopston 8-4-99/552-553 & 9-8-99/625-627; Conn. River bridge at Middletown, Ct. 8-2-01/542; bridge improvements along shore line 3-17-05/242-246; ; Housatonic River bridge rebuilding 3-30-06/323-326 & 3-12-09/516;
Equipment: new pass. cars (no drwgs) 7-7-82/415; #240 4-4-0 6-23-93/447; #276? 2-8-0 4-26-95/263; #424? 2-6-0 10-2-96/681; #403? 4-4-0 10-23-96/735; 0-6-0 10-24-02/813; #869 4-6-0 11-24-04/582; 4 cyl. compound 4-6-0 2-15-05/151; #01 el. loco. 3-23-06/302-309; AC-DC loco 4-13-06/379-382; #1009 4-6-2 & #849 4-6-0 11-8-07/554-556; Compartment sleeper 1-31-08/147-148;
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Equipment: Lamplough's valve gear on #39 6-15-94/419; Train test comparison with English ry with #176 3-30-94/224-226;#201 2-8-0 3-23-00/185; #20 4-4-0 4-20-00/253; #143 2-6-0 7-26-01/531; Box car 40T, 1-8-04/21;
Annual reports: 1881/28; 9-22-99/662; 1902/708; 1903/763; 11-15-07/582-583;
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New York Pennsylvania & Ohio RR: Narrow gauging 7-16-80/382; Report 4-1-81/182; Finances 3-24-82/185; English influences 11-24-82/724-725; Erie lease 4-13-83/235; Ravenna, Oh wreck kills about 40 7-10-91/483, 484 & 7-17-91/494; Reorganized as Atlantic & Great Western RR 9-20-95/622; Rotary car dumper at Cleveland 10-11-95/666-667; News: 1880/many; 1881/many; Annual reports: 1881/176, 18x;

New York Philadelphia & Norfolk 11-1-95/723-725;

New York Pittsburgh & Chicago: 1878/387, 499; 1879/151; 1881/300;

New York Providence & Boston RR: Opening Thames River bridge 10-18-89/673; Annual reports: 1873/456; 1874/450; 1875/463; 1877/9; 1879/12; 1880/25?, 680; 1881/738; News: 1874/many; 1875/178; 1876/355; 1877/357; 1879/653; 1881/many;

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New York Texas & Mexican: 1880/622; 1881/672, 690;

New York Tunnel RR: 1880/622; 1881/324;

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New York West Shore & Buffalo RR: (See also West Shore RR) Finances 12-8-82/758; Weehauken tunnel & yards 3-2-83/134-135; 5-18-83/316; 2-8-0 10-12-83/666-669; collision reports: 11-9-83/737; Soon to pen 12-21-83/844; Signaling 11-28-84/846-847; Relationship with NYC&HR RR 7-31-85/486; Fast run & locos 8-28-85/548-549; Weehauken terminal & map 10-6-85/706-707; Class A flag stations designs 4-23-86/274-275; Class A stas. with agent std. designs 5-7-86/310-311; Std. 3000 gal. tender design 5-14-86/326-327; Newburgh wreck 7-21-93/543 & 8-18-93/622; N.Y.C. RR takes over West Shore completely 5-5-99/317; News: 1880/122, 136; 1881/many;

New York West Shore & Chicago : News: 1871/177, 216; 1873/163, 183, 458; 1874/428; 1875/200,260?; 1876/48, 178; 1878/many; Foreclosed 1879/88; 1880/5x; foreclosed 1880/347;

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New York Westchester & Putnam: 1876/315, 365; 1877/321; 1878/314;

New York Woodhaven & Rockaway: 1879/394; 1880/311, 463;

Newark & Hudson: 1872/277, 329, 388; 1873/26;

Newark Somerset & Straitsville 1871/8, 57; 1872/many; 1873/28;

Newburg & South Shore: Cuyahoga River bascule bridge 12-16-04/650-651; #600 gond. 12-21-06/554-555;

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Newport News & Mississippi Valley RR: 4-6-0 3-16-88/166-169; 25 ton gondola 4-6-88/217; Train order signal 10-24-90/732;

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Southern Ry: Organized 9-7-94/613; Pay scales 2-22-95/115; Riding the loco. Danville, Va. to Charlotte on pass. tr. 8-14-96/565; Floods in Miss. 7-16-97/507; Evolution of the Ry 8-17-00/556-557; Richmond, Va. sta. 11-9-00/737; Mobile, Ala coal trestle 8-15-02/646; Atlanta pass. & Frt. terms. 3-18-04/210-211; Track improvements near Culpepper, Va 7-15-04/150-151; Division map 9-16-04.348-349; Spencer, NC shop 11-25-04/575-579; S. Knoxville tunnel 3-17-05/218-220; Pinners Point, Portsmouth, Va. water terminal 3-18-04/204-205; Lawyer, Va. wreck kills Pres. Spencer 12-7-06/501;& 12-14-06/519 & reports: 5-24-07/698-699; Jasper to French Lick, Ind new line 9-6-07/261-264;
Equipment: 30T coal car #7085 4-17-96/264-265; 4-6-0 Richmond Loco. Wks 4-6-0 & 2-8-0 #241 3-4-98/159-161; #64822 gond. 12-25-03/adv. 42; #1680 0-6-0 6-30-05/757;
Annual Reports: 10-2/706; 1903/706; 1904 2nd half/483; 12-7-006/ 494-498; 11-1-07/514-516;
Southern (of Long Island): 1878/73, 239, 314, 327; 1879/many; foreclosed 1879/315, 406; News: 1874/388, 413, 449, 507; 1875/319; Annual reports: 1876/376;
Southern Central News: 1871/173; 1873/387; 1875/224, 525; Annual reports: 1876/375; 1879/248; 1881/106;
Southern Illinois & Missouri Bridge Co: Thebes, Ky bridge and track L/O 3-14-02/187 & 1-9-03/20-22;

Southern Maryland: News: 1872/301, 387, 487; 1873/many; 1874/19, 368, 438; 1875/57, 360, 371, 433; 1876/48, 136, 324; 1878/48, 215, 298; 1879/303; 1880/693; 1881/132, 694, 733;
Southern Minnesota News: 1871/61, 103, 118, 217; 187-802/many each year; Annual reports: 1872 or 1873/161; 1876/294; 1877/402; 1878/354; 1879/422;
Southern Ohio; 1872/:217, 356; 1873/132;
Southern Pacific RR: authorized 1-21-71/388-389; Portable wood preserving plant 2-8-95/80-82, 89; Control by Harriman 2-8-01/96; New bonds 8-22-02/659; Mountain profiles San. Fran to Portland, Ogden & over Tehachapi to El Paso & handling trains on descending grades 8-7-03/566-567; Telescoping snow sheds 1-22-04/61-62; management organization 6-3-04/414; U.P. & SP signal system to be built in 1906 3-30-06/343 & in 1907 12-28-06/575-576; Harriman lines under I.C.C. investigation 7-19-07/60; Proposed San Francisco RR hospital 7-26-07/89-90; Electrification 9--7-07/249-250; 26 car orange train of Pac. Fruit Express photo 7-10-06/490;
Railroad Line s- Overland: Snow sheds 9-16-98/669; Relocate around Great Salt Lake 9-27-01/661; Lucin C/O 10-24-02/810-811 &12-11-03/885 & opened 9-30-04/397; Salt Lake city facilities 7-12-07/33-37; Roseville yard 12-27-07/783;
Railroad Lines - Sunset :To build without subsidy California to Texas line 12-18-75/520; Pecos River bridge 10-28-92/802; New Orleans warehouse 2-3-93/86-87; New Orleans Miss. River bridge proposed 4-9-97/253-254; San Bernardino pass. sta. 11-27-03/847; San Antonio pass. sta. 12-18-03/906-907; El Paso sta. 7-8-04/122-123; SF & SP Ariz. C/O proposed 8-30-07/228-230; Tuscon sta. 7-12-07/460;
Railroad lines - Shasta: Portland union sta 3-10-93/183-184; Klamath Falls line 6-7-07/790-792;
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Marine operations: Car ferries 11-1-95/723-725; Ferry "Berkeley" 2-24-99/138-139; car ferry ;lines 6-8-06/593-598; steamship "Morris" 12-21-06/564;
Equipment - Locos: Cooke 4-6-0 4-5-95/215; #2026 4-8-0 1-6-99/3; #1442 2-6-0 3-31-99/222-223; #1456 2-6-0 4-14-99/261; #1915 2-8-0 5-5-99/315; #2278 4-6-0 3-22-01/199; #26143 2-8-0 4-5-01/233; #1720 & 1727 2-6-0 11-29-01/821; 2624 2-8-0 3-7-02/160-161; oil burner tenders 10-3-02/754-755; loco. equipped to burn oil 1-24-02/56-57; #3022 4-4-2 6-12-03/402; New locos 2727, 2-8-0, 2400, 4-6-2, 3025 4-4-2, 1116 0-6-0, 9-30-04/386-388;
Equipment - Cars: 50T boxcars designed by F. E. Canda & 50T hopper 6-9-99/395-398, 406; 12,000 gal. tank cars 7-17-03/527; std. steel coach 10-5-06/292l R.P.O. car $1097 6-14-07/852;
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Southern Pennsylvania 1871/429; 1872/15, 557; 1874/417;
Southern RR of Long Island: see Southern (of Long Island)
Southern Utah RR #100? 2-8-0 12-10-09/1142;
Southwest Pennsylvania: News: 1871/312; 1872/213; 1873?/88, 194; 1874/many; 1875/many; 1876/211, 409;
Southwestern (of Georgia) 1871/380; 1873/183, 305, 325; 1874/15;
Southwestern & Rio Grande: 1874/many; 1875/many;
Spartenburg & Asheville RR: Heavy grades and train operation 5-23-79/280-281; News: 1874/many; 1875/many; 1876/many; 1878/many; 1879/many; 1880/30, 311, 701;1881/214; foreclosed 1881/116, 199;
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Springfield & Northeastern: 1879/641; 1880/107, 403; Annual reports: 1880/594;
Springfield & Northwestern News: 1871-74/many each year; 1876/48; 1880/388; Annual reports: 1877/437; 1879/480;
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Springfield Decatur & Indianapolis: 1875/280, 442, 473;
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Springfield Jackson & Pomeroy: News: 1875/47, 389, 420, 462; 1876/many; 1879/many; Foreclosed 1879/487, 557;
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Baker, Wm. C. : Baker car heater, obit 2-15-01/119
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Baldwin, Wm. H. , pres. Long Island RR obit 1-6-05/18-19
Bell, J. Snowden Besides being an inventor he wrote many articles on railroad historical topics for magazines up into 1918.
Bliss, Wm., Boston & Albany RR pres. obit 212-20-07/750
Brill, G. Martin, Brill street car pres. obit 4-13-06/111
Brunel, I. K. British bridge & loco. designer 10-16-03/736-737
Burney, E. E, Pres. Barney & Smith Mfg. Co obit 12-31-80/695
Carnegie, Andrew, steelmaker 11-19-70/169*;
Caruthers, C. H. : He wrote many railroad historical articles for magazines.
Cassatt, Alexander J. , pres. Pa. RR obit 1-4-07/20 & 1-11-07/47
Chapin, Chester W. Boston & Albany president 6-15-83/387;
Colburn, Zerah loco. designer , author on locos/, editor Colburn's *RR Advocate*. obit, 5-14-70/155;
Cooke, James , obit pres. Cooke Loco. Wks 8-10-83/530;
Cooke, Watts : obit Cooke Loco. Wks,. DL&W supt. 10-19-00/692
Cooper, Peter 12-371/405-406
Daniels Geo., N.Y.C. RR pass. traffic mgr obit 7-3-98/444
Drew, Daniel , Erie RR Scoundrel, obit 9-26-79/511
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Fink, Albert : L&N RR bridge designer obit 4-9-97/262-263
Forney, Matthias N. , editor & loco. designer 1-17-08/76-77 & 82-84;
Garrett, John W. , obit pres. B&O RR 10-3-84/711-712
Gould, E. P. obit Rogers Loco. Wks supt. 12-22-76/554-555
Gould, Jay: RR financier obit 12-9-92/924-925, 2-20-89/840;
Gowen, Franklin B. : record as P&Rdg. pres. 6-10-81/319;
Hall, John M. pres. N.Y., N.h. & H. RR obit 2-3-05/105.
Harding, Russell , Missouri Pacific obit 3-13-08/371.
Harris, Daniel , obit pres. Conn. River RR 7-18-79/389
Haupt, Herman , RR eng'r & Civil War RR administrator 12-22-05/589-590;
Hayes, Samuel J. , obit. B&O RR loco. designer 9-29-82/591-592
Henssey, Wm. P. Baldwin Loco. Wks partner & designer 4-2-09/741
Holley, Alex. Editor of Colberns erratic *RR Advocate* 2-3-82/74
Hudson, Wm. S., obit pres. Rogers Loco Wks 12-8-82/747
Huntington, C. P. obit, S.P. & C.P). pres. 8-17-00/547
Jervis, John B. , obit 1-16-85/40 & 1-23-85/49-50
Loree, L. F., pres. D. & H. RR . 4-26-07/568-569
Mason, Wm. obit pres. Mason Loco. Wks 6-1-83/341-342
Meigs, Henry : Peru RR builder 10-19-77/465;
Merrill, Sherburne S. obit gen. mgr CM&StP 2-13-85/97 & 3-20-85/insert
Millholland, James obit 9-4-75/362
Newell, John : obit pres. L.S. & M.S. RR 9-7-94/618-619
Ogden, Wm. B. pres. C&NW obit 8-10-77/368-366;
Paine, Charles, executive many RRs, obit 7-13-06/36-37
Perkins, Geo. L.. treas. Norwich & Worcester RR - still working at age 100. 8-3-88/503; (The only other person known to have worked until 100 was "Soda Ash Johnny" M. Horan of the CMSt.P&P in 1938.)
Phillips, Elyah , pres. Eastern & Fitchburg RRs obit 9-2-05/269
Poor, Henry V., editor Am. RR. Jr & Poors Manuals obit 1-13-05/32
Roberts, Geo. B.: obit, pres. Pa. RR 2-5-97/98-99

Roberts, W. Milnor, obit civil engineer early RRs 7-29-81/416 & 8-21-81/580-581
Scott, Thomas, obit Pres. Pa. RR 5-27-81/289-290
Sellers, Coleman loco. builder, 1-17-08/89-90
Sloan, Samuel pres. DL&W obit 10-11-07/421
Spencer, Samuel pres. Sou. Ry obit 12-7-06/509-510
Swinburne, Wm: loco. builder 12-10-80/655 & obit 11-9-83/738
Thomas, Eben Briggs ,pres. L.V. RR and chairman of Erie RR 1-16-03/47
Thompson, Frank: obit pres Pa. RR 6-9-99/399
Thompson, John Edgar, obit pres. Pa. RR 6-6-74/214-215
Trevethick, Richard, 7-9-70/342
Turner, John B. obit, 4-15-71/31
Tuttle, Lucius, B.&M.RR pres. 9-14-06/216; 10-14-10/697-698
Twitchell, Ginery obit pres. Boston & Albany RR 7-27-83/493
Vanderbilt, Cornelius: obit 1-12-77/13-17
Vanderbilt, Cornelius Jr. obit 9-15-99/635
Villard. Henry, N.P. pres. obit 11-16-00/749-750
Wadley, Wm. M., pres. C.RR & Bkg Co. of Ga. obit 8-18-82/510
Walker, Aldare F, obit A.T.&S.F. chairman 4-19-01/267
Walker, Herbert., Wrote many articles on railroad history in 1890s-1900s
Walter, Alfred, S. A. L. RR pres. obit 2-22-07/247
Webb, Francis Wm. inventor compound loco. design 6-19-03/422-423
Westinghouse, Geo.: obit, air brake inventor 11-1-07/512-513
Wootten, John E. obit, loco designer Rdg RR 12-30-98/927

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CARS, PASSENGER & COMPONENTS

Note: The last December issue each year 1909 (and probably earlier) gave a detailed listing of all passenger cars purchased during the year giving type of car, number on order, from whom, and some other information but no car numbers.
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CARS, FREIGHT

Note: The last December issue each year 1909 (and possibly earlier) gave a detailed listing of all freight cars purchased during the year giving type of car, number of cars on each order, from whom and some other information but no car numbers.
Box car: Eaton's heavy duty with 6 wheel trucks 1-30-75/41; Box car dumper 10-11-78/489; Wagner's doors 1-1-86/2-3; Steel cars of Harvey Steel Car Co (Chicago) 6-5-91/386-387; steel framing 3-29-01/218 & 4-5-01/234-235; Box car with hoppers, Manning's design 3-29-01/215; Steel box and gondolas 6-16-05/677;
Cattle stock cars: Burton car #10333 3-22-89/195; & 9--9-87/584; Canda design 3-2-88/134-136; Burton car 2-21-90/127; Hicks double deck 5-30-90/376;

Canda car #1001 7-7-93/500-501; Vestibule design of Wm. A. Burk 6-17-04/35;
Coal jimmie: 9-21-72/409; 8 ton capacity car 9-8-76/390-391;
Flat cars: Canda Car Lines 44' 4-27-94/294; Canda long car 6-7-95.363-364; Pennock steel flars 11-29-95/782-783; Universal Construction Co. steel flat car 12-4-96/845; Bethlehem Steel 150T 32 wheel car 7-10-03/509 & 7-17-03/524;
Gondola cars: Schoen Co. 5-23-90/360; McMahon hopper bottom gond. of Dumping Car Improvement Co. 2-28-96/143 + insert; 50T gond. 1-4-01/4-5; low sided gond. 8-2-01/543; Rolled steel car #71001 of Sterlingworth Ry. Supply co. 2-1-01/78-79; steel gond of Universal Construction Co. #5 7-17-96/504-505;
Hopper cars: S. D. King design hopper bottom cars 1-19-94/39; Sterlingworth Ry Supply Co. (Easton, Pa.) hopper bottom steel cars 6-22-00/426; structural steel hopper car design of A.C.F. 2-8-01/90-91; Development of coal cars from 1700s 10-20-05/372-374;
Poultry cars: 1`1-9-06/412
Refrigerator cars: Improved design 6-6-84/423; Ayer rubber design used on CB&Q 8-15-84/598-600; Early history 5-14-86/325; Zimmerman automatic reefer 1-20-88/36; Cook design 7-13-88/454; Bosmann design 8-31-88/573; Hanrahan design 10-3-91/758-759; Wickes design 4-22-98/293; Canada Car Co 9-21-94/644-645; Miller system of mechanical refrigeration 10-23-03/752-753; Tiffany car #577 7-13-77/311;
Tank cars 9-10-70/552; Harvey steel 1-6-93/6-7 & 1-20-93/46; New design of framing, Union Tank Line #9733 3-6-03/164-165; Bettendorf tank car 6-17-04/18-19;
Iron Cars: Dr. B. J. Lamoth iron frt. car 2-17-72/77; iron flat car 1-24-79/42-43, 47; Experiences of iron box cars on N.Y.C. 2-21-79/93; Iron car economies 3-14-79/139; Kellogg's iron gondola 9-1-82/536-539;
Steel cars: Building pressed steel cars 10-5-00/651; steel construction 2-26-92./154-155; Southern Iron Car Line 6000 steel cars 4-20-94/280-281; Carnegie Steel Co. 50 T hopper #1009 & steel flat car #1002 6-12-96/408; Coming of steel cars 11-12-97/800-801; Steel framing 6-12-96/411;

CAR COMPONENTS:
Coupler of Kitredge & Fischer 12-10-70/241; Rex's coupler 4-29-71/53; Enos & Co's coupler 4-6-72/151; Porter's design 12-14-72/531; Spooner's design 11-20-75/475; Janney coupler 1-10-79/13-14; Ames design 6-10-81/311; editorial on frt. car couplers 10-6-82/614; Miller & Janney combined coupler 2-1-84/82-83; Automatic couplers of Archer, Ames, Cowell, Gifford, Janney, Mitchell, Union, & U. S. Automatic. 9-26-84/696-698; Wilson-Walker automatic 10-10-84/729; Automatic coupler questions and answers 11-7-84/797; Hilliard design 1-2-85/5; Ares design 6-5-85/355; Buffalo, N. Y. car coupler tests 9-16-85/598-599, 593 & 9-23-85/615-616 + insert & 10-2-85/626-631; McKeen automatic couplers 5-28-86/363 & 7-23-86/505 & 2-4-87/71 & 5-13-87/314; Akman automatic 5-28-86/364; Barnes automatic 5-28-86/364; Browning automatic 2-25-87/124; Dowling automatic 8-19-87/538-539; Keystone Car Coupler Co. 11-8-89/730-731; vertical plane coupler 1-17-90/42-43; Janney vs. Miller coupler 4-11-90/251-252; broken couplers & Robt. Eastwire Car coupler #2 6-6-90/394-397; Fox coupler 6-20-90/437-438; (The 1890 magazine issues had many automatic coupler designs which I did not index.) Knuckle coupler types 11-13-91/793-795; Gould and Janney couplers law suit 2-28-96/XIVa-XIVf & 6-5-96/394; Hein coupler 6-19-96/438;
Draft gears: Modern designs 6-13-02/insert
Draw bars: Caum's draw bar & buffer 8-2-73/307; Lack of drawhead standards 9-19-84/680, 681, 682-683;
Journal boxes: Axle lubricator 8-24-72/369; Boxes for pass. cars 6-7-73/232 + insert; Paret's jr. box 11-29-73/480 + insert; Hot boxes 7-26-89/494-495;
Trucks: (There were many truck designs. I only indexed what appeared to be the more significant.. Check the indexes of each volume for others) Graham pass. car trucks 8-12-71/219; Wilson's frt. car truck 1-20-721/25; Thomas Wilson's pass. car truck 3-9-72/105; Pass. & Frt. car trucks 5-4-72/193; Challender's arch bar design 5-4-77/198-199; Frt. trucks of various designs 11-3-82/672-673 & 676-677; Diamond truck 4-6-83/215; Proposed std. design 6-26-85/404-405 & 7-9-86/472-475; Fox pressed steel 3-27-91/210-211; Buckeye plate truck 9-4-96/619; Kindle truck for 50T cars 4-23-97/288; Cloud truck for 50 ton cars 6-4-97/386-387; Atlas metal truck 7-30-97/538; Wright's steel frt. truck 12-10-97/866; Sterlingworth rolled steel truck 3-31-99/230; Haskell pressed steel truck 6-13-02/439; Bettendorf cast steel truck 6-10-04/445; Symons cast steel truck 7-27-06/74-76;
Wheels: Steel tread 12-22-76/553-554 & 3-2-77/99; Allen Paper Car Wheel Co. 1-26-83/53 & 2-9-83/85; Wellman's wheel design 3-23-83/179; History of car wheels 8-10-83/521; Ramapo Wheel & Fdry Co. steel tired wheel of W. W. Snow design 7-27-83/492; Spring plate steel tired wheel 8-24-85/260; Peckham paper wheels 2-24-88/118-119 & 3-2-88/139;

CAR BUILDERS
Atlantic Car Co: 1874/151
American Car & Fdry Co: organized 2-10-99/103
Barney & Smith Car Wks: 11-19-80/618-619; frt. car plant 6-17-08/116; 1875/419;
Billmeyer & Small Car Wks: 5-16-84/381;
Brill, J. G. & Co.: Transfer table and elevator 6-27-02/495;
Canada Car Co: new Montreal shop 6-8-06/584-589
Central Car & Mfg. Co. 1871/387
Chicago Car Works 1871/366
Cummings Car Works: 1873/456;
Detroit Car Works: 1875/385;
Harlan & Hollingsworth Car Co: 4-25-84/324-325;
Hicks, F. M. & Co: Private cars for St. Louis world's Faior 9-9-04/82;
Hicks Loco. & Car Works:(Chicago Hts, Il): L/O of plant 11-7-02/856-857; 7-6-06/22-24;
Jewett Car Co (Jewett, Oh): Gasoline motor car "Eureka" being tested 5-5-99/313
Kinetic Mfg. Co: Steam motor truck 12-1-99/827
Litchfield Car Co: 1873/321, 492; 1874/437;
Lucas Sleeping Car Co: 1875/225;
McNairy Clafin & Co: Street car bldr 11-5-70/123-124;
Niles Car & Mfg. Co. 11-29-01/824
Ohio Falls Car Works: 1871/382; 1872/197, 276, 397, 485, fire 113?
Pittsburgh & McKeesport Car Co: 1871/392
Pressed Steel Car Co: 6-14-01/ + insert; Steel pass. cars 10-19-06/342-344;
Pullman Palace Car Co: Annual reports: 10-8-73?/251; 1875/506? News: 1871/12, 126, 377; 1873/261, 364; 187538, 330, 402, 172;
Schoen Pressed Steel Co. 7-14-99/503-504; Pittsburgh plant & some cars 6-10-98/406-407 + insert;
Standard Steel Car Co: Description 6-13-02/434-435;
Stover Motor Car Co (Freeport, Ill): Gasoline 12 pass. car 2-28-08/292-293;
Taunton Car Co: 1873/483;
Thornton Car & Mfg. Co: 1872/208
Tiffin Car Works: 1872/127
Vermont Iron & Car Co: 1874/217
Wellman Seaver Morgan Engineering Co: Steel hopper cars 7-31-03/553;

CAR LEASING COMPANIES:
Atlantic Car Co: 1874/151;
Missouri & Illinois Rolling Stock Co: 1874/155;
New England Rolling Stock Co: 1874/55;
Texas & Atlantic Refrigerator Car Co: 1874/398;
United States Rolling Stock Co: News: 1872/95, 341, 468, 518; 1873/366; 1875/many; 1876/62, 114, 234, 372; 187835; Annual reports: 1874/549, 1875/87;1878136, 138;
Western Rolling Stock Co. 1874/155

COMMUNICATION
Phelps induction telegraph 4-10-85/236 & 12-20-85/114-115; Uniform telegraph & train rules 5-8-85/239; Train telegraphy from moving train 7-22-87/481; Consolidated Ry. Telegraph Co. train telegraph 9-16-87/603;
Telephone: Train orders by telephone 9-1-99/605-606; Long distance telephone 7-22-98/532; RR use of 6-13-02/449-450;

ENGINE TERMINALS - See also STRUCTURES
Turntables of Passaic Rolling Mill Co 1-30-80/58-59; C. O. H. Fritzsche design turntable 2-9-83/86-88; Evolution 2-10-93/104-105 & 3-3-93/164-166 & 3-10-93/184; Strobels design 4-1-98/231-232; Electric turntable 10-14-98/738-739
Water cranes: 5-23-74/194; 4-3-75/132; 7-15-81/332-333; Page's design 9-21-83/616; Mansfield design 1-27-88/52; Sheffield design 2-11-98/104;

EXPOSITIONS
Philadelphia 1876 Centennial : RR exhibit 1-8-76/13
Chicago Expo (1883): Locos at 7-6-83/444
Chicago: Worlds Columbian Expo (1893): 4-21-93/296-298; Multi speed RR 5-12--93/352; Intramural Ry 5-19-93/372-373; Jackson Park train sta. & RR yards at the fair 5-26-93/392-393; Locos on display - Baldwin, Brooks, Schenectady 6-16-93/434 + insert; 17 locos on display 10-27-93/777-781; 12 locos on display 11-24-93/848-851; Pass. cars on display (about 50) 12-1-93/868 & 12-15-93/909; locos displayed cont. 1-26-94/59-60
Pan American Expo: Locos on exhibit 6-14-01/insert;
Field Museum (Chicago) : RR history portrayed at the museum 10-22-97/742-743
St. Louis World's Far: Pullman Co. exhibit 5-27-04/398-400;

GOVERNMENT CONTROLS AND RATES:
Pools: In 1870s the magazine carried a great deal of information on railroad pools; Pooling regulations 11-4-98/795, 799; 7-24-96/575;

Rate war of 1876 Pa. RR, Erie RR & B&ORR 10-6-76/434; Extortion on rails inquiry by N. Y. courts 3-11-81/137; Unreasonable thru rates 3-25-81/170 & 4-1-81/177-178; rate war of B&O RR and Vanderbilts 10-7-81/549-551, 554; End of rate wars for thru traffic 1-27-82/56; Rate war of CM&StP and CStPM&ORR 11-24-82/723-724 & 12-1-82/738

Interstate Commerce Commission: (There were many brief items during the formation of the I.C.C. which I did not index.) Second thoughts on the newly established ICC 2-18-87/112 & 2-25-87/128;l The 1887 Act creating the ICC 4-1-87/216; Put into effect 4-8-87/234; First reports: 12-9-87/800; ICC powers 1-3-02/5; rate making powers 1-6-05/1; Amended act giving more power 1-18-07/66-68;

New York State regulations 4-26-07/569;

Trunk Line Traffic Association: territory map 1-28-98/59

Hepburn Act: 4-27-06/418-419 & 8-3-06/91-92;

LABOR - EMPLOYEE RELATIONS

Strikes by RR employees (strikes against individual railroads indexed only to the railroad.) (I indexed only a few, usually at random.) 11-26-70/194-195; labor strikes 4-5-73/138; editorial 4-4-74/122; rights of strikers and stricken 3-30-77/142-143 & 4-6-77/151; Strikes 7-27-77/340-342, 343-344 & 8-3-77/352 & 9-7-77/403-404; strikes 4-29-81/236-237; Chicago switchmen strike 4-6-88/225; 8-4-99/555

American Railway Union: Big strike 7-27-94/515-516 & 8-3-94/531, 535

Brotherhood of Conductors: 1875/461, 473;

Brotherhood of Locomotive Engineers: Editorial 3-28-74/112-113; described 6-15-77/263-264; News 1875/138, 441;1879/245, 571, 584;

Brotherhood of Locomotive Fireman: News : 1875/8, 505, 530l; 1879/487, 501;

Negros in the cab 11-2-83/726

Discipline, Brown's system 12-21-00/844-845;

Education: of employees 9-23-87/622

Employees - English and American different attitudes 9-5-02/690-691

Pension Systems: (In 1901-1905 the magazine carried a fair number of items on various railroads adopting pension plans. I indexed several for particular railroads. One plan for BR&P RR 7-17-03/527;

Relation of RRs to their employees 3-29-89/212-213

Occupations:

Conductors, passenger: 8-31-88/575

Police: 6-12-03/401-402

Porters - Red Caps - Porters equipped with red caps (first) to help women and children 3-8-95/155

Road foreman of engines 6-17-87/402-403; 10-12-88/663-664

Signal engineer 1-5-00/6 & 1-12-00/15

Superintendents: 4-20-88/257-258

Supt. of motive power: 6-13-02/429-430

Trainmen: average life 4-1-98/235; hours of labor 1-4-07/3-4;

Apprentice Program, Special (for college graduates) : Negative comments 9-28-00/632 (These programs continued into the 1950s - I was on one which was very obsolete.); Baldwin Loco. Wks 4-19-01/271

YMCA: RR building at Handley, W.V C&O RR 7-20-94/505-506 (I indexed YMCA to the particularly RR including this one)

LOCOMOTIVES

Note: The last December issue each year 1909 (and probably earlier) gave a detailed listing of all locomotives purchased during the year giving type, number on order, from whom, and some other information but no engine numbers.. All regular builders were included plus Heisler, Lima, and some Porter, but no Climax.

50 year history 10-10-79/538-539;

Locomotive development since 1830 with numerous classification book type illustrations 1850-1910 & bar charts 9-29-11/586-590; Freight locos, development of 10-19-06/344-348;

Locomotive Catechism (Forneys): 1-3-74/1 and all subsequent issues for the year.

Pooling (chain ganging) locomotives:

Freak locomotives: Fontaine 2-25-81/115 insert &6-3-81/299 &11-4-81/611, 616 & 12-23-81/730 &12-2-81/683; Benj. F. Hudson's design 3-10-82/149; Murphey's design with cylinders between drivers 8-31-83/578; James Toleman loco. 5-19-93/374-375; Holman loco. 4-9-97/261 & 9-1-99/614; Shaw 4 cyl. loco 5-19-05/524-525; ; Geo. A. Bothwell (Ontario) 4-4-0 with traction increaser 8-9-07/158; Compensated locos 8-14-08/xx & 8-21-08/767-773 & 8-28-08/815-817; Ritchee double piston loco of 1856 8-28-08/815;

Ammonia motors: Railway Ammonia Motor Co. 1-6-03/2-3

Articulated: See Mallet articulated.

Compound locos: Mallet compounds 12-21-77/560-561; Failure of design 6-27-84/486; Lindner starting valve 11-15-89/742-743; Perry & Lay design applied to Erie RR 9-19-90/646; Wrights 4 cyl. design of Rhode Island Loco. Wks 1-30-91/76-77; Comparative tests of compound & simple locos. 12-4-91/858-859; Efficiency 5-17-95/310-312; Cost of repairs 4-28-98/298; Use for fast pass. service 5-12-99/336; Compound loco of Johnstone's design 3-22-01 (or 91)/350-351, 354; Golsdorf system 1-16-03/41; Care and operation of compounds 9-18-03/664-665; Advantages of 4 cyl. balanced compound 2-10-05/120-122; Samuel J. Prince's 4 cyl. compound design 6-9-05/637; Origin of 4 cyl. balanced compounds 12-8-05/543-546; Vauclain balanced compounds 6-15-06/644-647;

Compressed air locos: 8-9-95/529; Porter design 10-21-92/790 & 2-7-96/86-87; Dickson design 10-29-97/762;

Electric: Early designs 9-22-82/581; Daft design 1-25-84/60; Field's design 11-11-87/731; first electric factory switcher in Chicago at Northwestern Terra Cotta Co. 7-8-92/606; 100 hp loco of Thomson Houston Co. 12-4-91/854-855; 1000 hp. Sprague design being built by Sprague Duncan & Hutchinson 10-11-93/747-748 & order canceled because backers bankrupt 11-17-93/830; El. mining locos 12-23-92/951, 30 ton loco by GE 7-14-93/522-523; 40T el. loco. 9-7-94/619; Wheless system for el. locos 7-26-95/496; 37 1/2 ton loco for switching and industrial use by G.E. 12-28-06/580; Use of A.C. power 8-26-04/275-278;

Fireless: Tests 1872/94, 161, 283?, 345?; 11-7-11/990-991; Scheffle's fireless tested on Crescent City RR (New Orleans) 8-24-77/383; Lamm's design used at New Orleans 1-24-74/25; News 1873/172; Trial of 1873/354;

Forney improved tank loco. 11-12-70/145-146 & 157; 0-4-4 tank with vertical boiler 11-9-72/480-481; 0-6-4 & 0-8-4 4-16-80/377-379;

Geared: Largest, 4 trucks 6-20-02/466;

Logging: Porter 0--4-2T loco. for logging railroads

Mallet articulated: Detail drwgs of mallet parts 10-4-07/384-388;

Mining: Electric 12-23-92/951 & 200 hp 6-19-96/429; different kinds 2-2-06/116-117; Bald Mtn Gold Mining Co 0--4-0T 10-12-77/453;

Oscillating cylinder locos: Henry Shaw's design 2-17-82/98; 4 cyl. freak loco 5-19-05/524-525

Rack: (Most rack locos are indexed to the railroad. Riggenbach type 8-30-78/422; 2-14-96/105-107

Soda street ry. loco 7-8-85/418-420;

Strong, George, locomotives: 4-4-0 without side rods 8-11-82/485; valve gear 3-19-86/195-197; L.V.RR #444 4-6-2 with Shaw boiler/firebox 2-18-87/106-109; #444 tests 9-16-87/598-599, 604-605; ; 9-30-87/629; firebox 5-4-88/288; boiler 5-18-88/313; 5-25-88/335; #1 "A. G. Darwin" 4-4-2 1-11-89/21-22 + insert; performance 4-12-89/245; 6-28-89/421; boiler performance 7-26-89/437; Counter balancing tests 8-6-97/557 & 8-13-97/565 & 9-10-97/634;

Suburban: See Forney also; 12-13-89/822-823; Suburban loco designs 1860 to present 5-15-03/338-339;

2-6-0: origin of the name mogul 6-10-98/401;

2-10-0: first - for Brazil built by Baldwin 5-1-85/274;

2-10-2: first -AT&SF #915 10-9-03/720-721

4-2-2: Proposed in 1903 2-27-03/154;

LOCOMOTIVE BUILDERS

Adams & Price: Pole road "Perdido " #2 2-19-96/124;

American Loco. Co: Annual reports: 10-9-08/1088; Report 10-13-11/703-704; #50,000 4-6-2 12-29-11/1322-1327

Baldwin Loco. Wks: Narrow gauge locos 5-6-71/60; Cross section of std. 30 ton 4-4-0 12-23-71/398-399; 2-6-0 cross section 2-17-72/77 + insert; Steam car tried on Philadelphia streets 12-4-75/501; 4-4-0 & 2-8-0 at Phila. Expo 5-19-76/214-215; Steam Loco. #1 for street Rys 11-24-76/511; Steam dummy street car 5-11-77/210-211; N.G. 4-4-0 9-7-83/588-589; 2-8-0 at Chicago Expo 6-23-83/402-493 + insert; 4-4-0 at Chicago Expo 6-29-83/422-4323 + insert; N.G. 2-8-0 at Chicago Expo 7-13-83/460-461 + insert; New erecting shop 8-22-90/585 & 1-29-92/82; Vauclain compound 2-8-0 11-20-91/815; 2-4-2 "Columbia" for Chicago Columbian Fair 5-26-93/394-396 & its performance 5-11-94/333; 65 ton electric loco of Sprague, Duncan & Hutchinson design 4-19-95/251; Bald.-Westinghouse elect. loco 3-6-96/155-157; BLW electric switching loco & crane 9-25-96/669; Flexible beam "Washington" loco of 1847 Harrisburg & Lancaster RR 11-15-01/791; Vauclain balance compound 6-15-06/644-647; Labor and management relations 12-26-02/974-975; Improvements at Phila. works 10-31-02/828-829;

News: 1874/177; 1876/9;

Brooks: News 1875/457; Std. 4-4-0 for n.g. 8-31-77/394; Std. 0-4-2T 10-5-77/444;4-4-0 n.g. 6-1-83/342-343; 2-6-0 6-8-83/358-359 + insert; 0-6-0 at Chicago Expo 6-15-83/378-379 + insert; 2-6-0 n.g. 8--3-83/508-509; Std. 4-4-0 8-17-83/538-539 + insert; 4-6-0 at Chicago Expo 9-28-83/634-635 + insert; 5-16-90/335-336; compound locos 11-25-92/876-877; Erecting shop 6-19-99/428; Shop improvements 12-26-02/978;

Canadian Loco. & Equipment Co 0-4-0T 11-27-96/819;

Cooke: Relocates shops in Paterson 9-7-88/592;

Cowle's pole road loco. 4-16-86/259-260;

Daft Electric Locos: 1-25-84/60;

Davenport Machine Wks: New loco for contractors 1-23-02/68; works described but no pictures 3-6-03/166;
Denmead, A. W. & Sons 4-6-0 6-19-08/176;
Dickson Loco. Wks: Compressed air locos 10-29-97/762; News 1875/97, 123;
Field's Electric loco, 8 wheel 11-11-87/731;
General Electric Co: Mining el. loco 12-23-92/951; 30T el. loco 7-14-93/522-523; 40 ton el. loco 9-7-94/619;
Grant: Std. 4-4-0 5-10-73/185 + inserts; oil burning loco. 7-14-82/431; Relocating to Chicago 5-15-91/332-333; Chicago works 6-17-92/449 + insert; Erecting shop 4-7-03/258; Bankrupt 1-26-94/68; News: 1874/413, 427; 1875/77, 123, 183, 200;
Heisler: Geared loco. 11-25-92/881, 2-11-98/93;
Hinkley: New design for Bonce Furnace Co (??) 5-18-77/221;
Hunt Mfg. Co, C. W.: Storage battery loco. for shop switching 12-20-01/874; 5-15-03/342;
Jeffrey: mine locos 11-29-07/664;
Lima Loco. Wks: shay 3 truck 5-8-91/ 315-317 + insert; New plant 8-8-02/625;
Locomotive & Machine Co: Opened at Montreal 1-15-04/46-47; new shops 9-25-03/686-687; shops 8-21-03/595-598;
Manchester Loco. Wks: News 1873/365
Mason & Co, Wm: Fairlee 0-4-4 "Onward" 11-25-71/349; Double bogie 0--4-4 5-18-77/221-223 + insert; Std. heavy 4-4-0 6-4-86/380-381; Fairlee "Janus" loco 2-4-71/245;
National Loco. Works: 1874/146; 1875/143, 494;
Norris: Built first loco. to ascend heavy grade (4-2-0) 2-4-87/71-72, 76 + insert; 8-6-09/231-236 & 8-11-09/281-283 & 8-20-09/313-317;
Pittsburgh Loco. Wks: 2-6-0 compound 2-2-94/80-81;
Porter: Dummy loco. for street ry 4-6-77/? Small locos 5-30-84/416; Mining loco 3.5 tons 6-21-95/400-401; New erecting shop 6-22-00/419;
Portland Co: News 1873/315;
Rhode Island Loco Wks: 4 cyl. compound 1-30-91/76-77;
Richmond Loco. Wks: Compound intercepting valve 6-15-94/422; The shops 6-13-02/442-443;
Rogers: History 3-23-77/129-131; Improvements of shop and L/O 6-13-02/450 & 10-31-02/840;
Schenectady Loco. Wks: L/o of bldgs & tracks 7-15-92/524; Enlargement 10-30-02/753-754 + insert;
Smith & Perkins: Loco. "Goliath" and Pa. RR #127 Wilmore & others 4-19-07/552-556;
Thomson-Houston: 100 hp electric loco 12-4-91/854-855;
Vulcan Iron Wks: Several typical locos 6-19-03/445;
Wade Totten & Co., loco. built for Allegheny Portage RR 4-13-77/163;
Wilmarth, Seth: 9-27-07/357-360 & 10-4-07/382;
Winans: Law suits many mentions 1874 & 1875 but not indexed.

LOCOMOTIVE COMPONENTS

Bells: bell ringer steam operated 1-11-731/409; 3-8-89/158;
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The magazine reported on any accidents. I indexed by the RR name those that killed more than a few people.
Perils of coupling cars 10-4-73/402-403; cornfield meet of two trains 6-2-76/255 + insert
Train Accidents: Every month in 1870s and 1880s the magazine had a brief description of every train accident in the United States. In month of July 1873 there were 90 listed. These reports give a good idea of safety on railroads.
Crossing Gates, Reynolds automatic 5-12-93/356

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Thruout 1900 a series of articles appeared on the technical aspects of signaling but with few photographs .
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RAILROAD RECORD (AND JOURNAL OF COMMERCE) 1853 - 1872

This weekly magazine was published in Cincinnati. In the 1850s magazines were published in Boston, New York, Philadelphia, Cincinnati and Chicago. The railroad company items in the magazine were almost entirely short items comparable to the news items in the *American Railroad Journal.* However, because I did not see the volumes ((The only complete set is in Cincinnati at the Historical and Philosophical Society of Cincinnati, was too costly for me to visit.), I could not describe the more important articles.

The magazine gave the best coverage of the Southern railroads before and immediately after the Civil War.

There is a fair amount of material that did not appear in the *American Railroad Journal.* I prepared this index, except for the first year, from the annual indexes of the magazine which gives only the first page number of an article. These indexes are available only at the historical society, and John H. White, Jr. obtained copies of the volumes' indexes for me.

Most references are news items, many being the announcement of a line opening. Some references are not actually the name of a railroad such as the Gainesville RR in 1855 listing. I do not know what actually was its name. Also, some names are just wrong.

It was difficult to read some of the page numbers, and some are incorrect. If you ask for a printout of a page, tell the historical society to check the page number in their volume, and then for the given page that the article is on that page. An x means that I could not guess at what the number was. Hopefully the original copy can be read.

The *Railroad Gazette,* which appeared in 1870, evidently took many subscribers from the *Record.* It discontinued in 1872, and did not produce an index for that year. I therefore could not index it. The 1867 volume did not have the index bound with it. As I could not see that volume, it is not indexed. Many railroads appearing in either 1866 or 1868 also appeared in 1867 so that the volume should be checked for at least those railroads.

Some railroads were listed one way and at other times with the name reversed so that different combinations of the name need to be checked. For instance Grand Rapids & Indiana RR also appeared as Indiana & Grand Rapids RR and the Pittsburgh, Fort Wayne & Chicago also appeared as Chicago Fort Wayne & Pittsburgh, Pittsburgh & Fort Wayne RR and Fort Wayne Pittsburgh & Chicago. Presumably they are the same railroad, but they may not be.

I indexed the year / page number. An x in the number means that I could not read it.

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RAILWAY AGE 1901-1908

Originated June 17, 1876 in Chicago as a weekly, but extremely few copies of the early years survive whereas other competing magazines do survive in greater numbers. Unlike other weeklies, which had two volumes per year, *Railway Age* had only one volume. On September 19, 1891 it acquired the *Northwestern Railroader*. and carried the combined name until May 3, 1901. *Railroad Gazette* bought the magazine in May 1908 and combined it June 5, 1908 as the *Railroad Age Gazette,* and moved it to New York City. It carried much information that also appeared in *Railroad Record,* published also in Chicago, the *Rail-road Gazette* and the *American Railroad Journal* .

The *Northwestern Railroader,* April 1887 to Sept. 1891, published in Minneapolis, has copies preserved at the Minnesota Historical Society. I did not index.

Early issues were mostly current news items of a paragraph or two and annual reports issued by railroads to the magazine. There were no feature articles until the late 1880s or early 1890s nor did it carry information on locomotives and cars for many years. In the late 1890s they began to appear, but they also usually appeared in one to three other magazines. Until the early 1890s it had very little foreign material.

For several years beginning in 1881 all the railroad patents including drawings were published

After the first year or two the magazine produced an annual index. Unfortunately it was not complete. It indexed editorial articles and news items in the several departments, but other news items, usually a paragraph or two, were not indexed, and so cannot be found except by looking at each page. My indexing of these items is erratic. When I inadvertently indexed six months of the magazine a second time, I found that I did not index some items that I had the first time and vice versa. Whether the *American Railroad Journal* or the *Railroad Gazette* also carried most of these items where I might have indexed them I do not know. I regret my inconsistency.

I reproduced the index of News items and have included their page numbers in this index. Most of the items are probably of no consequence and many also appeared in *Railroad Gazette.*

Beginning in the second half of 1901 an excellent consolidated index was begun which indicated which items were financial, incorporations, construction, new equipment and dividends. I indexed construction and incorporations. The index included all the references to car and locomotive builders and other suppliers. Unfortunately several subjects such as accidents besides being listed under that subject were not also cross referenced to the particular railroad. I did not index items marked financial. Most are income/expense reports better given in *Poors Manuals*. However some are financial reorganizations (bankruptcies or as they were called in the 1800s *embarrassments)*) It is suggested that if you know your railroad of interest went bankrupt that you check the index of the appropriate volumes for possible items. The *Commercial and Financial Chronicle* also has them.

Some of the names are not railroads as the index did not put RR after the names. They may be place names. Some names are incorrect. Two different names are actually the same railroad. Check for similar names such as Utica and Southern being also listed as Utica and Southeastern. Page numbers may be wrong because I could not read the magazine's index correctly. Where I believe the same railroad had an error in its name I have written the alternate name in brackets.

News items I began indexing with 1878, but could not do 1877 and 1879. 1878 had more than 150 narrow gauge railroads formed. 1877 probably had as many. Relatively few were built.

I indexed date of issue (month-day-year)/page number but for News items I substitute 1H and 2H for first and second half of the year. Some items on a railroad may not be in chronological order.

The number 4 sometimes looked like a 1 and vice versa and so if an item is not found check the other number Also 0 and 9 could be confused and sometimes a 6.

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Chicago & South Bend: 92/129, 412;
Chicago & South Side Rapid Transit: Congress St. sta. 6-10-92/447; Under construction 4-22-92/315; locos. delivered 5-6-92/355; Loco. #1 0-4-4T 9-9-92/710; 63rd St. double track bridge 9-23-92/742-743; Alley L - 61st St. yards 2-24-93/156-157; 2H-96/16, 235; News:: 88/45, 818; 92/376; 1H-04/210, 285, 774;
Chicago & Southeastern (Indiana): News: 1889/836; 1893/840; 1893/many; 1894/many; 2H-96/195, 214, 253; 1H-97/129; 2H-97/many; 1H-98/many; 2H-98/538, 686; 2H-99/many; 1H-00/60; 1H-01/many; 2H-02/many; 1H-03/38, 1003, 1044; 1H-04/912; 1881/515, 657; 91/357, 894; 92/many;
Chicago & Southern: 1878/many; 81/670;
Chicago & Southern Illinois: 1H-96/51, 78, 92; 2H-96/57, 76;
Chicago & Southwestern RR: Fraud 12-21-76/549; 1881/444;
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Chicago & Soutweastern Indiana: 1878/522, 605;
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Chicago & Texas: 1893/many; 2H-97/843; 1H-98/136, 267;
Chicago & Tomah: 1880/many;
Chicago & Wabash Valley: News: 2H-98/723; 2H-99/764; 1H-00/14; 2H-00/63, 212; 1H-01/16, 412; 2H-01/50, 766; 2H-03/82, 1123, 599; 2H-04/318; 1H-05/241H-06/110; 1H-07/24; 2H-07/164, 859;
Chicago & West Michigan RR: #177 and log train 11-4-98/809; Summer car 9-2-98/631; C. M. Heald, pres./ 8-5-98/545; Car #5053 2-25-98/139; #130 insp. loco. 7-10-96/30; 2H-97/987; News: 1889/many; 81/many; 82/many; 83/448, 779; 84//300, 364, 520; 1885/817; 86/many; 87/208, 262, 298; 88/384, 549; 89/many; 90/many; 91/many; 1895/256, 649; 1H-97/369, 386; 1H-98/305, 375, 393; 2H-98/523, 815, 869; 1H-99/many; 2H-99/944, 982;
Chicago & Western Indiana RR: Opening Dearborn Sta at Polk St 4-23-85/264; RR & Belt Ry. of Chicago 12-10-85/768-769; Stewart Ave crossing of 4 RRs at Canal & 16th St. 8-7-96/112-113, 128, 129; Crossing of St. Louis Air Line RR 16th St near Clark 8-14-96/127-128 & 5-28-97/440-442; #105 2-6-0 2-10-05/183-184; New yard for Dearborn Sta 2-17-05/217-221; Dearborn Sta. power house 2-24-05/242-246; Track elevation 3-24-05/386-394; 63rd St Sta. & 68th St 12-8-05/718-721; Track elevation 3-23-06/432-435; Loco. terminal 3-29-07/534-540;
News: 1889/146, 528, 852; 80/many; 81/many; 82/many; 83/many; 84590, 676; 1885/802; 87/244, 404, 444; 88/210, 723; 90/many; 91/many; 92/890; 1894/428; 1H-98/415; 2H-99/548; 1H-00/448; 1H-01/682; 2H-02/67; 2H-03/84; 2H-04/52; 1H-07/163, 650, 686;
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Chicago Anamosa & Northern: 2H-04/55, 838, 943; 1H-05/740; 1H-06/698, 839; 2H-06/269, 330;
Chicago Bellevue Cascade & Western RR: Described 1-15-80/25; 1878/533, 594, 641; 80/23;
Chicago Belt Line: 1880/440; 81/164; 83/many; 84/590;
Chicago Belt Transfer RR Formed 4-21-81/224; 1881/221;
Chicago Blue Island & Joliet: 1H-06/337, 803;
Chicago Bluffton & Cincinnati: 2H-96/471; 1H-97/57; 1H-98/156; 1H-99/285;
Chicago Burlington & Kansas City: 1880/391; 81/657; 82/many; 84/205, 577, 591; 87/677, 792; 91/921;
Chicago Burlington & Northern: News: 1889/146, 481; 1885/many; 86/many; 87/many; 90/32, 186; 91/316; 92/731, 696; 1895/296; 1H-99/363;
Chicago Burlington & Pacific: 1882/500, 389;
Chicago Burlington & Quincy RR: Aurora shops 5-8-79/219; Notes on a trip to California from Chicago 4-13-82/199 & 4-27-82/227-228 & 5-11-82/255 & 5-25-82/283-284 & 9-7-82/493-494 & 9-21-82/521; Air brake tests on train, extensive 5-13-87/326-329 & 6-3-87/377-378, 382-383; Engineer's strike (Of national importance). Not all items indexed 3-2-88/130, 133-134 & 3-9-88/147-148 & 3-16-88/163, 171-172, 179 & 4-13-88/233 & 7-20-88/465-466 & 7-27-88/474-475; Aftermath of strike 6-29-88/411; Sheep pens near Chicago 2-17-93/133-134; Aurora shop 3-10-93/197; Bellefontaine, Mo-Leavenworth bridge 1-26-94/49; #590 2-4-2 12-6-

95/605-606; Quincy bridge over Miss. Riv. 12-17-97/1012-1013; Omaha Stas old & new 9-30-98/714-715 & 6-20-99/404-405; New Denver (?) shops 12-14-00/471-473; Geo. B. Harris, pres. 2-22-01/135-136; Ownership change 5-3-01/477-478; La Grange & Riverside, Ia stas 6-14-01/655; Line relocation Creston to Murray, Ia 11-22-01/596-599; Relocation near Villisca in western Ia. 3-20-03/450-456; Sheridan, Wyo tie preservation plant 9-4-03/283-285; Concrete arch bridge at Plano, Il 12-11-03/816-817; Line revision Hastings to Pacific Jct. 11-18-04/720-721; Galesburg tie creosoting plant 5-8-08/666-670; Nap of proposed GN-NP-CBQ 11-1-01/502-50;

Equipment: Drwgs and tests of class A & M 4-4-0, class H 2-6-0 & #82 4-6-0 3-24-93/237-239; #1591 4-4-2 5-12-99/351; Dining car lighted by acetylene 11-22-01/605-606; Dining car L/o 9-1902/294; Cafe parlor car 10-17-02/397; Gondola 10-16-03/510-512; Gond. #81003 12-23-03/550-552; Diner #142 12-23-04/901-902; #1950 2-6-2 2-24-05/252; Dining car "Hannibal" and cafe smoker "St. Paul" 3-2-06/310-311;

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Chicago Central: 1889/714, 746; 91/297, 613, 616;

Chicago Cincinnati & Louisville: 1885/314; 1H-03/1003, 1129; 2H-03/178, 270; 1H-04/210, 170; 2H-04/93; 2H-05/many; 1H-06/many; 2H-06/366, 557; 1H-06/24;

Chicago City Ry: Constructing a cable Ry 9-29-81/554; Car #2501 3-1-01/165; !h-05192, 550, 581;

Chicago Clinton Dubuque & Minnesota: 1878/152, 601?; 80/many;

Chicago Covington & Southern: 1H-01/17, 72, 128;

Chicago Danville & St. Louis: 87/209, 551;

Chicago Danville & Vincennes: Foreclosed 12-14-76/529; 1878/179, 387, 557; 81/150; 82/many; 83/166;

Chicago Dayton & Cincinnati: 1889/513; 88/many;

Chicago Deforest & Eastern: 91/178, 357;

Chicago Dubuque & Omaha: 2H-99/899; 1H-00/36;

Chicago Dubuque & Pacific: 1H-01/435, 499, 612;

Chicago Elevated RRs: 1893/896; 6-28-95/311-312 (See also Metropolitan West side RR); Elevated Ry of R. C. Forsyth 44-13-88/240-241; Proposed terminal 3-4-92/180; Elevated terminals 92/184, 248, 358; 1883/597; 1H-05/loop 487

Chicago Elgin & Waukegan: Inc. 2H-02/445, 536;

Chicago Fairchild & Eau Claire River: 1883/524; 84/333; 85/747, 761; 95/488, 595; 1H-96/24;

Chicago Fort Madison & Des Moines: Ditcher and work train 6-25-97/521;

News: 90/many; 91/many; 92/many; 1895/72, 621; 1H-98/120; 2H-98559, 833; 1H-99/32, 35; 2H-00/104;

Chicago Fort Scott & Texas: 87/many;

Chicago Fox Lake & Geneva: 1H-00/571; 2H-07/627;

Chicago Freeport & Northwestern: 1882/28, 66, 178;

Chicago Freeport & Saint Paul: 1889/146; 81/428; 84/many; 1885/many;

Chicago Freeport & Sioux City: 1889/95, 161, 275;

Chicago Great Western RR: Minneapolis Sta. 9-9-92/705; RR & pres. Stickney 8-21-96/143-145 & 9-11-96/201, 203; #232 4-6-0 9-29-99/721; Oelwein shop 3-2-00/181-189; #264 2-6-2 4-11-02/618-620; Live stock rates and Pres. Stickney 8-15-02/159-161; Ft. Dodge bridge 3-20-03/457-462; Parlor obs. car #160? & smoker #112? 12-18-03/834-836; Winston tunnel near Dubuque relined 7-22-04/102-104; Wreck with Soo Line at St. Paul on 10-1-05, 10-13-05/454; Pres. Stickney on rate schedules 9-21-06/348-350; Competing lines 1-17-08/69-70; Grand Central Sta. at 5th & Hallsteads 7-5-90/466;

News: 92/many; 1893/many; 1895/132, 382, 416; 1H-96/50, 173, 197; 2H-96/437, 476; 1H-97/74, 165, 330; 2H-97/651, 759; 1H-98 to 2H-99/many each vol.; 1H-00/60, 512, 631; 2H-00 to 2H-03/many each year; 2H-04/284, 402; 1H-05/many; 2H-05/many; 1H-06/many; 2H-06/many; 1H-07/510, 586, 856; 2H-07/91, 896, 957; H-08/many;

Chicago Greenville & Southern: 92/many; 2H-00/278; 1H-02/99, 722; 1H-03/719;

Chicago Hammond & Western RR: #109 4-6-0 7-2-97/551; State Line interlocking near Hammond 1-21-98/47-49; Opened 1-22-97/64; News: 1H-96/222; 2H-96/57, 136, 309; 2H-97/684, 708, 744;

Chicago Hannibal & Saint Joseph: 1880/391, 404, 452;

Chicago Hannibal & Springfield: 1889/131, 261, 394; 87/many; 88/many; 90/530;

Chicago Harriman & South Atlantic: 92/868; 1893/122;

Chicago Heights & Northern: 1H-97/450; 2H-97/630;

Chicago Hinsdale & Southern: 87/860; 88/90;

Chicago Indiana & Eastern: News: 1893/many; 1894/498; 1895/many; 1H-96/51; 2H-96/235; 1H-97/367, 528; 2H-97/590, 1055; 1H-98/156; 2H-98/556, 722; 1H-99/412; 2H-99/806, 898; 1H-00/76, 468, 622; 2H-00/41, 172, 417; 1H-02/295; 1H-03/778, 811; 2H-03/112; 1H-04/137, 175, 1090; 2H-04/443, 701; 2H-05/180, 271; 1H-06/700; 1H-07/many;

Chicago Indiana & Ohio: 182/617, 695;

Chicago Indiana & Southern: 1H-06/666; 2H-06/657; 1H-07/882; 2H-07/27;

Chicago Indianapolis & Chattanooga Southern: 92/many; 1894/288, 668;1895/many; 1H-96/320, 333; 2H-97/593, 843; 91/812, 961;

Chicago Indianapolis & Evansville: 2H-05/432, 467; 1H-06/31, 110, 698; 1H-07/885; 2H-07/59, 516, 626;

Chicago Indianapolis & Louisville RR: Cedar Lake, Ind. improvements 10-22-97/872-873; Lafayette, Ind. back shop 4-22-98/276; Parlor car & coach 5-16-02/775; Sell to Sou RR and L&N RR 5-23-02/793-794;

News: 1H-97/290, 513; 2H-97/many; 2H-98/685, 725; 1H-99/139, 327; 2H-99/many; 2H-00/many; 2H-01/359, 611, 497; 1H-02/793, 963; 1H-03/many; 2H-03/380, 26, 787; 1H-04/28; 2H-04/875, 483; 2H-05/many; 2H-06/629, 695; 1H-07/1199, 1227; 2H-07/444;

Chicago Indianapolis & St. Louis Short Line: Inc. 1H-03/166; 1H-04/32;

Chicago Iowa & Dakota: News: 1882/601, 727; 83/470, 748; 84/13, 590; 94/345, 543, 556; 21895/382; 2H-98/523, 884; 1H-99/101; 2H-99/529; 1H-00/622; 1H-02/63;

Chicago Iowa & Kansas: 1883/489, 647; 84/775;

Chicago Iowa & Minnesota: 1895/many;

Chicago Iowa & Pacific: 90/705, 737;

Chicago Jefferson City & Pacific: 2H-00/395, 417;

Chicago Jefferson City Girard & El Paso: 87/491, 890;

Chicago Jefferson City Girard & Pacific: 87/101, 155;

Chicago Joliet & Kansas City: 2H-06/216, 489;

Chicago Joliet & Western: 1893/204; 1H-97/407;

Chicago Junction RR: Inc.2H-02/601;1H-03/664, 714; 1H-07/1230; 2H-07/518;

Chicago Junction Ry: & Union Stock Yards Co. Moveable bridge over Chicago ship canal 5-25-00/526-528; News: 90/512, 529, 756; 2H-97/1006; 1H-98/89, 233, 305; 1H-00/146, 358; 1H-02/130; 1H-03/143; 2H-04/403; 1H or 2H-06/?; 1H-07/259, 886; 1H-08/130, 320, 486;

Chicago Kalamazoo & Hastings: 1884/445, 788;

Chicago Kalamazoo & Saginaw: News: 1889/309, 660, 678; 84/77, 633, 775; 87/496, 779, 843; 91/317; 2H-00/520; 1H-01/373, 498, 522; 2H-01/390; !h-06/170; 1H-07/26;

Chicago Kansas & Arkansas: 87/many; 88/90, 223; 1895/72;

Chicago Kansas & Nebraska: 1886/many; 87/many; 90/many; 91/many;

Chicago Kansas & Southwestern: 87/461, 515, 551; 88/60, 109;

Chicago Kansas & Western: 87/83; 88/91; 1885/762;

Chicago Kansas City & Omaha: 1889/147; 88/178, 613;

Chicago Kansas City & Texas: News: 1889/many; 87/many; 90/686, 737, 865; 91/many; 92/990; 1893/123, 687;

Chicago Keokuk & Kansas City: 1881/529, 643;

Chicago Keokuk & Southwestern: 92/12, 87;

Chicago Lake Geneva & Pacific: 1889/852; 87/66; 90/many; 91/277, 357;

Chicago Lake Shore & Eastern RR: Employees and loco. #49 10-9-96/3; Calumet river swing bridge 5-7-97/376-377; Box car #7508 covered with sheet iron on #7532 6-13-96/313;

News: 1895/197, 502; 1H-96/many; 2H-96/519; 1H-97/386; 1H-07/586, 820; 1H-08/29;

Chicago Lodi & South Eastern: 88/92, 155, 335;

Chicago Madison & Northern RR: RR crossing at Ash St, Chicago L/O & signals 11-22-89/776-778; News: 1889/130, 627; 88/75, 208, 269, 435; 92/11; 86/many;

Chicago Michigan & Indiana: 1H-03/1044, 1130;

Chicago Michigan & Lake Shore: 1878/279, 435, 593;

Chicago Milwaukee & Gary: 1H-08/352, 613;

Chicago Milwaukee & Northwestern: 1881/178, 235;

Chicago Milwaukee & St. Paul RR: 10-5-76/326; Alexander Mitchell, pres. biography 2-3-81/60; Wis. Central "war" 2-5-85/83; Milwaukee Sta. 12-17-85/786; Alex Mitchell, pres. obit 4-22-87/272; Kansas City bridge 9-23-87/673; Skips dividend 9-28-88/618; Abandons 22 miles Emmetsburgh to Estherville, Ia. 8-16-89/533; Roswell Miller, pres. bio 12-20-89/848; Iowa storm damage at N. McGregor, tornado 6-6-96/297; RR crossing by street ry at Chicago 12-25-96/514-515; Minneapolis sta. 11-19-97/946-947; "Pioneer Ltd" to St. Paul 5-13-98/335 & 5-20-98/349; Track elevation in Lincoln Ave area of Chicago 10-14-98/750-751; Minneapolis sta. 7-14-99/518-519; Albert J. Earling, pres. 9-29-99/717; Bascule bridge over Chicago River near Clybourne 2-16-00/140-143; Signals operated by electro gas semaphores tested 11-18-00/384-385; Minneapolis bridge 1-3-02/21-23; Bridge over Ogden canal, Chicago 3-7-02/290-291; LaCrosse bridge replaced 7-11-02/39-43; Signaling at Milwaukee sta. 7-3-03/15-17; Western Ave., Chicago track L/O & signals 5-11-06/786-787; Pacific coast extension 12-14-06/738-739; Mobridge, SD Mo. Riv. bridge 3-22-07/385-392; Chicago general office bldg 8-2-90/541;

Equipment: Compound loco. tests 6-24-92/1-18; J. N. Barr design of car vestibule 9-23-92/745-748; #838 4-4-2 7-24-96/73; #814 with Perkins water tube boiler 10-16-96/311-312; Parlor cars "Wocena and Sparta" 6-29-00/638; 30 ton box car 1-17-02/77-78; Overland Ltd" parlor obs. car 12-2-04/793; 4-6-2 3-17-05/342-344; 50 ton derrick car 3-13-08/334-336;

News: 1880-1892 / many each year; 1893/164, 385, 422;1894/many; 1895/many; 1H-96/50, 92, 148; 1H-97/369; 2H-97 to 1H-08 /many each year;
Chicago Milwaukee & St. Paul of Montana: Inc 2H-05/807; 1H-06/112, 943;
Chicago Montello & Northwestern: 2H-96/335; 1H-97/36;
Chicago Mount Vernon & Southern: 1881/529, 711;
Chicago Nebraska Kansas City & South-Western: 1885/285, 445, 635;
Chicago New York Electric Air line Ry 7-13-06/39-40 & 7-27-06/107; 2H-06/many;
Chicago Northern: Inc.2H-02/ 214, 268; 1H-03/622; 2H-03/825;
Chicago Omaha & Southwestern: 87/426, 480;
Chicago Oquawka & Kansas City (Short Line): 87/66, 404; 88/384, 435;
Chicago Paducah & Memphis: 1893/923; 1894/many; 1895/many; 2H-96/117, 478, 500; 1H-97/74;
Chicago Paducah & Southeastern: 2H-99/807, 937;
Chicago Park & Transfer: 1880/10, 164;
Chicago Parkersburg & Norfolk: 1889/309; 1885/605;
Chicago Pekin & Saint Louis: 1881/165, 207;
Chicago Pekin & Southwestern: News: 1880/365, 554; 81/many; 82/146; 83/646; 84/46; 1885/816; 92/448; 1894/146; 2H-97/553, 1017; 2H-99/687;
Chicago Peoria & Saint Louis RR: Bankrupt 2-22-96/98-99; News: 1889/480, 512; 87/119, 136; 90/158; 91/411?, 509; 1893/718, 734, 813; 1894/many; 1895/many; 1H-96/64, 78, 92; 1H-97/313; 1H-98/35, 339?; 2H-98/523, 923; 1H-99/309, 381; 2H-99/many; 1H-00/many; 2H-00/174, 502; 2H-06/66, 94, 542; 1H-07/163, 295; 2H-07/29, 896, 957;
Chicago Peoria & Western: 2H-98/557, 628;
Chicago Portage & Lake Superior: 1882/many; 85/10;
Chicago Portage & Northern Pacific: 1881/80, 396;
Chicago Portage & Superior: 1881/many; 82/600?; 83/52; 84/492;
Chicago Portland & Wabash: 90/318, 386;
Chicago River Forest & Western: 2H-00/42, 63;
Chicago Rock Island & Gulf: 1H-02/818, 875; 1H-03/747; 2H-03/638, 786; 1H-06/803; 2H-06/many; 1H-07/584; 2H-07/59, 442, 816;
Chicago Rock Island & Kansas City: 1883/many;
Chicago Rock Island & Mexico: 2H-00/481; 2H-01/641;
Chicago Rock Island & Pacific RR: Chicago shops 3-25-80/157; Train robbery 7-21-81/413; Unusual train wreck kills 7 10-11-89/664; Lincoln, Neb. sta. 10-28-92/839; 1856 train service poster 2-29-96/111; 40th St. jct with LS&MS and Union Stock Yds & Transit Co 10-30-96/348 New Davcenport, Ia Miss. Riv. bridge 11-27-96/427-428; Englewood Sta. 5-20-98/348-349; R. R. Cable, pres. 6-3-98/381; 63rd St. elevation 10-21-98/772-773; Growth 6-14-01/619-620; La Salle St. sta Chicago 6-14-01/624-625; New line to El Paso, new line Liberal Ks to Carrzozo & connect with El Paso & N.E.RR 11--8-01/526-528; Viaduct over Canadian Riv, N.M. 12-6-01/658-660; Wm. B. Leeds, pres. 12-27-01/749; La Salle St. Sta. 12-27-01/753; New La Salle St. Sta. 3-20-03/427-437; East Moline shop 8-21-03/219, 228-231+insert & 2-26-04/302-311; Silvis, Il. coaling sta. 3-2-06/332; Cedar Rapids transfer sta. 10-19-06/477-478; Telephone net work 1-10-08/41-42;
Equipment: #1101 4-4-0 5-30-96/#1102 4-4-0 10-23-96/324; 1100 class 40-4-0 with electric headlight 4-21-99/297; #1511 4-6-0 6-20-02/916; Stock car #75916 11-24-05/660-661; Ganz steam motor car 3-29-07/543; #1720 2-8-0 6-28-02/1222-1223; #1799 2-8-0 12-13-07/833-835; Roller bearings for frt.. cars 7-22-87/507
News: 1878 - 1891 /many each year; 1893/many; 1894/many; 1895/381, 544; 2H-97 to 1H-08 /many each year;
Chicago Rock Island & Texas: News: 92/886, 587, 609; 1893/182, 687; 1894/56; 2H-98/484; 1H-99/309; 1H-00/424; 1H-02/many; 2H-02/many; 1H-03/751, 780; 2H-03/31;
Chicago Rockford & Northern: 1878/199; 80/many; 81/many;
Chicago Saginaw & Canada: 1878/423, 533; 83/278;
Chicago Saint Louis & Fort Scott: 1882/486; 84/285;
Chicago Saint Louis & Nashville: 1885/333, 413;
Chicago Saint Louis & New Orleans: 1880/many; 81/many; 82/277, 515, 743; 83/24;
Chicago Saint Louis & Pacific: 1885/803; RR crossing at Ash St, Chicago L/O & signals 11-22-89/776-778;
Chicago Saint Louis & Paducah: 87/405; 88/384, 818;
Chicago Saint Louis & Pittsburgh: 90/many; 1883/many; 86/many;
Chicago Saint Louis & Texas Air Line: 1H-97/346, 450, 528; 2H-97/651, 720, 966;2H-98/740;
Chicago Saint Louis & Western: 1883/470, 632; 84/156, 761; 85/many;
Chicago Saint Louis Memphis & New Orleans: 2H-03/185, 391;
Chicago Saint Paul & Kansas: 87/551, 568; 88/90;
Chicago Saint Paul & Kansas City: News: 1889/many; 1886-90/many; each year; 91/35, 97, 942; 92/many; 1893/703;
Chicago Saint Paul Minneapolis & Omaha RR: Itasca, Wis bldg 1-1-97/7; Box car #21462 11-10-99/851; St. Paul shops 8-22-02/182-186; News: 1880-91/many each year; 92/928, 948; 1893/many; 1894/24, 413, 697; 1895/256, 297; 1H-97/165; 1H-98/159, 433; 1H-99/many; 2H-99/many; 1H-00/604; 1H-01/412, 522; 1H-02/many; 2H-02/536, 662; 1H-03/many; 1H-08/480, 779, 547; 2H-03/149; 1H-04/71, 107, 729; 2H-0 to 42H--07/many each year;
Chicago Saint Paul Nebraska & Kansas: 88/110;
Chicago Santa Fe & California RR: To build San Francisco to Chicago 12-16-86/690-691; Rr crossing at Ash St, Chicago L/O & signals 11-22-89/776-778; 87/many; 88/28, 513, 787;
Chicago Short Line: 2H-00/481; 1H-01/128; 2H-02/140;
Chicago Sioux City & Bismarck: 1893/734, 812, 840;
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Chicago Southern: Inc 2H-04/482; 2H-05/many; 1H-06/69, 839; 2H-06/428, 456; 1H-07/129; 2H-07/many;
Chicago Springfield & St. Louis: 1883/many; 85/284, 492, 676; 1H-00/339;
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F. W. Adams: Streamlined windsplitter train 1-27-93/69 proposed and 6-15-00/585-596 built
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Westinghouse Air Brake Co. plant and office at Wilmerding 8-6-97/644-646
Widdefield & Button brake design for loco. and tender 9-10-85/592 & 10-8-85/652

CARS, PASSENGER

Ambulance, hospital & funeral car design of Stewart L. McCurdy 8-1-91/604;
Chapel cars, Baptist 6-27-91/506;
Coach: With all side doors invented by J. P. Tillson, Peru, Ind. 5-26-93/419
Dining cars: Dining car versus eating houses 7-17-84/451-452, 454; As an investment 5-12-93/374-375; First(?) 1885 5-28-85/339
Double deck suburban car designed by Harold M. Plaused 9-5-91/693;
Mono-rail: Fish's bicycle car 5-9-91/373;
R.P.O. Car interior 10-20-93/776; Mail catcher and crane 9-29-99/726
Sleepers: Luce & Morrison's patent of 1859 & McNeill's 1859 patent & Danners sleeping car seat of 1859 & Pullman first patent 1864 & revised 1865 in an issue between May and Oct. 1893. Check magazines index; Tourist sleepers 3-23-94/165-166; All compartment car 4-21-93/319; First all steel car "Jamestown" 4-19-07/636-637; tourist sleeper run Boston to Los Angeles 11-26-97/955; Forney's safe depository 2-21-91/152;
Streamline cars of F. W. Adams 1-27-03/69 proposed design & 6-15-00/585-586
Street cars: Edco storage battery car 4-25-91/329-331; First side entrance car by J. G. Brill Co for Lindell Ry. 8-29-91/683; Pullman Co. double deck car 10-16-91/799;

CARS. SELF PROPELLED

Kobusch-Wagenhais steam car built by St. Louis Car Co 9-28-06/384-385
Steam cars 8-3-06/134
Stover gas rail bus 11-22-07/750
Strang gas electric car "Irene" 4-17-08/568-569; Car "Ogerilta" 2-23-06/284-285; 2H-06/284, 356;
Edco storage battery street car 4-25-91/329-331;

CARS, FREIGHT

Steel cars: box 1-29-92/92; box, flat & hopper cars 6-13-96/312-314;
Box car for coal and grain Mackall design 2-23-94/117; "Handy" type 2-1-01/86; F. L. Joy design 11-9-88/727
Box cars: All steel, editorial 4-12-07/602-603; Caswell dump car #107 1-30-03/174-175; for carriages L. Gesenkamp Sons & Co. #320 4-20-00/415; Harvey steel car 7-18-91/560
Box-stock & coal car 2-22-93/94
Cattle cars: See Stock cars
Coal car, tram size of John McMyler Co of Cleveland 10-22-85/680-681
Coke: Goodwin car #7150A 12-7-00/460 & 8-22-02/198; Sonder Coke Car 5-22-03/892-894
Cylinder car: Prosser's twin cylinder car 3-6-79/111 & 3-20-79/136-137 impractical & 30-4-80/118; Geo. E. Ely cylinder grain car 4-8-80/189;
Drop center cars: Gen. El. Co. car #10003 2-23-06/304
Flat car: 3 truck car 7-22-80/393;
Gondola: Summers Steel car Co #4002 4-3-03/685
Hopper car: Canda wood 50 ton car 12-22-99/956-957; Sterlingworth Ry Supply Co (Easton, Pa.) #71001 1-11-01/32-33; Weldman-Street Co patented car #1 7-31-03/137
Molasses car (instead of shipping in barrels) 4-19-95/195
Poultry cars, live : Live Poultry Transportation Co car #126 12-27-89/864-865 & 11-4-92/863; 11-9-06/589
Refrigerator Car: Lorenz car #121 (Hamilton, Oh) 3-21-96/159; United States Car Co. 12-1-93/865-867
Stock car: A. C. Mather's design 7-28-81/433; Hick's car 5-31-90/379; Canda cattle car #57 6-7-89/379-380;
Tank: Various types 7-10-03/38-42; Harvey steel tank 1-6-93/9 & 1-20-93/53;
Special Cars: Esterbrook, T. S. (St. Louis) special car of barrel type with gondola body fitted inside for bulk or merchandise frt. 11-13-96/392-393

CARS (EQUIPMENT) , NON REVENUE

Caboose & Repair car of Goodwin Car Co. 4-12-01/432
Dump: Beckert & Ludlow side dump car 12-13-83/798; Thacher 4 wheel dump 12-2-92/943; Summa Universal Co car 2-7-08/202-204; King Larsem & foreign 12-28-06/826-830; H. T. Herr designed ore dump car 10-12-06/446-447; Godwin Dump Car Co. 10-9-96/292-293 & 12-25-96/518-519; Roger

ballast car 1-19-94.37-38; & car #012001 9-20-01/272-275; Roger ballast car 1-13-93/30? Ingoldsby dump 7-26-01/68-69; Hart convertible dump 9-12-02/274-275; King Lawson dump car #1 11-11-04/704-706; Trapp's 4 wheel pneumatic dump 3-23-94/172-173 & 9-28-94/555; Caswell dump car 8-25-99/630-631; Peteler 4 wheel side dump car 5 yards 4-5-90/246;
Excavator steam shovel, Osgood Co. 1-3-84/17
Stone breaking cars 5-5-93/363
Weeding car of E. W. Appleton (Clermont, Ia) 11-20-96/416-417
Snow plows: Hawley steam vertical screw plow 6-21-83/367; Snow melter of C. G. Cross 10-14-80/537; List of 38 rotaries in use in 1889 5-10-89/306; Kygger steam snow shovel 9-13-89/602; Rotary steam built by Cooke 4-30-85/286; Leslie rotary 4-27-88/271-273 & 12-7-88/791; Cyclone plow 12-21-88/822-823; Jull plow trial 8-23-89/558 & 3-29-89/214; Cyclone Steam plow 5-17-89/326-328; Russell wedge plow 5-19-93/395; Leslie rotary 12-25-91/1003-1004; Jull snow plow 5-24-90/362-364; Vulcan Iron Wks cyclone snow plow 2-22-90/128-129; Russell Co. 2H-01/446; Russell Co 1H-02/724; & 2H-02/380;
Electric locomotive and crane car built by Bullock Electric Mfg. Co. 2-22-01/151

CARS, TRACK INSPECTION & SECTION
Bicycle attachment for RR use 10-12-00/301
Buda Co.: 3 wheel velocipede 9-4-96/143 & 4-10-98/520
Fairbanks Morse & Co:; Buys Sheffield. 3 wheel gas car 2-17-99/121 & 3-10-99/176; car of various types 3-24-05/522-523; gas. insp. car 11-29-07/785
Kalamazoo RR Velocipede & Car Co: Hand cars: 3-23-88/195; hand car 3-25-92/249-250; 2 seater, 3 wheel car 4-22-92/326; Bicycle for RR use 2-22-95/95; gasoline insp. car 6-14-95/295; Steam inspection car 7-26-90/526;
Light Inspection Car Co: (Haberstown, Md) Insp. car 8-20-02/220
Railway Cycle Mfg. Co: Hartley inspection car 3-29-95/157; Two section bicycle insp. vehicle 9-4-96/187; one seater 4 wheel bicycle 7-2-97/553
Roberts, Throp & Co hand car 9-4-96/194; Hand car with pressed steel wheels 9-8-99/667
Sheffield Velocipede Car Co: 3 wheel velocipede 10-14-80/541; Hand car 11-11-87/797-798; 3 wheel gasoline velocipede 5-23-96/279
Stover Motor Car Co (Freeport, il) Gas insp. car 8-23-07/271-272; 12 pass. inspection car 2-7-08/204

CAR COMPONENTS
Bearings: Levi H. Montross, Simcoe, Ont. anti friction car axle boxing (predecessor of roller bearings) 3-4-80/129Roller for frt. cars design of W. S. Sharpneck 7-22-87/507
Couplers: Charles O. Barnes frt. car coupler 12-11-84/758; Ames automatic coupler 9-12-78/458; Jenning 7-29-92/590;
Heating: S. C. Wiser plan to heat with steam from loc. 7-15-86/387Martin heater with Baker coils tested 10-28-69/716; Safety Car Htg & Ltg Co: car heater 5-13-87/337-338; MacPherson car heater and fire extinguisher 5-6-87/322; 2 coil heater 9-25-91/740;
Lighting: Pintsch gas 2-7-78/80
Seats: Rattan and plush car seats 11-30-88/774 Emmert design seat 3-30-88/210-211
Trucks: Cloud steel diamond design 7-28-99/562-563; Kindl design 8-20-97/689; Sterling Ry. Supply Co. trucks 4-14-99/288-289 & 4-21-99/306
Vestibules: Sleepers: cars 12-16-87/864, 865; first for going to dining car Pa. RR 4-22-87/277-278; J. N. Barr vestibule on Mil. RR 9-23-92/745-746; Pullman tender vestibule 12-8-93/879; First on Naugatuck RR in 1855 or 1856 1-27-88/52-53; Pullman and Wagner dispute on vestibules 3-2-88/129; First vestibule cars (1855) Atwood's design 12-11-91/964;
Wheels - Allen Paper Car Wheel Co. wheel for pass. cars 3-19-85/191-192;

CAR BUILDERS AND LEASING COMPANIES
Note: Many builders had News items not indexed. You need to look at the index of each volume. I have no idea what the items concern.
Canada Car Co: 1H-02/250;
Caswell Car Co: 2H-02/242, 476;
Catawissa Car & Fdry: 2H-02/23;
Consolidated Rolling Stock Co: 87/26;
Danville (IL) Car Co - flat car ,mfr. 8-23-07/273-274; 1H-08/617, 165
General Electric Co: Street car #3 tested for alternating current 8-26-04/266-270;
Georgia Car Co: 1H-08/715;
Harlen & Hollingsworth Co: 1H-02/661, 878; 1H-06/362, 910;1H-08/131, 488. Other volumes probably have items.
Hicks & Co., F. M.: Business car 9-9-04/359-360
Hicks Loco. & Car Works (Chicago Heights, IL) 7-6-06/33-35; 11-7-02/508-510; 1H-07/many; 2H-07/many; 1H-08/many
Housatonic Rolling Stock Co: 89/62;
Illinois Car & Equipment Co shops at 138th St Chicago 5-4-00/470-471;1H-08/29;
J. G. Brill Co: Electric loco - crane car 3-23-00/331; 2 story transfer table 7-4-02/26
Jackson & Sharpe: Car Wks 7-28-81/434; 1H-02/761;
John Stephenson car bldr car #1904 interurban with 6 wheel trucks 10-21-04/607
King Lawson Car Co.:1H-08/440;
Koppel, Arthur, Co: 2H-06/430, 767; also probably other volumes
Krehbel Palace Car sleeper 10-21-92/824-825
Laconia Car Co: 1H-06/many: Other volumes have items.
Lenoir Car Wks: 1H-06/701. Other volumes probably have items.
Lima Loco. & Mach. Co. : Gondola#10611-11-98/831
Manns Boudoir Car Co: 1884/31888/674, 706;
Memphis Car & Fdry Co 11-30-94/679
Merchant's Despatch Transportation Co Rochester shop 7-9-97/566-567
Middletown Car Works; Dump cars 12-28-06/826-830; Other issues may have items. See their indexes.
Milwaukee Car Mfg. Co: 1H-08/200;
Mount Vernon Car Mfg. Co:1H-06/many; 1H-07/many; 1H-08/165, 166; Other volumes may have items.
Niles Car & Mfg. Co. 12-20-01/729
Owensboro Palace Car Co: Inc. 2H-03/676;
Pease Car & Loco. Wks (Hedgewick, IL) 11-14-02/542-543
Pressed Steel Car Co 2-24-99/141; News: 2H-01/many; 1H-08/many; 1H-02/many; 2H-02/many; 1H-03/many; 2H-03/many; 1H-06/many; Other volumes have items
Pullman Co: 2H-97/871, 880; 2H-98/488, 780; 2H-99/790, 812, 924; 1H-00/20, 472; 2H-00/356; 1H-01/434; 1H-08/132; 1H-02/many; 2H-02/many; 2H-03/many; 1H-04/60, 285; 2H-04/many; 1H-05509, 776, 887; 2H-05/538, 674; 2H-06/many ; 2H-07/many; Other issues may have items. See their indexes.
Pullman Palace Car Co: Proposed Chicago shops 4-8-80/183 & Chicago Wks 5-12-81/261; New city of Pullman, Il 3-10-81/135; "Superb" sleeper 11-15-89/759; New city & properties 10-18-89/682 & 10-25-89/698; Stocks rise 2-22-89/119; Strike at Chicago complex 5-18-94/282 & 7-13-94/389, 393-395 & 7-20-94/403-405, 407-408 & 7-27-94/417, 421-422 & 8-10-94/445, 450 & 8-24-94/477-478 & 8-31-94/488-493; Double deck street car 10-16-91/799' Dispute with Wagner on vestibule design 3-2-88/129 car exhibit at Chicago World's Fair 10-20-93/773-776; Exhibit at St. Louis Expo 5-27-04/1002-1003: News 1878/510; 80/311; 1893/many1881/many; 82/many; 83/194, 292; 84/many; 85/many; 86/many; 87/388, 746; 88- 91/many each year; 92/33, 323;
Pullman Southern Car Co: 1878/77;
Ralston Car Wks: 2H-05/many; 1H-06/35, 172, 329; 1H-08/550; Other volumes have items portably
Rodger Ballast Car Co: 1H-08/615 Other issues may have items. See their indexes.
Ryan Car Co: 1H-08/751; Other issues may have items. See their indexes.
Seattle Car Mfg. Co.: 2H-07/270,n 558, 899; Other volumes probably had items.
South Atlantic Car & Mfg. Co: 2H-07/many; 1H-08/259; Other issues may have items. See their indexes.
South Baltimore Steel Car & Fdry Co: 2H-07/94, 630, 743; 1H-08/259, 488, 549; Other issues may have items. See their indexes.
Southern Pullman Palace Car Co: 1883/714
Standard Steel Car Co: 1H-08/292, 488, 750; Other volumes probably had items.
Union Palace Car Co. formed to acquire Mann and Woodruff cars 11-2-88/712; 88/707, 723; 89/78;
United States Rolling Stock Co: 1883/81; 88/594; 90/154;
Wagner Palace Car Co 1881/740; 82/304; 88/287, 366, 513; 89/many; 90/many; 91/76, 963; growth 2-4-87/75; To merge with Pullman 10-27-99/791-792 Dispute with Pullman on vestibule design 3-2-88/129; 1880/311;
Wason Mfg. Co: Plant pix 1-2-79/11;
Westinghouse Electric & Mfg. Co: Platform battery operated car for carrying plant loads 2-17-05/215
Woodruff Sleeping & Parlor Car Co. 2-26-85/137; Merge with Mann Boudoir Co 11-2-88/712; 88/706; 82/374; 83/ See vol's index; 84/12'

COMPETITION
Ship subsidy bill 12-14-00/465
Steam competition by ocean and river 7-30-97/616
Electric street railways 9-28-94/545-546; 12-14-94/699
Waterway proposed Lake Erie to Lake Michigan 11-16-94/646-647 & 11-23-94/660-661 & 11-30-94/674-675 & 12-7-94/687-688 & 12-28-94/730-731

EMPLOYEES
Brakemen: Hazardous life 2-18-86/86;
Clain Agent duties 4-28-93/331-332;
Conductors, Pullman: Pay and penalties 4-8-86/190
Porters: Pullman wages and need for tips 4-8-86/190 & 7-30-85/488; Sleeping car porters union 2H-03/206;
Tourist guide chaperones for RR organized tours 3-2-88/138
Discipline: Brown System 2-19-97/139-140
Labor unions: American Ry. Union and train wrecking 1-98/55, 107
Liquor and temperance 8-5-87/540-541
Penbsions: The need for 11-13-79/542;
Railroad companies and their employees: 2-17-93/?; 8-24-94/473-474 & 9-14-94/519-520 & 10-5-94/559-560, 562-563 & 11-9-94/631-632v & 12-14-94/701-702;
Relief Societies: 5-6-80/244-245 & 6-3-80/290
Strikes: See also Unions: 1894 strikes issues had many articles on futility of striking. See individual magazines. Many strikes in 1886 but did not index.
Unions: Trial of Am. Ry. Union on a strike 9-28 & 8-27-85/546, 547; -94/547 & 1-11-95/19; Loco. Engineer's Brotherhood 10-21-87/72; Knights of Labor problems 11-19-85/724-725; Discrimination against labor unions held legal 1-31-08/147; American Ry. Union essence of strikes 8-31-94/488-493
Women In Ry service 1-17-78/32; clerks in main office 11-23-88/749

EXPRESS COMPANIES
Note: There are probably other entires I overlooked indexing plus News items of those listed below. See each volume's index. .
Adams Express Co: 1879/146; 1880/many; 84/718 91/805, 823;
American Express Co: 1880/440; 81/248

Erie & NewEngland Express Co: 1882/318;
National Express & Transportation Co: 1883/730
United States Express Co: 1883/452; 87/620; 88/222, 366, 530; 89/146; 90/152;
Wells Fargo Express Co: 88/192, 484; 89/196;

FINANCES
Note: Usually the first issue of every year in late 1880s-1900s had a list of all railroads and miles put into receivership and those foreclosed.
Foreclosures: 1876-1887 list of 1-6-88/2
Receiverships in 1893 - 71 new roads and 22 foreclosed 12-15-93/887-888 & 12-22-93/901-902 (list of 122 RRs going back to 1868
Receiverships in first quarter of 1885, list of 4-23-85
Watered stock 7-16-85/450, 452; 10-12-88/650; 8-31-88/554; Cost of building a RR and watered stock 9-30-87/684

GOVERNMENT INVOLVEMENT
Callom bill versus Reagan bill for govt. regulation 6-10-86/313-315 & 12-23-86/709-710 & 12-30-86/722-724 & much more in 1887.
Hepburn Act and RR coal properties 1-3-08/6-9
Elkins Bill to amend ICC Act 10-10-02/357-360
Government control of Rys: 4-14-93/291-292 & 4-21-93/311-313
Interstate Commerce Commission articles in 1887 being created not indexed. See the magazine.

LOCOMOTIVES
2-4-2 "Columbia" 6-16-93/479
4-4-4 camelback design (not built) 4-25-02/677
4-6-0 first high wheeled for pass. service (Mich. Central #527) 12-1-99/897
Compounds: An English "fad" versus simple engines 11-22-89/769; Full report on compound locos after tests 6-24-92/1-18; Decline in orders for this type 1-31-08/137-138; Simple vs. compound 6-2-93/429-431, 434-435; 4 cyl. 9-27-01/301; Vauclain compound 10-30-91/844;
Compressed air of H. K. Porter Co 11-29-95/590-591; Robert Hardie 's patent 11-11-81/644 & 12-1-81/683
Dummies: Baldwin steam dummy 3-14-78/147
Electric: Field's el.. loco. 8-19-80/439; Edison's loco. "Electromotive" 9-21-82/325; Edison's Menlo Park Ry acquired by Electric Ry Co and to be extended 5-17-83/277; General Electric high speed 4 wheel loco 7-21-93/570-571; Baldwin Westinghouse double truck 3-14-96/143;
English and American locos compared 10-7-86/550
Geared: Shay patent 7-28-81/431; Shay #450 at Chicago Worlds Fair 10-27-93/794-795
Mining, early electric 5-5-93/361
Pneumatic locomotives: See Compressed air.
Tramway locos: 8-10-76/167

LOCOMOTIVE UNUSUAL DESIGNS
Balanced Loco. & Engineering Co (N.Y.) 4-4-2 #`1 tested at Purdue 7-30-97/624-628
Bothwell Loco. Co. freak 8-2-07/156-157;
Fontaine : Fast time 11-2-82/607; 2 locos of this design sold to Lake Erie & Western RR and rbt to usual design 2-5-85/89 2-5-85/89
"Gilderfluke's lampoon of freak locos 12-10-97/10o2
Goodwin, Wm. F., freak loco. patent 8-10-82/447;
Harrison, Joseph, proposed freak of 1872 10-26-82/596
Holman loco tested on N.P.Ry 9-14-94/527
Hudson, Benjh. F. freak patent 4-6-82/194;
"James Toleman" design of Westwood & Winby 8-25-93/648
Monrail - Fish's loco. 3-7-91/190
Raub loco. patent 11-3-81/631
Strong Loco. Co: . #1 4-4-2 4-1-87/228-229; tested on LV RR 1-14-87/23; meeting of officers 6-17-87/429

LOCOMOTIVE COMPONENTS
Arches , brick, & extension front ends 6-20-88/420-423
Bell cord, origin (1840 on Erie RR) 8-31-88/560-561
Boilers: Belpaire design disadvantages 4-21-93/317l
Combustion chambers: 3-2-06/316-317
Draft gears About 10 types 6-28-01/707-708
Feedwater heater: J. B. Barner design 3-5-97/177
Fireboxes, wide single vs double door 6-2-05/841
Frames: Welding breaks 7-13-06/48-49
Fuel: Pulverized coal 11-2-06/550-551; Briquettes 2-9-06/212-213; coke 10-20-99/773-774; Oil 10-21-87/749
Headlights: Improved 10-10-78/506; Electric 2-26-92/162-163; Glazier Headlight Co. cylindrical light 1-11-95/23; Electric lights pros and cons 2-11-98/ ? & 10-6-99/739; Electric 5-4-00/462-463; Acetylene 10-18-01/442-443; Electric 11-22-01/602-604; Schroeder Headlight Co (Evansville, Ind) 3-54-97/176; Pyle electric light 3-5-97/201 & 3-12-97/212, 213; Electric headlight perfected 4-19-90/271;
Injectors: Metropolitan 12-2-92/944;
Lubricators: Baker's design 9-2-80/461
Stokers: Hayden design 11-8-07/647-648
Superheating: Pfaelz superheater in Germany 2-28-08/278-282; Schmidt 10-2-03/452-454; Schenectady design 9-2-04/304-306: Pielock design 9-9-04/334;
Traction increaser: 7-13-88/455
Trucks: Bettendorf cast frame 6-10-04/1096-1097
Valves: Poppet 8-10-06/178-179 & 9-14-06/316-317; Lewis design 3-23-94/171
Water scoops on tenders 10-28-92/843-844;

LOCOMOTIVE BUILDERS
Note: The News items I did not index. See individual indexes of each volume.
Baldwin Loco. History 5-13-86/256-257; Wks: Locos of all kinds illustrated 3-8-89/164-165; 70 years old 2-28-02/256-257; Philadelphia expansion 11-21-02/553-559; Vauclain compound 10-30-91/844;
Baldwin Westinghouse: Double truck electric loco. 3-14-96/143. See also LOCOMOTIVES
Climax Mfg. Co: 1H-06/many; It may also be in other volumes which I missed
Davenport Loco. Wks: 2H-04/95, 128, 358;1H-05/98; 1H-07/65, 335, 858; 2H-07/863, 899; 1H-08/440, 488, 646; Other issues may have items. See their indexes.
Dickson Loco Wks: 0-4-0T 3' gauge for India 6-3-98/391; 0-6-0T 3 1/2' gauge for Japan 6-10-98/407; Described 11-1-90/777-778;
East St. Louis Loco. & Machine Shop Co: 1H-07/262, 367, 758; Other issues may have items. See their indexes.
General Electric Co: Gas electric car 1-24-08/114-116; Elect. Loco. #7 11-30-06/686; Schenectady test track 4-9-97/305-306
Glover Machine Works: 1H-06/807: It is possible that other volumes had items.
Heisler: loco. 10-14-92/805; Loco. wks 3-24-99/210; 1H-07/824, 118
Jeffrey Mfg. Co: Electric mine locos 11-8-07/663
Locomotive & Machine Co of Montreal 11-18-04/724-726
Milwaukee Loco. & Mfg. Co : Vanguard gas. loco 2-21-08/234; Vanguard gas and alcohol contractor loco. 12-20-07/900; 2H-07/406; 1H-08/30, 355, 356; Other volumes probably had items.
Montreal Loco. Wks: 1H-08/132. Other volumes probably had items.
Porter, H. K.: 1H-07/722; Other issues may have items. See their indexes.
Schenectady Loco Wks 7-3-96/5-6
Stearns Co: See Heisler
Thomson Houston Motor Co: Switching loco. 7-8-92/527; 100 hp 0-4-0 frt. el. loco. 12-18-91/979;
Westinghouse Mfg. Co: Loco. #9, 110 tons 2 unit: 5-19-05/782 & 6-2-05/846-847

MISCELLANEOUS
Baggage wagons for stations 2-15-83/99
Bridges: Indexed by RR Bascule bridge at Blue Island, Ill, a very early one, 4-18-96/205; Disasters 11-20-79/554;
Crossing gates: automatic design of Reynolds 5-12-93/382-385
Expositions: Chicago Worlds Fair June-Nov. 1893 issues carried pixs of U.S. RRs and foreign; Atlanta Expo 10-11-95/494-495 & 10-18-95/510-511 & 10-25-95/525 & 12-27-95/644-645; Omaha Expo 9-16-98/656-657; Philadelphia National Export Expo 10-13-99/762; Pam American Expo, Buffalo, 8-2-01/86-88; 9-13-01/244-250 & 9-20-01/284-287; Louisiana Purchase Expo: 12-6-01/667-668; St. Louis Expo 2-19-04/258-260; Jamestown Expo 10-4-07/461-4654
Field Museum to be the museum of the world's railway with Pangborn collection 5-4-94/252
Fitz-Hugh Luthor Co: 1H-06/many; There may be other references in other volumes.
Hicks Car & Loco.: See CAR BUILDERS
International Correspondence Schools: Car #101 2-18-98/115; Car #102 6-6-99/454; Air brake inst. car 1-26-00/72 & 8-17-00/128-129; Air brake inst. car #100 2-17-05/212; Dynamometer car #300 6-24-06/1246-1250
Jim Crow car law: enacted 9-30-87/683; Law tested by 2 Northern Negro clergy 12-16-04/866; Court decision 7-13-07/45; 1H-02/755, 556; 1H-04/392, 700, 764, 1022; 1H-08/286; 2H-04/many; 1H-05/545; 2H-05/400, 458, 188; 1H-06/902; 2H-07/45;
Land Grants: Benefit the public 5-23-78/258;
Lanterns, hand, improved 6-8-88/370
Logos - see Trade Marks.
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RAILWAY ELECTRICAL ENGINEER 1909 - 1942

Initially published by the Signal Engineer Company, it soon became the journal of the Association of Railway Electrical Engineers. Within two years it was published by three companies, the third being Simmons Boardman Pub. Co. Publication began in June 1909 with vol-ume 1 running from June 1909 through May 1910. In 1916 they converted to a calendar year, the 1915-1916 volume being 19 issues. The magazine carried a large amount of material on electrical installations and problems in buildings, shops, cars, locomotives, and so on. Welding, storage batteries, power uses, and lighting were major topics. The locomotive material was probably all covered in other magazines.

Not indexed was considerable information on batteries circa 1910-1915, and telephone dispatching in 1911. It had almost nothing on street and interurban railways. Because of the increasing use of electricity in all phases of railroading, particlarly diesel electric locomotives, which were also covered by other Simmons Boardman publications, it was merged into them in 1942.

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SIGNALS
See Automatic Train control under BRAKES
Cab signals history 7-36/153-157;

RAILWAY ENGINEERING AND MAINTENANCE OF WAY 1905-1916
RAILWAY MAINTENANCE ENGINEER 1916-1922
RAILWAY ENGINEERING AND MAINTENANCE 1923-1953
RAILWAY TRACK AND STRUCTURES 19 54 -1999

This monthly magazine had many relatively short feature articles on new projects. The articles were more than just maintenance and repairs. In June 1916 it was purchased by *Railway Age Gazette* and that magazine's Maintenance of Way section was added to *Ry. Maintenance Eng'g*. Except for a few years iit had little dealing with structures (bridges, tunnels, stations, etc.)

Many articles were generic on track maintenance procedures and equipment. The magazine discussed labor working conditions extensively. In the period of 1917-1918, due possibly to manpower shortages, there was a great deal on housing conditions for track workers. I only indexed the "best" articles. This magazine and *Railway Age* are the only railroad trade journals reaching the year 2000.

In the late 1970s and '80s concrete ties were the primary subject. Also in 1980s the results of 125 ton cars were extensively covered. In these later years many articles were the type that the railroad professional groups would have presented in their proceedings although in a more complete fashion. They are primarily generic. For many years each issue listed all new contracts to construct stations, bridges, etc.

Not all items are in numeric order due to the way I had to do the indexing.

UNITED STATES AND CANADIAN RAILROADS

Alabama & Vicksburg RR: Washout 11-10/503-507;

Alaska RR: Difficulty of constructing in winter and floods 5-19/174 & 7-19/243 picture; Tunnel #5, Seward line, delighted 10-85/33-38; Snow problems 8-24/309-311; Air side dump car #401 11-27/495 pix; Improvements 2-49/138-139; Snow handling 12-49/1184-1186; Earthquake damage at Seward 2-65/17-21; Keeping subsoil at bridge frozen 11-69/28-29; In winter 8-74/28-30; Whittier Branch tunnel being expanded 5-99/28-30;

Alaska Northern RR: Line relocation 6-22/198;

Amtrak: Northeast Corridor high speed rail line 1-77/16-18 & 9-78/26-31; Must protect 15 rare plants (weeds) along Chi-Det. line 3-79/18; New std. sta. - Albany, Canton, Oh, Omaha 11-81/38-39; Rebuilds Ct. Riv. bascule bridge at Saybrook 3-81/60-62; Replaces wood ties with wood 3-83/28-32; Upgrades Baltimore tunnels 7-83/20-26; Chicago's Brighton Park car shop 4-75/24-25; Prepares for 150 mph to Boston (8 years later finally done.) 1-92/15-17; Reconstruction work at Chicago Union Sta. 9-92/40-44, 56; ARB's X2000 tilting train faster speed on curves 2-93/32; Rail surfacing and tamper #A10805 2-94/29-34; M/W practices 2-96/21-26 & 3-96/29-33;

Apalachicola Northern RR: Concrete ties 11-66/19-21; Mechanizes its track work 3-67/36-39, 42;

Atchison Topeka & Santa Fe RR: Ballast spreading car #199797; Scrap reclamation at Corwith, 11-16/331-332; tie treating plant at Albuquerque and tie car #110,000, 1-17/5-11; Mexican labor camps 2-19/51-53; Galesburg reservoir 9-30/372-374; Mechanical track maintenance 6-37/414-418; Southern Calif. floods 5-38/308-313; Eldorado line near Wichita 7-84/22-26 & 1-85/23-28; Sweetwater, Tx term. 12-11/531-532; Rio Puerco grade revision 3-12/112-115; Albuquerque tie treating plant 3-12/122-124; Joliet sta 6-12/272-274 & 5-14/227-232; San Bernardino reefer precooling plant 7-12/323-328; Water system for Elliner, Ks. Eldorado new line 7-24/268-272; Double tracking in the Southwest 8-24/317; Chemical weed killing success 5-25/181-184; Water supply in N.M.-Cal desert 7-27/282-287; Track insp. car 8-27/316-321; Stock car washing plant 8-27/322-324; Timber trestles 7-42/470-472; Completely replacing 15 miles single track line 15 miles east of Redmond, Cal. without taking it out of service 80-45/770-771, 780; Track rehabilitation near Richmond, Cal. 6-46/628-629; Flood at Kansas City 9-51/821-823; Argentine (Kansas City) diesel facility 1-55/40-42; Pile driver 11-56/29-31; Floods in Tx & Ok 7-57/39-41; Tie unloading 4-59/27-29; Laying new Williams-Crookston line with 1440' rails 9-60/42-44; Kansas City frt house 5-61/32-33; Test car for rail flaws 8-61/26-28; Concrete ties 1-75/32-33, 36; Track maintenance changes 10-93/12-16; Alliance Yd, Tx in Dallas-Ft. Worth area 5-94/36-37; Tehachapi line clearances enlarged for double stack 12-94/8;

Bridges: Pecos River trestle near Loving, NM 1-32/30-32; Rebuilt Mo. River bridge at Sibley 6-12/282-284; Repairing Ft. Madison, Ia.-Miss. River bridge after fire 7-23/271-272; Guthrie, Ok derailment and bridge fire 9-23/360-361; Washita River truss bridge washed out, Ok 11-57/17-24; Canadian River truss bridge replaced by fill and girder bridge 100 miles east of Amarillo 7-65/30-31; Grand River bridge flood damage near Chillicothe 11-93/12-13;

Atlantic Coast Line: Kinston, NC sta 7-24/261-263; Resurfaces & repair track 3-49/284-290; Warsaw, NC water tank 10-48/1025; Concrete ties in Fl. for test 4-60/32-35; Savannah sta 4-63/28-29;

Baker River & Shuksan Ry: trestle at Concrete, Wash. 10-12/468-471;

Baltimore & Ohio RR: Magnolia cut-off 1-16/6-9 & 4-16/124; M.of W. labor camp at Folsom, Pa, 2-18/62-70; M.of W. work equipment 3-28/94-98; Harpers Ferry bridge fire 9-31/795-796; Water treatment sta. 6-32/382-386; March 1936 Pennsylvania flood worst ever 4-36/226-230, 236; Ohio River flood at 80' worst in history 2-36/95-96,100; Harrisonburg, Va. sta 10-11/449; Frederick, Md. frt. house appears in an issue between Oct,. 1911 to June 1912 issue. Check volume's index; LaPaz Jct. Ind coaling sta. 10-12/493; Green Springs, WV tie treating plant 6-13/290-294; 60 men relay 9 track miles in 4 days 5-25/185-187; Replaces 80' turntable with 115' at Glenwood, Pa (Pittsburgh) 10-26/392-394; Evolution of track display 11-27/466-467; Youngstown, Oh sta 1-06/10-11; Hump yard survey at Connellsville 4-06/68; Cincinnati coaling & water sta. 11-06/248-249; Mount Clare grain elevator, Baltimore 7-08/142-144; M/W 34 crews in camp cars, permanent structures & prefab units 5-44/445-446; mechanizes track forces 6-59/21-23;The 1960's 1-60/17-48; Rail laying train lays both rails at same time 10-63/43-47, 84;

Bridges: Restoring the Gynn's Falls stone viaduct near Baltimore 8-17/245-246; Bollman truss bridge at Harpers Ferry 4-18/141-143; Replace Allegheny River bridge at Pittsburgh 1-21/11-13; College Park, Md. bridge renewed in 45 minutes 8-21/289; St. George, State Island float bridges 10-38/604-607; Ogden Ave, Chicago viaduct, Chicago 6-12/285; Calumet River, Chicago, bridge 3-13/115-117; Pittsburgh bridge replaced by using temporary detour span 3-24/103-104; Trestle over Antietem Creek, Md. 12-41/866-868; Johnsonburg, Pa. viaduct strengthened 10-49/960-962; White River bridge at Reverdale, Ind. replaced 5-50/449-452; New Arthur Kill bridge at Staten Island 11-59/32-33, 36; Homer City, Pa. bridge renewed in 10 hours, 3 spans replaced 4-61/32-33; Replaces truss bridge at Montezuma, Ind with 168' girder bridge 6-68/17-19;

Baltimore & Ohio Chicago Terminal RR: Maintenance of Way camp at East Chicago, 2-19/49-50; Independence Blvd bridge 10-12/472-476;

Bangor & Aroostook RR: Snow 2-32/94-96; Worst snow in history 1933-34 12-34/692-695; Snow removal 8-68/16-18; Track maintenance 3-92/29, 32, 35, 50;

Belt Ry of Chicago: Moving an icing platform a mile in Clearing Yard 4-39/244-246; Hump yard 4-06/68;

Bessemer & Lake Erie RR: Mile long welded rail 6-36/352-356; First RR with all continuous welded rail 9-73/34-36;

Black Mesa & Lake Powell RR: New RR 9-72/24-28; Revisited 1-76/28-29, 32-33, 42;

Blue Mountain & Reading RR: Dillinger Tunnel rehabilitation 7-91/32-34;

Boston & Albany RR: Track maintenance methods 8-17/239-243; New England floods 2-28/46-50; North Adams track layout 1-13/42-43; Floods in New England 12-27/508-512;

Boston & Maine RR: Mystic River bridge collapse at Boston 7-17/224-225; Williamsport, Mass. bridge replaced by girder bridge 1-22/4-6; New England floods 2-28/46-50; Stores Dept. and reclamation sites 1-29/14-16; Snow fighting 11-31/956-960; Oiling train for roadbed oiling 8-31/712-714; Tracks just north of North Sta, 2-32/101-104; Sept. 1938 hurricane 11-38/684-688, 724; Gas fired switch heaters at North Sta. 4-34/205-208; Grade crossing renewal 9-77/24-27; Financial and M. of W. problems 3-80/44-52; Hoosac Tunnel water problems 9-83/37-44; Billerica shops 11-13/519-524; Increases Hoosac Tunnel clearances 1-27/20-23; 2818 switch heaters 12-41/869-870; Fire and bridge repairs at North Sta., Boiston 6-42/408-410; 2nd fire at North St. bridge 3-46/296-299; Floods in New England 12-27/508-512; Tunnel enlarging by burning 6-65/30;

British Columbia Ry: Flood damage of 22 washouts 7-81/71; Track at Elleh Creek rebuilt 4-82/28; Rail maintenance 7-93/14-17;

British Columbia Hydro Ry: Concrete trestle near Vedder Rive, Fraser Valley line 7-83/60, 62;

Buffalo Rochester & Pittsburgh RR: Station and track maintenance 8-16/229-235; Replaces camp cars with tents, 11-16/336-337; Bradford creosoting plant pix 5-28/228; Johnsonburg viaduct strengthened 10-49/960-962; Wood water tank 7-14/302-303; Interlocking tower 3-15/93-94; Stations at E. Salamanca, Springville, Scottsville Stanley & Brockwayville 9-15/282-284; Track maintenance 1-26/15-21;

Burlington Northern RR (See also CB&Q, GN, NP): LaGange bridge wreck 10-77/19-23; M. of W. procedures 11-78/21-29, 39; Mo. Riv. bridge at Rulo, Neb. replaced 11-78/30-31; Willamette bridge hit by barge 7-79/70; New Orin-Gillette line nearing completion 8-79/39 & 10-79/106-108; Gillette - Orin, Wyo. new line construction 3-80/76-78; Sioux City, Ia. bridge replacement over Mo. Riv. 4-80/18; Sioux City bridge renewed 9-82/58-60; Belmont Runnel in Neb. eliminated, last tunnel in Neb. 12-82/34-36; New Duluth yard 12-85/22, 35-36; Libby Dam new route 14 miles shorter but stiffer grades and 6 mile tunnel 9-70/18-32; Snow removal in Stampede Pass area 8-71/18-23; Snake River bridge near Pasco replaced 6-72/35; Shuts down main line near Des Lacs, ND to replace bridge 11-95/15-17;

Burlington Northern Santa Fe Ry: Closes Thayer Subdivision, 250 miles, Springfield, Mo to Memphis for 2 weeks to do $16M track overhaul 8-987/31-39; To elevate its tracks over U.P. & K.C.S. at Kansas City, Mo crossing 11-98/5;

Bush Terminal RR: Described 11-15/341-342;

Cambria & Indiana: Colver car shop 7-49/679;

Canadian National Ry: (See also Newfoundland Ry): Lengthened turntable 9-34/480-482; Rail changing machine 8-79/40-41, 44; Concrete ties 8-77/24-26; Rail changing machine 8-79/40-41, 44; Up-grades main line for 100 ton cars 11-80/22-28 & 12-80/20-33; Floods in New England 12-27/508-

512; Prince Edward Island Ry changed from n.g. to std. g. 7-27/274-278; Track snow blower 11-45/21123-1124; Midland, Ont. sta 1-46/64-66; St. Clair tunnel track redesign increases clearances 2-51/136-139; Biggest landslide in history 82 miles west of Kamloops 12-51/1124-1125; Eliminates track heaving by Lignosol chemicals 9-57/50-51; New Chibougamain branch line bridge 7-58/24-25; Upgrading 1940 miles track for faster speeds 9-58/36-38; Special issue on track, signaling & structures 1-62/30-52, 60-62; 6 man camp trailers have rail wheels and rubber tires 9-63/25; "Rapido" fastest train in America 9-66/28-29; Mobile houses on flat cars replace camp cars 6-70/26-29; Concrete ties west of Jasper on new 2nd track 9-75/21-23; Putting concrete ties on sharper curves 12-76/14-16; New St. Clair River tunnel for double stack cars under construction 12-92/13; St. Clair River tunnel progress 3-94/19, 22-26; Ashcroft & Yale subdivisions in B.C. 4-94/35-36; M/W equipment shop at Capreol, Ont. sold to private company to do work 7-95/29; Ice storm devastates pole lines which control grade crossings, CTC, radio, inspection equipment, etc. 3-98/32-33;

Bridges: Sumas River, B.C. lift bridge 12-22/421-422; Painting Quebec bridge over St. Lawrence 3-31/250-254; Conestoga River bridge replaced Guelph-Palmerton line 11-53/1071-1073; Grand River bridge on Jarvis, Ont. branch 5-54/50-53; Victoria bridge tie renewal cut from 3.2 to .9 man hours per tie 3-61/54-55; Replaces fire damaged 1500' bridge near Saskatoon 5-70/22-23;

Canadian Northern Ry: Kamloops, B.C. lift bridge, 1-16/4-5; Winnipeg sta 10-11/443-445 & frt yard 10-08/210-214; Mount Royal tunnel, Montreal12-15/374-377;

Canadian Pacific Ry: Quebec bridge over the St. Laurence. 3-16/78-82; Connaught tunnel and Rogers Pass, B.C. 5-18/167-168; Wedge snow plow #400,675 and rotary plow 300,811, 12-20/458-462; Moves Loyalist, Alberta sta. to replace Castor sta 5-38/322; Rogers Pass new rail line 7-89/21-23; Slab concrete track test in Albert Canyon, BC 3-85/30-32; Angus shop 5-05/35-37; Proposed Toronto sta. 7-07/184-187; Lethbridge viaduct 1-10/1-9; London, Ont. roundhouse 11-11/494-500; Regina sta. 3-12/125-126; Calgary shop L/O 5-12/244; Vancouver terminal improvements 5-15/165-169; Lachine Canal bridge near Montreal 12-15/358-359; Timber truss bridges 4-17/30-31; Laying 100# rail at rate of 1 mile/day 12-23/476-480; Lays 219.7 miles 75# rail in 2 days Mattawamkeag to Brownsville, Me. 9-24/342-344; Ballasting track at one mile per day 4-25/148-150; Moving Port Moody sta. 1/2 mile by skidding down the tracks 8-45/785; Leaside, Ont. sta 1-46/64-66; Rotary snow plow & melter 7-51/634-636; Concrete lining spiral tunnels 4-58/29-31; Heavy wood ties for mainline 2-93/29, 31; Ice storm devastates pole line wires 3-98/32-33;

Carolina Clinchfield & Ohio RR: M/W 3-58/54-55; Removing & replacing foul ballast in tunnels 6-59/24-27; Removing tunnel ice 2-61/36; Tunnel M/W problems 6-69/28-29; bridge repairs 6-61/32-34;

Central of Georgia RR: 1929 floods 5-29/210-211; Macon shop 5-10/217-225 & 2-12/67-69; Macon tie treating plant 3-13/109-111; Potato Creek bridge near Langley, Ga on absorbed ACL line 8-44/711-712; Columbus eng. term. 5-52/486-489; Bridge over highway at Childersburg, Ala 9-57/47-49;

Central RR of New Jersey: Newark warehouse 9-11/417 pix; Communipaw term. 9-14/369-372; Jersey City interlocking 12-14/501-507; Bronx frt. term. layout 8-07/205-207; Modernize Elizabeth sta. 8-54/44-45, 64; Elizabethport sta new covered canopies 6-59/28-29;

Central Vermont Ry: New England floods 2-28/46-50; East Alburgh trestle 3-83/60, 62; Up grading Windsor, Ct, to Brattleboro line 12-88/19-22; Replaces bridge at Georgia, Vt 9-27/364-367;

Chesapeake & Ohio RR: Clear Creek branch flooded washed out 7 miles 8-34/420-423; Converts pass. equipment to camp cars, 114 cars. 9-36/536-538; Richmond, Va. sta. pix 9-37/614; Queensgate classification yard (Cincinnati) completely rebuilt 10-80/44; Track insp. cars - original #R1-1 & newest #TCG-2 11-81/26-28; Water service at Russell, Ky 5-25/191-193; Prince WV sta. 8-46/842-844; Newport News merchandise piers 12-49/1192-1194; Section tool house 2-50/138-139; Sparta, Mich, Fremont & Lansing sta's & offices prefab 9-51/807-809; Track test recorder car 7-61/32-33; Floods Ky area 5-63/32;

Chicago & Alton RR: Grade crossing elimination in Chicago 3-16/90-93; Pearl, Il ballast plant 9-16/276-278; Rebuilding a stone arch bridge near Delhi, Il 7-19/228; Joliet sta 6-12/272-274 & 5-14/227-232; Bloomington, Il loco. term. 10-11/455-460; Track at Mo. River at Glasgow, Mo. 6-24/231-232; Howe wood truss bridge over Cedar City Br. near Auxvasse, Mo. 7-24/276-278;

Chicago & Eastern Illinois: Hump yard at Dolton, Il 4-06/68; Lifts a truss bridge 25' for dredging 7-25/263-264;

Chicago & Illinois Midland RR: Kaskaskia River viaduct strengthened 1-19/9-10;

Chicago & North Western RR: Proviso water treatment 5-30/200-201; Lays 282 miles of rail in 66 days 9-36/532-535, 547; Wyo. coal line 7-84/20; Madison, Wis. sta 4-11/169-171; Milwaukee belt line 11-11/500-503; Des Plaines Valley Ry construction 5-11/256-259 & 1-12/19-21; Wyeville, Wis tower & signals 6-12/294-295; Des Plaines interlocking & track L/O 9-12/426-429; Proviso eng. term. 10-12/460-462; New coal road subsidiary St. Louis Peoria & N.W. Ry 3-14/90-99; Auto. block signals Sioux City & Mo. Valley 10-14/419-423; Uses machines to help lay rail 7-27/288-292; Boose viaduct 7-06/167-169; Chicago track elevation since 1902 11-06/235-238; Track elevation Balmoral Ave to Howard Ave 7-07/181-183; Replacing Kinzie St, Chicago swing bridge with bascule bridge 10-07/255-256; Tearing up 99 miles Linwood to Hastings, Neb. & salvaging 12,000 tons for war effort 4-43/284-287, 297; Renewing crossing of Mil. 3 miles west of Chicago term near Western Ave 4 track main lines 11-46/1177-1182; Snow blizzard worst ever 2-49/142-143; & 3-49/258-259; 10 miles welded rail at Willamette 1-51/42-44; Steam generator car #150 8-52/765-767; M/W efficiency and shops - several articles 1-59/23-54; 3 track shoefly while building interstate highway at Chicago 5-60/35; Brush cutting machine reaches 22' for branch lines 8-61/24-25; 2' snow storm at Chicago 3-67/25-28; Mississippi River flood 9-93/26, 42;

Stations: Cleans ceiling of Chicago term. waiting room 6-56/42-44; New Chicago term. 3-11/141-147 & 6-11/285-288 & 8-11/377-379; New Chicago term. plan 10-08/202-205; Rochester, Mn pass. sta. 4-41/276-278; Modernizes Oshkosh, Neenah-Menasha, Appleton & South Beaver Dam,Wis sta 1-44/46-48; Marinette, Wis.sta. modernized 4-47/384-386; Makato Mn sta. 2-48/154; Chadron, Neb. sta. rebuilt 6-51/544-545; Ames, Ia. sta 12-51/1118-1119; Raising Chicago sta roof 1' for gallery cars 9-54/50-53; Chi. sta., alum. paint, fluorescent lighting & skylights 6-58/32-33;

Chicago & Western Indiana RR: Chicago track elevation since 1902 11-06/235-238; 21st St.ttrack crossing 11-14/435-439; Rebuilds the coach yard at 51st St. 9-54/62-64;

Chicago Burlington & Quincy RR: Use of college students for summer track camps 11-18/377; Ditcher #260, 3-19/100-101; Rafts constructed to protect river banks 2-20/67-70; Concrete pile trestle constructed 6-21/205; Concrete pipe plant at Montgomery, Il 7-22/230-234; Camp cars 5-29/201; Minneapolis banana warehouse 2-32/105; 1000 miles in 13 hours 7-34/368-371; Rebuilding Republican River Valley Br. in Neb. near McCook after washout in 23 days 200 miles 7-35/390-393; Historic Aurora Roundhouse restored for commuter service and other things 11-85/39; Hump yard at Hawthorn, Chicago 4-06/68; Snow blizzard worst ever 2-49/142-143; Armints, Wyo tunnel lining 12-14/488-489; Block signals Denver to Akron, Colo, McCook Div. 1-15/31-35; Car for mixing and placing concrete in tunnels 7-15/213; 900M gal. reservoir at Galesburg 12-23/481-483; Cody, Wyo wood trestle replaced 4-25/154-155; New viaduct on 17 mile cut off north of Beardstown, Il 6026/223-226; Tears up 138 miles of Quincy Omaha & K. C. RR, Milan to North Kansas city 4-41/268-271; Wyalusing, Wis rock ballast plant 2-45/152-155; N. Kansas City puts in longer turntable 8-46/838-840; Dubuque sta. modernized 7-47/678-680; Floods in Neb, Ia, Mo. 9-47/863-867; Electric rotary snow plow 2-50/141; Thayer, Ia. bridge wrecked by frt wreck 3-50/2510253l ; Quincy sta. 1-55/56; Cicero LCL frt. term. 2-55/44-48; Berwyn, Il (Chicago) frt. sta. 11-58/26-28; N. Kansas City frt. house 8-60/29; Quincy, Il bridge over Miss. River 12-60/28-30; Replaces open deck with ballasted deck on bridge 2-62/21-23; Miss.Riv. flood St. Paul to Davenport 6-65/15-19; Flood protection on Miss. Riv St. Paul to St. Louis 6-69/18-22;

Chicago Great Western: Sycamore, Il coaling sta 6-12/274; St. Paul Miss. Riv. bridge 8-13/373-376; Getting rid of coal dock 4-52/396-397;

Chicago Indianapolis & Louisville: New Wabash River bridge on Indianapolis line 2-50/130-133

Chicago Junction Ry: Chicago track elevation since 1902 11-06/235-238;

Chicago Lake Shore & Eastern RR: Kirk Yd at Gary 9-08/179-184 & 10-08/199-201;

Chicago Milwaukee & St. Paul RR: Girard Creek flood washouts, Iowa 7-16/211-214; Tomah, Wis concrete pipe plant 6-17/181-184; Water treatment plants 10-22/344-346; Mobridge, SD Mo. River bridge pix 6-29/247; Eagle Nest tunnel & bridge on Pacific Div.. 12-29/557 pix; Air dump car X905236; Three Forks Sta. 3-31/280; Track work for 100 mph trains 6-35/337-340; Tie replacement and ballasting gangs 8-36/470-473; Custer Cr. bridge at Sauges cloudburst wreck kills 47 7-38/423; All steel camp cars 7-38/427-429; Chicago track elevation since 1902 11-06/235-238; Renewing crossing of C&NW 3 miles west of Chicago term near Western Ave 4 track main lines 11-46/1177-1182; Miss.Riv. flood St. Paul to Davenport 6-65/15-19; Sand storage bin 9-05/123; Ballast placing car 11-06/242-244; Lind viaduct at Lind, Wash & Spokane River viaduct 3-14/100-112; Bloomedal Road, Chicago track elevation 8-14/323-339; Earthquake in Mont and tunnel damage in 16 mile canyon 9-25/353-355; Uses 16 & 17 year old high school students for track work 7-43/504-507, 517 & 12-43/950-952; Frt. houses at LaCrosse & Milwaukee modernized 9-44/802-804, 807; Lowering track 2' at Tunnel City, Wyo 1330' long in 7 days instead of estimated 14 days 7-60/23-26; Dakota snow blizzard 8-66/22-25;

Chicago Rock Island & Pacific RR: Flood damage by Girard Creek, Ia. 7-16/211-213; Crushed stone ballast 8-16/245-246; Reclamation of scrap 10-16/295-296; Negro as maintenance labor 2-17/37-40; Water treatment plants 1-21/17-22; First bridge over Mississippi pix 6-28/280; Replacing Trenton, Mo turntable 8-28/335-336 Section foremen houses 7-29/282-287; Norton, Ks. remodeled sta. 10-29/419-421; Track work 12 miles 1-38/34-35; Manhattan, Ks sta. modernized 2-39/84-86; Side dump car #7417 4-77/16; Tie replacement on secondary lines 12-77/35-37; Topeka to Tucumcari 545 mile line sold to S.P. 11-81/21-25; Joliet sta 6-12/272-274 & 5-14/227-232; Floods in Tx & Ok 7-57/39-41; 2' snow storm at Chicago 3-67/25-28; Booneville, Ia. eating house 5-11/251-252; Council Bluff frt house 1-12/27-28; Calvin, Ok track L/O 1-12/31; Size dump car #97441 & steam shovel ditcher train 3-25/95-97; 124 men relay 2 miles of rail per day 5-40/316-319, 322; 99th St. Chicago sta. replaced 7-41/476-478; M/W equipment repair shop 3-44/242-245; Duncan, Ok sta 7-50/650-61; Kansas City flood mess 12-51/1120-1123; Abandoning 50 mile line Clinton, Ia to Bennett 5-52/345-347; Albert Lea sta 6-54/50-51; Kaw River bridge at Kansas City can be raised 8' when river floods 1-55/54-55; Prefab sta's placed at 6 locations 5-56/33-35; Bridge over highway at Dallas 12-59/28-29; New truss bridge over Deer Creek near Hydro, Ok 6-62/30-33;

Chicago Union Station: Sells air rights 6-82/40-42; Reconditioning by Amtrak 9-92/40-44, 56; Ry. mail bldg 1-23/4-6; Track work construction 12-25/481-484; Chicago Union Station, temporary structure 10-22/352-353

Chicago Union Transfer Ry: Hump yard 4-06/68

Cincinnati New Orleans & Texas Pacific RR: Negro as maintenance laborer 2-17/37-40; Dry Ridge, Ky sta 2-15/47-50; Cinc. yard L/O & frt. sta. 2-06/21-24;
Cincinnati Southern RR: Ohio River bridge renewed 7-22/242-243;
Cincinnati Union Terminal: Replaces tile dome with alum. 6-46/630-632;
Clinchfield RR: See Carolina Clinchfield & Ohio RR.
Colorado & Southern Ry: Snow blizzard worst ever 2-49/142-143;
Conrail: Northeast corridor high speed rail line 1-77/16-18 & 9-78/26-31; 15' snow at Buffalo 3-77/23-25; Mechanizes track forces 9-77/28-30; Track rehabilitation 3-82/23-27; New track and TOFC facilities in New York City area & Oak Point Link 4-86/25-33 & 5-86/24-27; Plascar continuous action tie removal machine 1-89/27-32; Conrail being organized & M/W 1-76/18-22; Rehabilitation program 11-76/17-39, 62; Track maintenance program 12-91/11-14;
Copper River & Northwestern RR: Snow plow 2-23/69; Snow & ice 6-25/228-229;
Cowlitz Chehalis & Cascade RR: Renews Cowlitz River trestle 7-46/731-733;
Crosbyton-South Plains Ry: Track laying machine 3-11/161;
CSX: Motel type camp cars 5-74/36-37, 48; Bridge at Bayview Jct, Baltimore built 1885 & oldest bridge in U.S. probably 2-92/7, 9; Gauge restraint measuring system car #1 10-97/35-37;
Dakota Minnesota & Eastern: Planned extension to Wyo. coal fields 5-99/19-22;
Delaware & Hudson RR: Grade crossing elimination at several points including Greenwich Jct. 3-16/90-93; Replaces Colonie turntable 7-28/302-304; Camp car trains 6-29/248-253; 4435' welded rail sections 2-36/82-85; Welded rail program 9-37/596-600; Track program and sta. 11-37/794-797; Cooperstown, NY frt. sta. 2-38/100-101; N.Y. state floods 8-35/450-451; Section foreman houses 7-29/282-287; Beldon Tunnel near Binghamton enlarged 9-87/29, 32; Carbondale eng. term. 2-12/64-66; Mohawk River bridge at Schenectady, old & new 10-12/463-468; Watervliet eng. term. 12-12/542-546; Converts fixed truss to lift span at Troy 7-25/259-262; Camp cars & using college students for M/W 12-26/508-511; M/W 1-27/13-17; Oneonta roundhouse 3-07/45-49 & 5-07/136-140; Mechanicsville eng. term. L/O 2-42/106; Lowers track 2 ft in tunnel 14 miles north of Binghamton under traffic 6-43/440-443; Welded rail after 15 yrs 3-46/528-532;
Delaware Lackawanna & Western RR: Black Rock Br. signaling 1-16/13-14; Nicholson tunnel, 1-16/17-19; Martins Creek viaduct 2-16/38-39; Madison and South Orange stations 3-16/83-85; Clarks Summit concrete bridge 7-17/216-218; New bunk cars 9-17/211-213; Scrap reclamation plant 7-19/238-239; Track maintenance program 5-21/160-164; Camp car train 5-29/196-202; Use of concrete for bridges, track elevation 9-29/412-415; Removes smoke ducts at Hoboken train shed roofs for electrification 5-30/209-211; Boonton Branch "mud cut" 3rd & 4th track addition 4-31/367-369; Ballast hopper car #84726 10-31/871; Electrification & maintenance dept. advantages and disadvantages of electric operation 1-33/27-28; Floods in N.Y. state 8-35/450-451; Bergen Hill tunnel concrete roadbed 7-11/323 pix; Grove St., Hoboken, interlocking tower pix 9-11/416; Montclair tower & track L/O 6-13/313-315; Morris County Turnpike arch underpass 9-13/430-431; Ithaca Br. single track automatic block signals 2-15/69-72; Tunhannock viaduct 11-15/328-329; Hackettstown wreck 7-25/277-278; Hoboken term. plans 9-05/115-116; Hoboken signal tower 3-06/39-41; Hoboken train shed 3-06/45-47; Hoboken bumper blocks 1-07/17; Renewing ties & raising track 9-51/803-806; b M/W repair shop 3-53/258-263; Moving Corning Sta. 1000' 6-53/562-563; Flood damage Stroudsburg to Scranton 10-55/38-43;
Delray Connecting RR: Lift bridge 6-15/189;
Denver & Rio Grande Western RR: 25 miles of washouts in Castle Gate area 9-17/287-289; Minturn, Colo. bridge repair 12-85/25; Canon City sta 8-11/376-377; Soldier Summit detour line 12-13/566-567; Pueblo roundhouse 12-06/2653-258; Daylights short tunnel #41, 114 miles west of Denver 8-53/744-745; Snow removal 8-75/14-15; Tunnel lining with wood 10-42/692-695;
Denver & Salt Lake RR: Maintaining the line at 11,000 feet. 9-18/291-295;
Detroit Toledo & Ironton RR: Camp cars X547 7-27/295; M/W & radio 6-56/38-41;
Duluth & Iron Range RR: concrete water tank 12-29/541-544;
Duluth Missabe & Northern RR: Camp cars and buildings for workers 2-21/47-48; Weed elimination 9-77/40-41;
Duluth Winnipeg & Pacific Ry: New Duluth yard 12-85/33, 35-36;
Edmonton Dunvegan & British Columbia Ry: Athabasca River bridge, 8-16/241-242;
El Paso & Southwestern RR: 141 mile wood water conduit being renewed 8-21/277-280; Tucson sta pix 2-15/51; Described & shop 2-07/21-26; cinder pit 3-07/55-56;
Elgin Joliet & Eastern RR: Labor camps and section foremen houses 3-28/108-111; M/W & radio 6-61/35-37, 50; Kirk Yd, Gary, Ind. dormitory bldg 2-52/142-143;
Erie RR: Divided into 4 operating regions 3-20/99-101; Ridgewood, NJ, track 7-34/378-380; Waterproofing Starrucca Viaduct 10-34/536-538; NY State floods 8-35/450-451; Walkill River concrete viaduct pix 7-11/329; Track instruction car #03098 2-26/44-47; Suffren, NY sta 10-41/681-682; Strengthens Portage, NY viaduct over Genesse River 8-45/772-776; Moves water tank across 10 tracks at Hornell 5-46/533; Chemung River bridge near Cornell washed out 8-46/833; Corning line relocation uses bagged concrete for rip rap 4-52/383-385; #24 equilateral turnouts allow 79 mph speed near Otisville tunnel 8-54/34-36; Heavy rain damages Parkers Glen to Mast Hope, Pa. 10-55/44-45; M/W. & B&B programs 12-55/37-65;
Erie Lackawanna RR: Replacing welded rail using 53 men about one mile per day. 10-68/26-28; Storm damage 8-72/22;
Eureka & Palisade RR: Crossing SP & WP tracks 6-11/306 pix;
Fernwood Columbia & Gulf RERE: filling 52 bridges 9-54/54-55;
Florida East Coast Ry: Maintain ocean going RR 5-28/208-211; Concrete tie experience 3-77/27-31; Weed control 2-50/144-146; Moving 75 ton 60' high tree across 2 RR tracks 6-61/38; Welded rail & concrete ties 7-66/25-34;
Fort Worth & Denver City RR: Track maintenance 4-36/238-240; 650 ton nuclear reactor 22' wide 4-78/30-32;
Georgia RR: Replaces bridge over Oconee River 5-42/343-344; Old truss bridge relocated to Cornick Creek, Ga 6-44/527-528;
Georgia & Florida RR: Rebuilding tracks using first loan of the Transportation Act of 1958 5-60/29-31;
Golden Triangle RR (Mass.): New line 7-83/58;
Grand Trunk Ry: Wedge snow plow #98075, 12-20/458-462; Proposed Toronto Sta 7-07/184-187; Bay City bridge 2-14/48-54; Battle Creek loco shop 6-09/106-1143; Stratford, Ont. shop 6-09/117-121;
Grand Trunk Pacific Ry: Winnipeg sta 10-11/443-445 & frt yds 10-08/210214;
Grand Trunk Western Ry: (see also G.T. Ry) Track changes for General Motors' needs 4-85/35-36;
Great Northern Ry: Snow sheds 1-18/21-25; Bridge damage at Marcus, Wash. from ice jam on Columbia River 8-29/338-340; Camp car train 3-30/122-123; Stone ballasting and gravel pit 6-31/540-543; Renews trestle approach to Allouez ore dock 8-36/474-476; Chane in procedure on tie replacement 7-39/406-409, 416; Dakota blizzard 8-66/22-25; Replaces 92' turntable with 100' at Havre 4-25/145-146; Seattle Union Sta. 8-07/211-212; Puts welded rail in Cascade tunnel 7-49/667-669; Kerkhoven, Mn & Robbinsdale, Mn sta 8-49/769-770; Snow plow and melter #X1620 9-52/876-877; Jasper, Mn sta 2-53/145; Edmonds, Wash. sta. 557/46-47; Regional M/W shops consolidated to Superior, Wis 3-61/58-59, 62, 64; Steel truss replaces two stone arches at St. Anthony Falls, Mn 12-62/24-27; Raising and lengthening spans of Miss. River bridge at Minneapolis 6-63/29-31; Flood 7-64/20-22; Minneapolis stone arch damaged by Miss. River flood 9-65/32-35;
Green Mountain RER: Rebuilds stone viaduct over Ct. River at Walpole, NH 2-94/39;
Guilford Rail systems: Saco River Fals bridge at Saco, Me 3-97/47-48;
Gulf Mobile & Northern Ry: Adds second floor to Jackson, Miss. frt. sta. by raising roof 11-33/550-551;
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Harriman & Northeastern RR: Floods 5-29/210-211;
Idaho & Washington Northern RR: Spirit Lake, Id shop 5-09/86-90;
Illinois Central RR: Obion, Tn., 200,000 gal. water tank, 8-16/243; Weed burning 9-17/283-285; M. of W. labor camps at Wildwood, Il 2-18/62-70; Chicago snow blizzard 3-18/89-92; 100,000 gal. wood water tank at Matoon, Il 8-18/272-273; Carbondale, Il water treatment facility 9-22/300-302; miss. Riv. flood of 1927 1-1928/14-19; Edgewood cut off water sta. 5-29/204-208; Central Sta., Chicago, repairs 9-29/375-337; Snow handling on electrified lines with 759 daily trains 12-36/776-781; Fort Dodge sta. 6-12/288-289; Champaign, Il eng. term. 7-12/319-322; Centralia frt yds 8-12/360-366; Centralia terminal 3-13/117-123; 75th St. crossing at Chicago 6-13/296-303; Flossmoor Il sta 7-13/364-365; Cumberland River bridge, Ky at Cumberland River, Ky 6-14/258-260; Track elevation & new Memphis sta 10-14//396-406; Jct & interlocking at Aulon, Tn. 3-15/104-106; water service facilities 5-23/182-190; Coal train wreck near Corinth, Miss. 5-23/198; Water treatment plants 7-23/273-276; Moves 5 station platforms as part of electrification 7-26/270-272; Brush Creek viaduct near Haleyville, Ala 9-07/237-238; Birmingham, Ala car & loco shops 6-08/124-126; Central Sta.,Chicago, cleaning 8-41/541-542; Replaces 2.4 miles track rails/day with 160 men 2-42/92-94; Mattoon & Mateson, Il water tanks 10-42/696-698; Cairo bridge rebuilding 1-46/56-59 & 2-46/157-159; Cairo bridge replaced 2-51/130-133; Pile driver on trestle near Wickliffe, Ky 2-52/132-133; Miss. River bridge near Dubuque gets new pins in truss spans 4-54/45-49; Fill at Big Boy area of southern Il. near Metropolis 7-54/38-40; Rockford, Il. sta 11-54/52-54; Use of civil engineering students for summer timber bridge inspection 10-61/34-35;
Illinois Central Gulf RR: Stabilization fabric for wet sub grades 10-76/22-23; Single tracks main line to save money 4-93/17;
International & Great Northern Ry: Bascule bridge over Buffalo Bayou, Houston, Tx 8-15/238-239;
Iowa Central RR: Over Black Hawk Chute, Keithsburg, Il 2-15/52-54;
Iowa Northern RR: Track repaired 4-88/20-27 & 7-88/61-64;
Jacksonville Terminal Co: Track renewal procedures at jct. 12-29/538-540;
Kansas City Mexico & Orient Ry: Wichita shops 7-11/347-353;
Kansas City Southern RR: Stillwell & Sallisaw, Ok station 7-16/204-208; Bunk car facilities 9-19/305-307; A frame strengthening of bridges, 10-19/351; Camp car trains 6-29/248-253; Section foreman houses 7-29/282-287; Fort Smith, Ark sta 3-13/123-125; Replaces 90' turntable with 110' in 3 hours 5-27/204-206; Pittsburg, Ks loco & car shops 1-08/3-11; New Orleans yard office 1-51/56; Arkansas River bridge at Redland, Ok 4-70/32-33; Intersperses concrete and wood ties 8-70/24-26; Rebuilding track 11-92/13-14; M/W program 2-94/14-21; Bridge reconstruction 9-94/29-36; Rebuilding former I.C. RR Shreveport, La to Meridian, Miss. line 7-95/26-27;
Kansas City Viaduct & Terminal Ry: 6th St. Viaduct at Kansas city 9-07/233-236;
Lake Shore & Michigan Southern RR: 75th St. crossing at Chicago 6-13-296-303; Pleasant Lake, Ind. gravel washing plant 10-06/221-222; Toledo eng. term. 3-07/58-59;
Lake Superior & Ishpeming RR: Steel ties used on new 6 mile Tildon iron ore line 4-75/28-29;
Lehigh & Hudson River RR: Warwick roundhouse 3-08/55-56;

Lehigh Valley RR: Frt. pier at West Side, New York City, 4-16/146-147; Track maintenance program 6-16/163-168; New bunk cars 9-17/271-273; Use of loco. cranes for track work and list of their numbers and locations 2-22/48-53; Laying 66' rails 5-30/202-203; N.Y. state floods 8-35/450-451; Rail grinder car #90000 to remove rail indentations 9-34/472-475; 9-34/472-475; Track maintenance 3-23/92-99; storm damage in N.Y. & Pa 8-72/23-24; Use of power equipment to replace manual labor 3-27/98-100; Ballast - keeping a toe line 9-27/356-363; Towanda, Pa. bridge over Susquehanna 7-07/187-189;

Long Island RR: Grade crossing elimination 1-16/27-29; Permanent track forces 2-18/70-71; Roadbed oiling train 6-30/244-246; Snow fighting 4-34/216-217; M. of W. procedures 9-79/20-26; Proposed Hillside shop 3-86/52; Jamaica interlocking 9-14/383-389;

Louisiana & Arkansas RR: Little River bridge near Jonesville, La. 9-14/360-364;

Louisville & Nashville RR: Gautier, Miss tie preservation plant 12-16/373-375; Scale testing car #41503 and its bunk car #40525 9-17/292; Pile trestle at Henderson, Ky 1-20/23-25 & 8-20/301-302; Track motor car shop 7-22/237-240; Floods 5-29/210-211; Tearing up Frankfort, Ky to Irvine branch 2-34/66-68; Rebuilds Biloxi Bay trestle 2-80/38-39; Ky. area floods 5-63/32; Rolling Fork River bridge 30 miles south Louisville 5-25/187-188; Atlanta frt. warehouse 8-07/214-216; West Pasacula River trestle 6-48/600-602; Gyro Track recorder car 7-49/672-675; Lake Pontchartrain trestle firebreaks 8-49/755-757; Nashville frt. sta. 2-56/48-51; Pascagoula River burned trestle near Gailier, Miss 2-60/32-33; Derailments destroys Tensas River bridge near Mobile 8-62/28-29; Hurricane damage on Bay St. Louis line 12-65/28-31; Red River bridge wreck on Nashville - Guthrie line 6-66/22-25; 2 miles St. Louis Bay trestle now concrete piles replace timber 4-67/24-26; Bay St. Louis new concrete trestle after bad hurricane 10-69/14-17;

Maine Central RR: Bangor sta. 12-05/173-174;

Michigan Central: Detroit tunnel 10-06/217-220;

Midland Valley: Weed killing 3-23/114-115;

Minneapolis & St. Louis RR: Bartlett, Il coaling sta., 4-22/133; Jim Teyro, roadmaster 10-31/892-893;

Minneapolis St. Paul & Sault Ste. Marie Ry: Reduces snow problem by cut widening 12-59/19-21;

Missouri Kansas Texas RR: Std. section foreman houses 8-20/304; Dublin, Tx sta. 4-29/174; Section foreman's house 7-29/282-287; Flood at Kansas City 9-51/821-823; Water service in Tex 8-25/309-313; Section tool houses mass produced 2-44/128-130; Baden Yd, St. Louis windowless office bldg 9-60.47;

Missouri Pacific RR: Water treatment plants 6-19/196-197; Track maintenance 11-77/20-31; Flood at Kansas City 9-51/821-823; Floods in Tx & Ok 7-57/39-41; Replaces 47 bridges with embankments 5-25/176-178; Rebuilds fire destroyed trestle near Palestine, Tx 9-44/805-807; Line relocation near Granite Bend, Mo 12-47/1216-1217; Replaces truss bridge 2-56/42-43; Tie cars for distributing ties #TX-1902 2-57/32-34; Special issue on track and structures 1-64/19-58; New 27 mile Rock House branch in Tex 11-68/17-20;

Montana Rail Link RR: 620 mile line described 8-95/16-17, 27;

Nashville Chattanooga & St. Louis RR: Test scale car #90160; Building a 7 mile govt. Ry. in 32 days to Old Hickory power plant near Nashville, 7-18/231-232; Section laborers houses 3-21/106; Camp cars 5-29/200-201; Nashville frt. sta. 2-56/48-51; Aulon, Tn jct & interlocking 3-15/104-106;

National Transcontinental Ry: Quebec bridge over St. Lawrence River 3-16/78-82; Little Salmon River viaduct 8-12/366-372;

New Orleans Great Northern RR: Bogalusa shop 4-08/65 & 11-09/228-234; Lake Pontchartrain trestle 2-23/55-56;

New Orleans Public Belt RR: Repainting Huey Long bridge 7-53/657-659;

New York & Long Branch RR: Shrewesbury River bridge 4-16/122-123;

New York Central RR: Rhinecliff station 3-16/83-85; Container car for L.C.L. #5999, 4-21/130; Upstate NY floods 8-35/450-451; Labor camp Kings Bridge in the Bronx 7-28/298-301; Track pans 8-29/337; rail flaw detector car 4-32/252-255; Track pans and problems 9-32/552-554; Hump yard at West Albany 4-06/68; DeWitt, NY hump yard 8-05/101-102l; Woodlawn accident 6-07/161-165; E. Buffalo roundhouse 7-08/139-142; 2' snow storm at Chicago 3-67/25-28; Rochester sta. 12-13/563-566; Utica sta & track L/O 9-14/364-367; Buffalo grade crossing elimination 11-15/347-348; Grade elimination at Erie 12-15/370-371; Tries welded rail joints, instead of bolted fish plates, in paved streets using Thermit weld (very early track welding.) 8-27/330-335; Magor side dump car #X6665 9-27/383-384; N. Tonawanda swing bridge 7-40/450-452; Hudson, NY sta. modernized 11-41/798 pix; Grand Central sta. gets new ceiling in main concourse 9-45/874-875; Taking water at 80 mph 8-46/837; Englewood roundhouse 8-47/763-765; Pile driver X556W 3-51/254-256; Special issue on track, signals, etc. 1-63/19-64; Raise overhead sta to increase clearances 12-66/28-29; Rail laying train 3-67/32-35, 68; RDC turbo jet #M497 runs 184 mph 5-67/18-20;

New York Chicago & St. Louis RR: 75th St. crossing at Chicago 6-13-296-303; Cuyahoga River bridge replaces swing bridge 8-08/167-170; Rolls 5 span bridge out & replaces in 19 minutes at Mackinaw Dells, Ill 10-48/1022-1024;

New York Connecting RR: Hell Gate bridge construction 9-15/266-268 & 10-15/298-302;

New York New Haven & Hartford RR: M.of W. labor camp at Islington, Ma, 2-18/62-70; Replaces section gangs with large roving gangs 12-35/732-737; Patrols replace track walkers 5-36/290-293; Main line trestle over Lieutenant River near Saybrook fire damaged 5-38/316-318, 322; 1938 hurricane 11-38/684-688, 724; Cos Cob power sta from river pix 9-11/419; Cedar Hill eng. term. 12-11/538-541; 6 track lift bridge over Bronx River 3-13/163-164; M/W shop at New Haven 3-49/268-271; Canton viaduct readied for 140 mph trains 8-98/42-43;

New York Susquehanna & Western RR: Tearing down Panther Creek viaduct 8-42/547;

New York Westchester & Boston RR: Interlocking plant at a jct. 2-16/55;

Newfoundland Ry: Bridge washout 2-87/20, 22;

Norfolk & Western Ry: Roanoke water facilities 9-21/319-322; Portsmouth, Oh eng. term pix 2-28/55; Portsmouth, Oh car repair yd pix 5-29/220; New bridge placed on Bristol Br. 9-32/549-531; Replaces manual rail laying with mechanical 6-37/404-410; Track practices & track geometry car #5400 3-79/38-42 & 5-81/49-52; Concord, Va. coal dock 12-08/239-240 & 8-11/368-370; Norfolk sta. 1-13/10-13; Supply car #16406 pix 12-24/496; Lamberts Point, Norfolk, merchandise pier 7-47/681-682; Roanoke sta. plans 12-47/1220; Christiansburg, Suffolk & Wythend sta's 4-50/370-372; New line Jewell to Whitewood, Va 7-69/14-17; M/W policies 11-74/23-43;

Norfolk Southern RR (1st) Kinston, NC sta 7-24/261-263;

Norfolk Southern Ry (2nd): Ballast car #994, 691 9-95/34 pix;

Northern Pacific Ry: Howe truss bridge on South Bend branch over Chehalis River 2-19/45; Marient viaduct history 9-28/381-383; Move ice house one mile at Laurel, Mt 6-30/247; 88 year old Snake River bridge near Pasco replaced 6-72/35; Seattle union sta 8-07/211-212; Maintaining track Yakima to East Auburn 8-46/834-836, 841; Wilburtan, Wash. trestle 2-47/140-143l Bismarck sta. 5-48/506; Moving welded rail long distance11-53/1074-1075; Spokane sta., modernized 2-54/51-53; Raises2700' truss bridge 4' over Columbia River for McNary Dam 11-54/38-41; Line change Granite, Id to Athol 3-66/36-37;

Northwestern Pacific: Pile driver at Conte Madera Creek 6-23/223-226; Eel River Canyon sliding mtn 5-54/48-49 & 5-55/36-38; Loses 100 miles in Eel River flooding 2-65/22-23;

Oklahoma Central RR Chickasha, Ok sta & term. 7-12/329-331;

Ontario Northland RR: M. of W. education program 8-79/34-36;

Oregon Trunk Ry: Celilo bridge 2-12/43-49;

Oregon Washington Ry. & Nav. Co.: Peninsula tunnel relining at Portland, 9-17/277-279; See also U.P.RR

Pacific Great Eastern Ry: Peace River trestle at Taylor, B.C. 2-17/29;

Penn Central RR: Metroliner track 5-70/18-20; M/W. shop at Canton, Oh 6-71/18-21; Storm damage Harrisburg to Corning 8-72/20-21; Arch span being replaced at Schock Mills bridge over Susquehanna River 12-72/16-19; Schock Mills bridge finally being replaced 17 months after storm 12-73/26-27; Tornado removed bridge 21.07 over Tippecanoe River between Logansport & Effner 7-74/20-21; Bankruptcy and Congressional help 2-75/37;

Pennsylvania RR: (See also Pitts. Ft. W & C RR, PCC&St.L) Electrification 1-16/20-22; Replacing a slip switch quickly 1-17/17-18; Housing and caring for laborers 3-17/81-82; Side dump car #899-79, 3-17/86; Increasing the size of the Baltimore tunnel 5-17/144-145; Elizabethtown, Pa. rock slide and wreck 5-18/159-160; Modern camp cars and education courses 2-19/40-42; Portable tie treating plant 9-19/315-317; Divided into four operating regions 3-20/99-100. Renewing double slip switches at Tower B 4-20/141-142; Snow flanger-ballast spreading car #495747, 6-20/219; Track sweeper car #491, 503, 10-22/347-348; Clearance car & its uses 12-28/533-537; Phoenixville, Pa. Schuylkill River bridge 3-29/91 pix; Use of 130# rail 5-30/220-222; Camp train 5-32/322-326; 1936 flood worst ever in Penna. 4-36/226-230, 236; Lowering track in frt. line tunnel at Washington for electrification 6-36/358-362; High speed track. How good must it be? 12-36/786-790; Relaying rails with no slow orders 5-39/290-293, 297; Sand house Kinsman St, Pittsburgh s 9-05/126; Wilmington pass. sta.12-05/169-171; Extension to N. Y. City & L. I. RR 7-06/163-167; Std. roadway construction 3-07/52-54; 3 position upper quadrant semaphore signals 5-07/143-147; Wreck of Pa. Ltd. near Mineral Point, Pa. 7-07/193-195; 4 wheel gas pass. car for Smyrna Br, Del. 1-10/36-37; Semaphore lantern std. design 12-10/551; Greensburg sta. 10-11/461-463; Ext. to N.Y.C. & Long Island 12-11/527-530; Northumberland Yd - 75 trains per day with 3200 cars 12-12/547; Gunpowder River bridge on Md. Div. 7-13/331-338; Phila. Connecting RR Montgomery St. bridge 6-14/261-263; Rahway River arch bridge 3-15/91-92; Gets Phila. sta. in operation 9 days after the fire 8-23/314-316 & 7-23/286-287; Tipton Dam for Altoona water 4-25/139-142; Pittsburgh viaduct over Beck's Run 6-25/223-227; Huge vacuum cleaner on stone ballast, car #495500? 12-25/495-496; Puts glass blocks in roundhouses salvaged from N.Y. World's Fair 9-41/607-608; Phila. trainshed fire reconstruction 10-43/448-451,482; Tie chewing machine pulverizes ties 10-52/26-27; Replaces 4 track approach to Monongahela bridge in 2 hours, 3500 tons 7-55/38-39; Replaces Delair bridge at Phila. 5-60/36-37; Special issue on track and structures1-61/19-50; Baseball special kills 19 people due to bad track 4-63/32, 58; New branch to Chalk Point, Patuxent River for power plant 5-63/24-25; Perryville, Md. Susquehanna River bridge rehabilitated rather than replaced 7-64/15-17; ballast cleaning equipment 3-27/105-108;

Lines west of Pittsburgh: M.of W. labor camp near Chicago 2-18/62-70; Hartford City, Ind. sta. 6-29/2543; 75th St. crossing at Chicago 6-13-296-303; Adds 2nd track 6 miles in 52 days Woodville, Oh to Gibsonburg 4-27/159-160; Salem, Oh. sta. modernized 2-49/149-151; Line relocation at Hamlin, Pa., 32 miles west of Pitts. 12-49/1190-1191; Grandview Yd at Columbus, Oh. 3-65/48-49; E. St. Louis coaling sta 11-13/542;

Pere Marquette: Concrete roadbed after one year 1-28/12-13; Sta's at Sparta, Fremont, Lansing, Mich prefab sta & office 9-51/807-809; Section tool house 2-50/138-139;

Philadelphia & Reading Ry: Walking bridge between Rdg & Pa. RR at Harrisburg 10-05/142-143; Phila. Pa. Ave. coal dock for 7 locos. 12-06/262-263; Rutherford, Pa. hump yard 7-07/189-190; Port Reading creosoting plant 7-12/313-316; St. Clair, Pa. yard & eng. term. 8-12/372-380; Yardley, Pa.

bridge 3-213/99-108; Glenmore Bridge, NJ 2-15/57-60; Changes Schuylkill River channel at Port Clinton to eliminate two bridges pix 8-26/307; See Reading Ry

Piedmont & Northern RR: Train on Chick Springs, S.C. bridge photo 4-16/adv. p. 7;

Pittsburgh & Lake Erie RR: 1936 flood 4-36/226-230, 236; McKeesRocks sand house 9-05/124; Pollack, Pa. coaling sta. 8-11/368 pix; Alliquippa interlocking 7-13.356-362; Replacing all ties on bridge at Beaver 2-48/150-153;

Pittsburgh & West Virginia RR: Tunnel #8 collapse 2-60/324-36;

Pittsburgh Columbus Cincinnati & St. Louis RR: Chicago track elevation since 1902 11-06/235-238;

Pittsburgh Fort Wayne & Chicago: Chicago track elevation since 1902 11-06/235-238;

Prince Edward Island Ry: changed from n.g. to std. g. 7-27/274-278;

Providence & Worcester RR: Track rehabilitation to allow double stacks 6-89/21-24;

Quebec North Shore & Labrador Ry: Track laying 4-53/384-387; Ballasting in winter 4-54/55-56; Wabush Lake RR 37 miles 7-60/32-34;

Quincy RR: Preserved track near Boston. (Is it still there in 1999?) 8-28/349;

Quincy Omaha & Kansas City Ry: (CB&Q): Tears up 138 miles of Quincy Omaha & K. C. RR, Milan to North Kansas city 4-41/268-271;

Reading RR: See also Phila. & Rdg RR: Storm damage 8-72/25; Swedesford covered bridge over Schuylkill River 6-26/234-235; Phila. train shed gets new roof 6-49/571-573; Fox Chase 5.2 miles electrified 2-67/21;

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Wood ties: Future 8-83/33-35; 9' instead of 8' long 2-41/80-83 & 4-48/393-394; split tie dowling machine 7-64/18-19; with special gauge retention fastenings to rails 7-91/.35-36; Extending wood tie life 7-91/27-31; Recycling for fuel and particle board 3-74/18-20;
Tie plates: Sloped for curves 5-71/20-21; Polyethylene instead of steel being tried 2-76/28-29;
Track - Effect of 125 ton cars: 12-85/22-24 , 7-87/62-67 & 7-89/29-30;
Track in tunnel design 7-90/22-26, 56;
Track pans: 8-29/337; problems with 9-32/552-554
Track Concrete slab base: 3-85/30-32;
Track, Super: Tests at Pueblo 3-81/94;

RAILWAY MASTER MECHANIC 1889-1893
RAILWAY ENGINEERING AND MECHANICS 1894-1895
RAILWAY MASTER MECHANIC 1895-1916

This magazine began as the *Railway Purchasing Agent and Supply Trade Journal* in 1878 and continued with this title through 1888, volumes 1-11. I did not index it, and there are few copies extant.

With the name change to *Railway Master Mechanic* it continued to be published by the Railway Purchasing Agent Co. but was sold after several years. It was published in Chicago as were several other railroad magazines, *Railroad Review*, *Railway Age*, and other short term publications.

The first photographs appeared in 1890. I indexed with few exceptions only illustrated articles. All longer articles were illustrated. The magazine was involved with locomotives and cars.

The magazine was not published March to May 1899, and in June took on a new format. In August 1916 it discontinued publication leaving the *Railway Mechanical Engineer* and *Railway and Locomotive Engineering* to cover the field.

UNITED STATES AND CANADIAN STEAM RAILROADS

Adirondack & St. Lawrence RR: #61 2-8-0 6-93/103;

Atchison Topeka & Santa Fe RR: Argentine, Ks sand house 11-95/180; YMCA building at Argentine, Kansas City 2-99/19; 35 ton wrecking crane 4-98/50-51; Box and stock cars 4-02/117-118; Topeka Shops 4-03/159-163 & 5-03/200-208 & 6-03/243-248 & 8-03/349-356 & 9-03/391-395 & 10-03/417-420; #915 2-10-2 11-03/505-509; #1812 2-6-2 12-06/482-486; Richmond and San Bernardino roundhouses 5-09/154-158; Sweetwater, Tx engine terminal 11-11/497-499; Riverbank, Cal. engine house 12-12/540-541; Apprentice school 4-14/135-141;
Locomotives: #891 4-6-0 10-97/148; #? 2-8-0 2-98/22-24; 2-8-0 pusher loco. 11-01/421; 2-6-2 1-02/11-12; Player compound #697 4-6-0 1-00/26-32; 0-4-0T with crane mounted on it at Topeka shops 3-03/134-135; New 4-6-2 & 2-8-0 2-08/31-33; F. W. Schupert & Harry W. Jacobs new firebox design 4-09/126; 4-4-6-2 pass. loco. 11-09/442-443; #1700 2-8-8-2 12-09/489-491; #901 2-10-02 6-10/237-254; #1171 2-6-6-2 with flexible boiler 2-11/94-97; #1693 2-10-2, 1355 4-6-2 & 1902 2-8-0 10-12/454-461;

Atlanta Birmingham & Atlantic RR: #94 2-8-2 3-13/103-105;

Atlantic Coast Line: #40? 4-4-2 2-95/27; 4-6-0 7-99/69-73; Fast freight run for fire engines 7-01/209; Box car 35' 12-08/348-349;

Aurora DeKalb & Rockford Ry: Gasoline motor car 1-08/20-21

Baltimore & Ohio RR: #848 4-4-0 5-90/73-74; Royal Blue Line cars 8-90/132-133;#2199 last of 0-8-0 camels 12-91/179-181; El. loco. 2-95/26; #1312 4-6-0 11-96/170; #1612 2-8-0 12-96/188-189; Windsplitter Train 6-00/350-353; Club car for groups 2-01/58; 4-4-2 compound 3-01/98; Parlor cafe car "Schenley", "St. Nicholas", & "Grand" 8-01/257-259; Keyser, WV shop lay out 11-02/411-412; El. loco. #5 10-03/439-440; #2400 0-6-6-0 6-04/206-208; Holloway, Oh roundhouse 6-03/257-260; #2503 2-8-0 1-06/11-12; Locos. 8-06/259-261; El. loco. #11 2-11/13-15; Box car #193000 8-13/379-380; Cumberland engine terminal 10-13/479-480;

Baltimore Belt Line RR (B&O): El. loco. 2-95/26; RR described 8-95/128-130;

Beech Creek RR: 4-8-0 boiler drwg 9-89/153;

Bessemer & Lake Erie RR: #154 2-8-0 & 234 0-6-0 8-09/314-316; Small coaling sta. 4-10/129-130;

Bingham & Garfield RR: Ore car #1070 12-15/411;

Birmingham Southern RR: Hopper car #1166 3-09/70-71; Hopper #2151 9-13/445-446;

Boston & Albany RR: 25 ton wrecking crane 11-95/170, 171; West Springfield shop 3-08/59-63; W. Springfield scrap handling 12-14/547-549;

Boston & Maine RR: Concord shop L/O 3-98/33; #459 4-6-0 4-98/52-53; All wood, 30 ton box car 1-07/24-26; North Billerica shop 11-15/358-367 & 12-13/561-567; Hoosac tunnel electrification 11-11/501-504; YMCA at Mechanicville 3-05/95-97

Brunswick & Birmingham RR: Business car 2-03/85;

Buffalo Rochester & Pittsburgh RR: #194 4-6-0 4-99/56-58; #152 or 162 4-4-2 1-02/3-6; #506 2-10-0 11-07/393-396; #13146 coke car rebuilt & gond. #10391 8-15/283-284;

Burlington & Missouri River RR in Neb. : 2-8-0 9-98/127;

Burlington Cedar Rapids & Northern RR: #77 4-4-2 12-00/641-642;

Butte Anaconda & Pacific RR: electrification 8-13/408-411; Electrified 3-14/113-118;

Calumet & Blue Island Ry: Page center sill dump car 8-96/119-120;

Canadian Northern Ry: Box car 60972 8-13/377, 381; #2134 2-8-0 10-13/480-481; Diner 1-16/24-29;

Canadian Pacific Ry: Standard design for division yard and engine terminals 7-89/123; #1201 2-8-0 12-01/386-387; #802 4-6-0 7-02/258-259; Observation rail motor car to take people site seeing around Banff 8-02/303-304; Cupola obs. car for Rockies 9-02/333; 4-6-0 1-03/7-9; #1613 2-8-0 11-04/461-463; Angus Shop, Montreal 4-05/113-115 & 5-05/156-159 & l 9-06/289-295 & 10-06/323-329 & 11-06/357-362; Refreshment car 2-07/47-48; Dining car 6-07/187-188; 0-6-6-0 loco. 5-10/164-172; London, Ont. roundhouse 10-11/448-453; Calgary shop L/O 3-12/101; Sleeping car "Granite"? 3-13/113-114; Box car 6-13/236; Calgary shop 6-13/245-251; Steel coaches 5-14/199-201; Angus Shop 6-14/251-255 & 8-15/282-291; Moncton apprentice program 6-14/263-268; Stock car #271243 12-14/555-556;

Central New York Southern Ry #101 McKean car 7-14/351;

Central of Georgia: Macon shop layout 8-09/330-331; Macon shops 1-12/4-10;

Central RR of New Jersey: Jersey City train shed interior photo, 4-89/69; #590 4-4-2 2-02/39-42 #624 4-6-0 7-02/257-258; #133 4-4-0 pix 2-03/84; #852 4-4-0 2-06/58; Stock car 12-06/499-501; Communipaw terminal layout 8-14/388-392;

Central Vermont RR: #407 2-8-0 8-05/280-281; #30000 hopper car 1-14/28;

Chesapeake & Ohio RR: Employee hospital at Clifton Forge 2-98/17; 2-8-0 11-98/152-153; Hopper car 22001 4-01/102 ?;40 ton box cars 1-02/12; 4-6-2 $147 boiler drwg 8-02/296-297;#147 10-2-/358; #83 4-4-2 10-02/358-360; Huntington shop expansion 3-11/81, 83-87; C#186 4-6-2 12-14/537-540;

Chicago & Alton RR: #49 0-6-0 3-91/38; Water sta. at Sag Bridge near Lemont, Il 6-00/336-339; Rebuilding the track 1-01/33; 55 ton hopper car #26000 and scale test car #3000 6-01/229; Grill room diner 11-02/41 4; 4-6-2 4-03/163-167; 4-6-2 8-04/338-339; #605? 4-6-2 9-08/235-237; #629 4-6-2 & #138? 2-8-0 5-09/173-175; Bloomington loco shop 9-11/408-413 & 2-15/49-55;

Chicago & Eastern Illinois RR: 2-6-0 10-92/165-166; #173 4-8-0 11-00/588-589; Danville shops 6-04/185-194;

Chicago & North Western RR: Chicago shop laboratory, 5-89/77; Business car 9-90/152; Loco. test plant 6-95/85, 90-91; Elmhurst water tank 4-96/62; YMCA building at Chicago shops 2-97/26-27; Loco. classification book (first RR to do it?) 10-99/255-256; Dynamometer car #1964 6-00/309-318;Clinton, Ia roundhouse 9-00/498-505; Clinton oil house 3-01/78-81; "Overland Ltd." new cars 5-02/161; History of RR 2-03/71-72; Air brake inst. car #181 8-03/357-358; Chicago shop enlargement 12-10/520-523; Golf luncheon car for "Golf Special" train to Waukegan 8-15/279; Proviso engine terminal 9-12/421-423; Obs. lounge car #7302? 12-15/400-401;
Locomotives: 4-4-4T 9-96/133-135; #154 "Bartholomew" 4-4-0 1864 built by C&NW 7-98/74-75; #208 4-4-0 6-99/51, 53; 4-4-0 "Missouri" 6-00/300-302; #1015 4-4-2 8-00/428; Old loco 9-00/479-487; #1026 4-4-2 with Young rotary valves 12-04/495-499; #1393 4-6-0 8-07/284-286; #1724 2-8-0 11-10/472-473; #803 4-6-0 special spark arrester 6-11/236-237; #2043 0-6-0 5-13/202-203;

Chicago & West Michigan RR: Coaling sta at New Buffalo, Mi 10-91/148-150; 50' lumber car 1-96/4;

Chicago & Western Indiana RR: #213 2-6-0 6-14/249-250; #102 2-6-2T 3-05/84-86; Loco. term. at 49th St. 12-07/433-439;

Chicago Burlington & Quincy RR: Box car 30T 2-96/20-21; Model workingman's village at West Burlington, Ia for shop men 12-99/378-383; Diner 4-01/100-102 & 5-01/146-147; Wood hopper cars 10-01/36-37; Box car #91000 1-02/8-10; Test car 5-02/147-152; Diner "La Crosse" 10-02/360-361; Cafe parlor car 11-02/406-407; Gondola 11-03/512-515; #81003 Gondola 12-03/546-548; #112 diner "Billings" 1-05/13-14; #201701 air brake inst. car 4-07/115-117; Dump bottom gondola #78000 6-08/147-149; Havelock Neb shop 1-11/4-9 & 6-13/230;
Locomotives: 2-4-2 10-95/158 & 12-95/186-188; #1592 4-4-2 6-99/51-52; #580 2-8-0 3-03/121-125;#2700 4-4-2 8-04/328-330; 4-6-0 with wide firebox 10-04/402-403; #2850 4--6-2 7-09/250-252; #2951 4-6-2 & 5305 2-8-2 12-15/390-392; #5038 2-8-24-11/131-133; #1548 0-6-0 5-13/202-204;

Chicago Great Western RR: #151 2-6-0 9-98/120; Buffet coach 9-98/128; Oelwein shop L/O 3-00/110-136; Social hall at Oelwein shop 5-00/263; Air brake inst. car 5-00/244; Furniture car #50132 2-01/34-35; #264 2-6-2 5-02/162-163; Brief history 2-03/82-83; Cafe parlor car #169? 1-04/26-28; #716 2-8-2 7-16/220; #503 4-6-0 & 338 2-8-0 3-10/84-86; Converts 2-6-2 to 2-6-6-2 10-10/431-433; #708 2-8-2 9-12/419-420; Stockton terminal and new division point 2-11/45-46; #609 2-6-6-2 2-11/62-63; Loco. standardization 3-11/90-91; #1050 storage battery car 5-13/182;

Chicago Lake Shore & Eastern Ry: Page dump car 12-96/187; Kirk Yd, Gary, Ind & engine terminal 9-08/237-240 & 10-08/263-265; Box car 50 ton 11-08/294;

Chicago Milwaukee & Puget Sound RR: Rotary snow plow #12 12-10/527-531; #301 gas el. car 3-13/98-99; Auto cars 50' #206501 3-12/102-104;

Chicago Milwaukee & St. Paul RR: Wood ore car 5-01/190; #399 4-6-0 & 917 4-4-2 1-02/13-14; #1166 0-6-0 8-03/359-362; Gond. coal car 50 tons 2-04/41-44; West Milwaukee shops and yards 2-04/47-51; #851 4-6-2 4-05/116-119; Furniture car 2-06/50-52; Buffet car 10-09/402-404; #3101 4-6-2 3-12/86-88; Electrification 1-15/15-18 & 11-15/375-376.

Chicago Rock Island & Pacific RR: Goodlands, Ks, car shop 4-89/67-68; Blue Island frt. yard 10-92/170-171; #1001 2-6-6T 5-93/84; #1101 4-4-0 6-96/88; #1301 4-4-2 5-01/145; "Golden State Ltd." cars12-02/451-452; #1603 2-8-0 5-03/213-216; East Moline, Il shop & l/o 11-04/455-459 & 12-04/490-494; #75916 combination stock and dump car 12-05/430-433; Ganz steam motor rail car 4-07/123-124; #1901 2-8-0 12-07/445-446; #2552 steam motor car 8-08/207-210; El Dorado, Ark shops 1-09/4-5; Gas rail motor car #2553 8-09/343-344; Silvis shop 11-09/440-441; Steam motor car 2-10/37-40; Auto box car #261381 11-12/493-496; Box car #32556 12-12/565; #961 4-6-2 & 999 4-8-2 3-14/105-108;

Chicago St. Paul Minneapolis & Omaha RR: #339 superheated 4-6-0 9-05/310-312;

Cincinnati Hamilton & Dayton: Pitts. Loco Wks 4-6-0 4-94/56; Lima, Oh shops 11-98/154-155; Gondola coal cars 6-02/204; #28 0-6-0 3-09/75-77;

Cleveland Cincinnati Chicago & St. Louis RR: Brooks 4-6-0 9-90/150-151 + insert; Wabash shops, Ind. L/O 6-95/95-96 & 8-95/124; #201 4-4-0 9-

95/142-144; Dynamometer car 6-99/31-37; Pan American Train exposition 9-01/280-282; Brief history 2-03/81-82;
Clinchfield RR: 500s 2-6-6-2 9-09/378-379; #550 2-6-6-2 & #151v4-6-2 12-10/387-389;
Colorado & Southern RR: #900 2-10-2 12-15/390-392;
Colorado Midland EE: side dump car 12-02/452-453;
Colorado Springs & Cripple Creek District RR: #1 2-8-0 4-01/109; #101 2-6-2 3-01/69;
Cumberland Valley RR "Pioneer" loco. preserved 2-05/76
Deepwater RR: 1-06/4-5
Delaware & Hudson RR: #121 4-4-0 6-95/94-95; #349 2-8-0 12-99/384-385; #870 gondola 6-01/3; #1011 2-8-0 11-06/374-376; Insp. loco. "Saratoga" 11-04/467; #608 4-6-2 1-15/24-26; #1600 0-8-8-0 8-10/348-352; #1608 0-8-8- 0 9-11/427-429; Carbondale roundhouse 1-12/14-16; Watervliet eng. term 10-12/465-469; Watervliet shop 6-13/229; YMCA at Mechanicville 3-05/95-97
Delaware Lackawanna & Western RR: #15 4-6-0 5-93/79; First wide firebox loco on the RR, #17, "Lehigh" 10-93/171; Coach #866 11-93/187; #808 4-8-0 11-99/346-350; #1005 4-6-0 5-00/230-232; #975 4-4-0 6-01/190; Box car 36' 2-02/42-43; Past and present 2-03/73-75; #1012 4-6-0 11-05/410-411; Kingsland pass. car shop 4-06/107-110; Keyser Valley Frt. car shop 2-07/42-45 & 3-07/83-85; Kingsland Shop paint dept. 4-07/144-145; #1171 with Reigel water tube fire box 3-15/105, 107, 87; #1131 4-6-2 1-16/4-5; Scranton blacksmith shop 1-11/20-25; Box car #39750 8-13/378-379, 381; #1167 4-6-2 1014/479-481;
Denver & Rio Grande RR: Dining car 10-01/ 307-308; Pueblo roundhouse 12-06/491-496 & 1-07/5-8; 1075 2-8-8-2 2-13/50-52;
Denver Northwestern & Pacific RR: Snow fighting 4-10/117-119;
Des Moines Northern & Western RR: high bridge 5-02/3;
Detroit & Toledo Shore Line #15 2-8-0 1-14/17-18;
Detroit River Tunnel Co. El. loco. 5-08/132-133;
Duluth & Iron Range RR: Sand House 9-05/301; 307 2-8-2 6-16/188-189
Duluth Missabe & Northern RR: Ore car #20000 3-16/79-80; #402 4-6-2 11-53/533-534;
East Broad Top RR: Hopper car #805 6-13/264;
East Tennessee & Western North Carolina RR: #7 36" gauge 0-8-0 2-07/59-60;
Erie RR: 4-4-0 designed by loco. engineers 4-93/64; Hopper car 49377 pix 1-02/2; #1565 2-8-0 9-02/323-326; #2511 4-6-2 with superheater 6-05/202-203; Reefer #62100 8-05/279-280; Sand house 5-05/145-153; To electrify Rochester Br. 8-06/269-270; #2600 0-8-8-0 12-06/487 & 9-07/316-319; All steel coach #1030 12-07/452-453; #2500 or 2560 4-6-2 11-08/291-292; Rochester Br. electrified 9-11/432; #3001 2-8-2 2-12/44-46; Hornell apprentice program 5-14/185-191; Triplex loco. 5-14/196-198; Mason bogie loco. 4-15/139-140; Stillwell suburban car #2000 10-15/326-328; 80 years history 12-15/409-411; #4102 2-10-2 5-16/156-159;
Erie & Wyoming Valley RR: #35 2-6-0 11-94/182
Fort Worth & Denver City RR: #405 12-15/391;
Georgia RR: #301 2-8-2 4-15/117-119;
Gilmore & Pittsburg RR: Gondola car #300 6-12/266;
Grand Central Depot (NYC) Terminal and Park Ave. 9-15/290-292
Grand Trunk RR: Wedge snow plow #15 11-96/168-169;#909 2-6-0 5-98/61-62;; Coaches and diner 1-02/10-11; History 2-03/68-71; Battle Creek loco. shop 4-07/124-127 & 3-09/79-85; Stratford, Ont. shop 3-09/90-94; Apprentice system 2-10/41-44; #1544 4-6-4T 3-15/86, 106; #544 2-8-2 1-14/17-18; #26299 box car & 32989 automotive car 1-14/26-28;
Grand Trunk Pacific Ry: #1108 5-12/171-173; Oil fuel facilities 9-15/293-296
Great Northern Ry: #405 4-8-0 1-92/6; #100 4-8-0 1-98/8-11; #150 4-6-0 10-98/138-140; #1520 2-6-2 10-06/343; 2-6-6-2 11-06/370; 0-6-0 12-03/544-546; #1424 4-6-2 8-06/263; Performance of 2-6-6-2 5-07/160-161; #1820 2-6-6-2 8-07/273-275, 278-279; St. Paul oil house 11-07/377-381; #1438 4-6-2 11-07/381-383; Tank car #295601 8-13/381-382;
Guelph Radial Ry, Ont. El. loco 2-12/66;
Hannibal & St. Joseph RR: 2-6-2 6-01/224;
Hocking Valley RR: sand house 9-05/303; Logan, Oh. car shop 6-09/238-239 & 4-12/150-152; #88 4-6-0 & #168 2-8-0 12-10/519-520;
Hudson River RR: "David Upton" 4-4-0 4-15/139
Idaho & Washington Northern RR: Spirit Lake, Id shops 3-09/72-75;
Illinois Central RR: World's Fair suburban car 9-92/147-148; #640 4-8-0 10-99/302-305; #639 2-8-0 1-00/17-20; IC & Univ. of Ill. dynamometer car 7-00/369-375; Pension plan 7-01/285; IC & Univ. of Ill. test car #17 9-01/274-278; #64 4-6-0 with Vanderbilt boiler and tender 10-01/318-319; Stock cars 3-02/86-87; #1000 4-4-2 4-02/112-113; Side car suburban car #1051 10-03/424-430; Box car #45621 12-04/487-489; Birmingham, Ala shop 5-08/115-117; #947 2-8-0 & #1053 4-6-2 12-09/498-500; Champaign terminal 6-12/252-258; #957 2-8-0 2-12/59-61; IC box cars #173491 & Reefer 58341 7-16/231-232; Centralia eng. term. 2-13/57-63; Box car #141781 10-13/485; Box car #162099 12-13/572-574; Gasoline car by Gen. El. Co 10-14/491;
Intercolonial Ry: Loco 2-97/23-24; #233? 4-6-0 10-01/319-320; Ganz steam motor car 10-07/354-355; Steam motor car built in their shops 12-07/449-451;
Iowa Central RR: #200 2-6-0 10-08/266-268;
Kansas City & Westport Belt Ry #1 B-B electric loco 4-07/138;
Kansas City Mexico & Orient Ry: Wichita shop 4-10/134-135 & 6-11/230-236;
Kansas City Southern RR: #434 2-8-0 6-03/249-252; Pittsburg car & loco shop 1-08/3-11; Sand column 4-08/92-93; Shay loco. 9-15.288-289;
Kentucky & Tennessee RR #7 2-8-2 6-08/158-159
Kentucky Central: Covington shop L/O 1-921/11-13;
Lake Shore & Michigan Southern RR: #599 4-4-0 6-93/101-103+insert; 40' furniture box car 8-93/134; #599 4-4-0 & #? 4-6-0 11-95/172-174; Gondola coal car 3-96/36-37; #107 4-6-0 1-97/12; RPO car #207 or 407 4-98/47-48; Pile driver 9-98/121-123 & 10-98/140; #316 2-8-0, #342 4-6-0 & 0-6-0 5-99/66-67; Buffalo pass. car repair shop 6-00/153-155;
Lake Superior & Ishpeming RR #4 2-8-0 9-96/144; #602 4-6-0 12-99/403-405; 2-6-2 4-01/142-145; Coaling sta. at Butler, Ind. 9-01/358; #1000 2-8-0 1-04/12-16; Elkhart roundhouse and engine terminal2-05/49-52 & 3-05/81-84; #4598 0-10-0 8-05/278-279; #4597 0-10-0 in service 11-05/414; #4724 2-6-2 6-06/103; #30 "Cleveland" 4-4-0 insp. 9-06/298 & 107/19-21; #4008 2-8-2 5-13/177-179; Air Line Jct. new shop and engine terminal 4-14/145-148; #5898 0-8-8-0 6-14/235-237;
Lehigh Valley RR: 30 ton twin hopper gondola, 9-89/154; stock car 10-89/173; Black Diamond fast runs 11-00/602; Black Diamond new cars 11-00/324-325; Evolution of coal cars from 6 ton jimmie to 50 ton hopper 8-02/299; Dining car #355 1-03/3-4;history 2-03/78-79; Sayre roundhouse 4-16/126-127; #1622 4-6-0 10-05/345-346;
Long Island RR: New Jamaica shop and engine terminal 2-90/23-24; Steam transfer table with 0-4-0 dummy loco. 4-91/32; #153 2-8-0 3-99/37-39; Organization of Morris Park shop 8-15/257-264;
Louisville & Nashville RR: Howell shop plan 11-92/193-194; #4 4-6-0 1-93/10-11; 40 ton gondola 11-01/342-344; Dining Cars 12-01/391; Early locos 11-15/368-369; South Louisville shops 11-05/397-401 & 12-05/441-447 & 1-06/17-21; #199 4-6-2 7-12/280-281; YMCA at New Decatur, Ala 3-05/95-97
Louisville New Albany & Chicago RR: Lafayette, Ind. shop 4-95/58-59;
Maine Central RR: history 2-03/80-81;
Manitou & Pikes Peak Ry: Rack loco. 8-06/267-268
Michigan Central RR: #284 4-6-0 (first photo reproduced in the magazine) 1-90/6; Horse express car 1-93/8; Dining car 3-93/47; Susemieh coaling chutes 3-95/43; #480 4-4-2 10-01/314; Box car with steel frame #44498 12-03/554-555; Detroit River tunnel el. loco. 5-08/132-133;
Milwaukee Lake Shore & Western RR: Business car 6-90/96; 2-6-0 7-90/109-110;
Minneapolis St. Paul & Sault Ste. Marie Ry: Sleeper 10-02/355-356; Reefer car #11006 9-12/426;
Minnesota & Northern Ry: McKean gasoline switcher #1, 9-13/425-426
Missouri Kansas Texas Ry: Denison, Tx sand house 4-95/61-62; Sedalia, Mo car shop 4-99/50-51;
Missouri Oklahoma & Gulf RR #403 2-8-2 2-16/36-38; Gas el. car #103 1-13/20-21; 2-6-6-2 1-13/34-35;
Missouri Pacific RR: #1118 4-6-2 8-02/293-294; Sedalia, Mo shop 3-06/79-86; #98 2-8-0 10-07/366-368; Dupo Yd at St. Louis 4-11/137-139; Hoisington, Ks shop 1-13/4-6; #32-1? 4-8-2 11-13/529-531;
Mohawk & Hudson RR: *DeWitt Clinton's* first run 12-90/207-208
Morgan's Louisiana & Texas Ry: McKean Car #1002 3-14/98
Motley County Ry: McKean gas switcher loco. 12-14/552-553
Mount Washington Ry: 4-16/141-142;
Nashville Chattanooga & St. Louis RR: #280 4-6-0 2-06/54; #229 2-8-0 8-11/372-373;
National Transcontinental Ry: Winnipeg shops 2-16/51-55; At Winnipeg, St. Boniface 10-10/426-432; Quebec shop 1-14/19-21; Car ferry at Quebec 12-14/562-563;
Nevada Northern RR: #5 2-8-2T 2-07/56;
New England RR: #56 2-6-0 1-96/13-14;
New Orleans Great Northern RR: Bogalusa shop 4-08/104-105 & 10-09/429-437;
New York & New England RR: 2-6-0 8-89/135-136; Thru train over L.I.RR to Boston and four train wreck near Boston c. 1900 9-15/292;
New York Central RR (see also Michigan Central, Lake Shore & Mich Sou, Cleve. Cinc. Chi & St.L): New Oak Grove shops at Avis, Pa. 6-02/190-194; Air brake inst. car 9-02/327-328; West Albany erecting shop 11-02/403-404; History 2-03/76-77; 20th Century obs. car 4-03/171-172; New East Buffalo roundhouse 8-08/210-211; West Albany Shop L/O 10-10/443-447; Movie pictures shown in safety car 1-16/41-43; Steel suburban cars 1-06/2-3;
Locomotives: #999 4-4-0 boiler 6-93/103+insert; #1743 2-6-0 4-00/212-213; #786 2-6-0 12-98/168; #3000 4-4-2 6-04/199-202; El. locos 8-04/340-342; #6000 and test train near Schenectady 7-07/252; #2749 2-8-0 6-05/203-204; #3565 4-6-2 5-08/126-128; #4823 4-6-2 11-07/388-390; Mallet loco. test #1375 2-6-6-2 on Pine Creek 12-11/535-540; #3247 B-B-B-B el. loco 5-13./189-191; #5787 repair history & classification book drwg 2-07/41-42; #5962 2-8-0 5-06/139-140;
New York Chicago & St. Louis RR: diner 5-01/144; #128 2-8-0 7-02/255-257; YMCA at Bellevue, Oh 3-05/95-97
New York Lake Erie & Western RR: #321 4-6-0 boiler 4-90/56-57 & 5-90/78; Hopper gondola 6-94/91;
New York New Haven & Hartford RR: #424 2-6-0 10-96/154-155; Air brake inst. car 8-98/105-207; #426? 0-6-0 11-02/405; Reedville car shop 4-04/140-141; El.Loco. #01 5-6/150-154; #1008 4-6-2 & 1100 4-4-2 3-08/70-73; El. operations 9-07/321-322; El. Loco. #020 10-07/361-364; Cedar Hill yd and engine terminal 11-11/505-509; #0215 el. loco. switcher 8-12/374-375; #073 el. loco 11-12/519-523; Oak Park yard electrification 6-14/255-256; YMCA at Springfield, Mass 3-05/95-97
New York Ontario & Western RR: Middletown car paint shop 6-07/210-212; #353 2-10-2 5-16/156-159; Sandhouse 12-05/438;
Newburgh & South Shore RR: Steel gond. 3-07/88-89;
Norfolk & Western Ry: First class coach 3-94/46-47; Box car 40 ton 5-02/164-165; Electrification 10-15/320-321; Concord, Va. coal dock 1-09/13-14; #308 2-6-6-2 9-13/447-449;
Northern Pacific Ry: Tacoma shop 8-9x (prior 1897)/115-116; #3 4-8-0 4-97/52-54; 2-6-0 with novel spark arrester 8-98/110; Ballast unloader mechanism for cars 11-98/156; Feedwater heater on 2-6-0 12-98/164-165; 35 ton flat car 3-01/72-74; First time card of RR in 1871 & first locos 1-

011/2-4; Steel frame hopper car 10-98.136-137; #32 2-8-0 2-99/18; #152 4-6-0 12-99/376-377; 2-6-2 combustion chamber 10-06/341; #2175 4 cyl. compound 12-06/478-482; #1222 2-8-0 10-03/433-435; #1517 2-8-2 1-05/8-11; Sand tower 12-05/439-440; #310. 1608 , 2378 9-06/299, 301; Obs. car rebuilt for Livingston-Gardiner trains with high windows 4-13/137;
Old Colony RR: #149 4-4-0 photo 3-90/46; #232 4-4-0 compound 6-92/93; #147 4-4-0 4-15/140-141;
Oregon Short Line RR: #585 0-6-0 3-01/92; Pocatello shop 6-02/196-199; Sandhouse 9-05/303-304; #875 3-06/90; Pocatello shop layout 6-14/241-243;
Palmer & Machiasport RR "Lion" 1-00/9-10;
Pennsylvania RR: Hopper bottom gondola, #61401, 1-89/adv. vii; Day coach #953 12-89/adv. page IX; Camden & Amboy Camden shop layout 5-90/76-78; Double decker stock car 1-92/7-9; Furniture car 40' 6-92/89-90; Krupp gun car 4-93/61-62; Hopper car 35 ton 10-95/160-161; Pension plan installed 1-00/21-23; Box car #85051 8-02/59; Gondola 50 ton 1-03/11-12; Kinsman St. (Pittsburgh?) sand house 8-05/273; Altoona shop inside photos 1-07/11-13; Trenton loco. shop 5-07/162-165 & 6-07/190-196; Altoona test plant 8-07/296-298; All steel pass. cars 8-08/276-278 & 9-07/325-327 & 10-07/357-360; Dynamometer car 11-07/385-388; 100 ton wrecker 4-09/110; Solid steel pass. train 3-10/87; Reefer car class R-7 4-13/133-136; Box car class X-24 #40001 6-13/234, 237; Tyrone pass. train wreck 10-13/478; Box car #40001 12-13/551; All steel box car #29001 8-14/369-372; Electrification 12-15/412-415; All steel box car #29001 1-16/6-7; Loco. test plant at Louisiana Purchase Expo 6-04/212-215; YMCA at Tyrone , Pa 3-05/95-97
Locomotives: Class P 4-4-0 3-95/40 & 4-95/56 & 8-95/126 & 9-95/146-147; Compound loco 10-95/154; Class L 4--4-0 #1651 & class F1 2-6-0 1-96/10-13; #1853 4-6-0 11-01/415; #7452 4-4-2 compound 12-05/429; Experimental locos. DeGlehn compound #2512 & Alco balanced compound #2760 & Walschaert gear #2761 & #2762 Stephenson gear & 4-4-2 Baldwin bal. compound 2-06/42-46; #7067? 4-6-2 9-08/291-293; Experimental el. loco #10001 11-07/397-399; DD-1 el. loco #3996 11-09/438-440 & 3-11/105-106; Locos L-1 & K4 7-14/351-353;
Pere Marquette RR: Brooks locos. #217, 398, 349 6-01/178-179; Grand Rapids shops 2-05/54-59 & 3-05/86-92; #396 4-4-2 built at Grand Rapids shop 9-11/423; Grand Rapids roundhouse 12-11/543;
Philadelphia & Readings RR: #61401 gond. 1-89/Adv. page VII; #385 4-2-2 9-95/138; Gondola 35 ton 1-00/10-13; History 2-03/77-78; Oil handling plant of Port Richmond 8-12/378-380; St. Clair yard and terminal 9-12/398-405; #1600 2-8-0 6-13/254-257; #1700 2-8-2 8-13/371-373; Box car #11611 8-13/375-376; #100 4-4-2 insp. loco 10-13/464-466; #110 4-4-4 8-15/257-258; Reading Belt RR coal dock at Reading 12-01/375-377;
Pittsburgh & Lake Erie RR: McKee's Rocks roundhouse 12-01/392-395 & 8-05/271; Gondola #3901 pix 1-02/2; Pittsburgh pass. train shed 9-02/4; Flat car 75 ton 9-05/313-314; Heavy 0-6-0 9-06/3-8; McKees Rocks frt. car shop 8-07/269-273; 2 unit gas-el. train with #500 3-13/108; McKees Rocks yard lighting tower 11-14/513;
Pittsburgh Bessemer & Lake Erie RR: Hopper car all steel #5502 7-97/98; #150 2-8-0 7-00/375-377;
Pittsburgh Cincinnati Chicago & St. Louis RR: 0-10-0T 12-96/186;
Pittsburgh Fort Wayne & Chicago #26 4-4-0 inside connected 4-15/139;
Pittsburgh Junction RR: #9 2-8-0 5-95/76;
Pittsburgh Shawmut & Northern RR: 2-10-2 3-07/81-83;
Providence & Worcester RR: Tool car 3-89/42-44;
Quannah Acme & Pacific RR #101 2-8-0 10-15/329-330;
Reading RR: See Phila. & Rdg. RR.
Richmond Fredericksburg & Potomac RR: Boulton shop 4-09/119-121; #2 4-6-2 1-16/14-15;
Rio Grande & Eagle Pass RR: Roundhouse at Laredo, Tx 8-03/362-363
Rio Grande Western RR: #300 2-8-0 9-00/488-490;
St. Clair Tunnel Co: Layout of tunnel, yards, tracks and engines 12-08/338-346;
St. Joseph & Grand Island RR: #6 4-6-0 11-98/156-157
St. Louis Iron Mountain & Southern RR: YMCA at Van Buren, Ark 3-05/95-97
St. Louis San Francisco RR: #188 4-4-0 7-02/261;#1228 2-8-0 2-08/42-43; #409 4-6-0 4-08/106; Springfield, Mo shops 10-07.341-348 & 9-09/362; #1034 4-6-2 & 1280 2-8-0 5-10/175-178; #1058 4-6-2 10-12/480-482;
St. Louis Southwestern RR: Tender and RPO vestibule 11-95/176-177; Gas el. rail car 9-14/414
St. Paul and Duluth RR: Air brake repair and instruction bldg. 10-99/262-269
Seaboard Air Line Ry: #557 4-6-0 3-97/41-42; Portsmouth, Va shops 3-04/86-90; #205 4-8-32 11-15/356
Southern Ry: #607 2-8-0 4-04/121-122; #109? 2-6-0 superheated 10-05/347-348; 4-6-2 506/148-149; #1200 4-6-2 6-07/198-199; Shay loco. 2-089/36-37; #551 2-8-0 8-08/219-220;
Southern Pacific RR: Sacramento shops & Engine term. 3-92/40-41; #2273 4-6-0 5-01/143; Furniture box car #60067 pix 12-01/392; #1586 4-6-0 12-01/392; Hospital car #119 1-06/8-10; All steel coaches 11-06/372-373; RPO #4097 6-07/208-209; #2335 4-6-0 oil burner 9-08/242-244; #4000 2-8-8-2 5-09/150-153; #4004 2-8-8-2 1-10/3-4; #4207 2-6-6-2 10-11/455-457; Tank car #49402 12-11/544; #704 4-6-0 boiler explosion kills 28 5-12/179-182;
Spokane Falls & Northern RR: Spokane Falls eng. term. L/O 3-90/47;
Spokane Portland & Seattle RR: #604 4-4-2 4-09/111-112; Gas el. motor car by Gen. El. Co. 11-14/524;
Sydney & Louisburg (Dominion Coal Co) #13 2-6-4 6-95/95; #15 2-8-4T 11-99/318-320
Tanana Valley RR: Storage battery car 5-13/181
Terminal RR Association of St. Louis: Shops 4-04/115-120; 5-04/147-154; Square engine house 10-04/386-390; New shop 4-04/115-120 & 5-04/147-154; St. Louis sand house 8-05/273; Brooklyn, Il. shops 6-09/227-230
Texas & Pacific RR: Ft. Worth shops 4-00/196-199;
Texas Midland RR: New pass. train 4091/121
Toledo Peoria & Western RR: #1? 2-8-0 4-95/57;
Union RR #158 2-8-0 8-16/256
Union Pacific RR: #768, 4-4-0, Wootten boiler, 4-89/adv. vii; 4-6-0 drwgs 11-89/187-188 + insert & 12-89/208-218; Shop & Eng. terminal plan 11-90/184-188; 30 ton coal gondola 6-95/88-89; 30 ton box car 8-95/123; #1701 4-6-0 2-96/24; #95 2-8-0 11-98/150-151; #112 4-6-2 4-04/130-132; Motor car #1 8-05/274-276; McKean car #2 & test run 11-05/405-406; Sand house 12-05/438; #21 4-4-2 10-06/336; All steel box cars #72850 4-07/128-130; RPO cars 8-07/286-288; all steel coach #199 with port holes 12-07/439-440; Head-on collision of two McKean cars 1-12/27-28; Box car #77662 6-13/235-238; McKean car train #M-23 9-15/305;
Vandalia RR: #36? 4-4-0 5-99/63; #173 4-4-2 12-02/447-449; Terre Haute shop L/O 2-10/55-56;
Ventura County Ry: motor car #603 1-14/37
Virginian Ry: Deepwater RR line 1-06/4-5; 2-6-6-0 6-09/221-224;
Wabash RR: 4-6-0 12-92/208-209; 60 ton 4 truck flat car 10-95/156; New cars including diner #134 9-01/285-287; Landers concrete roundhouse 5-06/137-139; East Decatur car shop 9-07./305-313; Box car 76199 6-13/233, 239; Decatur loco shop 11-13/509-518; #76199 box car 12-13/550;
Western Maryland Ry: #629 2-8-0 4-09/126-127; #781 2-8-0 8-14/393-395;
Western New York & Pa. 2-8-0 6-89/93-94
Western Pacific RR: #13 2-8-0 4-07/136-137; Library-baggage car #801 8-11/367; Jeffrey shop near Sacramento 9-13/419-425;
Wheeling & Lake Erie RR: 2-8-0 #20 6-02/201-202; #2401 2-8-0 12-13/558-560;
White Pass & Yukon Ry #69 2-8-0 10-08/275-276
Wisconsin Central RR: Brooks 4-6-0 1-91/4-5+insert; Tender vestibule 2-97/29l #227 4-6-0 6-98/76-78; Fond du Lac shop L/O 40-01/110-112; Broom Island roundhouse 2-02/44-46

ELECTRIC RAILWAYS, ELEVATEDS, AND SUBWAYS

Beaver Valley Tr. Co: semi convertible car 10-01/310-313;
Boston - Cambridge subway work car #0552 4-13/149-150;
Cape May Delaware Bay & Sewells Point Ry #1 B-B el. loco. 12-04/500-501;
Frederick RR (Md) #23 el. loco & 2nd el. loco 5-12/201-204;
Galt Preston & Hespler Ry: Loco. #40 2-14/47;
Holton Interurban Ry #5? Gas motor car of Hall Scott 1-14/36;
Hudson & Manhattan RR: Car elevator 4-08/108-109;
Illinois Traction Co: Wrecking crane #830 12-12/559; Coal storage pits 5-11/187;
Indianapolis & Cincinnati Tr. Co. Car #304 9-11/431;
Kokomo Marion & Western Tr. Co. 2-09/56-59;
Lake Shore Elevated RR: 0-4-4 loco 10-93/167;
Manhattan Elevated RR: 0-4-4 5-94/74-75; Fatal wreck 10-05/349-350;
Metropolitan West Side Elev. RR (Chicago) New cars #717 4-05/126-128;
New York Municipal Ry: suburban car #202 8-15/270-271
Oakland Antioch & Eastern Ry: El. loco. 4-14/143-144;
Ogden Logan & Idaho RR: 8-16/268-270; P
Piedmont & Northern: #5000 el. loco 4-12/157
Rock Island Southern Ry: Interurban car 9-11/430
St. Joseph Valley Tr. Co: #101 gas el. car built by F. M. Hicks co. 5-05/153-156
Spokane & Inland Ry: Electrification 9-11/429-430; #502 loco 1-13/25-26
Terre Haute Indianapolis & Eastern Tr. co. El. loco. #3 11-11/517-518
United Rys of St. Louis: Sand plant 5-12/193-196
Washington Alexandria & Mt. Vernon Ry: Service & Convertible car 10-01/310-313

PRIVATE CAR COMPANIES AND PRIVATE CARS

Allis Chalmers Co #101 100 ton flat 5-06/140-142
American Palace Car Co. obs. car pix 7-06/239;
American Tourist Association dining car 3-03/132-133
Arcadia Coal Co.(Nova Scotia) "Albion" early 0-6-0 10-92/168
Carnegie Steel Co flat car #1 built by Pennock Bros. at Minerva, Oh 12-95/186
Catholic Church Extension Society of the U. S. Chapel car 7-12/281-282
Contact Process Co #303 pix 1-11/36
General American Car Lines GATL tank car #1907 5-07/173
Illinois Steel Co #2 0-4-0T 10-08/274
Illinois Sugar Refining Co tank car #101 8-02/294-295
International Correspondence School & pass. car 10-13/484; Dynamometer car #300 8-04/333-337
Lackawanna Steel Co. Flat car #801 of Vanderbilt design 6-04/210-211
Lehigh & Wilkes Barre Coal Co #120 0-4-0 compressed air loco. 1-13/14
Mathieson Alkali Works #2 0-4-0T 5-95/78
Merchants Despatch Co: Reefer #25168 4-12/138
Milwaukee Refrigerator Transit & Car Co: Shop 6-13/275l reefers 4-04/124-125;
New York Glucose Co #1 0-6-0T 9-03/400-401
Pullman Palace Car Co: See CARS, PASSENGER
Riverside Western Oil Co R.W.O.X #601 tank car 6-16/211-212
T. N. W. I. Co ore car #2 6-12/241-242
United States Dept. of Agriculture refrigerator car 4-09/125
Vesta Coal Co: Compressed air mine loco #9 1-13/14
Wagner Palace Car Co; See CARS, PASSENGER
Wells Fargo Express Co: Horse car #221 2-00/91-93
Western Union Telegraph Co business car "Chicago" 11-06/383-385
Westinghouse Electric & Mfg. Co. depressed center flat car 9-11/437;

Woodward Iron Co high hoppers 8-16/271

FOREIGN
Argentina: Patagonia Ry class X freak loco 2-91/23
Australia: Queensland Ry McKean car 2-13/70-71
Austria: Brootin boiler design 4-06/116-117
Belgium State Ry #A-1 2-6-0 4-16/116; 2-4-2 10-94/165-166
Brazil: Central Ry of 4-6-0 & 2-8-0 5-07/166-169; #80 0-6-6-0 1-08/15-16; EFCB 4-8-0, 2-6-4T locos 11-94/172; Corovado Ry rack loco. 3-92/37
Cuba: F. C. de Yaguajay 27 1/2" gauge 4-8-0 4--06/121
Finland: #300 4-6-0 7-00/380-382
France: French State Rys #2752 4-4-0 5-99/69;
Eastern Ry of France (EST) dome roundhouse 12-00/648;
Northern Ry (NIORD) 3 cyl;. 2-6-0 compound 6-10/98-101;
Paris Orleans Ry DeGlehn 4-6-0 8-07/280-282;
Paris Lyons & Mediterrian Ry: 4 cyl. 4-6-2 11-11/512-515; Dynamometer car 4-94/58; 2nd class coach 9-06/320; 1st class coach 5-06/146; 4-6-0 compound 3-06/77-79;
Germany: J.K.B. #30 gas el. motor car 3-11/113-114;
Bavaria 0-10-0T 4-12/145-147; Bavarian State Ry electrification 23-10/81-84;
Prussian State Ry private car of Prince Henry "Columbia" 3-02/88; Steam motor car 8-09/327; Streamlined 4-4-4 9-04/358-362; Otto benzine (gasoline) loco. 2-00/77-81;
Great Britain: Loco. boilers 10-09/396-399; Loco. "Invicta" 1830 and Duke of Wellington pass car of 1830s-40s 11-10/474; 2' gauge Ry. motor car 3-11/109-110; Hetton Colliery loco. of 1822 still in service 2-03/45
City & South London Ry el. locos. 10-92/169-170
Grand Central Ry: Steam motor car 11-04/466-467; #165 4-6-2 & #866? 2-8-0 4-12/129-132;
Great Eastern Ry #1113 4-6-2T & #117 4-4-2 4-12/129-132; #1900 "Claud Hamilton" 4-4-0 1-02/8; 0-10-0 3-03/136-138 & 5-03/219-221;
Great North of Scotland Ry: Steam motor car 3-06/88-90;
Great Northern Ry: #1500 4-4-2 11-05/413
Great Western Ry: 4-6-0 with outside frames 4-01/145; DeGlehn compound 2-04/44-45; Oak Common eng. term. & yard 9-10/391-397; Gasoline electric pass. car 4-12/148-149
Liverpool Overhead Ry: Electric car 10-92/172
London & Northwestern Ry Webb compound #1301, 2-4-0; 5-89/75-76;
London & Southwestern Ry: Eastleigh eng. term 9-10/391-397; 4-4-0 & Griffin St. tower 12-15/406-408;
London Brighton & South Coast Ry: Electrified 4-12/139-142
Midland Ry #2501 2-6-0 5-99/88
Northeastern Ry of England 0-6-0T switcher with jib crane 9-93/148; York car shop 9-210/409-410; #733 4-4-2 3 cyl. 4-13/151-153; #2222 4-6-0 2-14/48-49; Gasoline drive insp. car 6-12/261-262
Greece: Govt. Ry 2-8-2 3-16/76-77;
Hungary: 4-4-0 Von Borries 4 cyl. compound 1-02/11
India: Madras Ry #67 4-4-0 4-01/142
Italy: Electrification 5-11/163-166
Japan: Features of 4-01/104-106; Coolie RR at Odawara 3-02/82-84; Dynamometer car 2-15/67-71
Kiushiu Ry 2-6-0 11-03/ 520-522
Nippon Ry 2-4-2T 2-99/23
Sanyo RR: Steel 4 wheel coal cars 11-01/339-341
Korea: Seoul Fusan RR 4-6-0 4-06/112-113; Seoul & Chemulpo RR #2 2-6-0T 3-98/34-35
Mexico:
Mexican Central RR: Johnstone 4-6-0 12-91/182-183+insert; Johnstone's 2-6-6-2 4-92/58-60 & 1-93/5; #207 2-8-2 first 2-8-2 11-97/164-166; #600 2-6-6-2 12-08/335-337;
Mexican Southern Ry: #18 & 20 2-8-0 & 4-6-0 7-02/259-260;
National Rys of Mexico #454 # 453 4-6-2 2-07/50-52; #420 4-6-2 compound 3-07/96-98; #405 4-6-0 9-02/331-333;
Southern Pacific RR of Mexico: Empalme shops 8-10/357-358
New Zealand: Govt. Ry #1 4-6-0 11-01 341-342; #? 4-6-2 11-01/344
Panama: I. C. C. #603 frt. loco. 8-05/266; Cristobal Shop 9-08/245-246; I.C.C. shop 4-10/115-117;
Russia: Southeastern Ry. of Russia #601 4-6-0 3-96/43-44; U. S. designed dump gondola 11-15/377-378; #E251 2-10-0 & #1001 2-6-0 4-16/116-118;
Serbia: Govt. Ry 2-6-6-2 & 2-8-0 3-16/76-78
South Africa: Central S. A. Ry. 2-6-6-2 3-10/78-80;
Sweden: Fire brick lining of fire boxes 11-93/191-192; Ystadeslop Ry 4-6-0 6-00/304-306
Switzerland: Simplon Tunnel el. loco. #367 12-09/477-480; Wengenalpbahn Rt rack and electrified ry 4-11/123-128
Zanzibar: Zanziba Ry 4-09/122, 123

BIOGRAPHICAL
Wm. F. Allen, introduced standard time, obit 11-15/381
Eugene V. Debs, labor organizer and law breaker6-95/85
Albert J. Pitkin, Pres. Alco obit 12-05/440-441
Wm. C. Van Horne, CPR builder, bio. 9-15/314
"Cy" Warman writer obit and last poem 5-14/184
George Westinghouse obit 4-14/149-150

CARS, PASSENGER see also CAR BUILDERS
Car building memoirs of 1860s to 1900s 6-11/218-220 & 8-11/377 & 9-11/421-422
Holland Palace Car Co - parlor & sleeping car for electric railways 2-04/55-57
Krehbiel sleeping car 11-92/186-188 &10--93/170
Lockwood compartment sleeper 4-93/63
Pullman Palace Car Co. exhibit at Chicago Worlds Fair 9-93/150-151; Lockwood compartment sleeper 4-93/63; Compartment sleeper 3-93/52; vestibule car 7-93/111-112
Wagner Palace Car Co. display at Chicago Worlds Fair 1893 10-93/169

CAR, PASSENGER COMPONENTS
Heaters Martin Anti Fire Car Heater Co design 9-89/158
Hoses, Air and Steam: Automatic connectors - Rutherford system, Forsythe system, Westinghouse system 6-07/212-216
Lighting - Dayton car lamp new design 2-89/36; Pintsch mantle gas lamp 10-97/368-369
Seats: Hale & Kilburn Mfg. Co. rattan and plush car seats, 2-89/ix;

CARS, FREIGHT
Box car designed for coal and live stock shipments also 2-01/54-58
Flat cars, depressed 9-11/437
Tank, 14650 gal. (largest up to 1911) 12-11/544

CARS, FREIGHT COMPONENTS
Trucks: Journal box packing 4-00/171-177; Cloud, Fox, Kindl & An. Std. Fdry car trucks 6-97/82-83; Std. Car Truck Co for 70 ton hopper cars 6-14/243

CARS, SELF PROPELLED - See CAR BUILDERS

CARS, NON REVENUE
Cyclone Steam Snow Plow Co: Auger rotary plow 6-89/Adv. Page VIII, 101; Tested 2-90/32
Rotary plows 1-13/9-13
Russell Car & Snow Plow Co: Wedge plows 1-12/35-36, 37
Daimler gasoline insp. car 12-96/191
Sheffield Velocipede Car Co 4 wheel hand car 9-91/142

CAR BUILDERS See also CARS, PASSENGER
American Car & Fdry Co. 79 cars in one day at Detroit Wks 5-01/139 (Note. Later on the Berwick, Pa. plant regularly built 100+ cars a day.)
Bettendorf Axle Co: Car works 11-08/304-305, steel car plant 4-11/131-?
Campbell & House combination box, stock & coal car 3-95/42
Chicago Steel Car Co: Tank car #10002 5-10/172-174Drake gas electric car 1-13/20-21
Elliot Car Co: Vestibule box car 8-94/129
F. M. Hicks Co: Loco. repair and car shop 11-02/411; 1-03/35 & 2-03/66-67 & 8-06/278-281
G. C. Kuhlman Car Co gasoline car 1-08/20-21
Ganz & Co. steam motor car 1-05/3-7; 4-07/123-124
General Electric Co: Gas. el. car 3-08/79-81
Goodwin Mfg. Co 8000 gal. tank car #3, 3-08/74-76
Hall Scott Motor Car Co: Gasoline cars 1-14/36-37
Harvey Steel Car Co: Steel ore car 6-91/86-87; steel box car 6-93/99
Hodge proposed 68' steel box car with three trucks 3-92/39
J. G. Brill Co: 2 story transfer table 7-02/263-264
King Lawson dump cars 2-06/55-56
Kobusch-Wagenhais steam motor car 11-06/384-387; 2-10/37-40
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McKean cars 1-12/37-38
Milwaukee Car Mfg. Co: Facilities 12-10/552-553
Prouty Gasoline Car Co. 11-09/444-445
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Water softening plants 5-10/155-161

Water Tank, evolution of 8-16/261-264

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Electric Loco. comparison 4-16/137-139
Freak locos: Geo. A. Bothwell 4-4-0 9-07/323-324
2-8-2 - first - for Mexican Central RR #207 11-97/164-166
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Pulverized coal 3-16/81-84
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Purdue Univ. Loco. test lab 6-92/94-96 & 9-96/138-141
University of Illinois: Loco. laboratory 4-13/141-147l Dynamometer car #17 8-09/235-236

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RAILWAY PROGRESS 1947 - 1958

This monthly magazine was the publication of the Federation for Railway Progress which had been formed by Robert R. Young. His thinking differed from most railroad management. The magazine recognized that railroading was people, and it regularly recognized the efforts of non managemente. Most of the articles are general. Many discussed govern-ment restrictions. The magazine had numerous railroad cartoons. When the Federation closed and the magazine was discontinued, the last publication recognizing the working railroaders had ended as had railroad cartoons. The magazine often gave a more balanced view point than trade journals. It was discontinued after the death of Young in May 1958.

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CHICAGO RAILWAY REVIEW 1868 - 1879
RAILWAY REVIEW 1879 - 1897
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RAILWAY REVIEW 1914-1926

The *Chicago Railway Review* began May 7, 1868 in a newspaper format, 19" x 24.5", with 4 pages. The issue was reproduced in the May 7, 1898 issue, but has since been lost as has happened to all those up to the Dec. 30, 1876 issue. Chicago was fortunate in having several railroad magazines including *Railway Age, Railway Review, Railway Master Mechanic*. When organized it competed with the *Railroad Gazette* published in New York but originally published in Chicago. Many articles and news items appeared in both magazines. It carried current news and new locomotives. (At least five magazines carried new locomotives, and few locomotives didn't appear in at least two.) I did not index the news items except for 1886 because I indexed them in Railway Age which lacks an 1886 index. These items give only the year, 1886/page number.

Unlike other magazines, it did not carry an annual index until volumes 18-19, 1879, and that carried only regular articles - no news items. As with weekly magazines there were two volumes per year, bound together in a single volume. On June 21, 1879 *Chicago* was dropped from its name. During the 1880s it carried many railroad items but very few were more than a paragraph. In 1877 and probably earlier it was carrying a special section devoted to narrow gauge railroads, and in 1880 began to carry railway patents.

In 1887 after the Interstate Commerce Commission was created, the magazine had numerous articles which I did not index on it. See the index of the volume for them. Also on air brakes. Photographs first appeared in 1889.

After 1900 I indexed few locomotive articles because they all appeared in other magazines that are easier to find.

The bound volumes I looked at had a fair number of pages clipped. I hope that I was able to index all pertinent articles.

The magazine seemed to be doing well editorially right up to its end in December, 1926 thereby leaving *Railway Age* the sole survivor of the general interest magazines.

Due to limitations when indexing many of the listings are not in chronological order. For most I used the issue date but in 1879 the volume #18 or 19. At the locations I visited I was unable to index volumes prior to 1877 (Vol. 12 & 13).

UNITED STATES AND CANADIAN STEAM AND ELECTRIC RAILROADS

Abitibi Southern Ry: Proposed, Amos, Ont. to Mt. Laurier 6-6-25/1003-1006;

Addison & Northern Pennsylvania RR: 1886/258;

Adirondack RR: #5 4-4-0 7-31-97/437; 1886/487, 499

Alabama & Vicksburg RR: Vicksburg improvements 5-18-01/316-317; Floods & washouts 11-5-10/1024-1027; Vicksburg loco. shop 2-16-24/305;

Alabama Grand Trunk RR: 1886/163;

Alabama Great Southern: 1886/many;

Alamogordo & Sacramento Mountain RR: 7-19-02/550-551

Alaska RR: Pass. rail car 10-2-26/504; Progress 10-5-18/487-490 & 10-12-18/537-539; Hurricane Gulch arch bridge 5-6-22/638-640; Opened 7-28-23/131-132, 199; 4-17-15/528-531; 9-25-15/393-397; Hurricane Gulch Bridge near Curry pix 7-19-24/105; Losses & traffic in 1925 & earlier years 5 or 12-5-25/861.

Algoma Central & Hudson Bay RR: 10-4-02/718; Sault Ste. Marie roundhouse 5-3-13/405;

Allegheny Valley RR: 1886/many;

Ann Arbor Ry: Car ferry #5 2-18-91/137;

Annapolis & Baltimore Short Line RR: 1886/129, 499, 584;

Annapolis & Elk Ridge RR: 1886/80;

Annapolis Washington & Baltimore RR: 1886/217

Anniston & Atlantic: 1886/175, 499;

Arizona Eastern: Ford auto. car #99 for track inspection 2-9-18/188;

Aroostook Valley RR: #54 6-20-25/1145-1146;

Asheville & Spartenburg: 7, 163;

Ashland & Wooster RR: Ashland sta. 1-19-01/32;

Ashtabula & Pittsburgh: 1886/175, 499;

Atchison Topeka & Santa Fe RR: "War" with D&RG 4-27-78/162 & V.18-1879/163 & 173 & V18-79/245 & 272 & 282; V19-79/3 & 123; Completion of Atlantic & Pacific Ry agreed V19-79/282, 294; Tunneling Raton pass V16-78/91; annual report V18-79/238-239; Progress 9-4-80/452; line in N.M. 11-27/80/622-623; Atchison Union Depot new sta. 9-18-80/477; Red Rock "Needles" bridge 2-13-92/102-104; Los Angeles Depot 3-25-93/181; Receiver's report 7-11-96/387-388; Topeka hospital 8-22-96/464; 2nd annual report 9-25-97/553; ? 2-11-97/706; Piece work for Chicago shop workers 12-16-99/709; Lorenzo, Il coal dock 10-10-01/672; Albuquerque sta. & hotel 9-27-02/700; 8th annual report 9-19-03/692-693, 695; China Basin terminal 4-22-05/276; LaJunta shops 5-6-05/306-312; San Bernardino yard L/O & Albuquerque shops 6-8-07/499-500; Forestry work 3-12-10/252-255; "Santa Fe DeLuxe" train car diagrams 12-23/11/1112-1113; Demonstration of new & old locos and frt. & Pass. cars 10-21-11/908; Joliet union sta. 11-16-12/1046-1049; Double tracking in Arz. & NM 12-21-12/1156-1159; Wichita union pass. sta. 8-29-14/255-256; Edward P. Ripley , pres. 11-16-15/578-579; Memories of old and new AT&SF 11-6-15/580-582; Kirby Point Terminal, Beaumont, Tx 11-27-15/679-681; Auto with flange wheels 10-21-16/541; Pulverized fuel plant at Marceline, Mo 2-3-17/167-168; San Bernardino pass. sta. 5-19-17/707; Corwith Yd (Chicago area) scrap reclamation 1-26-18/122-125 & 2--2-18/156-161; Edward Payson Reipley, chairman obit 2-7-20/226-227; Pueblo flood 7-9-21/46-49; Chicago scrap yard 6-4-21/843-849; Albuquerque loco. shop 6-17-22/889-896?; Extending loco. runs 7-21-23/83-88; Topeka office bldg 4-18-25/746; Dallas terminal 1-9-26/116-121;
<u>Equipment:</u> 30 ton box car 3-19-98/144; Portable rail sawing car 3-4-99/118-120; Diner 10-27-00/603; Gondola 4-13-01/248-249; Steel box car #30002 5-4-01/288; Bag. car #1507 8-17-01/551; 30 ton log cars 6-21-02/489; Flanger car 4-15-05/259; McKean car 4-24-09/375; Pipe driver #99946 12-11-09/1088-1090; Dynamometer car #29 4-6-12/313-315; Dining car 5-25-12/457-458; Box car #116699 6-16-23/1010-1015; Tie car #11000 6-17-16/855-859; stock car #68504 6-9-17/791-794; Box car #117720 1-5-24/20 pix; Reefer car #18362 1-5-24/28; Caboose #1300 pix 1-5-24/41; Express reefer #4000 5-31-24/949-956; Gond. pix #170499 1-3-25/55; Gond. pix #172850 1-3-25/56; Box car #150,000 pix 6-20-25/1178;
<u>Locomotives:</u> #891 4-6-0 10-2-97/564-565; 2-8-0 1-29-98/46-47 & 2-5-98/61-62; #969 2-8-0 5-21-98/269; #697 4-6-0 12-9-99/688; #989 2-10-0 1-11-02/18-20; #836 2-8-0 5-31-02/412-413; #910 2-8-2 1-31-03/79; Switching loco. with shop crane 1-24-03/57 & 2-7-03/93; #915 2-10-2 10-10-03/740-741; #507 4-4-2 11-4-05/792; #1251 4-6-2 11-11-05/807; YMCA at Topeka 3-12-04/205-206; 3 types mallets with different boilers 2-6-6-2 #1171, 1170 & 1170 different boiler 3-11-11/204-207; #3143 2-8-2 6-3-16/775-777; Marino boiler on 2-8-0 2-10-00/72-73 & 2-17-00/89;

Atchison Union Depot Co: New sta. 9-18-80/477;

Atlanta & West Point RR: Diner 3-21-96/158; Newman, Ga. coaling sta. 3-8-13/201;

Atlanta Birmingham & Atlantic RR: Acquisition by A.C.L. RR 11-20-26/744;

Atlantic & Danville: 1886/163;

Atlantic & Great Western: Annual report 4-21-77/135-136;

Atlantic & Pacific Ry: Completion of Ry agreed V19-79/282, 294; 1886/many;

Atlantic & Western RR: Edwards gas rail car & trailer 12-3-21/753-755;

Atlantic Coast Line: Richmond, Va depot 4-23-87/238-239; 4-30-87/247, 248; #562? 2-8-0 Baldwin & #119 4-6-0 3-1-02/130-133; Port Tampa improvements 3-15-02/162-165; Car repair shop at Wilmington, NC 11-10-23/691; #1203 0-8-0 9-13-24/399-400; Rebuilds box cars #31169 10-11-24/533-537; #2007 11-28-25/801-802; Interlocking at Ashley Jct. S.C. 10-2-26/519-520; 1886/20, 54;

Austin & Northwestern: 1886/638;

Austin Mankato & St. Cloud: 1886/271;

Baltimore & Ohio RR: Ferry boat to run Locust Point to PW&B at Canton, Baltimore 9-6-79/169; Employees Relief Ass. 2-16-84/81; John W. Garrett, pres. obit. 10-4-84/516; Problem using Pa. RR lines north of Baltimore 10-18-84/541; First train as described in Baltimore Gazette of 9-2-1830 11-15-84/591; Havre de Grace, Md. bridge 5-17-84/252 & 10-17-85/500-501; Entrance to N. Y. City 11-28-85/578, 583-584; 2-8-0 boiler explosion at Bellaire, Oh 7-24-86/393; Control changes 9-10-87/524-525; Employees Relief Association charter annulled 4-7-88/195 & 4-14-88/210; Royal Blue train being equipped 8-2-90/458; Financial statistics 1-11-96/17-18; Sandusky, Oh coal dock 7-1-99/358-359; Adam's Windsplitter train 6-9-00/312-313, 317; N. Y. City frt. and pass. sales office 11-10-00/638; S. Englewood crossing with C&EI 9-28-01/630-631; Glenwood (Pittsburgh) eng. term. 11-7-03/794; Wheeling pass. sta. 7-7-06/506-507; Washington DC eng. term. L/O 1-5-07/3-8; Scherzer bridge over Cuyahoga River, Cleveland 3-23-07/257-258; new Havre de Grace bridge planned 7-27-

07/665; Brunswick, Md yard & line improvements Alberton to Davies, Md 12-28-07/1104-1105; Cuyahoga lift bridge 3-14-08/215-216; Havre de Grace bridge collapse of old pier 11-7-08/906; Weverton, Md. track L/O 4-3-09/300-301; Chicago Jct, Oh, yard 4-16-10/378-3769; Lorain coal & ore dock 7-8-11/605-607; Mallet locos. and profile Cumberland to Grafton 7-15-11/641-642; Curtis Bay, Baltimore, coal dock 12-9-11/1063; Grafton sta. 5-11-12/414-415; Green Spring, WV tie treating plant 5-17-13/450-453; Cumberland loco. term. 10-11-13/949-951; N.Y. City frt. house 5-16-14/? & 5-23-14/773; Evolution of signaling 8-22-14/222-225; Curtis Point coal pier 1-1-16/2-3 & 9-16-16/369-373 & 3-24-17/409-411; Zanesville eng. term. & shops 4-22-16/565-567; Police description of their duties, 12704 arrests 12-30-16/907; Baltimore pier destroyed by fire 3-16-18/391-395; Mt. Clare, Baltimore, car repair shed 4-5-19/515-5`16; Blenwood (Pittsburgh) shop 5-24-19/746-752; Cumberland loco. shop 10-18-19/557-559; Frt. train classification 11-18-22/693-697; Locust Point grain terminal 4-14-23/654-655; Locust Point grain elevator, Baltimore 8-8-25/131-196; train side bus service into N. Y. 8-7-26/195-196, 208; & 9-18-26/415-417; Frt. car repair shop procedures 9-25-26/467-470; Cincinnati River-Rail Transfer Co 10-9-26/531-532; Philadelphia perishable terminal with Rdg. Ry 11-27-26/813-817;

Annul report : 12-8-77/199 & 11-30-78/194, 198-199 & 12-14-78/217-217; V.19-79/259-260 & 271-272; 11-27-80/626-627; 12-2-82/682, 679-680 & 12-9-82/699-700; 11-29-84/623-624;

Equipment: Patterson's stock car design 9-25-80/493; Large window parlor car 10-31-85/519; #848 4-4-0 compound 5-3-90/248-249; 34' lumber car 30 tons 10-15-92/652-653; #778 4-4-0 5-30-91/345; El. loco tested 3-14-96/144; #1241 2-8-0 & #1312 4-6-0; Sept. to Oct. 1896/576-577;#1612 2-8-0 11-7-96/620; 4-6-0 8-13-98/414-415; Special photo of 11 locos of different time periods 10-1-98/549; Hopper car 44386 10-7-99/568; Hopper bottom box car 5-5-00/241; Club car 12-15-00/708-709; Manning Convertible box car #129000 3-23-01/204-205; Parlor car 6-22-01/404-405; #1020 diner and parlor car or #1057 2-21-03/128-129; Winans camel at Purdue 1-18-02/36; #622 insp. loco. 8-23-02/625; #1957 2-8-0 11-22-02/846; #2300 0-6--6-0 proposed mallet 9-5-04/656; #2400 0-6-6-0 5-28-04/384-385; Motive power #7, 1184, 2100, 2400 6-16-06/448-449; Coaches #4322 & 4307 12-2-11/1034-1035; Edwards rail bus #6000 & trailer 8-5-22/191-192; #6001? 1-2-26/103; Diner 1-27-00/42; Rail sawing car #X18? 6-27-14/942; #6000 2-10-2 7-11-14/32-35; Express reefer for milk #820 10-3-14/492-493; #7109 2-8-8-2 7-8-16/50-51; Express car #1850 rebuilt from box car 3-3-17/299; gond #251569 1-5-24/29 pix; Hopper car pix #331434 1-5-24/34; Baggage car pix #1511 1-5-24/45; Hopper pix #420297 1-3-25/57;

Baltimore & Ohio Chicago Terminal RR: Eng. term. & coach yard 12-2-16/749-756;

Baltimore & Ohio Southwestern RR: Gravel ballast train loading 6-1-01/348; Flanger care 4-28-00/230

Baltimore & Philadelphia: 1886/many;

Baltimore Belt Ry (B&O) 2-2-01/58-59

Bangor & Aroostook RR: Bunker Brook Gully Brook bridges 8-11-00/444-445; Fish River Br. construction 3-14-03/208-209; Pleasant River wood Howe truss bridge 3-19-04/220; Fish River bridges 3-12-04/195

Bangor & Piscataquis: 1886/many;

Ballaire Zanesville & Cincinnati: 1886/345, 360, 541;

Barre RR: Special flat car 1-5-01/6

Batesville & Brinkley: 1886/372; 569;

Bedford & Bloomfield: 1886/103;

Beech Creek Clearfield & Southwestern: 1886/257, 301;

Beech Creek RR: Gond 30 ton. #5603 7-30-98/414; 1886/many;

Bells Gap: 1886/343, 584;

Belt Ry of Chicago: Clearing Yd 11-16-01/737-743; Organized 3-16-12/243-244; Chicago Union Transfer Ry Clearing Yd as built in 1901 & 1913 changes 3-15-13/221-223; #114 0-8-0 4-5-13/325-327; 2-10-2 4-27-18/611-612;

Belvidere Delaware RR: 1886/43;

Bennington & Rutland: 1886/129, 654;

Bessemer & Lake Erie RR: Bull Creek viaduct bridge wreck 5-10-02/374; Hurley track laying machine 9-6-02/654-655; Line improvements 3-17-06/204; Steel ties 6-6-08/442-447 & 7-17-09/644-645; Clamshell crane #A-33? 7-18-08/853; Harlstown, Oh. sink hole 10-10-08/816-817; Coal sta. 7-24-09/666-667; Excursion traffic 8-7-09/707; steel box car #104 3-30-12/294; steel ties 1-2-15/10-11; Steel frt. car life 1-15-16/92-95

Billerica & Bedford: Foreclosed 6-15-78/234;

Bingham & Garfield: Ray snow plow 11-2-18/651-652; Construction 8-19-16/232-238;

Birmingham Southern RR: Hopper car #2151` 70 ton 6-14-13/563;

Boston & Albany RR: See also Boston Terminal Co. Boston term. interlocking & track layout 8-4-83/447-448; Boston area signaling 1-24-85/37-39; Boston term. facilities 5-23-85/250; Springfield sta. and track L/O in the city 4-16-87/218-219; Blizzard of '88 3-24-88/165; Auburndale sta. 4-6-89/188-189; 4 wheel gravel car 3-8-90/135-136; Balston sta. 1-10-91/19; 25 ton wrecker, Div. 2&3 1-25-96/46; Albany union sta. 5-6-99/245 & 3-16-01/156-162; Longwood, Mass. sta. 10-11-02/735; West Springfield yard L/O and roundhouse 12-5-08/988; Worcester, Mass. sta. 12-2-11/1038-1039; Brown rail unloader 9-21-12/881; Bridge replacements #125 & 209 11-15-13/1058-1059; #54 0-8-0 9-13-24/399;

Boston & Lowell RR: Boston term. facilities 5-23-85/250; Train operation 7-18-85/338-339;

Boston & Maine RR: Brotherhood of Loco. Eng'r strike failure 9-8-77/73-74; Boston term. facilities 5-23-85/250; Portland Union Sta. 5-5-88/249; Origin of a great RR 1-11-96/16-17; Concord shops 9-26-96/536; #459 4-6-0 3-26-98/157; Oil sprinkling car 7-8-99/378; Wind snow fences 11-4-99/621; Pile driver 11-9-01/718-719; Waltham sta. grounds 12-28-01/828; Standard section house 5-10-02/372; #346 4-6-0 9-24-04/684-685; Boston term. improvements 1-20-06/38; Hoosac tunnel electrified 12-23/11/1096-1101; Milk car #1701 2-10-23/246; Billerica car & loco shops 1-3-14/4-8; flat car pix 3-656 1-5-24/38; Use of buses for branch lines 11-22-24/837-838; Motor car #190 for branches 5-1-26/799-801; Mystic Wharf coal unloading 3-20-26/579-580; Geo. Hannauer, new pres. 12-4-26/819; Use of buses 7-31-26/153-155; Institutes store door delivery of L.C.L. 5-23-25/943 & 6-6-25/1006;

Bostron & New York Air Line RR: Annual report V18-79/262;

Boston & Providence RR Wreck at Dedham 3-19-97/163, 164; Bussey bridge disaster at Dedham 5-7-87/261-263, 264 Old light bridge designed by Herven (?) 2-1-96/59-60; 1886/360, 457;

Boston & Worcester RR: Frt. train trial trip memoir 9-19-85/447;

Boston Concored & Montreal: 1886/271;

Boston Hartford & Erie: 1886/67, 92;

Boston Revere Beach & Lynn RR: 6-11-87/345 notes; Described 7-21-88/127; Bogie loco. 9-22-88/541; 1886/372, 472;

Boston Terminal Co: Proposed South Sta. 3-26-96/175; 4-2-98/172-173; South Sta. 3-11-99/130-132; Interlocking at sta. 8-25-00/473-476;

Boynton Beach Bicycle Ry: 10-25-90/640-641, 632;

Bridgton & Saco River RR: 1-21-88/41;

Brunsdwick & Western: 1886/681;

Brunswick & Birmingham RR: Private car "Brunswick" 1-31-03/76-78;

Buffalo & Susquehanna RR: Hopper car coke #8056 5-27-05/400; Extension to Buffalo 9-19-03/688;

Buffalo Corry & Pittsburgh: Thrilling run away train ride V19-79/248;

Buffalo Creek RR: Buffalo, NY coaling sta. 3-15-02/205;

Buffalo New York & Philadelphia: 1886/many;

Buffalo Rochester & Pittsburgh RR: Loco. #141 1896 or 1897/620-621; #5? 4-6-0 4-16-98/199; #160 4-8-0 12-10-98/690; Brooks 4-6-0 3-25-99/160-161; #160 4-4-2 10-19-01/672-673; #1? 4-4-2 12-7-01/782-783; Punxsutawney water softening plant 3-14-02/194-195; #270 2-8-0 7-12-02/534; Wreck train w.#151 0-6-0 3-21-03/235; DuBois shops 2-14-03/108-113; 2-8-0 12-3-04/854-856; 2-10-0 #506 pusher 7-27-07/655; Gas el. car #1002 4-29-11/372-373; Caboose 2-27-15/270-273; block signals 6-26-15/865-868; DuBois scrap reclamation 12-11-15/754-757; M. of W. extra gang camp tents 10-21-16/560-561; Buffalo term. & lake coal dock 11-18-16/684-687; Dump car pix #X23016 1-5-24/44; Track maintenance 7-17-26/77-82; D&H merger 11-20-26/757

Bullfrog Goldfield RR merger with Las Vegas & Tonopah 12-19-14/743;

Burlington & Lamoille 1886/654;

Burlington & Missouri River RR: #34 2-8-0 9-3-98/484; Omaha sta. 10-15-98/574-576; Edgemont, SD tie preservation plant 3-31-00/172;

Burlington Cedar Rapids & Northern RR: #71 4-6-0 12-9-96/707; #73 4-6-0 12-18-97/726; #77 4-4-2 11-24-00/658-659;

Bush Terminal Co: Construction at Brooklyn 8-215-03/611-613; #10 el. loco. 12-14-07/1071;

Butler County RR: Tipperary, Ark. sta. 6-3-22/786;

Butte Anaconda & Pacific RR: 4-8-0 #37 3-12-98/129; #15 4-4-0 3-12-98/132; El. operation 4-25-14/640-642; Tractor truck boosters 6-27-14/947;

Cairo Short Line: 1886/19;

Calumet & Blue Island RR: Page dump car 8-22-06/472

Camden & Amboy history: 11-28-91/772-773 & 12-5-91/791-792 & 12-12-91/8-5 & 12-19-91/82--821; 1834 way bills 5-22-93/306-307

Camden & Atlantic: 1886/116, 271;

Canada Southern: 1886/487;

Canadian Government Ry: Halifax term. 5-26-17/734-738 & 6-2-17/767-777;

Canadian National Ry: Montreal terminal tunnel 8-2-19/145-151; Sleeping cars 3-27-20/511-512; Storage battery car #100? 10-29-21/580-581; Gas rail bus #15812 8-12-22/207-209; Steam rail car #15805 9-30-22/433-437; Gas el. car experience #15812 & 15814 4-28-23/715-719; Long Lake C/O at Nakina, Ont. 9-1-23/310-311; #3198 11-13-26/707-708; #3559 2-8-2 1-5-24/12-16; Construction in the west 11-8-24/683-690; 60 ton box car #501536 11-8-24/701-706; Port Arthur grain elevator & box car unloader 11-8-24/732-737; Pass. trains 11-8-24/742-744; #4100 2-10-2 & #6000 4-8-2 & #3586 2-8-2 11-8-24/744-758; pass. car #5056 11-8-24/757-761; Moncton term. 11-15-24/785-795; Ft. William, Ont. grain term. 12-6-

24/901-907; Gas el. cars & storage battery #15796 & 15814 & steam car #15795 2-21-25/348-353; oil el. cars #15817 & 15819 11-7-25/689-694; Jasper, Alb. sta 11-14-25/751;

Canadian Northern Ry: New branch lines 3-14-03/218; Sleeper 2-27-04/142; Port Arthur grain elevator 5-23-03/397; Cafe coach #50? 7-9-04/508; Winnipeg Sta. 9-5-08/720-723; Extensions 6-1-12/480-483; Track removed for use in France 8-25-17/238-239; Electrification at Montreal 12-12-14/710-715;

Canadian Pacific Ry: Montreal sta. 2-25-88/101; described 7-21-88/420-422; Snow sheds 12-8-88/701-703; Steel cab 9-20-90/553 & 5-27-93/325; Montreal sta. 1-29-98/45; Ft. William, Ont. grain elevator 5-21-98/277; McPherson switch and frog 4-15-99/203; Windsor Sta, Montreal 10-14-99/575; Snow sheds 6-2-00/298-299; Hydraulic filling of trestles in B.C. 8-25--1900 or 1901/480-481; Montreal Angus shop 2-4-05/66-67 & 2-11-05/82-85 & 3-4-05/130-136; Kicking Horse Pass tunnel 7-20-07/636; Vancouver, BC sta., Yds, pier 7-6-12/628-630; Fort Williams, Ont. coal handling from boats 2-8-13/115-117; Ogden (Calgary) shop 6-14-13/550-555; Lachine bridge 2-21-14/290-296; Pass. coaches 5-2-14/668-670; Vancouver term. improvements & pass. sta. 5-16-14/725-726 & 3-20-15/380-385; ; East Winnipeg Red River bridge 8-8-14/149-153; Montreal steel car shop 9-5-14/277-282; Military commissary car 12-12-14/707-708; Quebec City sta 10-21-16/546-549; Rogers Pass Connaught tunnel 6-30-17/901-906; Military record of operations during WW! 3-15-19/401-404; Angus shop 6-10-22/854-865; Trans Canada Ltd. 5-3-24/818; Chicago ticket office 7-26-24/121-122; Victoria marine term. 10-11-24/541-542; Moving the grain crop 11-8-24/697-700; Winnipeg Angus shop 11-8-24/708; Chateau Frontinac hotel doubled in size 11-8-24/726-732; Connaught tunnel lining 3-14-25/491-497; Section men houses 8-8-25/199-200; Financing the company 1-30-26/645-646;

Equipment: Air operated dump car #13029 4 wheel 12-3-92/456-457; Sleeper "Satsuma" 3-25-93/179; Cupola obs. car 8-2-02/581; Obs. car for Banff Hot Springs 7-26-02/564; Wood ore cars 30 ton 6-6-03/432-433; Gond. #39483? 6-20-03/479; Store Dept. supply car #301511 6-8-07/497-498; Box car #131012 2-18-11/134-135; Rotary plow 1-18-13/56-59; 30 ton stock car #271243 12-5-14/686-687; Hospital car 4-7-17/481-482; Auto car #296,000 6-9-17/796; Wedge plow #400675 6-12-20/974-975; 60 ton hopper bottom box car #230,000 12-4-20/869-871; Sleeper "Naighton" 1-21-22/77-81; Box car #389017 2-23-24/324-327; Reefer #287865 11-22-24/826-828; Gas car #44 1-2-26/? page: Express reefer #5650/9-4-26/327-330;

Locomotives: 4-4-0 12-3-87/692-693; 4-6-0 7-22-93/450; #1201 2-8-0 11-30-01/770; #807 4-6-0 7-5-02/521; #851 4-6-0 9-27-02/700-701; #825 4--6-0 6-20-03/479; 0-6-6-0 10-9-09/892-893 & 4-23-10/396-398; drwg 9-14-12/857-859; Converts cross compound #553 4-6-0 to simple 2-25-22/264-265; #2300 & 2322 4-6-2 & #5355 2-8-2 11-8-24/690-697;

Carolina Central: 1886/598;

Carolina Clinchfield & Ohio: Construction 3-13-09/200-212; Elkhorn extension 2-20-15/238-245; Danta, Va. coal dock 5-15-15/653-654; Sandy Ridge tunnel lining 9-11-15/327-331;

Cedar Falls & Minnesota: 1886/187;

Cedar Rapids Iowa Falls & Northwestern: 1886/610;

Central New England Ry: Trains operated by signal only 8-15-25/247-248;

Central of Georgia RR: Hopper car 6-27-03/502; #1614 4-6-2 11-18-05/821; Macon shop 7-16-10/682-693; #1014 2-8-0 9-24-10/899-900; #1605 4-6-0 pix 3-31-23/579; #704 2-10-2 3-27-26/593-594; scale test car #39190? pix 8-14-15/197; Trains operated by signals only 8-29/25/326-327; Columbus, Ga to Birmingham line rebuilt 10-3-25/507-512;

Central Ohio: 1886/216, 386;

Central Pacific RR: Frt. rates 8-18-83/477-478; Leased to S.P. 4-4-85/160; Reflections of a conductor V19-79/103-105; Ferry boat "Solano" 2-14-80/73; Contracts for construction 2-23-84/95; Electrification proposed 2-5-10/125-126;

Central RR of New Jersey: #169 4-4-0 1-7-82/1-3; Club car for commuters 10-4-90/582; Somerville, NJ sta. 8-8-91/515; #456 4-4-2 6-20-96/342-343; Auto signals Bound Brook to White Haven and track L/O 8-3-01/522; #590 4-4-2 1-4-02/68; #461 at Mauch Chunk photo 6-21-02/488; 50' flat car 2-6-04/89; Newark Bay left bridge 2-27-04/134, 135; Comb. car 9-17-04/668; 60' horse car 10-8-04/716-717; Cinder hopper car #92940 5-27-05/393; 23rd St, NYCity ferry term. 12-30/05/922-925; #852 4-4-0 1-13-06/20; #759 4-6-0 12-10-10/1136-1137; Govt. suit to dissolve P&R control 9-6-13/830; Communipaw eng. term. 6-6-14/822-826?l Track L./O and signals at Communipaw 5-15-15/647-650; Cranford & Communipaw engine terminals 12-11-20/882-883; Combination car #275 1-5-24/46; Coach #1027 1-5-24/47 pix; Bronx term. L/O & diesel loco #1000 12-12-25/871-874; New Bay bridge 1-16-26/143-149; Diesel vs steam coast at Bronx Term. 2-27-26/386-387; W. G. Besler and R. B. White new pres. 11-6-26/683-684;

Centerville Moravia & Albia: 1886/54

Central Tunnel Co: To build under North River at 42nd St 12-22-83/749;

Central Vermont: Hopper car #30,000 11-29-13/1604;

Charleston & Savannah: 1886/514;

Charleston Cincinnati & Chicago Ry: Carnegie, Tn. sta 8-9-90/470

Charlotte Columbia & Augusta: 1886/667;

Chautauqua: 1886/67, 556, 681;

Chesapeake & Nashvillew 1886/80, 344, 388;

Chesapeake & Ohio RR: Box and hopper cars 30 tons 1-26-89/44-45; Cincinnati term. at 4th St. 3-22-90/162-163;#302 2-8-0 12-10-92/773; Ventilated box car #7220 11-25-93/797; Louisville, Ky terminal. 3-21-96/160-161; Filldale-Lowell tunnel signaling 2-16-98/103-104; Hopper car #22001 3-9-01.139-131; Hopper car 3-30-01/220; Richmond Sta. 11-30-01/762-763; #83 4-4-2 & 147v4-6-2 9-6-02/656-657; Shay #6 4-14-06/280; Hawley controlled lines 3-6-09/189; Huntington shops 3-11-11/198-201; Aato. train control 4-5-19/541-546; turntable at Russell & Silver Grove, Ky and other types 10-25-21/563-568; Hopper car #65225 pix 1-5-24/34; Charlottesville, Va. crossing with Sou. Ry 3-10-17/328-330; #182 4-6-2 12-12-14/708-709; Hopper #86500 pix 1-5-24/21; Bag. car pix #290 1-5-24/45; Combination car 1-5-24/46 pix; Coach #796? pix 1-5-24/46; Clifton Forge yard 2-9-24/241-248; Peach Creek, W. Va. eng. term. 2-16-24/279-288; Automatic train control 3-8-24/449-461; #1119 2-8-8-2 4-5-24/631-640; Van Sweringen's proposed mergers 8-16-24/231-233; Hopper car pix #112052 1-3-25/58; Huntington shop apprentice program 12-26-25/946-948;

Chesapeake Ohio & Southwestern: 1886/20, 43, 229;

Chicago - -Central Sta: Lake Front & 12th St. I.C.RR (Owner) , Mich. Cent., Big Four

Chicago - Dearborn Sta. - Dearborn & Polk Sts SF, C&EI, Monon, Erie, C&WI (owner) , Wab., GT, C&O

Chicago - Grand Central Depot -Harrison St. & 5th Ave. B&O, Soo, CGW, B&OCT owner - formerly Chicago Term. Transf.)

Chicago - La Salle St. Sta. - Van Buren & La Salle St. NYC, NkP, RI

Chicago - Union St: - Canal and Adams Sts: Pa, Mil, CB&Q

Chicago & Alton Ry: Proposed Kansas City extension 11-17-77/163-164; Glasgow, Mo bridge V18-79/265, 272; Annual report 3-10-77/83 & V18-79/118-119 & 3-4-82/xxx?; Completed to Kansas City V18-79/125; Depots at Independence, Mo V18-79/183, Oak Grove, Mo V18-79/207; Bates City, Mo V18-79/220; Kansas City-Grand Ave Crossing V18-79/229; Union Depot on Canal St, Chicago 2-19-81/106 & opened 4-9-81/197-198 ; Wilson valve gear 4-13-89/197; Bridgeport drawbridge & interlocking at Chicago 4-5-90/190-191; Dwight, Il. sta. 10-31-91/705; "Sunset Ltd" Chicago to San. Francisco 10-23-97/605; Proposed sale 2-11-99/77, 81 & 2-18-99/95; Daylight Ltd. train to St. Louis (no pix) 11-18-99/647-648; Brooks 4-4-0 #504? 1-20-00/32-33; T. B. Blackstone, pres. obit 6-2-00/305; St. Louis ticket office 10-6-00/568-569; Coaling sta. and eng. term at Roodhouse, Il, Kansas City, Mo, & Venice, Il 3-15-02/195-197; Diner 4-19-02/328;#420 2-8-0 8-16-02/608; Mansfield semaphore switch stand 3-14-03/100 ??; Brighton Park, Il (Chicago) coaling sta. 3-14-03/220-221 & 7-4-03/514-515; #601 4-6-2 4-4-03/274-275; #602 4-6-2 5-21-04/368-369; #78 4-6-0 8-15-03/615; McKinley Park (formerly Brighton Park) ash handling 8-29-03/638-639; Chicago River bascule bridge 10-26-07/922-923; Hawley controlled lines 3-6-09/189; Bloomington shop & eng. term. 9-9-11/790-793; Joliet union sta. 11-16-12/1046-1049; Harrison St. frt. term., Chicago 2-11-22.179-185; Auto. train control 9-15-23/379-385; Bloomington loco. shop 1-2-15/3-7; Gond. pix #43699 1-3-25/55; Bus operations 5-29-26/943-946; Motorizes a combination car 6-12-26/1074;

Chicago & Eastern Illinois RR: Annual report 11-16-78/180 & 11-6-80/583-584; Ballast car #97211 & ballasting, spreader flanger on #9700 12-30-98/776-777; Ballast car #9711 3-18-99/149; Little Saline Cr viaduct & Grasshopper Cr viaduct near Marion, Il 2-17-00/86-87; #140 4-8-0 2-24-00/102; #173 4-8-0 11-10-00/631; #20000 gond. 7-13-01/479; Thebes, Il water tank 3-15-02/198; Thebes bridge opened 5-27-05/394-395; new car and loco shops 8-22-03/624-626; Danville shops 7-9-04/502-504; Thebes bridge construction progress 5-14-04/350-351; Dump gondola #87749 6-13-08/466-467; Hopper car #98499 11-6-26/677-678; Diner #471 12-4-26/835-836; Shops at Yard Center, Il 3-7-14/360-364;

Chicago & Erie Ry: Water tank at 51st St Chicago 6-3-99/300; Hammond Ind coal storage and transfer plant 10-12-01/659-662;

Chicago & Galena Union RR "Pioneer" 4-2-0 1-14-92/21;

Chicago & Grand Trunk Ry: Blue Island interlocking with Chic. Term. Trans. Ry 6-4-98/297;

Chicago & Iowa: 1886/19, 271;

Chicago & North Western RR: Winona & St. Peter branch snow problem 5-7-81/255; Rotary snow plow in bad snow drifts 2-13-86/81; Elgin sta. 2-4-88/62; Loco. #568 in blizzard and new for rotary plow 4-28-88/237-239; Milwaukee sta. 3-16-89/148-149; Coon River bridge 8-27-92/543; Elmhurst, Il water tank 4-4-96/185-186; Double track Elroy to Madison, Wis 10-31-96.606-607; "Northwestern Ltd" train 6-27-96/357; & new equipment 3-5-98/118; East Clinton, Il tower 4-16-98/199; Clinton, Ia. bridge rebuilding 5-21-98/270-271; Water sta. and feeding stock yard at La Fox, Il 10-15-98/578; Kinneckinnic swing bridge at Milwaukee 1-21-99/32-

33; Fond du Lac bridge wreck 1-28-99/44-45; Boone viaduct 5-25-01./330-331 & 7-6-01/462-365; Barbadoo sta. 7-5-02/518-519; Fond du Lack double coaling sta. 10-18-02'764; Geneva, Il sta 2-11-93/83; Sioux City sta 4-4-03/276 & 5-2-03/347; "Los Angeles Ltd." 12-23-05/904; Emnankment Valentine, Neb. 10-9-09/890-891; Loco. terminals Council Bluffs, Boone, E. Clinton, Proviso, Butler, Wis 6-15-12/540-553; Boone shop & yard 8-3-12/713-717; Northwestern Ltd. car floor plans 11-23/12/1074-1075; Manitowoc coaling sta. 3-10-23/445 pix; Milwaukee track depression 9-15-23/367-375; Clinton, Ia. loco. shop 2-7-14/204-211; Wm. A. Gardner, pres. obit 5-13-16/674; Sioux City frt. house 12-16-16/817-819; Northwestern Ltd train 1-19-24/149;

Chicago Area: New Chicago depot at Wells & Kinzie Sts 11-6-80/587; Chicago shop and track L/O at Kinzie St. 4-20-89/215; Track raising Rockwell St. to Ogden Ave to Kinzie St, Chicago 8-21-97/482-483; Annex to Wells St. sta at Chicago 12-13-02/888; New Chicago term. 8-13-10/783-784; Chicago term. 6-10-11/510-517 & 9--9-11/793-797 & 9-16-11/817-822; & 12-30-11/1121; Chicago loco. shop 9-14-12/846-849; Des Plaines Valley RR T track L/O Chicago area 11-9-12/1023; Proviso yard 11-9-12/1023-1027; Chicago Riuer near 16th St. bascule bridge 11-15-19/713-716; Chicago express term. 3-13-20/433-435; Wrecked Calumet grain elevator 3-26-21/494-495; Bascule bridge North Br. of Chicago River near Deering sta. 8-12-16/203-206; Calumet Term, Chicago grain elevator 11-17-17/600-601; Sta, tracks, and towers in Chicago 2-18-93/102-103; Track and towers for Milwaukee Div. out to Clybourne Jct., and Deering 2-25-93/119;

Annual reports: 8-18-77/52-53 & 8-17-78/59-60 & 8-21-80/425-426; 8-19-82/476-477; 10-6-83/590; 8-16-84/428; 8-11-00/451-452;

Equipment #219 4-4-0 6-3-99/304; #1015 4-4-2 7-28-00/416; 6 wheel truck, 50T flat car #32057 5-13-93/290; Derrick car 2-15-02/99; new "Overhead Lts" cars 4-5-02/296-298; Gas el. car #9901 7-10-26/64; Storage battery loco. 10-9-326/541-542; Ore car #121667 12-18-26/885; lunch counter car 6-12-15/788; Box car #48498 pix 1-5-24/25; Gond. pix #92199 1-5-24/31; Flat car pix #41057 1-5-24/38; Tank car pix #10221 1-5-24/39; Converted coach to gas motor car #2680 4-25-25/771-775;

Chicago & Northern Pacific Ry: Grand Central Depot, Chicago interlocking and track layout 2-6-92/81 & 2-20-92/127; Block signal system 1-7-93/10;

Chicago & Ohio River: 1886/242;

Chicago & West Michigan RR: Frt. train and coaling sta. 10-3-91/644-645; Insp. loco 2-13-97/92; Obs. car #105? 10-1-98/545; Russell plow and flanger 4-29-99/234-235; Annual report 5-27-82/297;

Chicago & Western Indiana RR: To enter Chicago V19-79/123; New sta. on Polk St 7-12-84/355; Dolton, Il interlocking plant 4-17-97/222-223; Wrecker #200 4-8-99/193; Grain elevator at 85th St 7-15-99/391; 16th St. interlocking 3-16-01/188-190; Slip switch renewals 5-31-02/414-415; Englewood station changes 63rd St. 10-17-03/746-748; 83rd St roundhouse layout 1-3004/68-70; #102 2-6-2T & suburban car #4 4-22-05/274-275l ; 47th St. Sta. 3-17-06/186-187 & 9-15-06/707; Eng. term. 3-30-07/265-268; #11 2-6-0 4--5-13/324-326; Track elevation 79th - 90th St. Chicago 11-20-15/651-653; 1886/285, 400, 694;

Chicago Alton & St. Louis: Reefer #1702 3-15-84/144 pix;

Chicago Burlington & Northern RR: St. Paul Park sta. 11-12-87.654; Ottumwa Sta. 11-19-87/668-669;

Chicago Burlington & Quincy RR: LaMothe metal box car 12-29-77/231; Plattsmouth Bridge over Mo. River 9-4-80/453 & 12-4-080/633 & 12-11-80/647-648 & 12-18-80/661; Engineer's strike (This must have been a very important RR strike in the 1800s.) 3-3-88/116-117; 3-10-88/131; 3-17-88/142-147; 3-31/172-173; 4-7-88/189; 4-14-88/202; 5-5-88/247; 7-7-88/390-391, 399; 7-14-88/404, 405; 7-21/418-419; 7-28-88/433; 8-4-88/447-448 and 8-18-88/475-475; Strike canceled 1-12-89/18; Aurora coaling sta. 6-15-89/331-333; Sta. train order semaphore signal 11-16-89/659; Rockford, Il bridge replacement 6-12-97/??; Chillicothe, Ia bridge replacement 7-31-97/440-441; Ottumwa swing bridge 10-97/594-595; Quincy, Il yards and bridge 1-29-98/52-53; Auto. block signals 2-12-98/75; Creston, Ia sta. 8-20-98/456-457; Gladstone, Il track relocation 9-23-99/530-531; Skunk River bridge in western Il. 6-9-00/311-311; Heavy earthwork near Ottumwa 12-28-01/827; Management and Brotherhood of Loco. Eng'r's union 11-21-03/825; R. Potter block signs and automatic train stop 12-26-08/1038-1039; Galesburg yard L/O 3-20-09/252; Havelock shop near Lincoln, Neb. 12-31-10/1186-1192; Metropolis, Il Ohio River bridge opened 1-26-18/113-115; Platte River bridge near Grand Island, Neb. 7-27-18/117-121; Cottages for employees in Wyo. & rooming house at Casper, Wyo. 8-10-18/197-200; Labor saving machines for track work 8-17-18/229-233; Water treatment plants in Wyo. 11-9-18/661-666; Aurora elevation 3-13-20/406-409; History of RR 10-9-20/535-541 & 1-22-21/123-130; Missouri River flood protection 7-9-21/39-43; Flood damage at Beardstow, Il. pix 5-6-22/637; Denver shop 11-4-22/611-613; Aurora track elevation 8-11-23/191-198; Aurora pass. sta. 10-6-23/490-493; Utah Jct. (Denver) loco. shop 12-15-23/857-859; Wray, Colo., coaling sta. 3-21-14/470-471; Thermopolis, Wyo extension 9-14-14/341-344; Arminto, Wyo tunnel lining 10-17-14/467-470; Metropolis, Il Ohio River bridge 1-20-17/91 & 7-8-16/38-41; Platte River bridge 4-14-17/515-516; Utah Jct (Denver) shop 1-5-24/64-73; Havelock, Neb. stores dept. 5-3-24/791-796; Buda, Il. wreck kills 7 9-6-24/349-354; 75th Anniversary 9-5-25/343-344; Train operation by signal 5-16-25/907-909; Aurora storehouse & shops 1-23-26/179-184;

Chicago Area: Union Depot on Canal St, Chicago 2-19-81/106 & opened 4-9-81/197-198 ; Towers at Wood St, Throop St & Johnson St, Chicago and track L/O 10-11-84/525-526; Chicago grain elevator 1-28-99/47; Chicago office bldg at Jackson & Clinton St. 1-11-13/29; Chicago River near 16th St. bascule bridge 11-15-19/713-716; Chicago Frt. Sta. 3-10-23/443-444;

Annual reports: 3-3-77/77-78; V16-78/95-96; 9-11-80/467-469; 4-22-82/233-235; 4-19-84/199-200;

Equipment: Suburban 0-6-2 12-14-89/17-18+insert; Steel gond. car #17539 11-1-90/652, 650-651; Furniture cars 1-28-93/54-55; Gond. #307 3-11-93/149; 30 ton 34' box car 1-25-96/49; #1701 2-6-2 4-14-00/198-199 & 6-16-00/324; #1370 4-4-0 insp. loco. 6-8-01/358-359; Hopper car 7-13-01/476-477; Dynamometer test car 5-3-02/357-360; Dining car :"La Crosse" floor plan 9-20-02/685; #2700 4-4-2 7-23-04/540-541; Diner #112 12-10-04/868; Diner #139 12-17-04/888-881; #1950 2-6-2 2-25-05/114-115; Diner 3-3-06/143; 4 wheel caboose 8-28-03/640-641; Gond. drop bottom 10-17-03/752-753 & 10-24-03/766; #78000 drop bottom gond. 6-6-08/448-449; Pile driver #204613 8-2-13/743; Ford automobile for track insp. car #305 11-24-17/637; Old box cars made into residences 8-24-18/275-276; Gas rail bus #500 8-19-22/237; Portable concrete mixing plant car #89421; Edwards gar rail car #552 7-10-26/ 62; Concrete mixer car #8942 3-28-14/514-516; 2-10-2 9-5-14/284-287; Edward gas car #503 4-11-25/701-702;

Chicago Elevated Terminal RR: Frt. house 7-23-92/468

Chicago Evanston & Lake Superior: 1886/140;

Chicago Freeport & St. Paul: 1886/150, 162, 215;

Chicago Great Western RR: Holcomb, Il, cut 2-26-98/108-109; Oelwein shop L/O 4-16-98/200-201; Weed burner 11-5-98/623; Oelwein shops 3-3-00/114-117 & 3-10-00/128-130; Kewnyon, Mn coaling sta. 6-6-00/332-333; Ditching train 9-15-00/519-520; 2-8-0 built by International Power Co, Providence, R.I. 6-1-01/345; Chicago frt. sta. 3-15-02/178-179; Des Moines River viaduct at Ft. Dodge 3-15-02/198; Fort Dodge viaduct 5-16-03/380-381; Parlor car #169? 12-19-03/896-895; Oelwein shop 6-25-04/459-464; Brick towers 8-13-04/590-591; Oelwein eng. term. 8-20-04/604-605; Stockton, Il. term. L/O 6-17-11/538; Mason City frt. house 9-7-12/834-835; Stockton, Il. coaling sta. 9-21-12/867; St. Paul new bridge over Miss. River 1-18-13/50-51 & 8-23-13/794-796; Kansas City, Mo. grain elevator 10-11-13/954-955; M205 motor car & trailer 8-11-23/201-204; Oelwein reclamation yard 4-28-17/589-593; Motor car M300 9-6-24/343-348 & 1-24-25/201-203;

Chicago Hammond & Western RR: Interlocking at State Line Crossing, Hammond 1-22-98/34-35;

Chicago Indianapolis & Louisville RR: #111 4-4-0 7-17-97/410-411; Track improvements 11-6-97/638-639, 641; 76' RPO-Bag. car 6-14-02/457; Hurley track laying machine 3-189-05/193-194; Lafayette frt. car shop 2-26-21/318-323; Monon shop first aid bldg (room) 12-15-23/863-865; Hopper car #40199 8-15-25/234-235; Novel dining car service for Halloween 11-28-25/811;

Chicago Junction RR: 31st St. bascule bridge 5-26-00/282-283; Scherzer lift bridge over ship canal at Chicago 3-26-10/308-309; RR & LCL frt. 11-24-23/747-750;

Chicago Kansas & Western: 1886/512, 626;

Chicago Lake Shore & Eastern Ry: Pennock design hopper car #1 6-13-96/325; Page dump car 12-5-96/676-677; Calumet River swing bridge 5-8-97/265; Flat car #874 6-12-97/337; Blue Island branch interlocking at 101 St, South Chicago 1-14-98/189; Gond. dump car #14030 6-15-07/525-527; Gary eng. term. & yard L/O 6-20-08/484-492; Long box cars 10-10-08/814-815; Gary shop 2-20-09/143-146; Kirk Yd at Gary L/O 10-30-09/975; Pratt 70' turntable at Gary 11-6-09/982-983;

Chicago Madison & Northern RR: Swing bridge over drainage canal near Kedzie Ave. 12-4-97/698-699 & 3-4-99/124;

Chicago Milwaukee & Puget Sound (see also CM&StP) : #4004 4-6-0 5-1-09/382-383; Miles City, Mont. sta. 5-22-09/445-446; Miles City and Deer Lodge shops and L/O 6-12-09/508-510, 512-516 & 6-26-09/571-579; Marmath, ND & construction in South Dakota 7-3-09/600-605; construction in S.D. & Mt 7-10-09/622-626 and in Mont. 7-17-09/644-646, in Mont. and Wash, Ida 8-7-09/711-715; Columbia River bridge 8-21/750-754; Musselshell, Mt. sta. 10-30-09/958-959; Missoula pass. sta. 11-26-10/1082-1083; Exp. reefer #3300 6-17-11/530-531; Gas el. car #301 2-22-13/160-161; Seattle term facilities 7-17-20/75-81;

Chicago Milwaukee & St. Paul RR: Annual report V.18-79/178; Menominee bridge 5-7-81/249-250 & 5-14-81/263-265; Minnehaha bridge St. Paul 4-30-81/235; Enters Iowa frt. pool 9-23-82/540; Alex. Mitchell, pres. obit 4-23-87/233; Milwaukee sta. 12-25-86/698; Ticket Chi to St. Paul & return

2-28-91/131; Galewood, Il hump yard 10-22-92/664-665; Replacing wood trestle with steel on Kansas City line 9-18-97/539; "Pioneer Ltd" described 6-11-98/312-313+insert; Masonry walls on sand stone bluff at St. Paul 11-26-98/662-663; Section houses 2-11-99/76-77; Jackson, Mn viaduct 3-2-01/114-115; Escambia ore dock 3-16-01/154-155; Rocwell-Potter safety stop and block signals 3-15-02/199-202; Watertown arch bridge 3-14-03/182-184 & 4-18-02/309 photo; W. Milwaukee shops 6-27-03/491-495; Milwaukee swing bridge counterbalance 4-23-04/302-303; Galewood, Il roundhouse 6-25-04/458-459; La Crosse sta. remodeled 3-11-05/147-148; West Mil. eng. term. 4-29-05/290-293; Galewood, Il yards 7-1-05/488-491; Red Wing, Mn sta. 8-26-05/616-717; Mitchell, SD sta. 10-16-09/913-915; Aberdeen, SD sta. and eng. term. 2-17-12/130-137; Council Bluffs Div. double tracking 3-21-14/444-459 & 3-28-14/497-502; Des Moines River viaduct 5-16-14/727-732 & 5-23-14/756-761; Manning viaduct, Ia. 9-12-14/307-308; Concrete bridges in Ia & S.D. 3-13-15/335; N. McGregor, Il yard & eng. term. 1-20-17/92-93; Atkins, Il yard & term. 2-17-17/232-233; Sioux City yd & term. 4-21-17/549-551; Nashotah, Wis sta. 7-14-17/48-49; Butte sta. 7-21-17/75-77; New Lisbon, Wis sta. 11-10-17/564-569; Calmar roundhouse after a cyclone 5-25-18/755; Prairie du Chien coal storage 10-5-18/511, 513; Red Cross special pig train from Winneshiek County 12-21-18/895; North McGregor yard 4-26-14/619; Pontoon bridge at N. McGregor 5-24-19/776-777 & 6-28-19/990-991; Chamberlain, SD bridge 8-16-19/229-230; Floods at McGregor, Ia. 4-17-20/638; $15,000,000 silk train 2-11-22/189; Scrap yards 7-29-22/131-137; John M. Horan 71 year employee and still working 8-14-26/233-234; Receivership hearing 11-20-26/768; Track depression at Minneapolis 7-17-15/69-73;

Chicago Area: Union Depot on Canal St, Chicago 2-19-81/106 & opened 4-9-81/197-198 opened; North Chicago swing bridge turned by a horse 2-6-98/66; Chicago track elevation & 16th St. crossing of many RRs 11-19-98/648-649; Pacific Jct., Chicago 5-13-99/258-259; "North Line" swing bridge over N. branch Chicago River 10-28-99/604; Milwaukee Ave, Chicago viaduct 5-30-14/789-793 & 6-27-14/937-942; Rogers Park (Chicago) elevation 1-19-24/140-145;

Pacific Coast Extension: (See also C.M.&Puget Sound Ry): Cow Creek Viaduct, Wash. 12-5-08/977; Spokane term & lines there and Idaho 3-29-13/296-303; Lewistown to Great Falls line construction 6-28-13/619-623 & 7-19-13/685-693; Lewistown, Mt. pass. sta. 10-18-13/970-973; Great Falls frt. sta. 11-15-13/1055-1057; Spokane depot 10-10-14/435-438; Montana electrification 1-16-15/96-100; Gt. Falls terminal electrified & el. loco 7-10-15/57-58; Electric transmission 8-14-15/203-205; Electrification progress 10-30-15/556-559; Diary of el. op. in Montana 2-12-16/247-248; Concrete arch bridge at Rosalie, Wash 11-11-16/647-649; Electrification 2-28-25/378-385;

Locomotives; #827 4-6-0 4-2-92/210-211; #43 0-4-0 first Grant loco built at Chicago 2-18-93/49; #830 4-6-2 6-3-93/339; Circular pressed headlight 2-11-98/716; 2-8-0 water tube boiler 10-17-96/580; #839 4-4-2 7-18-96/397; #846 4-6-0 1-15-98/20; #381 4--6-0 & 919 4-4-2 1-18-02/36-37; #9929 4-4-2 6-6-03/435; El. loco #10200 delivered 10-9-15/451-452; El. switch loco 4-8-16/518-519; El. loco. mechanical features 11-25-16/717-722;

Cars: Parlor car 7-9-92/440; Stock car #8479 11-5-92/694-695; RPO #273 11-14-96/636; Advertising car 10-8-908/558-559; Derrick car #24783 10-5-98/573; X218 pile driver 12-23-99/718-719; Weed burner car 4-21-00/217; Derrick car #233769 6-1-01/344; Weed burning car 6-27-03/490; 50T wood gond. 1-9-04/22-23; Buffet library car 10-2-09/876-879; Gond. car #304500 3-25-22/415-421; Box car #707,875 10-21-22/545-554; Automobile box car #59499 11-25-22/731-739; Reefer car 6-16-23/1015-1018, 1025-1032; Pass. car #1280 with roller bearings 10-30-26/659-661; Stock car #101027 11-7-14/564-565; Box car #708500 pix 1-5-24/24; Gond. pix #308705 1-5-24/32; skeleton flat log car 7-19-24/92-94;

Chicago Rock Island & Pacific RR: Leases Keokuk & Des Moines RR 5-18-78/191; annual report 4-21-77/131 & 7-7-77/7 & 7-14-77/14-15 & 6-29-78/251 & V18-79/286-287; Little 4 Mile Creek wreck near Davenport 9-1-77/65 & 9-22-77/89-90; Van Buren St. Sta. Chicago Union Depot 11-12-87/654; Payton, Colo bridge renewal 11-19-98/650-651; W. H. Truesdale 2-18-99/97; Standpipe water tank at Walton, Ia. 12-16-99/704; New Grand Central (La Sale St. Sta) Depot at Chicago proposed 6-15-01/382-383; Reorganization 8-2-02/585; Grand Central sta. (La Salle St. sta) double bascule bridge 3-22-01/262-263; New La Salle St. Sta. opened 7-18-03/552-557; East Moline, Il shop 2-6-04/84-88; Combination with St.L-S.F. dissolved 12-4-09/1070-1071; Coaling sta. at Altemont & St. Louis 3-16-12/244-245; Clinton, Ok coaling sta. 3-30-12/292-293; Joliet sta. 11-16-12/1-46-1049; Silvis scrap handling 8-16-19/221-222; History 10-7-22/479-486, 489 & 10-14-22/514-525; Renews old pier on White River, Ark. bridge 8-25-23/259-264; New bridge over South Channel of Miss. River at Rock Islamd, Il 9-1-23/293-298; First RR to complete automatic train control 212-22-23/899-904; Memphis bridge over Mississippi 4-24-15/554-557 & 9-11-15/323-327; Hollow tile interlocking tower at Joliet 7-24-15/108-109; Mason City, Ia. sta. 8-28-15/263-265; Shawnee, Ok car shop 7-4-25/1-5;

Cars: Dining car 5-26-77/172; Burton stock car 4-6-89/182; 30 ton box car 7-23-98/399; Revolving signal on caboose 5-13-99/260; Stock car 2-25-99/103; Comb. stock & drop bottom dump cart11-4-05/788; Gas motor car #2553 built by Stover 5-8-09/415 & 10-16-09/927; box car #33909 2-5-10/127; Combination lunch & dining car 10-24-14/494-495; Commuter coach pix #2560? 1-5-24/47; Reefer #67999 3-15-24/551-556;

Locomotives: #840 4-6-0 9-26-96/537; 4-6-0 5-30-96/?? & 11-7-96/?? & 6-12-97/344-345+insert; #894 4-6-0 10-16-97/598; #846 4-6-0 4-2-98/178-179; #1301 4-4-2 4-6-0/232-233; #847 4-6-2 8-5-05/570-571;

Chicago Saint Louis & New Orleans V19-79/221;

Chicago Saint Louis & Western: 1886/150, 638;

Chicago Saint Paul Minneapolis & Omaha Ry: #335 superheated 4-6-0 8-19-05/600 or 660; Hudson car shops 1-10-91/23; Woolf valve gear on eng. #132 11-23-89/685-686;

Chicago Santa Fe & California RR: Opens new Chicago to Kansas City line 4-28-88/234;

Chicago Terminal Transfer Co: 10 track swing bridge Campbell Ave. & drainage canal 4-23-98/214-215; Blue Island crossing with C&GT 6-4-98/297; Scherzer bascule bridge at Taylor St. 9-23-99/328-330; 31st St. bascule bridge 5-26-00/282-283; Harrison St. yard service for Gran Central St. 9-20-02/688-689 (No article on Grand Central Sta. being opened); Track elevation 3-19-10/266-272; Scherzer lift bridge over ship canal at Chicago 3-26-10/308-309;

Chicago Tunnel Co: Cars 6-25-04/464-465;

Chicago Union Station: Union Depot on Canal St, Chicago 2-19-81/106 & opened 4-9-81/197-198 opened; Proposed replacement 8-24-12/778-779 & 11-23-12/1067-1069; 5-24-13/478-479; U.S. mail facility 3-11-22/326-330; Construction 3-24-23/539-544 & 3-8-24/416-422; Opened 7-25-25/121-125; ;

Chicago Union Transfer Ry: Proposed yard west of Chicago 1180 acres 12-14-89/718-719; Clearing yard 11-16-01/767-743; Clearing yard as built 1901 and changes 1913 3-15-13/221-223;

Chicago West Pullman & Southern: #23 0--6-0 9-4-20/358;

Chignecto Marine Transport Ry: Report 9-12-85/439 & 10-3-85/478; 7-5-90/888-889;

Choctaw Oklahoma & Gulf RR: Combination stock car and coal car #2178 1-4-96/7; Insp. loco. "Arapahoe" 1-7-99/4;

Cincinnati Columbus & Hocking Valley: 1886/115;

Cincinnati Georgetown & Portsmouth RR electrified 4-4-03/276-273; 1886/43, 287;

Cincinnati Hamilton & Dayton RR: Annual report V18-79/251; Control by Vanderbilt 10-29-81/601 plus other articles in 2nd half 1881; 4-6-0 10-11-02/733; Ivorydale shop cont. 3-3-06/138-141; Ivorydale, Oh shop doors 3-14-08/214-215; Drop gond. #22500 7-22-11/660-661; Toledo coal dock 8-21-15/236-238; I.C.C. report on Pere Marquette merger 4-28-17/585-588;

Cincinnati Hamilton & Indianapolis: 1886/414;

Cincinnati Indianapolis & Western RR: Gond. car pix #1658 1-5-24/31;

Cincinnati Indianapolis St. Louis & Chicago RR: Cinc. Union Depot 10-1-81/543; Annual report 10-5-85/483;

Cincinnati Jackson & Mackinaw: 1886/139, 568, 695;

Cincinnati New Orleans & Texas Pacific RR: Changing to std. gauge 4-3-86/157; Ludlow, Ky shop 11-24-88/671-674; #638 2-8-0 12-6-02/876; 8 wheel track insp. car 5-7-10/445;

Cincinnati River-Rail Transfer Co:" with B&O RR 10-9-26/531-532;

Cincinnati Selma& Mobile: 1886/32;

Cincinnati Southern RR: Track relocation near Harriman Jct. 8-18-00/460-461; Report V19-79/268;

Cincinnati Van Wert & Michigan: 1886/102, 129, 139;

Clearfield & Jefferson: 1886/55;

Cleveland & Marietta RR: Receivership 11-7-85/535 & 12-12-85/607; 1886/229, 428, 541;

Cleveland & Pittsburgh: 1886/19, 499;

Cleveland & Youngstown RR: Cleve. frt. terminal. project 12-18-15/781-784;

Cleveland Akron & Columbus: 1886/18;

Cleveland Columbus Cincinnati & Indianapolis: Pooling frt. V19-79/51; Control by Vanderbilt 10-29-81 & other articles 2nd half 1881; annual report V18-79/119 & 4-2-80/103 & 1881/??? & 5-20-82/292-293 & 4-21-83/218-219 & 4-5-84/173;

Cleveland Cincinnati Chicago & St. Louis RR: Columbus union depot 4-23-92/260-261; flat car #50293 with Marion ballast unloader 5-6-93/279; Wood St, Cincin. coaling sta. 5-6-93/275; Louisville, Ky terminal 3-21-96/160-161; Wrecked bridge near Lawrenceburg Jct., Ind. 7-11-96/385; Richmond 2-8-0 4-23-98/216-217 & 4-30-98/118-1229; 30 ton gondola 11-26-98/664; coaling sta. 6-22-01/402; Cuyahoga River, Cleveland bascule bridge 1-18-02/34-36; Beech Grove, Ind. shop 1-11-08/32-33 & 11-2-12/1000-1007; Beech Grove frt. car shop 7-7-17/11-13; Track crossing of I.C.RR at Farmer City, Ill 1-5-18/44-45; Rebuilding near Dayton 2-1-

19/165-168; Labor corporation replaces union at Beech Grove Shop 1-6-23/76-83; Great Miami River bridge at Sidney, Oh 11-17-23/711-719;
Cleveland Painesville & Ashtabula: 1886/228;
Cleveland Union Pass. Term.: Proposed 3-29-14/469-472;
Coal & Coke Ry: construction 3-27-09/280-284;
Colorado & Southern RR: Denver yard and shops 12-15-00/700-701; Bought by CB&Q 12-26-08/1043;
Colorado & Wyoming RR: Dump car #1280 4-5-02/302; McCann spreader car 4-19-02/330-331;
Colorado Central RR: Georgetown loop 2-5-87/11
Colorado Midland RR: Busk tunnel 8-9-90/470; Reefer #1201 9-4-97/507; 1886/541, 597;
Colorado Springs & Cripple Creek District RR: #101 2-6-2 3-2-01/116-117;
Columbia & Greenville: 1886/20;
Columbia & Puget Sound RR: changed to Std. G. 12-18-97/721
Columbia & Western Ry (Brit. Col.) Converted to Std. G. 7-15-99/391-392
Columbus & Maysville: 1886/128;
Columbus & Greenville: Columbus coaling sta. 3-17-23/522-524;
Columbus & Toledo: annual report V18-79/177-178;
Columbus & Western: 1886/55, 612, 628;
Columbus Hocking Valley & Toledo RR: 30 ton box car 2-19-98/91+insert; Toledo coal loading 10-7-99/560
Columbus Union Depot 4-23-92/260-261: 4-23-92/260-261
Concord: 1886/7, 458, 499;
Connecticut & Passumpsic Rivers RR: 1886/487;
Connecticut River: 1886/55
Copper Range RR: Automatic air line train connection tested 6-21-19/941-943;
Copper River & Northwestern RR: 10-22-10/876-979; 4-15-11/330-335;
Council Bluffs & Saint Louis: 1886/129;
Council City & Solomon River RR: 5-9-03/360--361;
Cumberland Valley: Annual report 4-8-82/204-205 & 4-28-83/234; 1886/429;
Dakota & Great Southern: 1886/568;
Dallas & Northwestern: 1886/429;
Danbury & Norwalk RR: New docks at S. Norwalk 11-4-82/629;
Danville Hazelton & Wilkes Barre: 1886/343;
Dayton & Ironton: 1886/556, 611;
Delaware & Hudson RR: Folding steps for coaches 5-1-80/207; Oldest iron bridges 4-14-83/195; Insp. loco "Transit" #300 5-25-89/283; #244 2-8-0 12-7-98/704-705; #357 2-8-0 8-5-99/435; #349 2-8-0 12-2-99/677; Mechanicsville station grounds 9-9-99/500 Albany union sta. 5-6-99/245 & 3-16-01/156-162; 4-4-0 insp. loco. "Saratoga" 10-22-04/757; Replacing Hadley, NY covered bridge 11-19-04/823; Gas el. car 2-10-06/94; Gas el. motor car G.E. Co. 1-25-08/64-66; Mechanicsville, NY power sta. 5-9-08/370-371; Watervliet shop & eng. term. 6-8-12/502-507; Use of locos 12-25-20/961-967; Carbondale to Ninevah track profile 11-26-221/718; Schoharie Jct, NY interlocking 3-31-23/580-581; Centennial 4-28-23/719-725, 745-746; Hopper car rebuilding #25748 12-22-23/893-894; 105' turntable replaces 75' table 4-5-24/644-649; Rebuilding box cars 5-24-24/913-921; Labor stabilization of employment 3-20-26/555-556; Oneonta longer turntable 5-15-26/873-876; #1076 2-8-0 with Dabeg feedwater heater 10-2-26/491-495; Merger with B. R. & P. RR 11-20-26/757
Delaware Lackawanna & Western RR: Bergen tunnel completed 4-28-77/146 & 5-19-77/170; Tunnel and bridges 6-9-77/193; Train marker lamps and lanterns 10-6-80/577; Coal dock facilities at Duluth, Mn 11-3-86/616-617; the RR & Wm. E. Dodge 2-17-83/90; East Buffalo YMCA 10-6-88/579; 3 car mail train 410 miles in 443 minutes on 9 15-99 9-23-99/527; Pension system 3-1-02/133; Self turning snow plow #99260 2-22-02/114-115; Keyser Valley, Scranton, car shops 1-17-03/39-41; Binghamton sta. 12-6-02/878-879; Groveland, NY water softening plant 12-13-02/892; Suburban cars 4-2-04/262-263; Keyser Valley shop 8-29-03/640 &10-22-04/752-755; N.J. Cut off design 8-15-08/665-669; Paulins Kill viaduct 8-29-08/698-700; Scranton shop 1-9-09/22-24; N. J. Cut-off 1-28-11/66-73 & 2-4-11/88-93 & 2-11-11/108-115 & 2-18-11/130-133 & 2-25-11/154-56; Steel coach #1 7-1-11/594-595; Profile of Buffalo Div. 10-26-12/974-975; Relocating Clarks Summit to Nicholson 4-26-13/383-384; Poured concrete homes at Nanticoke for employees 5-17-13/454-457; Montclair sta 7-12-13/663-665; Wireless communication 2-28-14/324-327; & 4-10-15/491-494 Hallstead C/O 1-23-15/110-117 & 1-30-15/143-149; Screw spike experience 3-27-15/427-430; Buffalo pass.sta. progress 3-13-15/338-340; Concrete towers at Port Morris & Greensville, N.J. 5-8-15/615-617; Water proofing concrete viaducts 3-18-16/401-402; Buffalo pass. sta. 9-15-17/312-329; East Orange track elevation 2-24-23/326-332?; Caboose #95951 oil sprayer train 9-15-23/377-378; Keyser Valley car shop 6-12-26/1067-1070; Milk cars glass lined for Borden 7-24-26/135; Use of concrete 10-9--26/527-531 & 10-16-26/587-591; 70 ton hopper car #84024 12-25-26/931-933; ##759 caboose 1-2-26/96; East Buffalo car shop 2-13-26/296-297; Buffalo River lift bridge 5-2-25/813-815; Train operation by signals only 6-13-25/1107-1109; Beffalo grade crossings eliminated at Kensington & Delaware Aves. 9-13-24/383-389; Must dispose of Great Lake steamship line ownerships 5-22-15/682-685;
New York Area: Wallabout, Brooklyn frt. yard 1-26-01/52; Newark sta. 12-20-02/908; Secaucus Y.M.C.A. 3-12-04/205-206; Jersey City coal pier #9 5-28-04/390-391; model of proposed Hoboken sta. 4-8-05/247; Kingsland shop 4-22-05/277-278; 23rd St. ferry terminal 10-28-05/775; Kingsland shops 6-9-06/410-413; Bush train shed planned for Hoboken 11-17-06/888-880; Hoboken stores dept bldg & shop 5-2-08/350-352; Power house at Jersey City 5-9-08/372-375; Rolling new bridge into place at West End 10-2-09/874-875; NYS&W grade crossing separation at West End 2-19-10/162-165; Harrison, NJ coaling sta. 5-7-10/439; Mail handling at Hoboken 8-29-25/311-314;
Locomotives: #163 4-4-0 8-29-96/481; #61 2-6-0 12-3-98/678; #166 4-4-0 3-4-99/121; #808 4-8-0 10-14-99/582-583 & 10-28-99/611; #1005 4-6-0 5-5-00/243; #975 4-4-0 4-27-01/282; #1012 4-6-0 11-4-05/793; #169 0-8-0 7-31-09/686-687; #4000 el. switcher 9-4-26/357-358; #1167 4-6-2 9-26-14/378-381; #1171 with Reigel water tube firebox 3-6-15/311-313; #1131 4-6-2 1-8-16/43-45;
Delray Connecting RR: Scherzer bridge 3-13-15/359;
Denver & New Orleans: 1886/140;
Denver & Rio Grande RR: War with AT&SF V18-79/163, 173 & V18-79/245, 272, 282 & V19-79/3 & V19-79/123; Dump Mtn. La Veta Pass pix 2-28-80/98; Toltec Gorge 4-2-81/179-180; scenic line 4-9-81/197; annual report 6-4-81/312; Financial problems 11-4-82/624; Pueblo Union Sta. 8-24-89/491; La Veta pass line 3-16-01/148-149; #904 2-8-0 with "Ute" of 1871 in 1900 8-31-01/575; Track improvements 10-5-01/650; Provo sta. 5-17-02/386; 60 ton wrecker 3-12-04/174-175; Grand Jct. sta. 4-28-08/310; ore car #29000 & special gond. #26754 6-15-07/527-528; Double tracking Tennessee Pass line 11-16-07/982-988; Salt Lake City sta. 9-24-10/896-898 & 12-24-10/1168-1169; Soldier Summit, Utah new line 11-22-13/1078-1080; Gond. #70245 6-10-22/841-844; Pueblo flood 7-9-21/46-49; Operates bus lines 5-29-26/930-931; Burnham (Denver) shop 4-5-24/642-644;
Denver & Salt Lake RR: Must drive 4.1 mile long tunnel 5-20-16/694; Moffat tunnel construction 1-26-24/174-181; Burnham (Denver) shop 4-5-24/642-644;
Denver Kansas & Gulf RR: Trestle 9-15-06/717;
Denver North Western & Pacific RR: construction 7-30-04/552-553 & 2-14-05/68-70. Rotary snow plow #10200 2-11-05/87; Rotary plow #10201 1-26-07/62-63; #200 0-6-6-0 for rotary snow plowing 1-23-09/63-65; 5-11-12/424 no pix
Denver South Park & Pacific: Kenosha Mtn. pix 2-28-80/98; J. W. Nesmith smoke stack design 3-27-80/145;
Denver Texas & Gulf: 1886/229,317;
Denver Union Depot 6-18-81/335, 338; 6-30-17/906-909;
Denver Utah & Pacific: 1886/32;
Des Chutes Ry: completed 1-20-12/50-55
Des Moines & Fort Dodge: 1886/331, 526, 626;
Detroit & Milwaukee: Annual report 2-17-77/62;
Detroit Bay City & Alpena: 1886/31;
Detroit Grand Haven & Milwaukee: 1886/270, 271;
Detroit Lansing & Northern: 4-15-82/210-211;
Detroit Mackinac & Marquette: 1886/373, 597; V19-79/294;
Detroit River Tunnel Co: See Michigan Central RR.
Detroit Toledo & Ironton RR: Rebuilding Henry Ford's operation 4-15-22/536-537; Dump car #X346 1-2-26/89; Locos. being equipped with accessories 3-20-26/580-581; Electrification 10-18-24/578-580; #252 0-8-0 3-14-25/535; Caboose #66? 9-5-25/359;
Detroit United Ry: Container truck service 4-5-24/656-658;
Donora Southern RR: Hopper car 1-17-25/141 pix;
Dubuque & Dakota: 1886/690;
Duluth & Iron Range RR: Two Harbors terminal 10-9-97/581; YMCA at Two Harbors 3-12-04/205-206; 1886/126, 162, 695?
Duluth & Manitoba: 1886/666
Duluth Missabe & Northern RR: New Duluth ore dock 5-16-96/269; Ore car #8405 6-17-05/464; YMCA at Proctor 3-12-04/205-206; Self dumping hopper #18001 4-6-12/324-325; #208 2-8-8-2 & #500 2-10-2 10-7-16/475-476;
Duluth South Shore & Atlantic RR: Ore and gond. car 3-14-96/145; Car ferry "St. Ignace" & "St. Marie" 2-6-04/84; Also check index 1903 and 1904 for another article on "St. Ignace" car ferry. Marquette ore dock #5 4-20-07/330; Fire tank car #797 & loco.#105 3-13-20/421;
Duluth Winnipeg & Pacific: construction 2-15-13/142-145;
East Broad Top RR: Hopper car #805 30 ton 6-21-13/585; Coal transfer and preparation plant at Mt. Union 5-27-16/739-741;
East St. Louis Connecting Ry (Wiggens Ferry Co.): 9-8-00/515;
East Tennessee Virginia & Georgia RR: 11-10-77/157; Atlanta depot and section foreman's cottage 7-19-84/368;
Eastern RR: 1886/31, 640
Eastern & Western Air Line: 1886'43?

El Paso & Rock Island RR: Shay #105 6-14-02/451
Elgin Joliet & Eastern RR: West Chicago interlocking jct. with C&NW and CB&Q 3-16-01/146-148; Concrete ties 4-1-05/231; Waukegan & Joliet eng. terms. 5-6-11/390-395; Joliet bridge replacement 3-29-13/294-295; Rossville, Il roundhouse 4-19-13/360-365; Joliet shop 10-4-13/927-930; Hopper car pix #71622 1-5-24/33; 2-8-2 8-30-24/317-320;
Elizabethtown Lexington & Big Sandy RR: 1-24-80/43-44; 1886/43, 188
Elmira Cortland & Northern: 1886/627, 640;
Ensley Southern RR: 1-29-10/100-103;
Erie RR: annual report 1-6-77/13; Reorganization 12-1-77/183-184; Pintsch gas lighting tested for pass cars (first in U.S.) 7-8-82/395; Vanderbilt rumors 9-12-85/435; Kensington Ave, Buffalo sta. 6-4-87/327; East Buffalo YMCA 10-6-88/579; Proposed Buffalo union sta. 2-18-88/92-93 Test of the Strong Loco. "A. C. Darwin: 3-26-89/163; Jersey City track L/O and interlocking 6-6-91/361; Mozier system of manual block signaling tried 7-19-92/456-457; Dodge system of coal storage at East buffalo 6-6-96/310; Long car dumper at Cleveland 7-4-96/368-369; Rebuilding Kinzua Viaduct 12-29/00/728-730; Port Jervis coal dock 6-22/01/403; Salamanca engine term. coaling sta. 6-22-01/402; Order for T rails saves its charter in 1843 12-15-83/734; Rochester Br. electrification 12-8-06/965 & 11-9-07/962-967;Hackensack River bridge for NY&GL line 3-21-08/234-235; Hawley lines 3-6-09/189; Rebuilding near Dayton, Oh. 2-1-19/165-168; Weehawken piers destroyed by fire 11-12-21/651; Sells 4 of 8 lake steamers 7-3-15/2; Pier C at Weehawken under construction 3-10-23/436-437 & 3-17-23/479-485; Kent, O, car shop 1-19-24/133-136; Van Sweringen's proposed merger 8-16-24/231-233; Buffalo grade crossings eliminated Kensington Ave. & Delaware Ave. 9-13-24/383-389; New York City and Chicago marine operations 9-20-24/423-430; Train op. by signals only 5-23-25/942-943; F. E. Underwood, bio, pres. 4-17-26/723-724; John J. Bernet, pres. Erie 12-18/26/915-916; Must dispose of Great Lake steamship line ownerships 5-22-15/682-685;
Equipment: New 52 ton std. g. loco V19-79/199; #771 loco. 9-19-96/523; Hopper car #A05 6-5-97/322-323+insert; Box car 4-27-01/276-277; #1565 2-8-0 8-30-02/638-639; Coaches #1037 6-18-04/450; #535 4-4-2 4-29-05/294-295; #537 4-4-2 8-12-05/584-585; #2600 0-8-8-0 8-17-07/7212-724; Edison Beach storage battery car tested on Watchung Br. of Erie 12-10-10/1129-1130; Coach #2200 7-7-17/5-7; Hospital car 11-17-17/606-607; #2519 4-6-2 1-3-14/8-9; Dynamometer car #03099 1-10-14/59-62; #3080 2-8-2 1-31-14/179-181; Triplex 5-2-14/662-663; 2-10-2 4-3-15/454-457; #4102 2-10-2 6-10-16/813-818; Matt. Shay pulls record train 8-8-14/153-154; Triplex operating experience 7-22-16/107-111; Gas loco. #10 for Chicago at Erie & Keysburg Sts 9-9-16/338; Compartment dining car 5-12-17/651-652 & 4-28-17/583-584; Pass. cars 6-9-17/785-786; Box car pix #94499 1-5-24/25; Gond. car pix #44000? 1-5-24/29; Track instruction car #03098? 3-15-24/503-508; Reefer barge #414 7-12-24/49-51;
Erie & Pittsburgh: 1886/499
Erie & Wyoming Valley RR: #40 insp. loco. 2-4-99/58; 1886/221;
Evansville & Terre Haute: 11-6-80/583; 1886/216, 386, 597;
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Fairchild & Mississippi 1886/527;
Fairmont Morgantown & Pittsburgh: 1886/92
Fall Brook Coal Co: 1886/229, 287, 415;
Fitchburg RR: Leases Troy & Greenfield RR: 8-21-80/425; Boston terminal facilities 5-23-85/250; Waltham sta. 3-10-88/129; Hoosick Jct. stone arch bridge 9-7-01/592-593; Bellows Falls stone arch and covered bridges 9-29-00/548-550;
Flemingsburg & Northern Ry: Old gas el. pass. car 11-14-25/739;
Flint & Pere Marquette RR: Car ferry "Pere Marquette" 7-30-98/413-414; Tie spotting on grooving machine 9-23-99/534;
Florida Central & Peninsular RR: #73 4-4-0 2-18-99/87;
Florida East Coast Ry: Key West Ext. opened 1-18-08/44-48; Caboose #714 1-2-26/98; St. Johns River bridge at Jacksonville 3-6-26/457; Key West yard & L/O 6-24-16/903-906; Flat car #7001 pix 1-5-24/38; Caboose pix #853 1-5-24/42; St. Johns River bridge 8-22-25/269-272;
Florida Western & Northern Ry: (S.A.L.Ry) 204 mile extension 8-1-25/165-168 & 12-5-25/841-844;
Fort St. Union Depot Co (Detroit) 9-13-90/538
Fort Worth & Denver City: To built 202 miles in Texas pan handle 11-27-26/799-800; YMCA at Childress, Tx 3-12-04/205-206
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Franklin & Megantic: 1886/360, 388;
Franklin & Pittsylvania Ry: 2 car gas motor train #30 10-6-23/509 pix
Galveston Harrisburg & San Antonio: Boiler explosion kills 26 6-1-12/491-493 & 7-27-12/703-705; College men training program 11-2-07/953; Gond. pix #42006 1-3-25/56; 1886/360, 472
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Georgetown & Lanes: 1886/258
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Georgia Midland: 1886/188, 244,446
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Gilmore & Pittsburg RR: Gond. car #300 8-27-10/822; Rail pass. car 12-24-21/860-863;
Glen Cove RR (L.I.) 3-16-12/248;
Grafton & Greenbrier: 1886/640;
Grand Central Depot - New York: Expansion plans 5-31-90/312; #1 0-6-0 4-25-96/229; Loop track to be added 1-25-02/51-52; Sta and yard track layout 7-5-02/522; Proposed plans 12-31-04/917; Progress 1-28-05/50-51 & 1-20-06/41-45; Opened 1-25-13/76-81; Development 8-21-15/228-235;
Grand Central Station - Chicago: opened 12-13-90/755 & 12-20-90/763-766 ; Track L.O and interlocking at terminal & Bronx Park 6-23-06/462-464;
Grand Rapids & Indiana RR: Car ferry "St. Ignace" & "St. Marie" 2-6-04/84; Also check index 1903 and 1904 for another article on "St. Ignace" car ferry. Grand Rapids sta. 5-5-00/242;1886/78, 129, 658;
Grand Tower & Carbondale: 1886/611;
Grand Trunk Ry: Described V19-79/74-75; Extension V18-79/221; 5-22-80/243-244; Gt. Western connections 9-2-82/497; GW-GT merger 9-23-82/540; Development 8-18-83/483; annual report 11-17-83/682; Battle Creek shop 3-9-07/186-188; Head on collision 3-5-87/130-131; #728 "Empress" 4-4-0 1-6-89/2-3 St. George, Ont. bridge disaster 3-9-89/136; Replacing Niagara Falls suspension bridge 10-2-97/566-567; #909 2-6-0 5-7-98/245; Improving Ottawa bridge 3-15-02/188-195; Montreal Victoria Jubilee bridge 10-1-98/546-547; Portland Me grain elevator 7-12-02/536-537; Roadbed improvements 7-26-02/562-563; Ice car #94124 8-16-02/606; Montreal office bldg 12-24-98/717-718; Eng. term. at Nichols near Battle Creek 6-5-26/985-992; St. Clair tunnel and Sarnia yard 1-13-06/18-19; Stratford loco. shop 11-30-07/1024-1025; Battle Creek shops 1-16-09/42-47; Grain hopper bottom box car #9950 4-5-13/317; #26399 & 32989 box car 11-20-13/1104-1105; Bay City, Mich term. 12-20-13/1167-1169; Gas pass. motor car 4-28-23/718 drwg; #1544 4-6-4T 3-27-15/422-424; Suburban coaches 4-1-16/467-469; Port Huron, Mi, car shop 2-10-17/189; Must dispose of Great Lake steamship line ownerships 5-22-15/682-685;
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Great Northern Ry: #405 4-8-0 2-20-92/112-113+insert; Kalispell sta. 10-8-92/624; #371 2-6-0 10-24-96/595; Buffalo grain elevator 11-27-97/678-679; #100 4-8-0 12-31-97/748-749; 4-8-0 1-8-98/6; #150 4-6-0 9-24-98/528-529; #9411 ballast spreading car 3-18-99/149; Seattle sta. 1-27-00/46-47; Line relocation Marias to Verona, Mont. 11-24-00/662-663; 50 ton ore cars 6-14-02/464-465; Merger with N.P.Ry - Northern Securities Co 10-25-02/779 & 3-26-04/234-235; West Superior grain elevator 5-18-01/318-319; Northern Securities case voided by the courts 4-11-03/297-299; St. Paul loco. shop 6-20-03/467-471; Seattle Union Sta. 1-19-07/44-46; Cascade Tunnel electrification 9-18-09/830-835; & 11-13-09/1004-1007 & 11-20-09/1028-1032; Devils Lake Icing Plant 7-1-11/596; Concrete snow sheds 9-23-11/833-835; Seattle frt. term. 7-17-20/75-81; Electrified 11-20-26/750-752; Cascade tunnel 12-25-26/922-927; $959 4-6-0 performance 3-27-26/598; Columbia River bridge strengthened 5-1-26/779-782; Minneapolis sta. 2-28-14/317-318; #3087 2-8-2 1-6-17/3-5; Tank car pix #295615 1-5-24/40; Ore car pix #89000 1-5-24/43; Express reefer #2095 1-31-25/229-233; Ore cars #87061 & #89000 4-4-25/639-643; Converts #2000 2-8-8-0 from compound to simple 6-20-25/1156; #2517 runs 3700 miles continuous on silk train & return. 10-3-25/514 & pix 11-28-25/823; Simple articulated 2-8-8-2 10-24-25/629-634;
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Equipment: #659 4-4-0 2-1-96/61; 2-8-0 5-6-99/246-247; Milk cars 2-17-00/88-89; #1402 0-8-0 1-25-02/5051; Dining car 12-6-02/875-876; #1622 4-6-0v 9-23-05/680-681; #900 2-8-0 2-12-10/150-151; Milk car 2-19-10/166-167; Pulverized coal on #1360 6-12-20/1013-1014; #5000 3 cyl. 4-8-2 performance 6-14-24/1079-1093;
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Little Miami RR: 0-6-0 built 1865, later #229 9-24-98/527; 1886/626
Little River RR: #126 2-4-4-2 7-24-09/668-669;
Little Rock & Fort Smith: 1886/43, 67, 270, 639
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Long Island RR: Private car for pres. Austin Corbin 9-19-85/455; Proposed tunnel & route in Brooklyn 12-11-97/707-708; Hospital car 9-25-97/552; #153 2-8-0 2-11-99/74-75; Long Island City temporary sta. 4-4-03/280-281; #22 2-6-2T 10-8-04/726-727; #402 diesel 2-20-26/349; Electrification 11-11-05/800-803; Nostrand Ave. Sta. 12-2-05/855-857 Warwick St. Brooklyn sta. 1-28-05/52-53; Long Island City power sta. 4-14-06/274-279 & 4-21-06/292-294; M.U. car #1104 9-1-06/668-673; Electrical transmission system 6-16-06/454-455 & 6-9-06/422-424; El. cars 8-11-06/606-611; Morris Park shop 9-8-06/686-688; Test of 3 car Edison Beach storage battery cars 10-5-12/922-923; Forest Hills elevation 8-30-13/818-820; Long Island City rectangular eng. house 5-31-19/796-797; Jamaica interlocking 8-15-14/186-193; Woodside-Winfield C/O 2-19-16/261-265; Eliminating 9 grade crossings in Flushing & old and new Murray Hill sta. 4-15-16/536-543; Coach #439 1-5-24/48; Float bridges 3-21-25/575; Diesel loco. for Bushwick terminal 12-26-25/950-951; 1886/43, 216
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New York Chicago & St. Louis RR: Competition with LS&MS RR 9-16-82/525; Origin of name Nickel Plate 4-3-86/67; Silver Creek, NY accident 9-18-86/502 & causes 10-2-86/525; #128 2-8-0 7-26-02/566; Walter R. Ross made pres. 12-26-26/934; Cayuhoga River bridge 6-6-08/449-451; Grade elimination in Cleveland area 11-29-13/1100-1104 & 12-13-13/1144-1147 & 12-20-13/1178-1181; Hopper car #30,000 6-8-18/813-825; Hopper car pix #31299 1-5-24/35; Dynamometer car pix #X50041 6-21-24/1226; Van Swerinten proposed merger 8-16-24/231-233;

New York Connecting RR: Electrification 6-1-18/779-785; Hell Gate bridge 10-9-15/453-461;

New York Lake Erie & Western RR: Annual meeting V19-79/267; Annual report 1-18-79/21 & 12-5-85/598-599; Kinzua Viaduct finished 9-16-82/532-533 & 10-14-82/579; #698? 4-6-0 4 cyl. compound 11-21-91/754-756; Jersey City sta. proposed Niagara Falls 8-27-87/496-497

New York New Haven & Hartford RR: See also Grand Central Depot. and Boston Terminal Co. Hartford sta 6-2-88/308--309; 4th Ave. tunnel wreck 2-28-91/139, 132 & 3-14-91/167; Tracks at New Haven & signaling 4-1-93/194; 4-4-0 7-25-96/413; Providence sta 8-29-96/462-463; RR's successes 10-17-96/583; Arch bridge construction Brocton, Reedville, Forest Hills, Campello 9-22-00/532-533 & 9-29-00/548; Harlem River float bridge 3-16-01/185; Bridgeport Ct Scherzer rolling bridge company bridge 5-4-01/293 no pix & 7-11-03/536-537; Boston track elevated 2-1-02/69-73; Back Bay sta. 8-8-03/596-598; Reedville car shop 6-18-04/442-443; Cos Cob, Ct. power sta. & coal dock 9-14-07/800-803; Readville shops 12-7-07/1044-1048; Worcester, Mass. sta. 12-2-11/1038-1039; Bascule bridge over Bronx & Hutchinson River 2-22-13/159; Marshfield, Mass bridge 3-15-13/236-237; Stamford rear end collision 6-21-13/612; 14 wrecks in 21 months killing 65 people 9-6-13/851-852; Wreck at North Haven killing 21 report 9-27-13/913-917; Cedar Hill Yd L/O 10-20-17/480-481; Cedar Hill Yd 11-19-21/677-680; Providence frt. term. 11-26-21/707-711; Cedar Hill Yd lighting 11-27-26/785-788; El. loco shop at Van Nest, NY 9-18-15/363-365; Bradford, R.I. wreck 7-1-16/15, 23-26; New England Trans. Co bus subsidiary 10-17-25/604-605;
Equipment: #424 2-6-0 10-3-96/550; Steam car #3503 4-16-98/102; #466 0-6-0 10-25-02/772-773; M.U. cars 10-9-09/893-894; Sleeper #2056 3-4-11/179; Rail buses #9002 5-27-22/741-747; #3550 water tube boiler 4-8-2 6-12-26/1061-1066; El. switching locos #0213 6-13-14/880-883; Depressed flat cars 4-12-24/683-685; Gas. cars for branches, #9000, 9003, 9004 9-27-24/464-469;

New York Ontario & Western RR: Weehawken tunnel opened 12-9-82/691; Weehawken terminal 3-10-83/127; Bridge improvements & Centerville sta. 3-26-04/236-237; Cooke 2-8-0 3-24-00/156; #13 4-4-0 7-30-98/415; #143 2-6-0 5-18-01/318-319; Possible acquisition by NYC 2-1-08/103;

New York Pennsylvania & Ohio RR: Annual report 3-29-84/160-161;

New York Providence & Boston RR: Thames River bridge at New London 10-11-88/590-591 & 10-19-89/608-610 & 11-2-89/635-636 & 11-20-90/713-715; Interlocking at Auburn, R.I. 1-19-89/30-31; 1886/569

New York Rutland & Montreal: 1886/188, 271;

New York Short Line RR: Pennypack Creek arch bridge 5-19-06/358-359;

New York Susquehanna & Western RR: Grade crossing separation with DL&W 2-19-10/162-165;

New York Texas & Mexican: 1886/67

New York West Shore & Buffalo RR: Trip over West Shore 12-16-82/712-713; Weehawken terminal 12-9-82/691; Std. 4-4-0 12-8-83/717-718 Gossip 11-24-83/690; 3-10-83/127 Proposed Buffalo union sta. 2-18-88/92-93; East Buffalo YMCA 10-6-88/579l Lease to N.Y.C. 12-12-85/606-607; Construction 12-12-85/608-609; Finances 9-5-85/422; Strike 4-24-20/686

New York Woodhaven & Rockaway: 1886/175,458, 655

Newburgh & South Shore RR: Bascule bridge 12-31-04/966-967;

Newfoundland Ry: 5-7-98/247-248

Niagara Junction RR: Niagara River accident 10-7-99/558;

Norfolk & Southern Ry: Albemarle trestle replaces car ferry 2-26-10/184-189;

Norfolk & Western Ry: New Lambert's Point coal pier 10-20-00/588; Clinch Valley Div. construction 7-20-01/490-492; Roanoke shops and eng. term L/O 7-12-02/542-543; East Portsmouth, Oh yard 3-14-003/218; Prichard, WV coal and water 3-20-26/557-562; Roanoke water treatment plant 10-23-26/609-610; Concord, Va. coaling sta. 9-26-08/777; Roanoke coaling sta. 12-13-19/869-870; Handling 9000 tons down 1.6% grade & gond. car #101842 4-2-21/515-521; East Radford, Va. creosoting plant 9-17-21/353-357; Roanoke water system 10-8-21/469-472; Norfolk coal pier #4 2-21-14/280-290; Electrification 6-5-15/756-761 & 6-12-15/791-797 & 7-24-15/101-107 & 7-31-15/150-152; Safety program 10-21-16/553-555; Roanoke shop storage battery el. trucks 6-14-24/1126-1130; Big Sandy line double tracked 8-22-25/273-276; Bluefield frt. sta. 10-10-25/545-547;
Equipment: 50 ton hopper 6-10-99/314-315; #843? 2-8-0 4--5-02/295-296; 40 ton box cars 4-5-02/298-299; #888 2--8-0 9-26-03/702-703; #602 4-4-2 7-25-03/566; Obs. cars 3-27-26/599-600; #200 4-8-2 built at its shops 9-11-26/367-372; #599 4-6-2 5-5-06/328; 50 ton gond. drwg 6-19-09/544; Wood hopper cars #51001 & 50143 2-5-10/126; 90 ton gond. #70558 1-4-13/2-5; 150 ton wrecker #4983 3-15-13/251; RPO car #1101? & baggage #1301 6-14-13/556-557; #1308 2-6-6-2 6-14-13/558-559; Steel supply car #16408 10-6-17/407-410; Wood hopper #7000 1-5-18/13-15 & 2-2-18/172-174; 100 ton hopper #70564 4-6-18/494-497; Gond. #101750 4-30-21/630-635; Hopper car #70565 10-7-22/4576-475; Rebuilds 1600 wood McAdoo hoppers of 1918 #7000 & 7364 to steel and renumbered 7700s 7-21-23/89-91; Performance of el. locos 3-18-16/405; Box car pix #67990 1-5-24/23; Long loco. runs with big tenders 2-2-24/203-207; El loco tests 10-18-24/581-583; Hopper car pix #74221 & 16199 1-3-25/59;

Norfolk Southern RR: Box cars from gond. 6-9-17/787-788;

North Coast RR: Machine shop 8-13-10/784-785; 4-29-11/370-373 & 5-13-11/413-417 bridges;

North Eastern RR (SC): annual report 12-16-82/713;

North Pacific Coast: 1886/20

North Pennsylvania: 1886/175, 457

Northern & Pacific Junction: 1886/6, 31

Northern (NH) Annual report 5-27-82/297;

Northern Pacific Ry: Extension to be completed V16 1878/31; Reorganized V19-79/187-188, 201-202; Henry Villard gains control 3-12-81/139 & 3-26-81/168; Survey 7-15-82/397; West St. Paul tunnel 10-17-85/500; Fargo tornado 7-19-90/417-418; Marent Gulch viaduct 12-12-91/800-801; Drayton, ND coaling sta. 3-26-98/159; Warner unloading plow for frt cars 12-31-98/734-735; Chapel car "Glad Tidings" at Como shop, St. Paul 9-16-99/518-519; Proposed Seattle sta. 12-9-99/689; Standard coaling sta. 6-22-01/402; Bismarck ND sta. 12-21-01/808-809; Merger with G.N.Ry - Northern Securities Co 10-25-02/779 & 4-11-03/297-299 & 3-26-04/234-235; Pend d'Oreille bridge 12-3-04/852; Tacoma sta. 3-23-12/257-258; Point Defiance line improvement 4-6-12/316-317; Auburn frt. transfer platforms 2-15-13/140-141; Auburn, Lester & Easton, Wash. eng. tem. L/O 3-8-13/203-204; Duwanish River bridge at Seattle 3-15-13/237; Relocate track in Seattle 3-22-13/258-261; Centralia, Pasco & Parkwater eng. term. L/O 6-7-13/518-525; Pasco ice house 9-27-13/904-909 & 12-20-13/1173; Laurel to Rapelje branch completed 7-26-19/131; Dixon to Polson, Mont. branch constructed 9-27-19/443-446; Seattle frt. facilities 7-17-20/75-81; Palmer cut-off in Wash. 8-5-99/431; New line at Minneapolis 4-12-24/673-681; Minneapolis track elevation 5-3-24/801-803; Beneficial Assoc. $50,000,000 group insurance program 8-9-24/213; Coal mining at Coalstrip, Mt for Rosebud coal 11-7-25/695-697;
Annual reports: 10-16-80/541-542 & 10-23/80/554-555; 10-14-82/588-589; & 9-29-83/575-576 & 9-26-85/464-465; 9-29-88/565-566;
Equipment: 35 ton flat car 10-10-96/566-567; #3 4-8-0 2-20-91/407-408 & 2-27-97/122-123; #151 4-6-0 3-27-97/177-178; #186 5-15-97/278-279; 50 ton hopper cars 9-10-98/497; Advertising car 10-8-98/558-559; #32 2-8-0 4-1-99/182-183; Wood hopper cars 2-16-01/86-87; 35 ton box cars 2-23-01/100-101; #1252 2-8-0 -21-1/617; #264 2-6-2 4-19-02/331; Wrecking supply car 3-21-03/248; Box car 40' 9-3-04/637; #1517 2-8-2 12-10-04/870-871; #304 4-6-2 12-31-04/918-919; #1554 2-8-2 9-16-05/667-668; Observation car #1722 7-29-11/670-671; #1844 endurance run of 1897 miles 4-24-26/750; Convert locos to burn Rosebud lignite coal 5-8-26/818-819; Box car #12999 pix 1-5-24/19; Ore car pix #78030 4-4-25/643; Two storage battery locos for Foley Bros. for Rosebud coal fields 5-23-25/937-938;

Northern Pacific Terminal Co: 1886/102

Northwestern Pacific RR: Tunnel near Sausalito 7-24-26/127; Motor truck with flanged wheels used as switcher 3-27-20/516;

Norwich & Worcester: 1886/32;

Oahu Ry: Growth 7-17-15/73-74;

Ogdensburg & Lake Champlain RR: #340 2-8-0 2-12-98/77; 1886/151, 258, 332

Ohio & Mississippi RR: Annual report V18-79/120; Changing track gauge 4-27-89/235-236; Seymour, Ind. sta. 11-2-89/632; Washington, Ind. shops 7-26-90/439

Ohio Central: 1886/6, 92
Ohio River & Lake Erie: 1886/359;
Ohio River RR: Ceredo, W.Va. facilities 12-10-98/692-693
Old Colony RR: See also Boston Terminal Co. Annual report 11-19-81/647; 8-26-82/485-486; #232 loco. 9-10-92/570
Omaha & Republican Valley: 1886/343
OmahaUnion Depot: 1886/216, 4865
Ontario & Quebec: 1886/229, 628
Oregon & California RR: Receivership 4-30-87/247-248; 1886/6, 568, 626;
Oregon & Pacific: 1886/445, 666
Oregon & Transcontinental RR: Annual report 8-18-83/486-487;
Oregon California & Eastern RR: Construction Bend to Klamath Falls & Lakeview 9-23-22/399-401; Proposed RR to connect 5 RRs 4-29-16/599-600;
Oregon Ry. & Nav. Co: annual report 12-5-85/599; #194 4-6-2 7-1-05/494-495; #201 2-8-0 12-10--98/690-691; battery car #0526 3-25-11/275; Flat car #14184 7-1-11/596-597;
Oregon Short Line RR: #800 2-8-0 1-22-98/31; #754 4-6-0 9-2-99/488-489; #903 4-8-0 3-24-00/756-757; #585 0-6-0 2-23-06/105; Nampa, Id. sta. 11-15-02/823; Pocatello shop 2-8-03/94-96; American Falls, Id. & Huntington, Ore. bridges 4-25-03/325; Sta. at Salt Lake 4-17-09/342-344; & 1-29-10/97-99 McKean car #180 9-4-09/798; Improvements near Blackfoot, Id 3-15-13/238-247; Pocatello creosoting plant 5-7-21/696-697 & 4-14-23/656-658; Pocatello sta. 8-15-14/180-181;
Oregon Trunk RR: Editorial 5-14-10/467; Construction 3-18-11/222-233; Completed 1-20-12/50-55;
Oregon Washington Ry & Nav.: North Coast RR shop 8-13-10/784-785; Seattle pass. sta. and Argo yard 4-1-11/288-293; North Coast RR construction 4-29-11/370-372 & 5-13-11/413-417; Portland lift bridge 2-15-13/136-139; Lines near Spokane & Idaho & Mil. RR terminal work 3-29-13/296-303; Spokane sta. 10-10-14/435-438; Spokane eng. term. 11-6-15/586-589;
Oregonian: 1886/513
Pacific Great Eastern Ry: Hall Scott motor car 6-6-14/826-827;
Pacific Peace River & Athabasla RR: Chartered to Prince Rupert & Prince Albert 4-11-14/586-586;
Paducah & Illinois RR: Metroplis, Il. bridge - see CB&Q RR or NC&StL RR.
Pennsylvania RR: Pres. Thomas A. Scott retires 5-8-80/219-220+insert; Steam heating from locos 11-8-90/668-669; Special train of John Bull N.Y. to Chicago 4-22-93/244-245; "Penna. Ltd." train 10-30-97/631-632; "Pa. Ltd" train and territory it passes thru 1-30/97/71-74; St. Louis Expo test plant 12-31-04/1051-1055; New semaphore signals 3-16-07/202-204; Storage battery sta. baggage trucks 1-8-10/38-39; Stone ballast depth study 7-29-11/672-677; Worst snow and cold in history 3-2-18/306-311; 110' turntable for mallets 7-26-19/117-121; Labor problems 7-16-21/69-80; Position light signals 4-10-15/487-489; steel ties 10-23-15/537; Industrial storage battery trucks 11-27-15/686-689; operating trains by signals only, no train orders 5-9-25/850-855; Samuel Rea, pres. 9-26-25/496-498; Must dispose of Great Lake steamship line ownerships 5-22-15/682-685;
New York to Harrisburg lines: (See also Phila. Balt. & Wash. RR)Phila. Broad St. Sta. opened & map of RRs in Phila. 12-31-81/725-727; Bridge at Jersey City for frt. trains 1-28-88/44-45; Jersey City eng. term. & frt. yd. 1-17-91/36-39; Broad St. sta. Phila. 10-29-92/684-685; Columbia, Pa. bridge over Susq. River rebuilt 7-17-97/415; N. Y. ferry boats "St. Louis" and 3 others 4-7-00/186-187; Jersey City float bridge 3-16-01/185; Extension into N. Y. City and Long Island 9-19-03/687-688; Model of proposed N.Y.C sta. 12-31-04/988-991; Altoona foundries 6-10-05/422-426; Penn Sta, NYC, plans 5-26-06/374-378; Tunnels into Manhattan construction 7-20-07/640-646; Car ferry switcher? 7-27-07/660-661; Greenville, NJ track L/O 3-21-08/244; Alexandria, Va. hump yard 3-21-08/245-246; Harrison, NJ Meadows yard 7-2-10/641-644; Hudson River tunnel construction 7-9-10/660-665 & 7-23-10/707-714 & 7-30-10/731-735 & 8-6-10/757-762 & 8-20-10/795-800 & 8-13-20/778-780; Penn Sta. 9-10-10/856-861; Mail handling machinery at Penn Sta. 8-5-11/698-701; Sunnyside, L.I. yard 11-18-11/993-997; Interlocking and yards N.Y. tunnels and Sunnyside 2-24-12/151-155; North Phila. sta. 6-29-12/610; Newark Bay trestle burned 8-23-13/796; Coal pier at Baltimore 8-18-17/194-200; Federal St. frt. sta. Phila. 12-15-17/717-725; Manayunk bridge 2-9-18/194-199; Chestnut Hill Br. 4-27-18/633-641; Builds largest hotel in work, Hotel Pennsylvania in NYC 3-15-19/409; Concrete molding plant at Morrisville, Pa. 3-22-19/425-432; Timber trestle across Jersey City flats 3-10-23/415, 416; Harrisburg Susquehanna River bridge 3-10-23/417-418; Coaling and cinder plant at Millville, NJ 12-22-23/912-913; Girard Point (Phila.) grain elevator 7-11-14/47-48; Guaynas Falls, Baltimore, concrete arch bridge 3-13-15/345-349; Electrifying to Paoli 7-10-15/37-41 & completed 11-13-15/611-620; Fort Washington, Pa. branch electrified 5-10-24/843-845; Becks Run, Pa. bridge 8-9-24/202-205 & 5-9-25/845-850;; Diesel tug #16 at Jersey City 8-23-24/286-287;
Harrisburg to Pittsburgh Lines: Altoona car shops L/O 8-20-81/459-461; Construction process for a loco. V19-79/75; Proposed Buffalo union sta. 2-18-88/92-93, 140-142; Altoona paint shop 12-7-89/703-704; Yds and eng. term. at Wall (Pittsburgh) Pa. 7-2-92/425; Radebauh Tunnel near Pittsburgh 1-11-96/21; Electro pneumatic interlocking tower at Altoona (one of the first.) 8-28-97/496; Pittsburg sta 12-3-98/676-677; New plans for new Pittsburgh sta. 5-219-00/270; Relocating line Wilmore to Summerhill, Pa. 11-23-01/750; Pittsburgh sta. & yards 3-15-02/203-205; Moving Allegheny River bridge at Pittsburgh 5-3-02/354-357; Pittsburgh term. interlocking plant 10-18-02/752-753; Pitts. sta. 10-18-02/757-759, 761-762; Duncannon new sta. & other improvements there 11-8-02/808-810; Juniata shop expansion 6-20-03/478-479; Track improvements east of Pittsburgh 10-10-03/732-733; Line relocation Latrobe, Pa. to Beatty's 3-12-04/192; Mapleton, Pa. stone arch bridge over Juniata 3-12-04/192; Louisiana Purchase Expo loco. test lab 5-14-04/354-355; 100 ton wrecker 7-16-04/521; Blair Furnace, Pa. Yd and eng. term 12-23-05/910-911; Galitzen tunnel ventilated 12-22-06/993-998; Altoona loco test plant 5-4-07/375-378; Grant St., Pitts. frt. sta. & L/O 3-200-09/248; Enola yard L/O 3-20-09/253; Record run Altoona to Harrisburg 131 miles in 112 minutes with #5075 E6 & 3 cars 3-4-11/169; Pitcairn Yd, Pitts. 10-5-12/914-916; Signal towers at Pitcairn Yd 10-26-12/976-977' Pittsburgh track elevation 5-245-13/474-477; Erie, Pa. grain elevator 12-22-17/754-755; Ebenezer (Buffalo) shops and eng. term. 9-6-19/323-331; Enola car shop 1-2-26/52-54; Juniata shop restoration 1-30/26/226-231; Pittsburgh frt. sta. 2-27-15/278-280; Altoona chemical & physical lab 7-3-15/2-5 & 7-10-15/42-47 & 7-24-15/117-120; Wilkensburg improvements & new sta. 9-9-16/335-337; Frt. train hits 4 helpers & kills 6 on New Portage C/O 11-11-16/652-653; Cumberland Valley Div. Susquehanna River bridge 12-9-16/783-789; Continuous train control tested on Lewistown Br. 11-1-24/654-657; Stores dept. 5-16-25/898-903;
West of Pittsburgh lines: (see also PCC&St.L for St. Louis lines west of Pittsburgh and PFtW&C for line to Chicago.) Cleveland track elevation 3-30-07/272-275; Shire, Oh roundhouse 8-3-07/675-676; Allegheny, Pa. pass. sta. 9-21-07/820-823; Ashtabula harbor improvements 3-14-08/202-207; Floods in Ohio, Ind, & Pa. (Worst floods ever to hit the RR) 9-13-13/862-867; Chicago frt. house 3-16-18/365-379; Columbus eng. term. 6-21-19/913-922; Canton, Oh. Stack Yd eng. term. 1-3-20/1-11 & 6-5-20/919-924; Entrance to Detroit 10-20-23/561-568; Milwaukee Ave. Chicago viaduct 5-30-14/789-793 & 6-27-14/937-942; Cleveland ore docks electric switching loco. 5-30-14/782-783; Indiana Harbor car shop 2-6-15/174-181; Chicago lift bridge 4-17-15/519-528;
Annual reports: 3-17-77/92-94; 3-13-80/124-126; 3-12-81/145-146 & 3-26-81/172-173; 1882 I missed indexing; 3-10-83/131, 133-134 & 3-17-83/146-147; 3-22-84/154-156; 3-8-90/139; 3-12-98/132-133, 136;
Locomotives: Oil fuel test 8-6-87/454; Webb compound #1320 2-4-0 4-6-89/183; Class "O" 4-4-0 7-26-90/480+insert & 8-2-90/446-447; #820? 4-4-2 E-1 8-26-99/474-475; #8478 E3 4-4-2 6-20-03/465-467; H3a, H6a, B8 locos 6-10-05/432-433; #2759 4-4-2 compound 7-8-05/505; #7452 4-4-2 compound 10-7-05/712-713; Experimental locos 4-4-2 compound, 2-6-2, 2-8-0 1-27-06/54-55; 4-6-2 #7067b 6-29-07/575-576; Electric loco #10001 8-31-07/762-763; #5075 E6 3-4-11/174-177; #1 electric tractor 2-1-13/106; El. tractor loco #1 for city streets 11-27-15/688; El. loco 2-8-8-2 6-23-17/870-873; 2-10-0 6-23-17/875-878; El. loco 2-8-2 #3930 6-21-24/1189-1191; 4-8-2 11-20-26/763-768;
Cars: Bay window parlor car, Bruce Price designer & patented 9-6-84/460; Box car #4139 J. N. Clouyd framing at Altoona 9-26-85/457; Hopper car 55 tons 10-15-98/577; Box car 50 ton 12-7-01/776-777; #95051 1-18-02/38-39; Lines west of Pitts. 4 wheel caboose 6-14-02/448-4489; 50 ton gondola 10-25-02/773; 1868 Box car #10864 & 1903 box car #69325 & 1868 gond. #8397 & 1868 coach #259 & 1903 coach #1206 6-27-03/488-489; Std. frt. cars Box XL, flat Fm, Hopper G1a, Gondola 65a, caboose NC 6-17-05/446-448; Steel coach #1651 8-18-06/630-631; Steel coach 6-8-07/481-487 & 6-15-07/510-515; Dynamometer car 7-6-07/590-593; Coke car drwg 3-27-09/285; Combination car #4848 & baggage car #5623 6-19-09/540; Gas motor car #4965 4 wheel by Fairbanks Morse Co 10-23-09/947, 946; Stock car development & present car #125060 10-15-10/969-970; clearance car #495601 3-25-11/269; RPO car #8629 4-15-11/339-340; M./U. cars for use on Hudson & Manhattan, Newark to Chambers St. 8-19-11/732-733; Dining cars 7-6-12/626-627; steel box car 11-2-12/996-997; lunch counter car 12-13-13/1149-1150; Express car #10001 7-5-19/1-2; Gond. #306001 & hopper #173001 7-12-19/45-50; Steel box cars 4-4-14/531-532; Steel cabooses #486751 10-3-14/405-409; Derrick car MW pix #348339 5-6-16/645; Express reefer #2550 2-3-17/155-157; 85 ton hopper #180002 3-10-17/323-326; Well flat car #435475 6-9-17/799-800; coach pix #939? 1-5-24/47; Brill car pix #5134 6-21-24/1224; Box car #573382 6-20-25/1150-1156;
Pennsylvania & New York: 1886/286;
Pensacola & Atlantic: annual report 4-22-82/235-236; 1886/388
Peoria & Pekin Union" Peoria swing bridge 12-25-09/1132-1134; 1886/128, 342
Peoria Ry. Term. Co.: Sprinkler car #51 8-27-10/823;

Pere Marquette RR: #349 2-8-0 #217 2-6-0 & #398 4-4-2 5-11-01/302-303; Grand Rapids shop 10-29-04/772-774 & 11-5-04/789-791; New Buffalo & Plymouth eng. terms. 4-16-21/591-598; Saginaw eng. term. 12-10-21/783-789; Orders 2 car ferries 8-11-23/204-205; Flint, Mich belt line 10-13-23/529-531; Manistee River viaduct 1-31-14/170-176; ICC report on P.M. - C.H.& D. merger 4-28-17/585-588; Automobile box car #86299 1-5-24/26; Hopper car pix #14109 1-5-24/2-4; Van Swerinton big merger proposal 8-16-24/231-233; Grand Rapids Wyoming shops enlarged 6-14-24/1108-1119; Grand Rapids car bldg program 6-21-24/1177-1185; Reefer car #25074 pix 6-21-24/1180; ; Toledo Ottawa Yd 3-14-25/506-509;
Philadelphia & Atlantic City: 1886/115, 696
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Visalia El. Ry: 15 cycle current 1-15-10/58-59;
Warren & Jamestown Ry: 2-17-06/108-110
Washington Alexandria & Mt. Vernon Ry: Car #15 5-4-01/290
Washington Baltimore & Annapolis El. Ry 10-4-02/720-722 no pix; 1-21-11/48-53;
West Side & Yonkers Ry: Harlem River bridge 6-24-82/355-357;

NON COMMON CARRIER RAILROADS, PLANT FACILITIES, CAR AND LOCOMOTIVE OWNERS

Albion Coal Mine, , Canada: Loco. "Sampson" 5-18-89/270-3271;
Allis Chalmers 100 ton flat car #101 4-28-06/308-310;
American Ry. Express Co: Express reefer #4000 5-31-24/949-956;
American Steel & Wire Co: Gond. car pix #591 1-17-24/142; Gond. pix #580 1-3-25/55
Atlantic Coast Lbr. Co.: 4 wheel el. loco 9-21-01/62
Bedford Stone Quarry's RR & train (Ind.) 10-24-96/591
Bennett Mining Co. #53 0-6-0 9-13-24/401;
Bethlehem Steel Co: Special car #842 for heavy castings 6-27-03/502; #26 0-6-0 3-2-07/161; 125 ton car #900 5-4-07/374-375;
Burton Stock Car Co: horse car #3001 1-18-90/39; stock car #2807 10-15-87/603;
Cambria Steel Co #20 0--6-0 11-18-99/649
Canada Cattle Car Co. stock car #638 1-4-90/adv. page XIII;
Carnegie Steel Co: Flat car #1002 & 1007 & hopper car #1008 & drwgs 6-13-96/328+insert
Chase Rolling Mill Co: electric loco 12-13-13/1143;
Chino Copper Co: dump car pix #295 1-5-24/43;
Colorado Fuel & Iron Co: Dump car #601 7-12-02/538
Continental Live Poultry Car Co: 7-19-90/425
Cutler Lbr. Co..: Shay #50 3-17-83/141;
Dolese & Shepard Co (Gary, Ind) quarry & Ry 12-4-09/1066-1069 & 1-22-10/88-89;
Foley Bros, Coalstrip, Mont. storage battery locos 5-23-25/937-938;
Ford Motor Co.: #4 0-8-0 [ix 7-21-23/102;
Frick Coke Co., H. C.: Tandem compressed air locos #58 & 59 1-2-09/3;
General Electric Co: Depressed flat car #40001 9-18-26/424
German (General) American Car Line GACL #1905 reefer 5-20-05/382-383 Gladwin County log RR 5-31-84/278;
Glen Union (Pa) Lbr. Co. aerial tramway across a river (first in U.S.?) 6-4-92/357
Grover Co (E. Chicago) Portable Oil Refining Co TPRX #1 5-17-24/898;
Horton Lbr. Co: 18 mile wood railroad in Ore., Junction City RR, 10-31-25/667;
Illinois Steel Co: #2 0-4-0T 6-20-08/496;
International Correspondence School: Dynamometer car #300 6-18-04/432-433; car 6-17-99/335; Instruction cars #101, 102 1-27-00/48, 49;
Johnson Automative Refrigerator Car Co: JARL #418 6-18-04/438
Kingman Refrigerator Line: KRLX refer #200 pix 1-5-24/27;
Lachine Steel Co 50T flat #801 5-14-01/352;
Lackawanna Iron & Steel Co. coke car #70 2-20-04/121;
Longdale Iron Co: Mann's Creek RR, WV 10-30-86/585, 628
Manns Creek RR: n.g. construction, WV 10-30-86/585, 628 (Torn up c. 1955)
McCabe (L.B.) & Bros. 40 ton flat car #1 3-6-97/37; portable rock crushing plant car #1 3-14-03/195;
Mid-West Despatch Co.: Reefer #2027 3-3-17/305;
Milwaukee Refrigerator Transit Co reefer 3-26-04/234
Mining Logging & Timber Co: Heisler loco. #1 9-7-07/784;
Mix Dairy Co, Ira J. (Chicago) milk car, Chicago PFAX #502
Pacific Fruit Express Co: Reefers 5-26-17/721-723; pass. reefer X700 & X534? 1-5-24/48; #25719 1-5-24/28;
Pennsylvania Coal Co. #17 0-4-0T, Ewen Colliery, Scranton 4-9-04/277
Pfaudler Co milk car PFAX #502 6-14-24/1149-1150;
Phillips Petroleum Co: PSPX #686 tank 4-18-25/729-731;
Pittsburgh Coal Co Warden Mine #A el. mine loco 6-12-26/1086
Portable Oil Refining Co TPRX #1 & #2 5-17-24/896-898;
Potlatch Lbr. Co: Constructing RRs with log loader 1-12-18/60-62;
Potts Logging: 1886/80
Robinson Bros. & Co (Akron, Oh) dump car #101 6-22-01/410-411
Rochester & Pittsburgh Coal & Iron Co steam motor car 5-16-03/383
Santa Fe Refrigerated Despatch Co SFRD #18362 pix 1-5-24/28
Tawas Logging RR (Mich) 1-1-81/9;
Tittabawassee & Hope Logging RR of Wright & Ketcham (Mich) 7-3-86/339;
Toledo Furnace Co #4 0-4-0 9-13-24/397;
Twin Buttes Milling Co: (Butte, Mont.) el. loco 5-24-13/490;
Union Refrigerator Transit Co: #70001 reefer 6-5-26/993-996
Union Tank Car Line: UTLX #35500 & #23325? 1-5-24/39-40;
United States Army: Hall Scott armored motor cars 6-21-19/938-939; Brooklyn Supply Base RR L/O 4-26-19/609-611; Helium tank car USQX 201 4-10-

26/673; Hospital train 2-2-18/146-150; Concrete float barges for rail cars to Governor's Island, N.Y. City 1-8-21/58; Long range Ry gun pix 4-12-24/697; Hospital cars 9-2-16/304-307; Armored car #1001 8-5-16/173-175
United States Fuel Co: Hopper car pix U.X. #1 1-5-24/33;
United States Govt. #4 2-4-4T "General Rodman" Sandy Hook Proving Ground, NJ 7-9-04/513
United States Naval Ry: Gun 3-29-19/477-480;
Universal Cement Co: Hopper car UPIX #301? 1-3-25/58; UPCX #949 steel box car 1-5-24/22 pix;
Universal Construction Co gondola car #6 7-18-96/395
Utah Copper Co: Caboose pix #016 1-5-24/42;
Wells Fargo Express Co: horse car #221 1-6-00/4
Western Union Telegraph Co: Private car "Chicago" 11-3-06/850-851;
Westinghouse El. Co: Depressed center flat car #126 or 128 7-22-11/661;
Wieland Dairy Co: 6000 gal. milk tank car N.O.I.X. 7-14-23/61-65
Wilkinson & Cole Co, Mountain Creek, Ala pole logging RR with 2 locos 3-14-85/130
Woodward Iron Co: Hopper car #920 6-8-12/508; El. loco. #27 8-26-11/760;
Wright & Ketchome Co (Mich.) Gladwin County log RR 5-31-84/278; Tittabawassee & Hope Logging RR 7-3-86/339;

FOREIGN
Africa: Rys in Africa 12-16-99/705
Central & South America: Survey of a Ry thru 4-8-99/189-190; Rys in 8-22-14/230-231;
Angola: Rys 6-19-97/349
Argentina: Buenos Ayres Great Southern Ry sleeping car 54-9-85/218-220; Govt. Ry 2-8-0 8-30-90/513; Buenos Ayres & Valparaiso Trans Andean Ry 4-11-03/288-291 Bueno Ayres & Pacific Ry all steel box car #11000 6-22-07/552-553; State Ry 11-26-21/721-723.v Buenos Aires electrification 2-24-17/261-265;
Australia: New South Wales 14 Hawkesbury River bridge designs 5-8-86/231+insert & 5-15-86/242; : Brisbane new Albert bridge 8-22-96/468-469; Queensland Burdekin River bridge 3-19-98/147; New South Wales Govt. Ry #525 2-8-0 11-12-98/637; New South Wales Govt. Ry improvements 12-9-99/690-691; South Australian Govt. Ry 4-8-2 4-3-26/656-657; Tasmania Ry Garratt loco. 1-6-12/2-3; Queensland Ry McKean car 2-1-13/100-101; Australia rys 10-25-19/597-600 & 11-1-19/ electrification 631-638; Western Australian Govt. Ry 4-6-2, 4-8-0, 4-6-4T 6-20-14/895-896;
Austria: Austrian Southern Ry #3002 2-8-0 1-28-99/48; Tauren Ry 10-21-05/750-754; State Ry #112.02 2-2-2T 10-5-07/866-867; Gas type feed water heater 2-8-0 & 2-10-0 #81.450 7-221-23/96-102
Belgium: State Ry 4 wheel box cars 10-2-15/441; #1001 dummy loco 12-4-15/713-715;
Bolivia: 3-15-19/385-390; Trans Andean Ry 10-18-19/562-564; Atacha-Villazon Ry construction 2-10-23/243-246;
Brazil: Great Southern Ry of .. 4-4-0T 10-8-87/580-581; Brazil's Rys 7-7-00/381 & 7-21-00/406 & 8-4-00/435, 437-438 & 8-18/462-462; Brazil's Rys 3-6-20/368-371 & 3-13-20/415-418; Paulista Ry electrified 7-2-21/1-5 & 12-24-21/857-860; Sao Paulo Ry 4 cyl. 4-6-0 1-9-15/47-48;
Bulgaria: 0-12-0T and 2-12-0 7-28-23/126-127;
Burma Ry: Locating a RR in Gokteck gorge 5-20-99/274; Gokteck Gorge viaduct 3-23-01/208; Fairless 0-6-6-0 loco. 6-13-03/449-450; Mines Ry 30" gauge 8-7-15/173-175;
Ceylon: Columbo sta pixs 5-8-97/261 & 5-15-97/275; Gampola sta. 5-29-97/303; Loco. & foreman's homes at Kandy 6-5-97/317; Track 6-19-97/349; Bridge to India 3-26-14/502-507;
Chile: Rys 3-1-19/305-309 & 3-8-19/351-355; Shops 6-28-19/967-971; Electrification 2-11-22/185-188 & 3-4-22/291-293;
China: Tientsin Ry opening 12-15-88/721-722; Lu Han Ry 12-4-97/693; China rys 5-13-99/263, 265-266; Peking-Kalgen Ry #21 0-6-6-0 9-19-08/768; China Rys 8-30-19/289-294 & 9-13-19/371-376; Canton - Hankow Ry 4-6-0, 2-8-0, 0-6-0T 9-2-16/318-320; Kiaochow Tsinan Ry 4-26-24/759-762; Chinese Eastern Ry future 1-4-24/504-507; China Rys & wars 1-31-25/225-228;
Columbia: F.C. del Cauca #7 0-6-2 8-12-99/446-447; National Ry #22 2-6-2T 7-3-26/6; National Ry "Kitson Moyer" #20 0-6-6-0T 1-3-20/31;
Congo: Ry: Matadi to Leopoldville 7-22-99/410-411
Costa Rica: Pine River gorge bridge of Pacific Ry 1-24-03/58-61
Cuba RRs: 11-5-98/619; Cuban Central Ry #101 2-8-0 & United Rys of Cuba #229 2-8-0 9-30-03/700, 7021; United Rys of Havana #273 2-8-0 6-19-26/1162; Western Ry of Havana #7 4-4-0 9-4-09/788; Hershey Cuban Ry electrified 4-10-20/593-595; Rys in 8-22-14/230-231; McKean car 4-22-16/571; Norte de Cuby Ry McKean car #800 10-7-16/488;
Ecuador: Guaquil & Quito Ry 10-13-00/579, 582
Egypt: Cairo pass. sta. interior 4-17-97/219; Electric ry to pyramids 7-29-99/419; Athbara River bridge 1-13-00/18-20; State Rys Brooks 4-4-2 6-6-00/331-332; State Rys Cairo Boulac shop 8-6-04/570-574; Gas electric train 11-1-13/1018-1019;
Estonia: armored train 4-3-20/581;
Finland: #300 4-6-0 10-27-00/604, 605;
Formosa: Govt. Ry 9-24-92/602-603
France: Gravity switching yards 1-9-91/21-24; Heilmann electric loco 10-28-93/655 & 8-7-97/454-455; Cab in front 4-4-4 10-13-00/578-579; Electrification 10-23-26/599-603l ; Garabut viaduct 2-12-81/81; 2' gauge light Ry - loading cars in woods pix 6-16-17/849;
Clermont-Ferrand at Puy de Dome Ry rack 5-4-07/379-380;
EST Ry (Eastern Ry) 4-2-0 unique loco. 11-28-91/774; double boiler 4-4-freak loco. 4-30-92/274-275, 278; Rapid loco. erection 10-8-98/562-563; Freak 4-4-0 #824? 8-19-99/466; Noisy-le-Sec loco. term. with domed roundhouses 11-3-00/618-619;
NORD Ry (Northern Ry) 4-4-0 4 cyl. compound 11-5-92/690-691; 4-4-2 9-17-92/582-583; #6122 0-6-2-2-6-0T 10-7-05/724-725
Western Ry of France: #3501 0-6-0T 3-6-86/110-111; St. Lazere Sta 7-237-89/434;
State Rys "Patay" 2-4-2 9-330-93/592;
German East Africa: (Lake Tanganyika area) rys 9-3-98/485-486
Germany: Siemens electric Rys 11-12-81/632; Cars and rails of 16th and 17th centuries from Setebgurger mines exhibit 6-10-93/363; Rotary snow plow 12-16-93/245; Wupper River Langen suspension ry 4-21-00/214-215; Berlin elevated ry 2-8-02/82-83; Recent locos 0--8-0, 2-6-0T, 0-4-4-0T Hagan type 8-8-03/598-599; 4-4-4 3 cyl. loco 8-13-04/586-588; tramway loco 1-24-03/67; #1202 4-6-0 with Una Flow cylinders 9-9-22/333-338; State Rys #5578 & #9000 2-10-0 std. 1-6-23/34-38; 3 cyl. 2-8-2 #1000 & 2-10-0 #5566 5-5-23/757-760;
Bavarian State Ry 2-4-4-0 9-29-00/546-547;
Hartz Mtn. rack Ry 2-16-89/91;
Prussian Hessian State Ry: 0-6-0 compound 3-2-89/114-115; storage battery train 2-28-14/330-333;
Great Britain: "Wylam Dilly" mine ry. loco of 1814 10-15-92/650-651; Crampton loco 2-4-2 1-1-87/79; Webb unique firebox 6-1-89/301; Plymouth Colliery of Wales and Trevithick's original rails and cars 5-27-93/326; Isle of Mann - Douglas Southern tramlines 2-20-97/106; Brennan gyroscopic mono rail 12-4-09/1071; Track design and maintenance 9-18-26/403-405;
Avonside Engine Co - tiny 0-4-0T locos 2-14-03/119;
Tredegar Iron & Coal Co 1865 flangeless 0-4-0T running on L rails 1-21-93/42
Barry Ry of South Wales 0-6-2 10-28-99/605
Central London Ry: 7-24-97/426-427; Locos. built by Gen. El. Co 4-9-98/185;
City & South London Ry: 11-29-90/716-717
Firth of Forth bridge 12-24-81/711-713; 8-13-87/467 & 8-20-87/486 & 8-27-87/495 & 9-3-87/509 & 9-10-87/523; 9-15-88/531-534;
Grand Central Ry: steam motor car 10-1-04/705;
Great Eastern Ry: 0-10-0T 2-7-03/100; 2-4-0 7-9-92/446-447; #712 2-4-0 oil burner 4-25-96/231; #999 0-6-0 4-22-93/247;
Great North of Scotland Ry: #77 4-4-0 1-17-91/40
Great Northern Ry: 0-8-2T #116 3-19-04/216, 217; King Edward's car 2-27-09/170-171; Putting drive wheels under tender of 0-6-0 in 1863-1866 4-10-15/489-490;
Great Northern & City Ry: Electric cars 8-13-04/596-597
Great Western Ry: Dining car 11-19-04/828-829; "Lord of the Isles" 4-2-2 4-1-93/197
Lancashire & Yorkshire Ry: business in England 4-9-92/224-225; Electrification 3-12-04/208-209
London & North Western Ry: "Greater Britain" #3292 2-4-2 12-26-91/828-829; "Queen Empress" 2-4-2 9-2-93/538-539 & 12-2-93/720-721; #2974 2-6-0T 7-16-87/411-413; Shunting loco 0-4-0 10-9-80/521-522; Crewe shop industrial n.g. 0-4-0 5-23-08/414;
London & South Western Ry: #467 4-4-0 2-4-88/57; Water tube boiler 9-30-99/546; Rebuilding #335 4-6-0 4-3-15/458-459;
London Brighton & South Coast Ry: Gasoline loco. 4-30-004/319
London Chatham & Dover Ry: Blackfriers bridge and sta. 9-12-85/438-439
London Midland & Scottish Ry: #139099 2-6-0 11-6-26/681-682
Mersey Ry: Electrification 5-23-03/400
Midland Ry: Derby shops and L/O 9-28-89/561, 562; #1668 4-4-0 4-4-85/157, 158; #26 4-2--2 3-17-88/141-142; #2501 2-6-0 4-29-99/235; #2512? 2-6-0 6-17-99/330-331;
North British Ry: Tay bridge disaster 1-3-80/1 & 2-7-80/65 & 7-24-80/367-368 & 7-31-80/386-389; Proposed Tay bridge 11-12-81/633; Tay bridge 8-13-87/467-468 & 9-17-87/547;
North Eastern Ry: #1324 2-4-0 7-16-87/411-413; #1518 4-2-2 5-30-91/341; Electric frt. loco. and pass. service 12-24-04/902-904; #1870 4-

4-0 12-26-96/716; Electrifying heavy frt. line Newport to Sheldon 8-12-16/208-213;
Port Talbot Ry & Dock Co: #20 0-8-2T 11-25-99/662-663
Severn Tunnel Ry: under construction 9-20-84/485;
Southern Ry: Electrocution 8-7-26/215-218;
Stockton & Darlington Ry: 1836 train poster 10-15-92/650
Greece: 2-8-2 12-4-15/713-715
Hungary: 4-4-0 1-23-92/50-51; State rys #3152 0-6-0 12-23-93/759; State Ry #409 4-4-0 12-9-93/734; Budapest underground electric ry. car 7-10-97/396-397; Loco. design 3-4-22/287-291; Water tube firebox loco. success 6-17-22/900-905;
Iceland: Proposed first ry of 6 miles at Reykjavik to be built 5-24-13/490;
India: Sukkur cantilever bridge on River Indus 3-31-88/179-180 & 1-10-91/21 & 4-11-91/230-231; Bombay's "Grandest Ry Sta. in the World." 12-29-88/742 Pass cars 4-16-92/244-245; Typical locos 7-23-92/472-473 & 7-30-91/484-485; Std. frt. car 4-30-92/276-277 & 5-7-92/291; Negapatam pass. car manufacturing shop 6-26-97/365 & 7-24-97/421; RR sta. scene 7-10-97/393; Ballasting track 9-11-97/519; Agra pass. sta. interior 9-4-97/505; Indiana pass. train 11-25-05/832-833; Stone arch bridge 7-27-07/656-658; Train load of elephants 9-12-08/736 pix; Military train 6-20-14/908-909; 2-6-6-2 11-22-24/820-824;
Bengal - Nagpur Ry hopper cars 10-2-15/432-433;
Bombay Baroda & Central Indian Ry running shed crane 12-31-97/745; #601 4-6-2 & 2-8-2 4-11-25/689-692;
Cooch Behar State Ry earthquake damage 11-13/97/50;
Darjaling Himalayan Ry 1-6-12/2-3;
East Bengal State Ry tank car 12-25-97/731; Lower Ganges River bridge 5-15-15/664-665;
East India Ry 3rd class car 9-18-97/533;
Great Indian Peninsula Ry Bombay electrification 7-10-26/41-44 & 10-23-26/627-628;
Indus Valley Ry bridge on Sutlej River V18, 1st half 1879/57-58;
Madras Ry: engine house at Madras 7-31-97/435; Madras Ry loco. back shop 12-11-97/703;
Mishkaf-Badan Ry bridge and tunnel 10-12-97/588;
Northwestern Ry Hurrachee 8-14-97/463; Northwestern Ry bogie goods wagon (8 wheels) 12-4-97/689; N.W.Ry 2--8-2Y 6-15-01/388l
South Indian Ry Egmore Sta. 3-1-02/134; South India Rt steel pass. cars 12-25-15/816-817;
Ireland: Listowel & Ballybunion Ry mono rail operations 3-10-88/127; Belfast & Northern Counties Ry 30 ton steel gondola 8-15-91/534-535; Gt. Southern Western Ry #500 4-6-0 7-4-25/17-19;
Italy: Adriatic Ry of Italy #5017 cab-in-front 4-16-04/203 & 9-10-04/656-657; Valtellina Ry 3 phase el. loco. #362 5-20-05/370-372; Steam tramway Milan-Tradata V19 1879/49; Ry up Vesuvius 7-10-80/339-340; Upper Italian Ry 4-6-0 8-23-84/433, 435;
Jamaica Ry: #21 4-8-0 7-30-21/144-145; #40 4-8-2 9-2-16/318-319;
Japan: 24 types of locos. in use 6-17-93/374-375; 4-4-2 built by Baldwin 4-10-97/209; First sleepers 8-11-00/447;
0-6-2T 7-10-97/402; Projected rys 12-31-97/750; Electrification program 10-16-261/579-581; Rys and operating problems 9-16-22/365-370; Schenectady built 4-4-0 3-19-98/146-147;
Hokkaido-Tanko Ry 2-6-2T #59? 11-2-01/704;
Imperial Govt. Rys of Japan described 5-6-99/251-252; #176 4-4-0 2-12-98/80; Dynamometer car 2-6-15/182-187;
Kansai Ry: Locos and pass. cars 8-18-00/458;
Koya T.K. #2 2-6-2 6-12-97/335;
Kyoto Ry construction 9-15-00/520-521;
Nippon Ry Omiya shop 10-1-98/548-549; 2-4-2T built by Schenectady 1-28-99/44;
NWTK #4 2-6-2T 12-12-96/689;
Sanyo Ry 1-21-99/34-35; Sanyo Ry #87 0-6-0T 6-25-98/350;
Korea: Seoul & Chemulpo RR #2 2-6-0T 3-5-98/115; Seoul Fusan RR #17 2-8-0 3-26-04/238;
Malaya: State Ry 2-6-0 & 4-6-21 7-9-21/50-51;
Manchuria Ry: Construction 5-7-98/245; Ry map & loco. #9 2-6-4T 11-23-07/1004-1005; South Manchurian Ry locos 10-25-24/611-615;
Mexico:
Central Mexican Ry: #66 2-8-0 5-23-91/326, 330; 4-6-0 121-28-91/766-767; Johnstone's double ender 3-26-92/196-197 #150 1-7-93/5;#207 2-8-2 10-9-97/578-580; Private presidential train 10-6-97/636; #199 2-8-0 7-2-98/359; Juarez sta. 11-25-99/--; #141 2-6-0 7-30-04/554-555; Tampico wharf 9-2-05/634-639;
Interoceanic Ry: Puebla yard and sta 3-26-98/161; #28 4-6-0 10-1-98/553; #60? 2-8-0 10-22-98/593;
Mexican Coal & Coke Co "Conquesta Coal Ry" #2 0-8-0 camelback 11-23-01/749;
Mexican Ry: All steel box car 8-15-03/610-611; Begins el. op. 7-18-25/81-82;
Monterey & Gulf Ry Monterrey sta. 10-11-90/609;
National Ry of Mexico: #405 4-6-0 8-23-02/622-623; #419 4-6-0 7-16-04/518; #567 2-8-0 8-6-04/574; E. M. C. gas el. car 1-31-25/241; Gond. pix #46017 1-3-25/57;
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Southern Pacific Ry of Mexico: Completion next month 5-8-26/835; Empalme shops 10-1-10/923-924;
Tehauntepec Ship Ry: proposed by Col. J. B. Eads (Eads St. Louis bridge builder) 10-16-80/537; ; 1-15-81/26; Progress 4-28-83/225; 8-18-83/479;
Netherlands: Kuilenburg bridge 8-7-80/395;
New Zealand: Rimutaka rack incline 2-16-89/91-92; Train staff operation 4-29-05/295-297; &5-6-05/328-329 & 5-20-05/383-384; Govt. Rys #1 4-6-0, #350? 2-6-2 & #? 4-6-2 9-28-01/632-633
Nicaragua: Rys 2-8-19/207-211;
Palestine: Jaffa & Jerusalem Ry 12-17-92/790-791;
Panama RR: Recommendations 7-15-05/522-523; #101 2-6-4T 10-28-05/769; Flanger car #73 2-17-06/110; Chiriqui Ry of Panama #2 2-8-0 6-19-26/1164; 7-22-82/413; Canal towing locos 2-10-12/122-123; Panama RR signal system 11-30-12/1088-1089; Relocation of RR 7-31-09/697-698; New Panama sta. 4-25-14/637-639; Pontoon bridge across the canal at Paraiso 1-16-15/82-84; Electric towing loco for canal 1-30-15/150-153; Panama City frt. house 1-30-15/159; 1886/32, 528
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Cooper, Peter, obit loco. builder 4-14-83/200;
Crampton: Thomas R. Loco. designer obit 5-12-88/263
Drew, Daniel: speculator, obit V19-79/135;
Robert Fairlee: Loco. inventor obit 8-29-85/410
Gardner, Wm. A., pres. C&NW obit 5-13-16/674
Garrett, John W.: B&O pres. obit;
Gould, Jay , RR manipulator obit 12-28-85/593
Harriman, Edward H., obit 9-11-09/817-818
Hill, James J. pres. GN Ry obit 6-3-166/778-780

Huntington , H. E., private interurban car 1-7-5/6-8
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Sloan, Samuel, DL&W-NYC bio 1-15-81/26;
Smith, Willard A., Editor & published "Railway Review" 1874-1923 obit 12-8-23/823-829;
Stephenson, Geo.: loco inventer, Bio 6-4-81/305-307, 308;
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Unit Ry. Motor Car Co: Stanley steam ry. motor car #101 1-6-17/27-28;

COMMUNICATION
National telegraphone for cars to trackside lines 3-21-03/234-235
Telephone vs telegraph 11-6-26/691-696
Origin of telegraph train dispatching 9-1-77/67-68; Dispatching by telephone 9-26-08/778-780;

COMPETITION
Buses 5-29-26/929-935; Buses and trucks 4-24-26/746-750. (Many articles in 1926 on buses not indexed.)
Water: Trains vs barges 11-10-00/630
Trucks 11-30-18/763-769 & 12-7-18/805-810;

ENGINE TERMINALS

Note: Most items indexed only under name of the railroad.

Coaling stations 6-22-01/402-403

Turntables: Wood construction 4-24-80/193; Greenleaf's patent for iron table 5-29-80/255-256; 1-14-82/17; Std. 60' design 7-11-96/381; Chicago Bridge & Iron Wks turntable 5-21-04/366-368; Turntable evolution: 1-27-06/56 , 3-17-06/180-181, 5-19-06/364-365, 6-30-06/489-490, 7-28-06/566-569; 11-3-06/853, 12-4-09/1071-1074 & 12-11-09/1092-1093; Twin span turntable & other types 10-29-21/563-568;

Water facilities: Dodge design of stand pipe water tank 8-22-85/398; Mansfield water column 11-19-92/724-725; U. S. Wind Engine & Pump Co. wind mills for water pumping V19-79/300-301 & 4-1-93/199; Water columns std. design 5-14-81/263 & comet design 5-21-81/277; Fairbanks Morse & Co. water tank & windmill 6-11-81/320-321; Smith Vale & Co. water stand pipe 6-10-82/324;

EXPOSITIONS

Chicago World's Columbian Expo. 1892-93. Transportation Bldg at the fair 9-26-91/6326-628; Barre Sliding Ry 1-6-92/89; Expo 8-27-92/539-541 9-10-92/568-569; Intramural Ry 12-3-92/755 & 3-4-93/135 & 9-16-93/564-566; Pullman train exhibit 7-1-93/410-411, 413

Louisiana Purchase Expo: RR exhibits 5-7-04/338-339 & 5-14-04/354-355

Panama Pacific Exposition (San Francisco) Ry. exhibit 5-29-15/719-721 & 6-5-15/765-769;

St. Louis Worlds Fair: Exhibit of all 30 locos on display 6-25-04/insert; Engine term. exhibit 12-31-04/970-978; Intramural Ry results and at Chicago in 1893 1-7-05/8-9;

Trans Mississippi Expo at Omaha 10-15-98/579-582

France - Paris Expo: U. S. exhibits 10-6-00/563-565 & 10-13-00/574-575 & 10-20-00/591, 596, 599 & 10-27-00/602

GOVERNMENT CONTROLS

Full crew laws: Repeal attempted in N.Y. 2-26-16/291-292; The laws in the U.S. 3-10-17/339-341 & 3-17-17/390-392; N. J. repeals full crew law 3-31-17/447;

Govt. or private ownership 1-31-92/64-65 & 2-6-92/84-85; 2-15-02/103-104;

Interstate Commerce Commission: The proposed law 1-8-87/21; The enacted Act 4-2-87/195-198 & 4--9-87/207, 210-212; Ry consolidation hearings 4-7-23/616-618;

Granger: Law suits: many articles in 1877 issues

Negro "Jim Crow" laws 12-5-14/677;

Potter Plan for rate fixing 10-24-25/617-621;

Monopoly practices: Law against anthracite RRs producing, transporting, and selling coal 6-15-07/528;

United States Railroad Administration:

Organizational chart 3-16-18/379-381 & 4-6-18/insert; Govt. takes over RRs 12-29-17/777-779; RRs returned to private ownership 3-6-20/363-364, 371-375 & 3-13-20/ 411-414 ;

Mississippi River barges 8-23-19/273

Failures: 3-4-22/293-295; Daniel Willard testimony 4-8-22/501-502 & 4-15-22/543-546 & 5-27-22/757-758 & other articles not indexed.

Freight car designs: 3-30-18/459-467 & 4-6-18/502-506 & 4-13-18/533-535; Std. refrigerator car 11-16-18/700-702 & 12-21-18/865-868; Cabooses 9-13-119/378-381;

Locomotives: 0-8-0 10-5-18/512-515; Std. locos 4-20-18/575-576; Russian locos converted 2-10-0 #1617 3-30-18/479 pix;

United States Bureau of Standards: Test weight scale car 9-29-23/471; 11-29-13/1098-1099;

LOCOMOTIVES

Compound: See also BUILDERS. 11-26-87/682-683; 7-21-83/420; Proposed 0-4-4-0T switching of M. W. Hibbard 11-1-13/1017;

Compressed air loco: Tests at Anaconda Copper Mining Co. 3-27-97/174-175; 1-2-09/3;

Diesel Locos: Problems of power transmission 10-6-23/497-499;

Electric: See also the BUILDERS. David G. Weems high speed loco test 4-4-91/216-217; & 6-4-92/361-362; Test of Gen. El. ; loco. vs B&O RR steam loco. 11-4-93/665; 1000 hp loco of Sprague, Duncan & Hutchinson to be built by Baldwin 11-4-93/661; Felix el. loco 2-4-82/63

Fireless 10-28-11/935-936;

Freaks: "James Toleman" 4-29-93/262-263 & 5-20-93/308-309; Shaw design 7-2-81/361-362; Fontaine design 11-5-81/616 & 12-10-81/691; Geo. A. Bothwell special fired 4-4-0 design 8-3-07/676-677;

Gas locos: Mack Co. 1-21-22/82-85

Gasoline electric loco. built by Patton Motor Car Co. 11-13-97/652-653; General Electric Co 10-6-23/488-489; 4-25-14/639-640;

Geared: Heisler loco being moved by truck trailer to newsite 12-6-19/835; Shay 3-17-83/141;

Mine locos: Electric first Baldwin Westinghouse for Stevens Coal Co 9-3-98/487

Strong loco. 2-3-83/57-59; 4-9-87/205-206+insert; Performance on N.P.RR 7-2-87/393; Tests 9-17-87/537-539 & 9-24-87/554 & 10-6-87/579-580; "A. G. Darwin" 12-8-88/707-708 & 1-12-89/16-17; & on Erie RR 3-26-89/163; ;

Steam motor locos: Baldwin 8-4-77/36

Three cylinder 2-14-25/297-299?

Loco. Testing Plants: Purdue, C&NW and Columbia Univ. 6-11-04/421-423, 425; Purdue's plant 1-30-92/65 & 1-15-98/18-19 & 6-11-04/421-422; Iowa State College 12-4-15/716-718

LOCOMOTIVE COMPONENTS

Bearings: Roller bearings used on electric loco 12-9-11/1067-1068;

Boiler & fireboxes Lawson design 10-31-85/527-528; Wootten design 6-3-99/301-304; Combustion chambers 3-12-92/159; Water tube boiler on CM&SP 10-17-96/580; Jacob Shupert low water tests 6-29-12/617-619; Coventry boiler 5-17-84/250; Superior flue blower eliminates need to dump fires 9-10-21/323-326;

Cabs: Steel car with wood lining on C.P.R. 9-20-90/553

Feed water heater: Coffin design 6-5-26/1029-1030; Wainwright heater 2-12-87/95-96

Fuel: Oil 7-9-87/401; Pulverized coal 12-29-17/785-78 & 2-26-16/299-303 & 5-20-16/717-728 & 12-23-16/852-859 ; Oil 8-30-84/446;

Headlights: Carbon arc invented by Geo. C. Pyle of Am. Electric Headlight Co 1-8-87/25; Carbon arc tested on LV RR 9-5-85/423; acetylene 3-4-99/124-125; Pyle carbon arc electric headlight 7-30-87/439; I. A. Williams & Co "Utica" 6-11-81/330; Sedlaczek design in Germany 10-6-83/582, 583; Electric required by I.C.C. 7-1-16/19-21;

Injectors, Clipper V18-79/275-276;

Lubricators: Cory's force feed 12-30-93/781-782; Detroit sight feed 7-30-87/439-440

Spark arrester: Hunter design 7-11-85/326-327; J. W. Nesmith's smoke stack used on D.S.P.&P.RR 3-27-80/145; Various designs 7-21-83/417-420 & 1-31-80/49-50 & 2-7-80/61-62;

Traction increaser: Ries electric device for locos 8-9-90/467

Valves: Lentz poppet 8-18-23/225-233 & 8-4-06/587-591; Slide, Robinson 8-21-80/423;

Valve gear: Young 11-5-04/791-792; Haley-Haberforn 3-28-96/171; Joy 5-6-82/251-253 & 5-27-82/305; Southern 8-14-15/214-215; Wilson valve gear on Chi. & Alton RR 4-13-89/197; Woolf v.g. 11-23-89/685-686;

Water purifer: Field's 5-30-91/345

LOCOMOTIVE BUILDERS

Baldwin Loco. Wks: Steam motor locos for street rys 8-4-77/364 cyl. compound loco tested on B&O RR 9-6-90/526-527 & 9-20-90/555-555; Electric traveling crane 10-17-91/671; 20,000 loco. 3-1-02/132; Diesel electric #58501 2-27-26/374-376; Decauville 4 & 6 wheel gasoline locos for foreign industrial use 10-28-16/587-588;

Baldwin Westinghouse Co: 8 wheel el. loco 3-7-96/133

Brooks Loco. Wks: Apprentice program, 11-10-83/660 & 2-16-84/81; Coventry boiler 5-17-84/250;

Cooke Loco. Wks new works 1-5-89/11-12;

General Electric Co: High speed loco. 7-15-93/444-445; Loco. #7 12-8-06/955; Gas electric loco 10-6-23/488-489; Erection shop view 11-30-12/1102-1103; Oil electric switcher with Ingersol Rand diesel 5-10-24/846-847;

Lima Loco. Co: Shay loco. at Chicago Expo 7-22-93/444; Gondola car #136 11-5-98/622; New works 8-9-02/504-505; first fireless 10-28-11/935-936; " Super Power" 2-8-4 5-2-25/799-811; #8000 2-8-2 2-7-25/270-271;

Locomotive & Machine Co. of Montreal: 11-5-04/794-795;

Mack Co: Gasoline loco 1-21-22/82-85;

Patton Motor Car Co. Gasoline electric loco. 11-13-97/652-653

Prouty Pierce Loco. Mfg. Co (Kansas City, Ks) gas loco for pass. service and frt service 6-4-04/402-403

Rhode Island Loco. Wks Forney 2-6-4 1-16-92/34+insert; 4-4-0 compound loco 12-5-91/782-784;

Schenectady Loco Wks: History 8-6-10/762-763;

Teroot & Monahan Co (Oshkosh) gas industrial switcher 12-28-07/1106;

Thomson Houston El. Loco. 12-12-91/807

Westinghouse Electric Co: Two unit el. loco. #9, 0-6--0 - 0-6-0, 5-20-05/374 & 6-3-05/410-411

MISCELLANEOUS

Accounting : Labor saving devices in RR offices: 2-8-19/215-2187 & 2-15-19/245-248 & 3-8-19/347-350 & May 1919/623e, 759-761, 807-809; & 6-7-19/825-826; procedures using punch cards 10-30-26/647-648;

Arnold electro pneumatic el. loco. ry. system 1-2-04/3-6, 13-14; .

Bankruptcy: 9-1-83/507-508 (Other magazines at this time also had articles on RR bankruptcies but I did not index them. Check their indexes.

Bridges: Pontoon 5-24-19/776-777 & 6-28-19/990-991;

Conductor punches 8-28-80/422

Conventions: Special Pullman trains 10-9-86/546;
Hoboes 9-25-15/396-397;
Leasing companies: United States Rolling Stock Co 4-9-81/203 & 10-28-82/618 & 12-16-82/716;
LCL transfer at St. Louis between RRs handled by Columbia Terminals Co. trucks 6-26-26/1193-1198
Mail catchers: Fleming design 2-12-98/74; Hauss design 8--1-96/42; Cummings crane and catcher on Hocking Valley RR 7-1-05/492-493; Sebree mail crane 5-7-10/443-444 & 12-30-11/1128; Hupp mail catcher 10-2-15/436-440;
Pay car system being abolished 11-19-04/819
Purdue locomotives: receives Daniel Nason & car 12-17-04/893;
Safety: Many articles not indexed except against specific railroads such as N&W RR safety program 10-21-16/553-555; Crossing gate's cartoon 10-9-86/544;
Section houses: 2-11-99/76-77
Sunday train service 4-27-89/231;
Steamship Line ownership must be divorced 5-22-15/682-685;
Tourist passenger trains of Raymond & Whitcomb Tours "Land Cruise" trains 5-22-26/905-906;
Train indicator boards showing all stops: Hutchinson Co. design 5-21-10/492-493;
Traffic: Frt., car loads about 1,100,000 weekly (25% were LCL) 9-25-26/481
Tunnel construction modern methods 10-30-15/547-555;
University of Illinois interurban test car 8-11-06/612-614l
Weight, Cars: Increasing from 286,000# to 315,000# 11-99/22-24
Yards - Gravity switch yards (invented 1888 in France) 1-9-91/21-24

PERSONNEL
Apprentice schools and education: Brooks Loco. Wks program 11-10-83/660 & 2-16-84/81;
Brotherhood of Loco. Eng'rs: First strike P&R RR 4-14-77/122, 123 & 4-21-77/132 & 5-4-77/149; Union report 10-25-84/552;
Chief Clerk: 11-11-22/679-681;
College men in RR service: (A fair number of articles not indexed. RRs didn't want to pay them was biggest problem) 7-26-24/122-124, 135 & 8-2-24/175-176;
Employment stabilization 3-20-26/555-556
Job Descriptions:
Management relations 10-31-85/530-531
Negro: Depot hands on C&O RR, Uncle Ned 2-16-18/237-239;
Police 12-30-16/907
Roundhouse foreman's job 5-21-04/377-378;
Strikes: Great RR strike of 1877: described 7-28-77/26-28; failure 9-8-77/73-74; Engineer's strike on CB&Q RR (This must have been a very important RR strike in the 1800s.) 3-3-88/116-117; 3-10-88/131; 3-17-88/142-147; 3-31/172-173; 4-7-88/189; 4-14-88/202; 5-5-88/247; 7-7-88/390-391, 399; 7-14-88/404, 7-28-88/433; 8-4-88/447-448 and 8-18-88/475-475; In 1920 there were many strikes which I did not index. See magazine's index for that year; 7-21/418-419; Strike of 1922 - many articles in 2nd half of year. See mag's index; Strike aftermath 1-6-23/75;
Trackwalker: Items on him are in the 1888 volume. check the volume's index.
Unions and RRs 7-19-02/555;
Welfare: Employees Relief Assoc: first (B&O) 2-16-84/81;
Women: War work in shop and track gangs 7-27-18/122-123; Women in RRing 10-3-25/513-514 & 12-12-25/875-876;
Y. M. C. A.(RR): First V18-79/262; many articles during 1879 not indexed; V18-79/287-288; YMCA bldg in New York City on NYC RR land 7-13-12/653;
Yardmaster's job 11-18-05/821-822

RAILROADS & RAILWAYS
Cable Ry: Early 1-29-81/53
Electric Interurban & St. Rys: Discussed by Dr. Siemans 3-6-80/109 & 3-13-80/121; El. Rys 8-14-80/409; Siemans Ry (Germany) 11-12-81/632; El. Rys in Ohio, Mich, Il & Ind. paralleling steam RRs 9-8-06/688-691;
Elevated: Elevated railway electrically operated 8-7-97/451-454
Gravity Passenger Ry for cities 9-9-82/520;
Horse RR: track 9-11-80/465-466;
Logging Railroads: Wilkinson & Cole , Mosquito Creek, Ala. pole road with steam locos 3-14-85/130; Michigan RRs 10-24-85/?; Logging RRs 2-5-87/81; Calif log. RRs 4-7-83/184; Pole 2-11-82/81;
Narrow gauge: "Narrow Gauge Ry Convention Proceedings": first in 1877 was not reported; 2nd 7-20-78/21-22 & 7-27-78/31-32; 3rd convention 10-26-78/150-151 & 11-2-78/162-163 & 11-9-78/174-175; Are N.G. RRs economical? 11-23-78/192-193 & 11-30-78/201; N.G. RRs in western Penna. 1-20-83/39; 2' and under 1-7-99/9-10;
Pneumatic Tramways Engineering Co: V19-79/124; 10-21-82/593-594;
Rate making: wars 6-14-90/335; Frt. charges by western RRs 8-18-83/477-478
Pools: Explained 9-15-83/537; Iowa pool troubles 12-22-83/251; Explained 4-12-84/185-189, 190 & 4-26-84/211-213, 214; Pooling system 6-6-85/265, 269; 8-4-88/443; 12-8-88/699 & 12-15-88/720-721; 11-1-90/655-656;
Western Trunk Line Association failure 1-21-88/35
Single track RRs: capacity limits symposium (about 60 trains per day) 3-15-02/185-191;
Stock watering: 5-13-93/299-300

SIGNALS AND INTERLOCKING
Automatic block signals: Howell Potter signal system with safety stop used on Intramural Ry at Chicago Expo 11-25-93/705-706; Long's design of Penna. Steel Co's semaphore signal 12-1-88/681-682; Semaphore signals 8-31-01/576-577; Union Switch & Signal Co's electric semaphore signal 12-4-97/690-691; Peters signal system tested on Chi., Cinc. & Louisville RR. 2-13-04/100-101; General Electric Co. semaphore signals 7-8-05/506-507; Hall banjo automatic signal 9-27-90/576-578; Upper left hand vs upper right hand quadrant signals 6-26-09/581-582;
Cab signals: Automatic train order cab signal 7-19-02/548-549; Rowell Potter block signal and auto. stop 12-26-08/1038-1039;
Crossing signals: Magneto-electro 10-10-85/481; Crossing gates danger cartoon 10-9-86/544; Hall Signal Co grade crossing signal 5-20-93/315-316; Grade crossing protection signals 10-23-15/531-532; highway crossing signals, "wig wag" type 10-21-16/564-565;
Interlocking at RR crossings 2-24-83/99-100;
Interlocking towers: Pneumatic 7-17-97/412-413; Electro pneumatic at Altoona, Pa. 8-28-97/496;
Koyl parabolic semaphore signal; 10-5-89/575-576;
Lanterns and marker lamps 10-6-80/577;
Manual block signal systems: Fontaine time signal and mile post (somewhat similar to manual block) 3-22-90/169 & 11-22-90/703; J. W. Lattig manual block signal system of National Switch and Signal Co., Easton, Pa. 12-31-92/822
Train order signals: Stewart-Hall system 1-24-91/59
General Ry. Signal Co Rochester Works 12-7-07/1056-1057;
Union Switch and Signal Co: Works at Swissdale, Pa. 11-9-01/720-721; 2-7-03/97
Signal exhibit at St. Louis Expo 12-31-04/978-987
Trains operated by signals only (no train orders) 5-9-25/850-855 & 5-16-25/907-909 & 6-6-25/1023-1025 & 6-13-25/1107-1109;

TRACK
History : Historic U.S. and British exhibit at St. Louis Expo 12-31-04/ 944-956 &961-963; Rails of 16th & 17th Century in Germany 6-10-93/363;
Gauges: RRs listed in U.S.and Canada of over 4' 8 1/2" (about 50) 9-22-77/90;
Crossing Protection (Highway) Gates Pneumatic 1-8-87/24; automatic gate & signals, O.H.P. Cornel's design 10-17-85/493; Bogue & Mills design 2-1-02/68-69; Wilson gate design 3-26-01/171; Pneumatic operated 12-17-87/729; See also SIGNALS
Crossings, of railroads: Eynon continuous crossing 5-20-16/706-707; Alexander design 1-5-18/44-45
Rails: U rails instead of Tee 7-23-81/403-404; cross sections 2-12-81/inserts; Cincave U rail 6-12-80/283-284;
Spikes: Holding power of straight, twist & screw spikes test 11-22-19/759-761 & 11-29/19/797-801;
Switches: Coughlin swing rail frog for switches 10-10-03/736-737 & 2-5-98/58; frogless design 11-21-85/561-563; Switch stand 4-30-98/226-227 Switch stands 3-12-98/128-129; Slip How to renew 7-10-26/45-46; Kelsey & Stevenson design switch stand 2-14-91/103; Safety 1-22-81/26-27; doubleslip switches 5-5-23/765-767; Ramapo switch stands 3-14-08/209-210; Indianapolis Switch & Frog Co: described 8-16-13/776-781;
Switch heaters, oil 11-17-06/892-893;
"Tell Tales" bridge guards 3-14-03/189, 11-21-14/620-625;
Tie plate: with shoulder 11-29-90/719
Ties: Steel and reinforced steel experiment on Lakeside & Marblehead RR 8-1-03/580-581; Taylors metallic tie 1-29-87/68; Bidwell steel ties 3-25-99/162; Metal ties 8-4-88/452-453; Creosoting preservation 9-12-96/510;
Track Laying Machines: Moore design 6-18-87/360-361; F.F. Voight system 1-7-93/11; Hurley machine 3-18-05/193-194; Bell machine 12-15-17/725-727; Moore machine 4-29-82/237-238; rapid track laying V19-79/13;

RAILWAY STOREKEEPER 1908 - 1920
RAILWAY PURCHASING AND STORES 1921 - 1951

This monthly magazine had numerous short articles of one to three pages which were so superficial as not to be worth indexing. *Railway Storekeeper* had virtually nothing worthy of indexing. With the change of name in 1921 came a broadening of subject matter with usually a few three to four page articles dealing with stores facilities in which the pictures may have some merit, and so they were indexed. Articles of four or more pages were indexed along with a few having less pages which had better than usual pictures. After 1940 it began including articles on a few cars. I discontinued indexing after 1951 because of the lack of feature articles.

RAILROADS

Atchison Topeka & Santa Fe RR: Oil supply car #191,651, 9-23/311; Ice manufacturing plant at Hobart, Cal. 3-22/62-63; Cleburne, Tex stores facility 3-34/93-98; Richmond, Cal & Santa Fe, NM supply deports 6-29/294-295 and San Bernardino depot 302-303; Amarillo stores facility 6-28/288-292 Use of Mexicans on track gangs 4-44/247-248; Maintenance of way equipment 9-44/567-570; Kansas City & Topeka worst flood 10-51/69-74

Atlantic Coast Line: Stores facilities on the railroad 4-27/188-192; Waycross storehouse and yard 5-31/225-230; Waycross and Rocky Mount reclamation plants 5-29/208-212

Baltimore & Ohio RR: Develops new covered hopper car #630,200, new box car design #279,999, and new open hoppers, 5-35/226-229; Covered hopper #630500 1-47/176;

Boston & Maine RR: Flood damage in November 12-27/556-565; Billerica stores facility 12-29/610-611

Canadian National Ry: Quebec stores facilities 3-28/156-157

Central of Georgia RR: Macon stores facilities 4-29/180-181

Central RR of New Jersey: Aerial photo of entire Jersey City yards 9-30/adv. p. 3;

Chesapeake & Ohio RR: Huntington stores shop 5-29/214-215; Hopper car #52546 9-42/510;

Chicago & Alton RR: General storehouse sat Bloomington, Il 8-23/281-290 and 9-27/448-449;

Chicago & Eastern Illinois Ry: Danville, Il. scrap reclamation yard 7-27/370-373; Scrapping locos., 6-30/322-323; Box car #2 1-47/175;

Chicago & Illinois Midland RR: Builds a storehouse, 8-40/384-387

Chicago, Burlington & Quincy RR: Interior photos of lounge cars on "Blackbird" and "Nebraska Ltd" trains 5-28/246; Stores dept. at Havelock, Neb. 6-42/301-307; Quarry operation 10-49/67-70;

Chicago Indianapolis & Louisville RR: Welded rail 9-47/95-98

Chicago, North Shore & Milwaukee RR: Handling trucks on frt. cars 3-32/104 & 5-32/173

Chicago, Rock Island & Pacific RR: Reclamation plant and scrap yard at Silvis, Il, 12-21/221-229 & 269-274; Silvis scrap yard 11-41/581-584; Scrap reclamation program 8-43/389-394; Aluminum box car 20060 (?) 3-45/233-238; Chicago test lab 3-46/121-124; Kansas City worst flood 9-51/103-105;

Cleveland, Cincinnati, Chicago & St. Louis RR: L.C.L. Container car #50199 (?) of about 1918; Beech Grove general stores dept. 6-41/305-307;

Clinchfield RR: Caboose #1061 9-42/515

Columbus & Greenville RR: Supply train service 6-29/266-267

Delaware & Hudson RR: Using scrap rails for ties in yards 7-27/389

Delaware, Lackawanna & Western RR: Scranton stores facility 12-27/566-567; Tie treatment savings 1-28/111-113 & 2-28/153-154

Elgin Joliet & Eastern RR: Joliet stores facilities 2-48/59-63;

Erie RR: Box car#95000 12-42/55; Meadville scrap program 12-48/89-91;

Florida East Coast Ry: St. Augustine storehouse, 8-29/448-449;

General American Tank Co GATX: Tank car #35947 1-47/175;

Grand Trunk Western Ry: Battle Creek stores facility 10-28/536-537

Great Northern: Gondola 75099 12-45/794; Flat car 66001 5-46/16;

Gulf Mobile & Ohio RR: Growing pains of a southern RR 2-49/69-72;

Illinois Central RR: Paducah shops 1-32/19-25 & 6-32/204-206; Paducah stores facilities 1-28/40-43; Burnside, Chicago stores facility, 5-28/232-233; New Orleans stores dept. 5-46/99-102; Nonconnah Shop and material 12-46/99-102; Building frt. cars at Centralia, Il shops 4-47/63-68; Alum-steel hopper car 66700 2-48/90; Paducah shops 2-51/68

Lehigh Valley RR: Sayre, Pa. reclamation plant 2-35/74-78; Sayre stores facility 11-27/534-535

Minneapolis, St. Paul & Sault Ste Marie RR: Minneapolis stores facility, 11-28/576-577;

Missouri Kansas Texas RR: Store house train to restock small terminals, 10-23/342-345

Missouri Pacific RR: Sedalia shops, 6-21/113-118; DeSoto, Mo shop & storeroom 4-48/65-69;

Mobile & Ohio RR: Jackson, Tn. stores facility 1-28/52-55

New York Central: Tie preservation plant at Air Line Jct., Ohio, 1-20/305-308; Cleveland locomotive scrapping facility 1-26/48-49 & 10-33/286-288; West Side (Manhattan) elevated railroad line 8-34/324-326; Ashtabula reclamation plant 11-37/523-528; Coach 2670 12-42/669-670; Snow removal machine for yards 2-46/86; L.C.L. "Pacemaker" frt. service 5-48/116-119;

New York Chicago & St. Louis: Lima, Oh general stores dept. 12-48/73-78;

New York New Haven & Hartford RR: #3270? 2-10-2 reclaimed from scrap pile and rebuilt 9-42/478-479;

Norfolk & Western RR: Roanoke shops 12-42/627-630; Roanoke stores dept. 4-51/61-67

Northern Pacific Ry: Brainerd scrap yard 12-34/469-472; Livingston, Mont. stare house 10-44/623-628; Brainerd shop 11-46/89-94;

Pacific Fruit Express Co: #45698 alum. reefer 2-47/87;

Pere Marquette RR: Battle Creek stores facility 6-28/302-304; Grand Rapids stores facility 4-27/186-187;

Public Service Coordinated Transport: Stores dept. and work trolley cars 4-29/174-179;

Reading Ry: Reading, Pa. stores dept. 1-32/30-33; Reading, Pa. new stores facility 5-30/227-234; New stores warehouse 6-29/336-338; Special tank car 90941 8-42/439;

Richmond Fredericksburg & Potomac RR: "Old Dominion" train 12-47/92;

St. Louis Refrigerator Car Co: SLRX #4153 Reefer car 2-41/108

St. Louis San Francisco RR: Springfield, Mo diesel shop & stores 12-50/70-73;

Southern Ry: Centralized scrap yard 2-44/123-126; General stores facilities at: Knoxville 4-45/291-295, Charlotte 5-45/335-341, Spartenburg 9-45/621-624, Chattanooga 11-45/731-735, Atlanta 12-45/779-784, Birmingham 2-46/77-81; Spartenburg supply yard 6-49/95-98;

Southern Pacific: El Paso stores dept. 9-35/417-422; Material handling at L. A. shops, 6-30/318-321; General stores facilities at: Los Angeles 7-41/367-373, El Paso 9-41/488-494, Tucson 12-41/647-650, Sacramento 3-41/163?-139? & 4-41/196-202 & 5-41/242-249, West Oakland 2-42/105-110 & 3-42/148-151, Bakersfield 5-42/256-259, Sparks 6-42/309-312, Ogden 7-42/370-372, Dunsmuir 9-42/459-462; Use of women in the war 10-43/473-476; M. of W. flat car 2012 1-44/73; Box car 95652 6-44/385

Tennessee Central RR: Stores facility at Nashville & Yard layout 12-43/579-582

Texas & Pacific RR: Marshall;, Tx stores facility 4-28/194-195

Union Pacific: Evanston, Wyo. reclamation plant 1-35/35-41; Supply train service 6-26/255-257 and 1-28/82-84; Supply train operation 9-51/87-92;

Wabash RR: Decatur, Il, scrap facility 2-34/57;

Western Maryland RR: Old coach store supply car 4-21/77;

FOREIGN

Argentina: Wood burning loco. 10-46/75-79

Cuba: United Rys of Havana material supplies 8-27/405-411

Germany: Captured German locomotives and cars brought to the U.S. 4-46/96-102

India: Chittaranjan Loco. Works established 9-51/110-112 & 10-51/75-78

Netherlands: Railway reconstruction after the war 11-47/103-106

Puerto Rico: Stores department 1-30/45-49

MISCELLANEOUS

Accounting: Machine accounting with punch cards 5-49/95-100

Bearings, Roller - Their future 2-49/93-95

Biography: Ralph Budd 10-49/81-83

Car Builder: Budd Co. at Philadelphia 12-47/96-98

Cars: Cor-ten steel for hopper cars 5-46/138; Economics of aluminum 2-48/84-86;

Expositions: Chicago Railroad Fair 8-48/62-67 & 9-48/114-115 & 6-49/113-114 & 8-49/76-79

Labor: 40 hour work week 5-49/83 & 6-49/79 & 11-49/77;

Locomotive Builder - Baldwin outlook for 1949 1-49/197-198

Locomotive Builder - E.M.D. New diesel parts center 3-49/121-122; Opens Cleveland plant #3 to build switchers 3-49/120; LaGrange, Il. development center opened 11-47/122-123; E.M.D. loco. replacement plan 8-60/33-34 & 9-60/49-50

Locomotive Builder - Ingalls Ship Yard. diesel loco. 5-46/136

Maintenance of Way Equipment: Mechanized equipment 3-48/93-97

Track - Tie treatment savings study on D.L.&W.RR 1-28/111-113 & 2-28/153-154 ; Using scrap rails for ties in yards on D&H RR, 7-27/389

U.S. Military Railway Service: Organization and history 2-42/113-117; Wartime activities 10-43/481-485; Troop sleeper #7000 10-43/510; Hospital cars 2-44/147; Troop kitchen cars K-100 12-43/612; RR reserve units 12-44/745-750;

SIGNAL ENGINEER 1908-1915
RAILWAY SIGNAL ENGINEER 1915-1923
RAILWAY SIGNALING 1923-1948
RAILWAY SIGNALING AND COMMUNICATIONS 1949 - 1970

This was a monthly magazine. It reported on new signaling developments and had articles on railroad installations. It also included information on track cars because they were used to transport the signalmen. The articles are well illustrated showing interlocking towers, track and signal scenes, track diagrams and trains at signals. Most articles mention the types and number of trains being operated and other interesting information for people not interested in the signal information. Besides the regular articles the magazine reported all new signaling installations, both block and interlocking in the news columns. I did not index these items nor are they indexed in the indexes bound in each volume.

The magazine was independently started. In May 1910 it was sold to the *Railroad Gazette* which became part of Simmons Boardman Publishing Co in 1911

Each year in the January issue it listed in tabular form all new signal and interlocking construction of the previous year. During 1921-1926 there were numerous articles on automatic train control which I did not index as most of it was either the latest news or a rehash of what previously appeared.

The 1920s saw the greatest era of development of new signaling and safety ideas. Automatic train control became very important, the first C.T.C. (centralized traffic control), first remote control of interlocking which allowed doing away with towers, use of electricity from batteries for semaphore signals, spring switches. Crossing watchmen and manual gates began to be replaced by flashers and automatic gates that went only half way across the street.

It carried relatively little electric railway news, leaving that to the electric railway magazines.

The magazine also reported on most fatal (either employee or passenger) train accidents. I indexed most which involved passengers and some of the more interesting (to me) others.

Through its pages the 20th Century evolution of railroading can be seen evolving. First it was automatic block signals. During the twenties automatic train control and electro pneumatic retarders for hump yards and a workable spring switch. The 1930s saw the streamline era and speeds of 90 mph (100 for making up time) anticipated for all railroads. Remote control of interlocking eliminated numerous towers at railroad crossings. By 1940 future freight train equipment was being developed for 80-85 mph speeds. (Neither speed increase really developed and became permanent. so as to be a spring board into the next round of speed increases. In fact the Southern Pacific dropped from 100 when making up time in the 1940s to only 70 by the 1970s.) CTC began to be used to increase track capacity. Automatic crossing gates replaced manual. After the war safety devices such as hot box detectors, broken wheel detectors, and dragging equipment detectors were developed. Radio communication became practical and the computer entered the picture in the late 1950s. The 1950s saw the beginning of down grading track capacity by removal of second tracks and replacing it with CTC. Late in the decade roller bearings began to be used for freight cars and with it the 100 ton coal and covered hopper cars proliferated. By 1960 tests had proven the feasibility of fully automatic train operation (no crew) and also for locomotives in yard switching and local freight service. As with the increase in speed that had been anticipated (today's fastest freights travel at only 70 - just 10 mph faster than sixty years ago, and the railroads have eliminated the ability to run passenger trains above 79) so the radio control of locomotives for switching and train moving between fixed points never came to reality.) The 1960s saw much interest in microwave and the eventually unsuccessful automatic car identification.

In the 1960s most articles were superficially written. Those of real interest were also reported in *Railway Age.* I discontinued indexing with March 1970

Articles concerning two railroads crossing are indexed only under the railroad which operated the tower. If you do not find an article on a specific railroad for a junction, check the other railroad.

I indexed the earliest article on a new thing by subject besides the railroad such as automatic crossing gates. Subsequent articles were indexed only to the railroad.

Abbreviations:

C.T.C. (CTC) Centralized traffic control
A.C.I. (ACI) Automatic car identification
A.T.C.(ATC) Automatic train control
Auto. Automatic
Jct Junction
Sta station
Pix picture (s) only.

STEAM RAILROADS UNITED STATES AND CANADIAN RAILROADS

Alabama Great Southern: signaling Burstall to Irondale Jct., Ala. 9-16/257-258;

Alaska RR: Scenes along 4-20/155; Opened by Pres. Harding pixs 9-23/386; Hurricane Gulch Arch bridge pix 7-25/279; Microwave replaces pole line 3-59/20-26

Alton: (See also Chicago & Alton): New tower at Wann, Il 6-41/295-299;

Alton & Southern: Jct. with L&N and St.L. & O'Fallon 7-15/207-208; East St. L. crossing of Sou. Ry interlocking 11-33/301-303; Automates E. St. Louis crossing of Mobile & Ohio 4-34/187-188; Radio and loudspeaker 6-49/381-384;

Atchison Topeka & Santa Fe: Replacing Hall banjo signals with semaphore in Kansas 1-12/5-8; Golden Gate tower at Oakland, Cal. 5-16/137-139; Signals installed in 1922 11-22/435-438; Telegraph repeater sta. at Shopton, Ia. 3-23/136-138; double tracks Yanqai to Topock, Az & signals 4-24/155-157; Burtron, Ks. spring switch eliminates tower 6-24/244-245; Signaling Ellinor, Ks to El Dolido 1-25/3-5; Display of different signals pix 10-28/388; Opens largest Ry telegraph office in the U.S. 9-25/347-351; Uses cab signals and A.T.C. to replace trackside signals Ft. Madison, Ia. to Pequot, Ill. 8-27/283-292; Signaling description in Ariz and N.M. 2-29/53-56; Signaling of the RR 3-29/93-97; Installs semaphore signals Angiola to Landco, Calif. 7-29/261-263; Interlocking at Camp, Ok and Lost Springs 3-30/87-92; Emporia, Ks interlocking 5-30/163-165; Kinsley to Dodge City signals 4-31/118-122; CTC Holidy. Ks to Olathe 1-32/13-16; Riverside, Cal. interlocking 1-33/23-24; Extending battery life for signals 9-35/463-468; Automatic interlocking and spring switches at Los Angeles 9-35/472-474; Neva, Ks tower eliminated 1-34/21-23; Interlocking at Ottawa & Iola, Ks 3-34/136-138, 150; Ft.W.&D.C. RR jct at Chillocothe, Tx 12-34/587-590; Dumos Jct., Amarillo, Tx remote control with CRI&P 5-36/247-250; Crossing gates for RR crossing of M.P. at Mella Plains, Ks 2-37/88-90; Approach control battery operated switch lamps 3-37/145-147; Crossing of St. L. - S.F. at Burrton Ks 11-37/632-634; Mission Jct. Tower at Los Angeles 7-39/388-395 & 380-387; Tests radio train communication end to end 7-44/385-386; CTC Los A. to San Diego 12-44/668-674; CTC Belen to Vaughn, NM 3-45/167-172; CTC Waynoka, Ok to Canadien, Tx 7-47/409-419; Radio used in Chicago for yard switchers 7-48/412-414; CTC Newton to Mulvane, Ks and Ellinor to Mulvane 8-48/471-475; Radio for Bakersfield to Williams and Los Angeles 1-50/42-46; Retarder at small Pueblo yard 7-51/451; CTC no stop Fresno to Stockton 4-57/22-25; Micro wave San Bernardino to Victorville and Cushenbury 11-57/38-44; CTC double track line Holliday Ks to Emporia 3-59/13-19; Installs microwave Topeka to Kansas city 4-59/18-21; Microwave in Arz & New Mexico 11-59/26-27; Microwave in Galveston area 1-53/48-53; Non stop meets on Bakersfield to Fresno CTC line 2-54/34-39; Radio of 2/3 Chi. to L.A. 3-54/33-37; Loco. radio on switchers and on main line 4-54/42-43; Winslow, Az interlocking 7-54/44-45; CTC Newkirk Ok to Ourcell 4-55/25-59; Signals Williams line change 8-61/15-18;

Atlanta & West Point: Radio train dispatching 3-23/143;

Atlanta Terminal: Two new interlocking towers 7-40/380-386

Atlantic Coast Line: Moncrief, Fl Jct. with St. John River Term. Co. 12-10/277-279; track diagram and signals Florence to Pee Dee, SC 4-11/140-142; Collier, NC tower 11-15/3244-345; Parkton tower & signals on main line 7-16/210-212 train plunges off open draw bridge at Buffalo Bluff, Fl 1-32/18; ATC approved 8-26/307-310; Signaling program 11-26/419-425; Signaling Jacksonville to Winter Park, Fl 4-31/111-114; Grade crossings at Wilson, NC 5-42/255-257, 265; Crossing gates at Tampa 2-42/88-91; Ordered to signal 2084 miles 3-45/175-178 & 5-45/320, 322; Richmond to Rocky Mount replaces semaphore signals 8-49/502-506; Train communication Rocky Mount, NC to Florence, SC & Wilmington, NC 11-49/729-732; CTC Sanford to Tampa 8-56/28-31; CTC Florence, SC to Pee Dee 6-52/390-394; Use of radio in a yard 7-52/476-479; CTC Fitzgerald to Manchester, Ok to replace manual block 12-52/848-853; Radio on trains Waycross to Birmingham and Atlanta 7-55/39-41;

Baltimore & Ohio: North Vernon, Ind. wreck 9-18/289-291; Color light signals 7-25/265-267; automatic-manual train stop Balt. to Wash. 10-26/395-400; Color position signals 3-27/87-89; Track and signaling plan of first electric interlocking in the world at East Norwood, Oh in 1889 11-27/418-423;

"Fair of the Iron Horse" B&O Centennial 11-27/418-427; Grafton to Parkersburg signals 9-29/323-326; CYC Wheeling to Gilkeson, Pa. 2-32/36-41, 46; CTC North Lima, Oh to Roachton 4-32/95-101; St. Johns River, Md. tower washed away in flood 5-36/251-253; "Abraham Lincoln" 1800 hp. diesel for "The Royal Blue" train 9-36/474; CTC Wheeling, WV to Gilkeson, Pa. pix 1-34/36; CTC Fairport, Oh to Maynard, 3-34/133-135;Cumminsville, Oh interlocking 8-34/393-394; Clifton Jct., State Island new interlocking 9-34/454-455; Arlington, State Island, spring switches 10-34/493-494; Ohio River flood at Cincinnati 2-37/82-87; Auto. block signals Parkersburg, WV to Midland City, Pa. 9-37/516-522; Remote control St. Johns WV to Orleans Pond 12-44/665-667; Columbus, Oh interlocking 12-45/826-833; Radio used at New Castle Jct, Pa. yards 2-46/123-127; Radio at Baltimore 3-46/209-211; Baltimore relay tower 5-50/292-295; Niles to Ravena Oh remote signal coverage with 112 trains daily by Pa., NYC & B&O; Schuylkill River bridge interlocking at Phila. 1-48/44-48; Cumberland Yd gets retarders 7-48/406-411; Rebuilds Willard yard 11-48/680-685; Ivorydale Jct. near Cincinnati 7-51/447-450; Eliminates need to stop trains of NKP and Pa. tracks 10-51/718-720; Radio Pittsburgh to Fairmont, WV 8-51/536-537; North Dayton interlocking 11-51/781-783; Consolidates 3 towers at Camden St. Sta, Baltimore 6-56/23-25, 56; New Pittsburg communication center 2-58/28-33; CTC Grafton to Parkersburg 1-52/35-38; Interlocking, etc at Lima, Oh 6-52/386-389; Dayton to Lima CTC train operation 8-54/34-37, 54; Connellsville yard changes 8-55/27-31; C.T.C. 151 miles, Phila. to Brunswick, Md 5-61/22-23;

Baltimore & Ohio Chicago Terminal: Gauntlett track over Grand Calumet River, Hammond 2-31/42-43; Auto. signaling at 4 jcts in Chicago Heights to eliminate coal theft 8-32/231-233, 246; Drawbridge interlocking at 16yj St & Polk St., Chicago 11-31/381-384; 14th St. interlocking 4-36/207-210; Barr Yd loud speakers 4-49/239-242;

Bangor & Aroostook: Train radio 7-53/492-494; Remove second track Northern Maine Jct to S. La Grange & installs CTC 10-57/29-31;

Belt Ry. of Chicago: Clearing Yd interlocking 8-15/235-236; Retarders for Clearing Yd 8-38/456-463, 469; Snow melting heaters for Clearing Yd switchers 1-39/33-35 & 2-39/95; 75th St. tower 12-41/662-668; Clearing Il new interlocking 3-57/19-21; Western Ave interlocking 12-58/13-19;

Bessemer & Lake Erie: Auto, flashers eliminate crossing watchmen 2-32/43-46; Gauntlet track at viaduct and signaling 3-37/141-144; Phone communication between engine and caboose 7-40/387-390; CTC 2-43/81-89, 96; Single tracks and installs CTC 1-57/15-19;

Bingham & Garfield RR: CTC 5-30/172-174;

Birmingham Terminal Co: All relay interlocking 12-43/652-658

Boston & Albany: Pittsfield, Mass. interlocking 6-17/171-173; Springfield Mass. new interlocking 11-28/399-403; CTC near Brookline Jct. & West Pittsfield 10-32/293-295;

Boston & Lowell: first interlocking plant in New England at Lowell in 1861 7-12/229-230;

Boston & Maine: Acetylene semaphore signals 8-12/265-267; Tower A at North Sta 3-14/68-69 & 4-14/109; East Somerville interlocking 6-20/239-242; Mechanicville retarders 3-28/85-89; Boston classification yards 7-28/255-265; Changes Boston interlocking 8-28/300-305; A.T.C. Fitchburg & Berkshire Div. 12-26/455-460; Side collision at Lowell 4-29/149; CTC at North Chelmsford to Ayer 7-29/248-251; Reverse signals Hoosac tunnel 10-29/375-384; CTC Wilmington to Winchester, Mass 2-31/44-50; Lynn track & interlocking 5-31/153-156; CTC Dover, NH to Rigby, Me. 11-31/371-380; Color light signal designations 7-35/365-368; Track at Boston 8-35/410-414; CTC at Waltham, Mass 9-35/477-481; 6 towers combined into 2 at Boston 11-35/582-586; Combine interlocking Salem and Beverly 12-35/631-634; CTC Dover to Portland 6-32/173-176, 179; North Sta. pix 6-32/adv. page 20-21; Consolidates North Sta. interlocking 8-32/235-242; CTC West Cambridge 7-33/179-182; Can discontinue ATC Cambridge to Deerfield 12-33/333-334, 335, 341; Flood damage 6-36/315-316; Grade crossing road barriers at Wayland, Mass. 1-37/25-29; ditto, at Newmarket, NH 3-38/152-154; Flood waters near Gardner and Greenfield, Mass 11-38/631; Replaces semaphores with color light signals Boston to Silver Lake, Mass. 7-42/415-419; CTC Greenfield to Deerfield Jct 4-44/211-212; New interlocking at Concord, NH 5-45/295-298, 312; New interlocking at Manchester 8-45/503-508; Hoosac tunnel interlocking 2-47/97-105; CTC Willow near Ayer 5-47/302-305; Radio at Mechanicville Yd 8-48/476-478; Consolidates CTC and remote control interlocking at Lowell 12-48/746-753; Replaces double track with single track and C.T.C. west of Johnsonville 12-50/798-799;CTC allows removing 2nd track Nashua to Concord 9-51/601-608; Salem new tower 5-52/322-324; Auto. block north of Springfield to Wells River 9-52/612-615; Removes one track by CTCing Burnt Mills to Rotterdam Jct 11-55/28-30; Hot box detectors 11-57/35-36; Relocates RR at Worcester, Mass. at Lincoln Square by a tunnel 7-58/21-23; Salem grade crossing elimination & tunnel 11-58/42-44; Single tracks N. Beverly to Newburyport and adds CTC 5-59/32-35; Autro, Car Identification tested 6-63/22-26;

Buffalo Rochester & Pittsburgh: Crane car 2-14/35; Ashford, NY interlocking 8-14/241-245; Stanley, Pa. sta. pix 4-21/162; Ashford, Pa. tower 1-27/2;

Canadian National (See also Canadian Northern): Color light signals Hamilton to Toronto 7-24/268-270; Brantford Jct, Ont. 12-24/463-465; Auto interlocking at St. Augustine, Que 8-25/293-295; Loco. #3198 2-8-2 pix 10-27/375; Bridgeport, Ont. to Black Rock NY Niagara River bridge and interlocking 10-27/368-371; Color light signals on trial Hamilton to Woodstock, Ont. 10-27/376-380; Coteau, Que Jct. interlocking 7-34/347-348; Automatics replace tower at Lachevrotiere, Que 9-36/475-478; Auto. interlocking at Coniston, Ont. of CPR crossing 1-37/34-36; St. Lambert, Que interlocking 7-43/355-363; CTC Montreal tunnel 1-44/28-36; CTC Catamount, NB to Windsor Jct near Halifax 9-44/483-494; CTC Ste Rosalie to West Quebec Jct 2-51/98-101; Consolidates communications at Toronto 10-56/26-29; Relocates Cornwall to Cardinal, Ont. because of seaway 12-57/32 - 34; 9 interlockings combined into one at Winnipeg 5-58/30-33; Haliton towers consolidated 9-58/19-25; Moncton Yd opened 12-60/19-21; Foleyet to Hornepayne, Ont CTC 4-53/249-255; Interlocking Mimurs Yd, Toronto both ends with one machine 5-53/329-332; CTC Port Arthur to Atikokan, Ont. 1-55/30-33; Montreal classification yard 10-61/7-22; CTC in Toronto area 2-70/18-21;

Canadian Northern: (See also Canadian National): St. James. Manitoba interlocking tower 11-15/341-342;

Canadian Pacific: Windsor St. Tower, Montreal 12-14/352-354; Use of electric train staff signaling in New Brunswick 1-15/11-14; Sault Ste. Marie bridge 9-16/264-265; Mile End, Que tower with periscope 10-17/288; Scenes in B.C. 6-20/246; Glen Yard, Montreal interlocking 2-24/59; Half interlocking at Cookshire, Que 3-24/112-113; CTC Brandon , Sask., to Whitewood, Man 10-27/372-374; Pass. train in Rockies with full length obs. car pix 10-27/371; Hamilton Jct. tower, Ont. 10-27/374-375; Montreal West sta. pix 10-27/374; Lennoxville, Que crossing of CNR by remote control 10-27/381-383; Business car "Mount Stephens" 10-27/385; Straightsville Jct. to Guelph Ont. signal 7-28/243-246; Connaught tunnel near Glacier, BC & signals 11-29/410-411; CTC Dunmore, Alberta to Medicene Hat 1-30/20-23; Signals Calgary to Vancouver 4-30/125-127; CTC at Trois Rivieres 11-30/389-391; Sault Ste. Marie bridge and interlocking 1-31/24-25; Cadorna, Que interlocking 7-31/237-241; Vancouver, BC tunnel & signaling 2-32/37-38; Replaces mechanical tower with CTC machine 12-35/623-625; Outrennt Yd at Montreal signaling 4-36/193-195; Komoka, Ont. crossing of CNR made auto. 6-34/295-296; Signals Montreal to Quebec 12-36/636-638; Cobourg, Ont. Jct. made remote 8-34/400-402; West Toronto signaling 12-37/687-689; Gauntlet track at Montreal 10-40/557-559; CTC Walkerville Jct to Windsor, Ont. 2-44/86-89; Block signals Chapleau & Schreiber, Ont. 7-44/366-372; Signaling in Ont. on 3 subdivisions 3-46/181-187; Block signals Burnis, Alb to Crows Nest 1-47/42-46; Installs block signals Calgary to Lake Louise 4-98/222-227; Winnipeg yard loudspeakers 12-49/810-811; Teletype Montreal to Windsor (Detroit) and to Wells River, Mass. 10-50/622-623; New yard Montreal 11-50/712-7129; Consolidates 2 interlockings at Whittier Jct and Borcran, Winnipeg 12-56/24-29; Calgary consolidates interlocking 11-58/21-24, 50; Auto block signals 1000 miles including 511 miles Cartier, Ont. to Port Arthur 11-53/811-817;

Carol Lake Ry: Automatic train operation 11-60/20-21;

Carolina Clinchfield & Ohio: See Clinchfield RR.

Central of Georgia RR: Macon classification yard and interlocking tower 12-15/379-381; 124 miles of signaling in Ga. 7-18/213-215; Signal installation on single track 5-25/190-191; Signal system Terra Cotta near Macon to Carman 7-27/248-253; Color light signals Sylaguaga, Ala to Trammal 9-27/339-340; Muscogee Jct remote control switches 3-38/155-157; Atlanta union sta. 2 new interlockings 7-40/380-386; Signaling lap sidings Macon to Atlanta 3-42/140-141; Signals and spring switches Columbus, Ga,. to Sterrett, Ala 6-46/397-403; Radio at Atlanta 7-50/428-429, 434; 27 years experience operating trains by signals 8-52/525-529;

Central RR of New Jersey: Track and interlocking at Allentown Terminal RR west of Allentown 9-11/344-345; Interlocking at Communipaw and Von Nostrand Place, Jersey City 10-11/369-372; Jersey City terminal and towers A, B, C 4-15/96-101; Philipsburg interlocking and track layout 5-22/184-189; ATC approved 5-26/197-201; CNJ-LV wreck at Bethlehem kills 8 report 1-27/26; Newark drawbridge & tower FH 5-27/168-174; ATC 2-29/44-48; Installs cab signals to Atlantic Highlands 5-30./166-171; Aerial photo of Jersey City yards 8-30/facing 275; Aerial photo of Newark bay bridge and Bayonne tracks 11-30/opposite 389; Allentown hump yard pix 12-32/opposite 353; Cab signals may replace ATC 6-33/177; White Haven tunnel and interlocking 7-33/195-196; Vandreuil Jct. 8-33/213-214; Battery operated switch at tunnel near White Haven 3-36/145; Elizabethport route interlocking machine (Later called an NX machine. This may have been the first installation of enter-exit control 3-39. It was slick. I saw it in use) 3-39/139-147; First electric semaphore block signals, 1893, 9-39/494, 496; Jersey City new interlocking south of Wilkes Barre 6-53/404-407; Allentown hump yard retarders 9-53/627-632; Retarders on Jersey City car dumper 10-57/34-35; CTC Raritan to North Branch 3-31/73-75;

Central Vermont: St. Albans interlocking 11-57/29-31;

Chattanooga Station Co: interlocking 11-49/733-736, 745;

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Grand Trunk Western:(See also Grand Trunk) Granger, Ind. to Battle Creek gets light signals 12-28/443-445; Lack of signals causes rear end collision 3-30/107 Signals Milwaukee Jct Detroit to Pontiac 11-32/333-334; Highway barriers crossing protection 9-34/490-492, 494; CTC replaces staff system 2-23/75-77, 91; Automatic crossing gates at Harvey, Ill extend across only one lane 8-36/421-423; Lansing tower 4-37/218-219; Chicago automatic interlocking 3-40/143-145; Interlocking at Oliver, Ind (South Bend) 9-46/603-605; CTC West Pontiac to Durant 1-53/44-47; Battle Creek track layout 8-49/493-496; Single track & CTC Durand to Port Huron 5-58/23-27;

Great Northern: Staff signals Leavenworth to Skykomish 12-11/444-446; Duluth terminal trestle & signaling 11-15/342-344; Central Ave. Jct. at Superior, Wis 12-16/368-370; Completes main line signaling 1-27/17-21;

Signaling and gauntlet track at State Line, Wis 5-23/211-213; Signals new line 7-24/278-279; Arlington Jct, SD auto. signaling 12-24/4754-477; ATC at Minot 1-25/6-11 & 2-25/56; Main line signaling 8-25/296-303; Petition on ATC rejected 11-25/436-439; Windmills for signal power 4-26/147-148; To carry cars over Cascades in winter 3-28/123; Replaces semaphores St. Paul to Minneapolis 8-28/296-297; Wayzata Jct, Mn made automatic 9-28/324-325; Update new Cascade tunnel signals 8-29/281-284; Signals St. Cloud to Moorhead Jct 11-29/417-420; Asks to remove ATC New Rockford to Walliston, ND (first request by a RR to discontinue its use.) 9-31/308; Allowed to discontinue ATC 2-32/42, 46 & 3-32/81; Auto. interlocking near Havre 4-32/103-106; Signaling at Lohman, Mont 12-32/383-365; Crossing of NP at Seattle 3-33/6; Spring switch at Wilmar, Mn 11-34/547-548; Kootnenai Falls, Mont end of double track 12-34/600-601; Auto. block signals St. Paul to Duluth 12-42/673-675; Coon Creek, Mn interlocking 6-43/308-314; Hibbing new interlocking 7-44/363-365, 394; Block signals St. Cloud to Lyndale Jct. 5-47/291-294; Fargo interlocking 8-52/530-535; Radio in ore fields to Allouez 10-53/710-713; Radio Minneapolis to Havre 10-54/21-25; Auto. block signals Breckenridge to Vane via Casselton Jct. 6-55/26-27; Radio on switchers 1-56/30-31; Consolidating western divisions 11-56/21 Minot new retarder yard 11-56/22-27; CTC Belano to Breckenridge, Mn 2-57/17-20; Bener Yd, Seattle 6-69/16-17;

Green Bay and Western: Use of radio for trains 10-51/721-723

Gulf Colorado & Santa Fe: Galveston Causeway interlocking 7-14/197-200; Handling switch engines on single track line without train orders North Fort Worth 4-25/157-159; Replaces 3 interlockings at Galveston Causeway 5-28/180-182;

Gulf Mobile & Ohio: CTC at Iselin frt. yd near Jackson, Tn 1-42/75-77; CTC Murphysboro, Il to North Cairo 6-48/348-352;

Hocking Valley: Cummings, Oh interlocking 12-29/437-440;

Houston Belt & Terminal: Replaces 5 towers with 2 at Houston 6-35/312-314; 3 interlockings cover all of Houston 3-52/186-190;

Illinois Central RR: (See also Yazoo & Mississippi Valley) Std. design of interlocking towers, large and small, 8-09/82-89; Auto. signals Chicago to Parkway, Il 8-13/259-264; Burnside, Ill interlocking 9-10/131-132; Aulon Jct Tn 5-15/129-134; Signaling Chicago - New Orleans line 6-17/179-183; Gibson City Il tower pix 4-21/160; Adds third track Monroe to Kankakee 3-23/102-108; Signal construction 5-23/214-215; Color light signals Paducah to Fulton & Jackson Tn 12-24/469-471; Reverse signals Otto to Gilman, Ill 4-25/139-141; Color light signals Carbondale Jct 3-26/99-100; East St. Louis hump yard retarders 3-26/108-112; Markham Yd, Chicago car retarders 4-26/137-141; ATC train stop 8-26/301-306; ATC approved 9-26/356-357; Signaling electrified zone 5-27/175-182; Spring switches at 3 tunnels in southern Ill. 3-29/184; Signals Rislor, Miss to Haleyville, Ala 6-40/213-214; CTC Otto, Il to Gilman 10-30/361-363; Randolph St. Chicago tower 1-32/8-12; Cedar Falls, Ia crossing of CRI&P 1-33/15-17; Roseland, Il. auto. crossing gates 12-33/331-333; Scotland, La. crossing of L.&A.RR 4-37/230-232; Asks to discontinue ATC Champaign to Branch Jct. 12-37/705; Auto. crossing gates 6-39/338-340; Chicago terminal and aerial photo of lake front yards 9-41/473-475; Approves 4th aspect, flashing yellow, red, yellow, flashing yellow, green 11-41/612-615; Signals Broadview, Il to Waterloo, Ia 7-42/357-360; Electric interlocking at 12th St. Chicago 12-43/661-664; Kankakee, Ill interlocking 2-46/109-113;v Train communication tested 11-45/766-770; Markham Yd. rebuilt 6-50.346-349, 362; Double track Otto Il to Gilman and using CTC 1-52/44-47; Memphis grade crossing protection 4-52/235-238; Auto block signal Edgewood, Il to Fulton, Ky 3-53/175-2178; Combines interlocking in New Orleans 9-54/46-47; CTC Oliver Skip, La. 7-61/21;

Illinois Terminal RR: New St. L. signaling 11-33/295-297;

Indiana Harbor Belt: Development of hump yard car retarders 7-25/271-275; Blue Island hard converted to hump 3-27/102-105; 55th St. tower 5-41/244-252; Crossing of the Lake Shore & Mich. Sou. (NYC) 5-10/442-443;

Indianapolis Union Ry: Replaces crossing gates with flashers 10-28/361-362; Union Sta. interlocking 8-31/265-268; Signaling 11-38/640-643;

International Great Northern: Signals Longview Jct Tx Palestine and 2 other lines 5-30/181-183;

Jacksonville Terminal Co (Fl): Union Sta. & track layout, signals 12-21/462-468; Radio telephone between locos and yard office 8-45/520; Use of radio 10-49/671-673;

Kansas City Southern: Signal crew 4 car camp train 9-19-302-304; Eliminates tower at Cedar Grove 12-41/656-661; Ordered to signal air line 1-43/31, 46; Radio telephone use 11-44/621-624; CTC D Quincy, La. to Beaumont, Tx 3-45/153-163; Block signals Gufton to McElbany, Mo 8-45/512-516; Block signals Kansas City to Oskaloosa, Mo 3-51/167-171; CTC Heavener, Ok to DeQueen Ark over Ouachita Mtn 2-55/29-32, 40;

Kansas City Terminal RR: Kansas City terminal tracks and interlocking 11-14/324-327;

Kentucky & Indiana Bridge & RR Co: 3 position upper quadrant signals first introduced in 1887, 8-09/77-80

Kentucky & Indiana Terminal RR: Uses loud speakers in yard 4-47/239-244; Louisville interlocking 12-49/793-797; Big interlocking plant 4-56/29-33;

Lake Shore & Michigan Central RR: Track crossing signaling and layout at Erie, Pa. with Phila. & Erie (Pa) RR, 5-10/442-43; Also interlocking with Indiana Harbor Belt RR and at Toledo crossing the Wabash. 5-10/442-443;

Lehigh & Hudson River: Signal system 10-14/293-298; Signaling the RR 2-14/58; Signal operations & maintenance 8-16/231-233; Franklin, NJ FJ tower destroyed 3-33/63-64; Radio on all trains 12-58/20-24;

Lehigh Valley: Rummerfield, Pa. wreck kills 6 employees 6-23/248; Rear of Black Diamond train along Susquehanna river pix 4-28/148; Musconetcong tunnel and tower 12-29/441-446; Signal changes 9-32/268-270; Telegraphy from a moving train history 9-34/456; Van Etten Jct. remote controlled 11-34/539-540, 559; Cab signals 9-35/469-471; Eliminates 3rd track P&L Jct. to Stafford, NY 12-39/653-655, 675; Bethlehem wreck kills 8 report 1-27/26; Niagara Jct. interlocking 3-47/180-184; New interlocking Tift Jct , Niagara Falls Jct. 2-49/95-97, 100;CNJ & LV new interlocking south Wilkes Barre 6-53/404-407; Remote control interlocking at State Line NY near Sayre eliminates tower 8-53/558-559; South Plainfield interlocking 10-54/18-19; Combines Coxton & Pittston mechanical towers 10-57/32-33; Treichler Sta. pix 4-58/38;

Ligonier Valley: Wilpen wreck kills 23 8-12/283;

Litchfield & Madison: signals near Glen Carbon, Il 7-37/395-396

Long Island: Jamaica signals 9-14/267-271; Opening electrified line pix 2-26/44; 3 year signal program 8-28/283-287; Valley Stream interlocking 3-34/128-129, 147-148; New track and signaling for N.Y. World's Fair 8-39/435-437, 452; Installs barrier crossing 8-36/417-420; Bay Shore grade crossings 9-43/481-484; Replaces Jamaica interlocking machine 11-43/602l; Microwave radio 10-48/618-621; Speed control 2-52/97-101;

Los Angeles & Salt Lake RR: signaling 12-17/367-369

Louisville & Nashville: Corbin, Ky to Lafollette, Tn 3-13/77-80; Signaling Louisville to Cincinnati 11-13/355-359; Memphis terminal interlocking 12-13/397-399; Signaling Cincinnati to Atlanta 3-16/88-90; Single track signaling Cincinnati to Etowah, Tn 1-17/19-21; Signaling at Lafollette, Tn. 4-17/108-110; Patio Jct, Winchester, Ky tower 2-20/59-63; Single track operation Henderson, Ky to F. S. Tower, Ind 5-20/208-210; Absolute permissive black signaling Cincinnati to LaGranger, Ky 9-20/356-359; Montgomery to Mobile signaled with semaphores (This is one of the last semaphore signal installations in the U.S.) 3-25/119-122; Louisville to Montfort, Tn signaling 1-26/24-26; Gauntlet track signaling at Cumberland River 3-29/99-101; Birmingham 13th St. crossing interlocking 9-31/309-311; Block signals Maumie, Ill to East St. L. 7-30/255-258; AX tower, Birmingham eliminated 4-36/196-199; Consolidates towers at Anqui, Tn near Nashville 7-36/353-355; Electrically lighted semaphores 10-36/519, 528; Electric lights replacing oil lamps on semaphores 4-39/227-228; Remolte control replaces West Point, Ky tower 9-40/553-556; Memphis Jct, Ky remote controlled 3-40/149-151, 166; Remote control interlocking at Knoxville, Tn 7-40/373-379, 386; Latonia, Ky interlocking 4-42/194-202, 211; CTC Brentwood, Tn to Nathens, Ala 8-42/420-429; Auto block Athens, Ala to Calera 9-42/531-537; CTC Irvine, Ky to Winchester, Ky 10-43/524-530; CTC Montgomery to Mobile 3-44/135-143; Winchester, Ky interlocking eliminates frts. stopping at C&O crossing 11-45/755-757; CTC Lebanon Jct. Ky to Sinks 8-46/521-527; CTC Louisville to Henderson 12-47/482-492; Replaces Henderson, Ky tower 3-49/165-168; Nashville union sta. tower 9-49/572-573, 604; CTC Ravenna, Ky to Blackey 3-50/163-169; CTC Henderson to Anqui, Tn 6-51/385-390; CTC Corbin, Ky to Etowah, Tn 2-56/21-25, 46-48; CTC and single tracks Corbin to Loyol 3-58/21-23; CTC Montgomery, Ala to Calera 3-53/179-183;
Miscellaneous: Pass. train goes thru open drawbridge at Hurricane, Ala 6-31/217; Retarders at De Coursey, Ky yard 1-41/74-80 ; Troop train derails at Highcliff, Tn killing 20 1944 0r 1945. See magazine's index; New Atlanta yard 12-57/23-25; Boyles, Ala hump yard 2-59/20-22; New Radnor yard at Nashville 12-54/38-46, 49; Operating private telephone system over entire RR 5-55/31-33; Telex communication for entire RR 11-55/34-37;

Louisville Henderson & St. Louis (See also L&N) : Semaphore signals Strawberry, Ky to Stephenson 2-29/41-43; Wreck near Sorpen, Ky report 7-29/265-266;

Maine Central: Auto. signaling 8-13/270-272; Signaling 7-33/185-188; Bath Kennebec River bridge signal 10-33/273-274; Single tracks Pittsfield to Hermon Pond and adds CTC 1-58/19-21; Teletype and radio communication 3-58/24-27; Head-on wreck at Eaton Rapids 9-45/605;

Mammoth Cave RR: Photo of train 11-09/204

Manufacturers Ry: St. Louis replaces crossing watchman with flashers 2-29/62-64;

Maryland & Pennsylvania: ATC tests stops and cab signals 6-14/175-178

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Midland Ry of Manitoba: signals 12-37/698-701

Minneapolis & St. Louis: 3 auto. interlocking at C&NW crossings in Iowa 11-30/397-400;

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Missouri Kansas Texas: signaling programs 3-22/93-95; Color signals Paola Ks to Oakwood 5-30/161-162; Highway protection at Clinton, Mo. 6-30/215-216; Booneville, Mo. Missouri River bridge interlocking 11-33/291-292, 294; Discontinue bonding rails 12-33/319-320; Remote control signals at four RR crossings in Ks, Mo, Tx, Okla 11-34/549-552; Adds floodlighting at Coffeyville, Ks. grade crossing 1-38/41-42; Signals Highland Park to Bethard (Dallas) 3-38/149-151; Denison, Tx track layout 12-38/694-695; Radio for yard switchers 5-48/288-290, 304; Block signaling Denison to Bethard near Dallas 5-49/306-309, 319; Complete block signaling Kansas City to Houston and San Antonio 5-54/43-45;

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Miscellaneous: Sulphur Springs, Mo wreck kills 37 9-22/340-341; Spring switches 212-27/469-470; Teletype 9-37/523-524; Drag detectors St. L. - K.C. 6-39/335-337; Flood detectors 3-40/163-164; Henlon collision in CTC territory at Perla, Ark. 5-42/263-264; 1540 miles of radio communication 2-51/102-104; Radio expedites trains 10-52/688-693; Dispatcher at Pueblo controls six wayside radio stations 11-55/31-33; Television use 5-58/38; North Little Rock classification yard 6-61/24-25;

Mobile & Gulf: Davis, Ill Jct & interlocking 12-15/370; Signals Ruslor, Miss. to Perry Tn 6-27/217-219;

Monongahela RR: Signals and track diagram 3-18/71-73;

Monongahela Connecting RR: 25th St. Yd control board 12-51/839-842;

Muskingum Electric RR: Auto. train control 7-69/22-23, 26 & 9-69/34-37;

Napierville Junction RR: Signaling 5-31/149-152

Nashville Chattanooga & St. Louis: Signals and track layout Cowan to Sherwood, Tn 6-11/234-235; Howell, Ga. power house destroyed by explosion 2-12/51-52; Aulon, Tn tower 5-15/129-134; Craven Yd tower Chattanooga, 8-15/231-234; Head on collision between Rockledge and Sherwood, Tn 2-16/47-49; Signal & track Rockledge to Sherwood, Tn 6-18/175-177; Head-on collision near Harding Tn kills 92 8-18/247;Chattanooga yard layout and electric switch lamps 4-24/161-162; light signals Atlanta to Chattanooga 212-25/453-457; Completes signaling Nashville to Atlanta 10-28/363-366; Combines towers 2 & 3 at Howells by a new tower 2-29/56-57; CTC Atlanta to Vartersville, Ga. 11-43/647-651; CTC 2 divisions Bruceton, Tn to Nashville 11-45/758-765; Chattanooga interlocking 4-47/223-227, 238; Cartersville, Ga. interlocking 5-47/283-285; CTC Chattanooga to Cartersville, 2-48/99-103; Nashville union sta. tower 9-49/572-573, 604; Interlocking at Howell, Atlanta 9-50/550-553; Replaces 1914 all electric interlocking at Memphis IC & L&N crossing 7-52/468-476; Results of CTC for entire RR 6-55/23-25, 70;

New Castle & Frenchtown: 1833 train schedule poster 5-26/192

New Orleans Public Belt RR: New Mississippi River bridge track layout and interlocking in the area 5-36/260-264 & 3-37/154-157;

New Orleans Union Station: New terminal 6-54/38-43 (Note: This was the last union passenger station to be constructed in the U.S.)

New York & Long Branch: South Amboy interlocking 8-42/473-478, 497

New York Central (See also Michigan Central, Grand Central Station, Cleveland Cincinnati, Chicago & St. Louis, Ulster & Delaware, Boston & Albany)

Interlocking: Block signal towers 58 and 58 1/2 on Hudson River Div. 1-11/11-12; North Tonawanda tower pix 3-12/112; Rome, NY interlocking 10-14/299-302; 71st St. Chicago jct. with NYC&SL 3-16/75-77;Utica interlocking 8-16/226-230; New Utica tower 3-17/79-84; East Rochester interlocking 12-19/418-425; Sued for collision with General Ry. signal on ATC 1-26/26-28; ATC in Michigan 5-26/177-180; Tower #47 6-27/207-211; Install CTC (first CTC) Toledo to Berwick, Oh 9-27/325-335; Color light interlocking replaces semaphore 12-27/451-457; New tower at Stanley 9-28/319-323; Tower #27 at Rochester pix 9-28/326; 16th St. tower 2-29/49-52; Buffalo sta. interlocking 5-29/168-172; Collinwood, Oh tower 3-30/93-94; South Bend new interlocking 7-30/243-247; San Pierre, Ind. crossing of Monon 8-30/290-291; Campbell, Ill signal 9-30/327-328; Operating results of CTC between Stanley, Oh & Berwich 2-31/52; Grand Central Sta. new signals and NK tower 5-31/164-167; Mott Haven interlocking 8-31/269-272; Arlington, Oh. automated crossing of A.C.& Y RR 3-32/71-74; Albany, NY interlocking 8-33/221-; Dwight, Il C.&A.RR crossing tower replaced 4-34/196-198; Signals and track layout at Cornwall, NY St. Lawrence River bridge 7-34/355-356; South Bend new interlocking 6-35/295-297; Signaling Manhattan to the Bronx 8-35/407-409; Syracuse interlocking 1-36/23-27; Rebuilds Croton, NY tower 8-36/414-416; Syracuse interlocking 11-36/578-585; Signals for higher speeds color light replaces semaphores 11-38/627-630; Modernizing signaling Batavia to Corfu, NY 5-43/247-255, 265; Sandusky draw bridge interlocking 2-46/132-135; Utica interlocking 1-44/38-42, 46; New signals replace semaphores 5-44/249-251; Mt. Vernon, NY new interlocking 12-44/675-678, 687; Depew interlocking 9-47/544-548; Crestwood, NY interlocking 1-49/48-50; Fostoria, Oh NX interlocking system 7-50/411-417; New central communication office at Toledo 4-51/245-249; CTC Mattoon top Pana, Il 40 trains on single track 5-51/318-321; Ft. Plain, NY new interlocking 8-51/519-524; Combines interlocking at Framingham 11-54/37-39; Reduces 4 tracks to 2 Buffalo to Cleveland 12-55/32-36; Lyons, NY new interlocking 7-53/473-478; Reduces 4 tracks to 2 Buffalo to Cleveland and puts in CTC 3-57/26-29; CTC Erie to Cleveland 7-64/16-18;

Accidents: S. Byron, NY wreck 2-19/56 & 3-19/97-98 & 5-19/164-167; Side collision at Erie ICC report 2-21/74-76; Wreck at Porter, Ind. on Mich. Cent. kills 37 3-21/88-90 & 4-21/132-135; 20th Century wreck at Forsyth, NY 1-24/4-6 & 2-24/55-58; Rear end collision of two all Pullman trains at Savannah, NY 11-24/428 & 12-24/462; Savannah NY rear end collision of 20th C. running in 8 sections 4-27/151; "Commodore Vanderbilt" rams "Mercury" report 10-38/573-574;

Miscellaneous: Baggage car #26 converted to portable power sta. for signals 9-12/288; Selkirk hump yard 3-25/90-94; "Wolverine" ready to leave Boston pix 9-26/345; Gibson, Ind. yard 1-28/1-4; Hump yard retarder at Selkirk 5-28/163-166; Ice storm in Ohio breaks 600 poles in 40 miles 5-28/169-170; 20th C. Ltd leaving Chicago pix 5-29/183; Toledo car dumper 1-30/24-25; Stanley, Oh. retarder yard 9-31/299-302; Camp cars from old pass. cars instead of box cars 12-36/650, 654; Girard, NY Jct. control board 11-37/627-631; Grade separations & interlocking at Herkimer, NY 9-43/467-471; 30 grade crossings in Mishawaka, Ind. manual operation eliminated 7-48/415-418 ; Communication office at Albany 2-53/109-113; Modernize car reporting system for entire RR (before computers) 9-56/22-25; Consolidates 7 Buffalo yards into one, Frontier Yd 4-57/62-68; New Elkhart classification yard replaces Niles 3-58/28-38; Hot box indicators notify dispatcher office 3-58/40-41; Young Yd at Elkhart retarders 1-59/23-29; Signaling & communication at East Buffalo Bison Yd 5-63/17-25;

New York Chicago & St. Louis: (See also Wheeling & Lake Erie RR) Signals in Indiana 6-14/186-187; ATC installed 5-26/181-185; Signals Conneaut to Arcadia, Oh 2-28/58-64; Perry, Oh. crossing of Fairport Painesville & Eastern RR 6-29/223-224; Signals Arcadia Oh to Edgerton, Ind 2-30/44-47; Leipsic, Oh crossing of DT&I RR 4-32/107-108; Interlocks 6 miles long at Gould, Oh. 10-33/267-270; CTC Buffalo to Arcadia, Oh 7-43/364-373; Tests very high frequency radio 2-47/108-115; Bellevue crossing of 4 RRs eliminates 80,000 train stops yearly 6-47/361-365; CTC on entire line 4-49/233-238; CTC on W&LE Div. Homestead (Toledo) to Brewster 12-50/777-783; Use of radio at Cleveland 9-50/546-549; Bellevue Yd operation 2-52/105-107; 2-52/105-107; Radio on line in Cuyahoga Valley 4-53/270-272; Radio control on entire main line 3-56/34-38;

New York New Haven & Hartford RR: Staff signal system Cromwell to Middletown, Ct. 9-09/118-119; Bridgeport wreck 8-11/312-314; Central Falls RY tower and jct. 2-16/60-61; Stamford interlocking 9-18/270-272; Concrete towers at New Rochelle, Bridgeport and Harrison Square 9-13/289-292; East Haven, Ct remote control switch 5-23/216-217; Rerailment at Readville, Mass 12-23/477-478; Signals Highbridge to Maybrook 6-25/233-234; Signals Derby Jct to Holmes, NY 3-28/94-95; New Haven hump yard signals 5-29/180; 7 car "Yankee Clipper" with #1384 pix 12-30/433; Readville wreck report 4-31/130; Wreck at New Haven of all parlor car train 12-31/419; New signals New Haven to South View 3-32/78-80; Consolidates towers at Readville 2-37/91-93; Bridgeport interlocking 2-39/89-90; 5 aspect signals on the RR 1-43/32-39; In-

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Approach control battery operated switch lamps 3-37/145-147; Converting oil switch lamps to electricity 12-28/445-446
Battery operated switch lamps 2-36/79-82
Track Circuits: History 4-58/36-37; pulse modulated control track circuits 1-69/15-20;

TRACK
Rail bonding recent developments 2-39/91-93
Discontinue bonding rails on MKT 12-33/319-320
Spring switches: Development of 3-27/97-101; use of 8-33/227
Electric switch heaters 9-38/514-515
Super rails of the future, need of (still applies 40 years later) 9-56/38

TRACK CARS
History and development of track motor cars 9-45/596-600
Track car safety and accidents of motor and hand cars 9-31/312-315;
Adams: One man track car 5-11/208'b
Buda motor cars 11-08/217; 7-09/67; model #19 3-12/114;
Concrete Form & Engine Co: 4 wheel track car 10-11/394;
Cushman Motor Works: (Lincoln, Neb) Track car 11-12/401-402;
Fairbanks Morse Co: gasoline model #2 track cars 11-09/220; Model #36 car 11-14/344-345;
Fairmont Gas & Ry Motor Car Co: 385# track car 5-22/212-213; Model #52 8-31/296; Model A3 6-31/228; Model #59 5-31/192; Model 9 insp. car weighing about 240 pounds 8-27/317;
Mudge & Co (Chicago) : Section cars 3-25/130; inspection car 6-27/240; track car 4-20/183;
Rockford Motor Co. track car 12-09/251;

YARDS
Note: Articles concerning a speific railroad yard are indexed only by the railroad.
Development of first hump yard car retarder (Indiana Harbor Belt RR in 1924) 7-25/271-275
European first use of car retarders (Germany in 1918) 12-25/466-469
Pneumatic retarders of Union Switch & Signal Co. 1-26/35-37;
Survey ofretarder installations 11-32/335-339
History of hump yards and automation and car retarders 4-58/34-36

ELECTRIC RAILWAY PERIODICALS

The illustrated articles were often very good, and there were many feature articles on companies. I indexed few news items, and I was not consistent. Additional financial and other information on the companies appears in Poors Manual of Railroads from the 1880s through 1910 and then in Moody's Manual of Utilities. Few public libraries have them and then only scattered years. Some university libraries have them.

Competing magazines each covered certain railways and did not cover others as if they had an agreement not to duplicate railway coverage.

Magazines were usually bound without the advertisements. However, advertisements occasionally include photos of cars that do not appear in articles. These pictures usually appeared in several issues, but I indexed only one.

INTERURBAN RAILWAY JOURNAL 1905 - 1906
ELECTRIC TRACTION WEEKLY 1906 - 1912
ELECTRIC TRACTION 1912 - 1932
ELECTRIC TRACTION AND BUS JOURNAL 1932 - 1935
MASS TRANSIT 1935 - 1959
MODERN PASSENGER TRANSPORTATION 1959 - 1960
METROPOLITAN TRANSPORTATION 1961 - 1965
METROPOLITAN 1965 - 1975
METRO 1975 - 1999

The first two volumes of this magazine are exceedingly scarce. The magazine gave lesser coverage than the *Electric Railway Journal.* It did a poor job of covering street railways in the South. During the 1930s there was little on street and interurbans, much less than the other journal. There was some duplication of the two magazines, but I believe many of the feature articles in *Electric Traction* were either not covered or were written much differently with different pictures in the *Journal*,

During the early teens each issue had a feature article on a different railway. In the late 1930s-early '40s the magazine ran a series of studies on about 25 U.S. and Canadian cities on their electric, trolley bus, and bus public transportation systems.

The magazine reported on trolley railfans in their June 1938 issue. Soon after, they began having a page each month devoted to activities of the *Electric Railroader's Association* and its spin-off, the *Chicago Electric Railroaders Association*. The monthly page covered railfan activities such as the last trips and general news, and gives an interesting insight into early electric railway interest.

During its numerous name changes it evolved into a local bus transit magazine. It switched to six times a year in the mid 1960s. By 1980 the little non bus material was much better covered in other magazines. I discontinued indexing in 1990 after having found nothing of merit since 1985.

The magazine began November 25, 1905 as a weekly with Vol. 1 covering six months. Vol. 2 covered the remainder of 1906. The title was changed to *Electric Traction Weekly* with the Nov. 29, 1906 issue. The volumes plus Vol. 6, 1910, and all later issues were at the New York Engineering Societies Library until transferred to the Linda Hall Library at Kansas City. Mr. Jerry Masters kindly indexed those that they held that I could not find at Chicago which were 1905, 1906, 1910, 1912. 1913, 1914, 1915. He indexed only the feature articles, but 1905-06 had few articles on specific companies. Not indexed were 1907, 08, and 09. Unfortunately they contain many interesting feature articles which cannot be included here. The articles 1910-1915 not indexed were probably mostly press releases which also probably appeared in *Street Railway Journal*, which I indexed.

I indexed month, day (if a weekly), year / page number(s).

ELECTRIC RAILWAYS, U.S. AND CANADA

Allegheny Valley St. Ry: New cars 3-30/131;

Alton Granite & St. Louis Ry: Fast train 8-22/659-662;

Arkansas Central Pr. Co (Little rock) Ry described 8-26/385-388;

Arkansas Valley RR: Newly acquired line to Winfield 1-23/7;

Atlanta MARTA: Voters approve bond issue 1-72/20-21; Progress 5-85/34, 38-41;

Atlanta St. Ry: New cars 1-24/29-30; Mass transportation 6-41/150-156;

Atlantic City & Shore Ry: Brill PCC cars 9-38/257-260, 267-268;

Auburn & Syracuse El. RR: 12-22/1042-1045;

Aurora Elgin & Chicago: Wheaton, Il sta. 9-24-10/1041-1043 & 11-12/1081-1082; New sta's & frt. service 2-11-11/150-152 Described 9-12/916-919; Newspaper handling 3-5-10/248-249; Chicago frt. traffic by all el. Rys 2-20/87-91; Loco. #2001 8-20/518;

Aurora Elgin & Fox River Ry: Turns loss into profit 5-27/241-242

Aurora Plainfield & Joliet Ry: Chicago frt. traffic by all el. Rys 2-20/87-91;

Baltimore Metro: (Mass Transportation Authority) Planned railroad track 5-66/16-18, 25-26; Metro system to open 5-83/22-24; Metro success 7-84/46-48, 52;

Baltimore Street Rys: Dump work car #6034 3-20/199;

Baltimore Tr. Co: PCC #7030 122-39/363; mass transportation study 6-39/149-154

Bamberger El. RR: Salt Lake City sta. 4-24/170-171; Car load frt. business and frt. trains 8-25/407-409; One man cars 7-27-/340; Car #301 modernized 1-34/15; Rebuilds cars 9-18/593-594; Lagoon Park 4-19/225-227; Car rebuilt #431 after fire 9-19/555-557; Frt. service 1-20/14-17; Excursion traffic 4-22/311-313;

Bangor Ry & El. Co.: Car #10 4-22/323-324;

Bay Area Rapid Transit BART: Diablo test track 5-65/16-17; Future 9-66/21-24, 31-33; Control room 1-71/25-26; Increases real estate values 3-71/17-19; Quiet ride 1-72/22-23; Building boom & 20 year project 7-73/13-14; Begins service 3-75/8-9'

Bay State St. Ry; Car #29 Frt. operations 5-17/329-332;

Bellingham & Skagit Ry: New 11-12/1078-1079; Track & wiring 12-12/1157-1158; Loco. #250 2-17-12/179;

Berkshire St. Ry: Car #27 5-16/375;

Biddeford & Saco St. Ry: Only trolley car for school children 2-29/67;

Billings (Mont) Tr. Co: Storage battery car 9-13/575l

Binghamton Ry: Car #502 4-17/268-270;

Birmingham El. Ry: Building off peak business & car #551 8-27/409; Advertising increases business 2-28/57-61; Rail grinder car #123 6-29/302-303;

Birmingham Ry, Lt & Pr Co: Described 2-14/65-70

Bleeker St. & Fulton Ferry RR: Discontinues last horse car line in New York City 8-17/537 no pix;

Bloomington & Normal Ry & Lt. Co: Car #70 12-16-11/1558-1559; Line car built from old 4 wheel car 7-20/497;

Boise & Interurban Ry: 3-25-11/328;

Boise Valley Ry: Car 5-13-11/541;

Boston & Northern St. RR: Reading car house 5-13-11/525-527;

Boston & Worcester St. Ry shop 5-16/372-373; Frt. operations 5-17/329-332;

Boston Elevated RR: Articulated car 11-12/1091-1093; Pass. cars on various lines 5-23/239-240; Forest Hills sta. 6-25/298 Snow plow car #5181 12-26/671-672; New high speed line to Milton 1-430/1-3; Lower fares & Kenmore sta. 12-30/611-613; Watertown term. & sta. 4-35/106-107; Dorchester & Ashmont Terminal 12-28/609-610; Rapid transit development in Boston 12-23/619-621; Cambridge subway 4-6-12/407-410 & 10-7-11/1197-1201 & work car #0552 4-13/239; Street car #5207 7-1-11/761-762; 5¢ street car fare & car #215 2-20/97;

Boston Subway: Boylston St. 2-15/71-74

Boston: (MBTA) Metropolitan Boston Transit Authority: Plans 7-66/14-18, 25; Rainbow colored lines 9-73/14-16; Rebuilds PCC cars 7-81/46-48; Rehabilitation 1-83/41-45
Bowling Green & Southern Tr. Co: Problem of one man car with baggage compartment 5-30/242-243.
Brandon (Manitoba) Municipal Ry: Car #6 6-13/368;
British Columbia Electric Ry: Slave Lake hydro plant and Ry. extension 1-23/14-15; Snow equipment 4-24/176-177; Six 2 car trains 3-25/138; Local frt. business 1-27/17-19; Locos 1-6-12/19-20; Vancouver Island extension, no pix 8-13/466-467; Loco. #973 8-13.482-483; article 3-14/147-152; Victoria Branch one man car & car #381 9-22/765;
Brooklyn & North River RR: operation over Manhattan bridge 8-14/461-463;
Brooklyn City RR: 1 & 2 man cars 7-23/339-340;
Brooklyn Manhattan Transit: Dispatcher office 6-29/285-286; New subway and elevated cars using PCC trucks 4-39/106; 5 car articulated train 12-33/386-387 & 5-34/144-145 & 7-34/207-208;
Brooklyn Rapid Transit: Remodels 170 cars 8-23/395-396; crane car 9-16-11/1061; Sand plant 1-17/17-18; Loco. #5000 12-22.1055-1056;
Buffalo & Lake Erie Tr. Co: Described 8-27-10/937-944 Remodels car #211 3-23/140-141; Car #50 8-25/395; Erie shop 3-17/157-161; Lackawanna car house 11-17/739-742; Car house 1-19/15-18;
Buffalo Light Rail Rapid Transit System opens NFTA - Niagara Frontier Transit Authority 3-85/54-58
Buffalo St. Rys: Mass transportation study 5-40/100-105
Butte El. Ry: Line and pass. cars 2-17/85-86;
Calgary: Light rail begins work 5-81/44-48;
Calgary St. Ry: Line car #47 10-17/677-681;
Capital Traction Co: Reroutes cars to reduce congestion 8-28/387-388; 2 car train and car #27? 3-25/141; Georgetown power house 4-30-12/459-466;
Capital Transit Co: Formed from Capital Traction & Wash. Ry & El. Co 6-34/176-178, 180; PCC cars 5-35/136-137 & 8-35/229-230; Results of the merger 9-35/278-282
Cedar Rapids & Iowa City Ry: Boiler room 2-25-11/203-207; remodeled cars 1-29/23-24; 6-23/283-284
Cedar Rapids & Marion City Ry: 6-23/280-281
Centerville Albia & Southern Ry: Described 5-19/290-293;
Central Ry (Syracuse, NY); Shops 5-21-10/551-557
Central California Tr Co: New Sacramento union sta. 11-26/597
Central Pennsylvania Tr. Co: Described 8-19-11/939-943;
Charles City Western Ry: Electrification 12-15/743-748;
Chattanooga Ry. & Lt. Co: Lookout Mtn. line 6-13/915-918; Work car #7 6-13/345;
Chattanooga Tr. Co: Signal Mtn. Ry: 4-20/242-245;
Chautauqua Tr. Co: Chautauqua, NY sta. 4-18/192-193;
Chicago Rwys: Shops 7-9-10/755-759 Tunnel under Chicago River 11-26-10/1131-1134; Kedzie Ave. car house 2-4-11/119-122; History 9-12/898-901; car 1-13/7-8; shops 1-13/15-17; New cars 1-14/17-21; #620 5-13-11/531-536; LaSalle St. tunnel under Chicago River 4-15-11/405-408; Car house at Clark St. 4-8-11/383-386; Instruction car 12-16-11/1547-1552; Car #1506 10-7-11/1201-1206; Temporary pontoon bridge over N. Branch Chicago River 9-16-11/1057-1060; Car storage yard 6-13/324-325; Rebuilding old car 4527, new car#1441 6-13/329-330; 200 new cars 8-13/453-455;
Chicago & Illinois Valley RR: Steel ties 2-29/81-82; 3 mile frt. belt line at Ottumwa, Ill 12-30/637-639;
Chicago & Interurban Tr. Co. Line car 12-24/596;
Chicago & Joliet El. Ry: Described 9-12/909-912 Car 245 9-26/485-487; Car with automotive trucks (first ever) 5-27/249-250; Aluminum body and automotive drive trucks 9-27/455-457; Chicago frt. traffic by all el. Rys 2-20/87-91; Park operation 4-21/241-242;
Chicago & Milwaukee El. RR: Described 9-12/907-909; Car #150 1-16/99 pix;
Chicago & Milwaukee North Shore: RR 15 new merchandise dispatch cars 6-22/505;
Chicago & Southern Ry: Car 4-2-10/378;
Chicago & West Towns Ry: Bus competition 7-23/379-381;
Chicago Aurora & DeKalb Ry: Chicago frt. traffic by all el. Rys 2-20/87-91;
Chicago Aurora & Elgin Ry: Acquired by Samuel Insull 3-26/124; Reorganization 12-22/1031-1036;
Chicago City Ry: History 9-12/895-897; Car #5902 4-14/218-221;
Chicago Elevated Ry: History 9-12/901-904; Fireproof laws 1-14/25-26; Northwest line. El. car #4067 8-14/472-475;
Chicago Lake Shore & South Bend RR: Described 9-12/914-916; Advertising 12-3-10/1464-1465; Gasoline emergency line Ry 8-13/455-456; Signaling 9-13/516-518; Frt. service & el. loco #505 11-16/866-867; Frt. service 6-18/317-321; 8 car regular trains & up to 20 on specials 12-20/947-948; Sand Dunes service 4-21/243-244; Operations 6-22/489-493;
Chicago New York Electric Air Line Ry: 9-15-06'171-172
Chicago North Shore & Milwaukee RR: Snow plow 1-23/29; Obs. car "Eastern Ltd." 7-23/338; Weed killer train 8-23/420-421; Kenosha station L/O 10-23/547; Frt. business developed 2-25/55-56; New Howard St. Evanston to Niles Center Line 5-25/255-257; Lower fare on Waukegan & North Chicago line and 7-25/339-341; 36 miles double track thru Skokie Valley being constructed, Niles Center to Evanston 11-25/582-586; Refrigerator service car #241 4-26/186-187; Opens Skokie route & cuts Chicago to Milwaukee time 6-26/297; Piggy back ,merchandise despatch truck trailers 11-26/596; Trolley battery loco. 6-27/317; Car #359 3-28/136; Car improvements 8-28/397-398; 5 car train with car #159 5-29/221; Blackhill "silent" cars 12-30/617-631; Moving truck trailers on flat cars 2-31/69-70; Hauling loaded trucks rather than just trailers on flats 4-32/148; Parlor buffet meal service 5-32/210; Electroliner 2-41/45-50; Chicago frt. traffic by all el. Rys 2-20/87-91; Dining car #406 4-17/272-275; Navy recruiting train 6-17/403; Track & bridge improvements 7-18/415; Frt. business with farmers 11-19/743-746; Express package car #211 4-20/262; Operations 9-20/633-637; Milwaukee terminal 11-20/869-870; Safety, street crossings, etc 7-21/459-461;
Chicago Ottawa & Peoria Ry: Standards 1-15/21-25; Chicago frt. traffic by all el. Rys 2-20/87-91; Ottawa shop 8-19-11/944-946; state park service 4-21/237-239; Joliet extension 12-30-11/1609-1614;v
Chicago Rapid Transit: Advertising 6-24/266; Hospital car #2756 3-30/121-125; New Merchandise Mart elev. sta. & elimination of Kinzie St. sta 12-30/630; First subway 6-42/146-155; Subway plans 11-4-11/1386-1389;
Chicago South Shore & Northern Indiana Ry: El. loco. #1000 3-23/138; Car barn destroyed by fire 3-23/139-140; White st. car for advertising 1-25/22; Adv. for pass. business 6-25/277-280; Improved cars 4-27/199; 7-1-11/735-738; Car 5-17/337-338; Car #802 advertises Liberty Bonds 11-18/727-728 ; South Bend express business 12-18/779-782
Chicago South Shore & South Bend RR: Holiday crowd handling 3-23/110-111; 12-25/633-636; Power changed from 6600 AC to 1500 DC & new cars 8-26/392-393; Rebuilds old cars 1-27/25-26; Interurban cars and connecting buses Chicago to Detroit 8-27/445; Frt. service 12-28/621; Advertises speed 2-30/60-61; Michigan Ave. car shop 3-31/109-112; Hammond sta. 1-37/14; Lengthen car #15 11-42/340;
Chicago South Side Elevated Ry new arch roof car 2-18-11/183-184;
Chicago Surface Lines: Articulated car 8-25/415-416; New cars for 2 car trains 4-24/171-172; Pneumatic sand car #R 202 4-24/187; New car #5220? 1-25/32; New car #3208 3-25/113; Office paperwork procedures 7-25/344-346; Meter test car #01 11-25/577-581; "Chicago Car" 1-3 car trains 9-26/456-458; Snow plow F30 2-27/79-80; Car #3341 7-30/381; PCC cars 11-33/360-361 & 3-34/71-73 & 6-34/171-173 & public reaction 11-36/351-354; New line on Ashland Ave. bridge 8-36/228-230; Progress 3-38/70-76; 9th Ave yard 8-38/233-234; 600 new PCC #1062 12-46/533-534, 542; Chicago Municipal Pier opened for frt and excursion boats served by trolley line entire length 6-16/443; Car #1392 & open car #1030 pix 1-16/101; Cook County car #1 for mental patients 6-18/334-336; Track across lake at Hegewisch 9-18/557-559; Car #6153 11-19/766-767 ; Trailer car #8000 11-20/865-868; On Municipal Pier 7-21/445-448; Replacing tracks at busiest intersection, Halsted St-Mil Ave & Grand Ave 11-21/828-832; Line car #3092 1-22/35-37;
Chicago Transit Authority (CTA): Skokie Swift success 1-65/30-31; Rapid transit in median strip 5-67/18-20, 25; Budd cars built in 1977 5-82/49; Jefferson Park rail-bus interchange 11-69/30-32;
Chicago Tunnel Co: 5-23/216-219
Cincinnati & Lake Erie Ry: Flat car for truck trailers 2-31/75-76; Car #121 9-31/429;
Cincinnati Georgetown & Portsmouth Ry: Car #503 11-23/579-582;
Cincinnati Hamilton & Dayton Ry: Rehabilitation 7-27/344-346; Proposes acquisition Ind. Col. & Eastern & Lima El. 1-29/22; Car #107 2-30/85-86;
Cincinnati Laurenceburg & Aurora RR: Lt. wt. car #916 11-18/715-719;
Cincinnati Tr. Co: Car #1826 4-9-10/393-397; Car house 8-13/441-442;
Cincinnati Newport & Covington Tr. Co: Dixie Terminal 1-23/8-9;
Cincinnati St. Ry: Ballot voting by pass. on car stops 8-26/389; Rebuilding track with steel ties, concrete base and brick surface 4-27/201-202; Uses old cable car on special wheels for flood 5-27/246; Incline Ry 8-27/448; Express service on local car lines 6-30/289-293; Opens Fernbank Extension 2-31/57-59; Car #1857 converted to one man operation 6-31/272-273;
Cincinnati Tr. Co: 2 car train w.#2460 2-24/72-74;
Cleveland Rys: New construction 6-18-10/669-670; Car lighting 3-13/155-159; 1000 car series 11-13/692-694; Superior Ave. sta. 8-15/429-432; New Harvard Ave. shops 10-15/636-643; Storage yard 2-23/85-86; Shaker Hts branch 1-24/1-4; 16 new trailers 5-24/230; Aluminum car 12-26/676; 2$ fare 9-30/469-470; Pass. prefer modern st. cars 30 to 1 over buses 12-38/377; Mass. transit study 5-39/123-131; Modernizes 100 cars 9-39/279-280; Car #920 3-26-10/337-342; all steel car 4-22-11, 437-439; Mail car #0205 10-21-11/1329-1330; Track construction 9-13/545-546; Office bldg & shops, etc. 3-14/131-135;
Cleveland & Erie Tr. Co: Substation 9-13/543-544;
Cleveland Light Rail: Planed airport line 3-66/25; Extension completed 9-68/20-24; Airport rail line 7-69/32-33;

Cleveland Southwestern & Columbus Ry: semi parlor car 2-26-10/232-233; Car #144 3-9-12/279-280; Funeral car "Dolores" 3-18-11/291-292; Shops and cars 8-17/525-527;
Cleveland Southwestern Ry & Lt Co: increase pass. business 3-27/111-113; Establishes first joint rail and air service Cleveland to Detroit thru rates-ticketing 6-28/285-286;
Clinton Davenport & Muscatin Ry: 6-23/281-282l; Acquires C.R.I.&P.RR Blue Grass branch, Davenport to Stockton & car #501 8-25/411; Frt. & pass. business 2-20/91-94;
Columbus: 7-42/172-179
Columbus Delaware & Marion Interurban El. Ry: Speed increased to eliminate bus competition 2-25/63-65;: Service & parlor car #500 12-28/607-608;
Columbus Georgetown & Portsmouth RR: New facilities at Cinc. 2-25/65-66;
Columbus Ry Pr. & Lt. Co: Rebuilt convertible car 8-16/586-587; Power sta. 2-18/67-74;
Community Tr. Co (Toledo): Car #856? 12-28/613-614; Improves Peter Witt cars 8-30/425-426;
Coral Gables Municipal St. Ry: Described & car #4 7-28/341;
Dallas Ry Co: Birney car #617 12-20/976; New Dalles terminal 9-22/743-745;
Dallas Ry & Term. Co : Car #135 5-26/249; Sells stock to employees 2-27/59-60; Viaduct over Trinity River 5-31/217-218; Car #711 converted to one man 5-32/201-202; Mass transit study 5-42/120-128;
Dallas St. Ry: Interurban terminal 9-16/657-771?;
Dartmouth & Westport St. Ry: Frt. business 11-12-10/1359-1362; 5-17/329-332;
Davenport & Muscatine River Ry: New 29 mile line 8-12/805-809;
Dayton & Troy Ry: Frt. service 2-23/57-60
Dayton & Western (Ry) Tr. Co: Frt. service developed 2-23/57-60; Changes overhead wire to catenary 2-28/83-84; Rehabilitation 8-31'380; Rebuilt high speed car 3-22/216-217;
Dayton Covington & Piqua Tr. Co: Overlook Park 4-20/238-239;
Dayton Lima & Toledo Ry: Car #57 5-30/242;
Decatur Ry & Lt: Decatur car barn 5-20/332-334;
Delaware River Bridge (Phila) Electrification 3-35/83-84;
Denver Tramways: Traffic study 8-15/433-441; Reduces rail lines 3-30/115-117; Cherrelyn horse car line 3-24/139; Mass transit study 4-42/96-100; Office bldg 4-15-11/409-412; Concrete making train 2-18/88-90;
Denver Regional Transportation District: Light rail 10-73/23-28;
Des Moines City RR : 1 man cars 9-30/473-474; Car #300 with treadle exit 9-25/489; Power & track improvements 1-6-12/1-8; Car #342 2-17/96; Weed burner 12-22/1066;
Detroit: 3 mile loop people mover 7-82/50-51;
Detroit, Dept. of Rys: Express service 1-28/17-18; Car #401 10-34/333; Traction car history parade 1-31/20-21; Plans high speed test 3-26/122-123; high speed Ry in middle of divided highway proposed 3-25/123-124;
Detroit Municipal Ry: Car shop 12-21/893-897;
Detroit United Ry: New shop 6-14/345-350; Described 8-18-06/123-124 Package frt. service inaugurated 11-23/583-585; Car #7546 7-24/295-296; Parlor car service to Flint with cars "Oakland", "Genesse" & "Muskegon" 7-24/301-302; Askwood Sta./for bus and st. cars 4-25/195-196; Private car "Yolanda" 6-10-11/647-648; Car #839 4-29-11/463-465; Office bldg 3-25-11/325-328; Paint shop 4-13/213-219; Loco. #1981 9-14/547-549; Std. metal shelter flag sta. 4-16/316; Concrete mixing train 9-16/667-670; River Rouge car house & office bldg 2-17/88-89; Ferndal Branch extension 9-18/556-559; Car bldg program 11-19/767-770; Shop built trailer 2-20/108-112; High speed interurban cars #7530 12-20/952-954; El. loco 5-22/418-419;
Dubuque El. Co: 4 wheel open cars 5-25/253; Car #290? & conversion to buses 2-33/55; Old car #41 & open cars 8-21/529;
Duluth St. Ry: Profits and car #301 3-26/111-112;
East Michigan Ry: Line car #7763 11-29/596; Frt & express business 12-29/644-646;
East Saint Louis & Suburban Ry: Alton, Il. power sta. 2-15/97-100; Car #5 1-23/26; Sprinkler car 3-2-12/261; St. Louis trolley striker 7-14/405-407;
Eastern Massachusetts St. Ry: Converts to buses 3-39/81-84;
Eastern Pennsylvania Ry: Pottsville to St. Clair extension 11-16/853-854;
Eastern Texas El. Co: White cars at Beaumont 8-24/356; Cars 3-27/136; Acquires Port Arthur Tr. Co 7-28/330-331;
Eastern Wisconsin El. Co: New cars 9-23/472;
Eau Claire: (Wis) Horse car #9 7-24/314;
Eckington & Soldiers Home Ry (DC) Double deck trailers #13 & motor car #5 9-47/414;
El Paso El. Co: Cooking school street car to popularize electric cooking 12-30/633;
Electric Railway Express Co: Service development, car #201 (Tx) 6-23/271-274;
Electric Short Line Ry Co: gasoline car pix #300 3-16/257;
Elgin & Belvidere El. Ry: Chicago frt. traffic by all el. Rys 2-20/87-91;
Empire United Rys: Parlor observation car "Syracuse" with roller bearings 5-16/377-378; ; Withdraws Rochester to Syracuse parlor car 5-17/332;
Evanston St. Ry (Il) Described 6-19/354-359;
Evansville Ry: Sta. 3-12-10/285;
Evansville Suburban & Newburg Ry: Advertising 5-24/225;
Evanstville & Ohio Valley Ry: 7-25/352; Fairmont & Clarksburg Tr. Co: 2 car trains & car #210 11-5-10/1352;
Fonda Johnstown & Gloversville RR: Gas rail car #201 9-24/406;
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MASS TRANSIT 1974 - 1999

This bi-monthly magazine was created because *Metropolitan* wasn't covering all forms of rapid transit uniformly, it specializing in local buses. It covers subways, buses, light rail and suburban services operated by government bodies, world wide. I have indexed this by city or state rather than by name of the government body running the operation. I only indexed illustrated articles.

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Boston: South Station center 5-97/48-54;
Buffalo: Light rail progress 6-81/16-17, 40, 42; 6-88/9-13;
Calgary: Light rail plans 4-78/10-13-, 31;
California: (See also San Francisco): Cal Trains future says should not be highways 5-77/28-30;
Chicago: Chicago Transit Authority: Lake-Ryan train crashes to street 6-77/12-16; 20" snow ties up service 4-79/34-37; Loop operation 1-80/30-34; CTA & Geo. Krambles 10-80/56-57, 72; Rail operation 10-81\28-31; Skokie Swift & cars 10-81/66-68, 106; Reconstructing Green Line Elevated and Kedzie Sta. 7-96/83-90; :
METRA (and pre Metra): A quick review of the 8 suburban RRs 12-75/17; Disaster that interrupted service and how handled 4-78/14-19, 36;
Cleveland: Regional Transit Authority: Shaker Hts., to keep PCC cars 6-75/12, 19; 25th Ave sta. rebuilt 11-93/36, 40;
Connecticut: Dept. of Trans. Upgrades 6 railroad stations, Westport and New Haven described 7-99/60-63;
Dallas: Dallas Area Rapid Transit (DART) prospects 2-84/14-16, 64, 70; DART success 3-98/10;
Denver: Denver Regional Transportation District (RTD): 5-95/55, 58, 59;
Edmonton: Lt. rail plans 4-78/10-13, 31;
Florida: Proposed high speed rail system (killed by air line lobbying) 7-96.32-43; Maglev proposed for Florida 1-94/26;
Honolulu: Light rail system proposed (killed by voters) 7-78/16-17, 77;
Jacksonville: rail travel 6-89/39;
Los Angeles: Wilshire subway progress 3-79/12-15; Pacific Electric tunnel 4-82/14-16, 42; Rapid transit line 11-83/22-24, 37; History of present mess in public transportation 9-85/59, 62; Long Branch light rail progress using S.P. frt. line & subway not to be done 1-86/14-22, 69;
Memphis: Street cars reappear 11-98/20, 22-24;
Miami: Light rail go ahead 5-78/12-15; Metro Dade County repairs after hurricane 1-93/20-23;
Montreal: Metro 6-84/28-29, 543, 45-46;
New Jersey: PATCO service to Lindenwald 1-81/56-58; see PATH;
New Jersey Transit: new Hamilton park & ride sta. between Princeton and Trenton 7-93/46-47; High level platforms for disabled & proposed stations 11-94/24-25, 84; Getting its trains to run on time 10-80/20-21, 24; Hudson-Bergen Lt. Rail project Bayonne to Hoboken to open 2000 9-98/10-22; North Jersey Coast Line Matawan to Long Branch electrification construction 10-85/10-12;
New Orleans: Street cars 7-78/12-15; St. Charles St. car line 11-98/18-20;
New York Metropolitan Transit Authority: (MTA) Takes over Conrail New York City suburban lines 1-83/50-53; See also Long Island RR: Problems & derailments 11-83/30-34;
New York City Transit Authority: Line extensions 10-74/20-22; R-46 subway cars 12-75/6-9, 26, 10, 20; Subway history 7-76/10-15, 56, 58; Anecdotes of its operation and preservation of 10 car, 1920 train 6-79/54-55; 75th anniversary of subway 9-79/8-34, 44-48; Mess created by preserving the 5¢ fare for too many years for political purposes 7-81/12-13, 26; Graffiti covered cars 3-91/43-47;
Philadelphia: see also Southeastern Pa. Trans. Auth.. (SEPTA); Frankfort Elevated reconstruction progress 5-95/60-63; cFrankford Elevated rejuvenation 12-85/10-11, 58; Reconstructs former Pa. and Rdg suburban lines 3-93/14, 16, 18;
Pittsburgh: Incline planes at Duquesne and Monongahela 11-60/32-33; street cars to go underground 4-82/26; Light rail 6-88/6-8; Light rail & bus system 1-99/10-18;
Port Authority Trans Hudson (PATH): Map used for advertising 3-90/10, 13; Ridership doubles in 30 years & modernization 11-92/42-43;
Portland (Ore): Light rail to Bamfield gets go ahead 11-81/38-39, 42, 44; Tri-Met light rail 4-84/14-16;
Sacramento: Light rail 9-87/13-14; 6-88/15-16; 5-96/52-55;
Saint Louis: Light rail for future 9-88/68-69; progress 9-93/32-38; Metrolink Lt. Rail design 3-94/40-44; Metro Link opened 7-95,24-28;
Salt Lake City: Light rail plans 1-98/10-15;
San Diego: Tijuana trolley 6-80/14-16;
San Francisco area: Bay Area Rapid Transit (BART): Debugging its engineering 11-75/22-24; Train fire in tunnel 7-79/12-15, 53; Waiting for a big earthquake 8-80/72-74 (When it occurred it did not effect the tunnel) 8-80/72-74; After 10 years better but not best 6-82/14-15, 27-29, 32, 34; Earthquake protection 6-83/20; Daly City extension 9-87/15-16, 28; Earthquake tunnel design 9-94/40; Growth 5-95/47-50; Colma station 5-86/47, 49-51;
Cable cars: 6-81/14-15, 72
Municipal Ry (Muni Metro) New trolley 9-76/27-28, 32; 6-80//32-33, 54-55; Uses PCC cars 3-97/58;
San Jose: Bringing back trolleys 9-84/154-157; Lt. Rail Santa Clara County 9-87/14-15;
Southeastern Pa. Trans. Auth.. (SEPTA): 1.7 mile tunnel connecting Reading Terminal. to Conrail 4-79/6-11, 32; Getting older but not better 10-80/14-17, 50, 58, 70, 74; Trolleys 6-81/12-13. 27; Airport line proposed in 1968 but not yet built 11-80/16-19; Employee strike 8-81/12-14, 41-42; Subway modernization 1-77/12-15; Takes over Conrail lines around Philadelphia 1-83/50-53; Study of worsening state indicates $150M savings 3-98/21-27;
Toronto: Subway 4-76/6-9, 28 ; success 11-80/6-11, 24, 50; GO Transit 4-76/8-9, 24 9-88/14-18;
Vancouver, B.C.: Light rail system 11-98/8-14;
Washington, DC: Metro plans 3-75/10-16, 36, 27, 35; Metro opens 5-76/16-17; Article in Forbes Mag. 12-3-79 says Metro is biggest waste of money ever done 5-80/43, 49 & 9-80/42; Metro accident kills three 3-82/3-82/38-39 & 6-82/25; Metro experience 9-84/12-15, 118; 7-87/6-19, 24, 26, 61; Police security 7-95/56-58;

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Amtrack: San Diego success 11-79/18-26; Profitable "Pennsylvanian" has been slowed a half hour and may become unprofitable 5-95/69 (replaced by a very unreliable Chicago-Phila. mail train in 1998.); N.Y. - Boston high speed trains 9-95/18-24; Pictures of 12 states served by Amtrak 11-96/72; Stamford rail yard overhaul 1-97/58-61; Penn Sta. improvements 7-93/24-25, 28-29 & 11-94/52, 54;
Chicago & North Western RR:vCommuter club car & food/drink service. Lines make money 12-75/16, 18;
Chicago Rock Island & Pacific RR: Suburban service decline 11-78/16-18;
Chicago South Shore & South Bend RR: End of line? 9-76/38-39; Success 2-83/36-38, 46, 48;
Erie Lackawanna RR: The moving museum of old cars 9-81/50-53;
Illinois Central Gulf: Big decrease in riders 3-78/40-43, 48;
Long Island RR: Gas turbine electric train test 9-76/24, 42; On time performance only 83% & to be late must be 6 or more minutes 3-79/40-42; Safety improvement 9-87/111, 118, 123; Penn Sta. improvements 7-93/24-25, 28-29 & 11-94/52, 54;
Southern Pacific: Los Angeles Union Sta. to be restored 11-80/20-22, 45; San Jose commuter line 10-75/9, 39;

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China: Shanghai new subway 3-97/34-37;
Czech Republic: trail system 3-97/38-42;
France: 80 year old Paris subway 4-61/6-9; Metro boom 9-78/6-9; Metro 1898-1990s 3-94/20-22; Eurotunnel 7-95/30-35; High speed channel tunnel line 9-98/63, 65-70; Rail commuting in Britain, France, Germany 6-80/20-24, 27-30, 36;
Germany: Wuppertal mono rail modernization 11-75/31-33; Night sleeper trains revived 11-95/44, 46; 20 mile Mag-Lev near Breman 9-96/58-61; Rail commuting in Britain, France, Germany 6-80/20-24, 27-30, 36;
Great Britain: Rail buses and finance 9-81/16-20, 24; Only Lt. Rail operation at Newcastle on Tyne 6-82/6-11, 20; Eurotunnel 7-95/30-34 & 9-96/63, 65-70; Rail commuting in Britain, France, Germany 6-80/20-24, 27-30, 36;
Hong Kong: Mass transit rail 1-89/22-26;
Italy: Urban transportation 10-88/8-13
Japan: High speed rail 11-77/6-13, 24; Transit 2-82/6-15, 18, 44, 46, 56, 76; Shinkansen improved 2-83/8-13, 324; subway - pack 'em in 2-83/14-15; Rail transit innovation 3-97/22-32;
Mexico: Light rail developments 6-89/16-22;
Russia: Moscow subway history and future 5-94/22-26;

MISCELLANEOUS:

Cars: PCC cars still good idea 6-75/13-15. 29; Morrison Knudson Co, car mfger at Boise & Hornell, NY 9-91/26-30; Budd Co. SPV car to replace RDC 3-78/23, 50;
Crime: Crime on subways in the U.S. by city 3-78/12-19;
Maglev: Proposed for Florida 1-94/26; German 20 mile line near Breman 9-96/58-61; Concept 11-95/24-25, 28, 30;
People mover: 7-77/52-58;
Subways of the world 55 countries, 116 cities individually described 10-83/16-33, 44-51, 55-57, 62-63, 66-68, 71-74; 11-91/6-36; This appeared annually, usually late in the year, but I show only the two years
Urban Mass Transportation Agency of U.s. Govt. after 10 years 9-78/10-16;

STREET RAILWAY GAZETTE 1886-1895
ELECTRIC RAILWAY GAZETTE 1895-1896

This was a weekly journal which did not have as much material as was in other traction magazines. It covered the New York City area of N. J., N. Y., L. I., and Connecticut particularly well. It wasn't until 1893 that it began to have articles on specific companies and photos of equipment. Therefore the years not indexed probably had little worthy of indexing. It was renamed Electric Railway Gazette beginning with Vol. 13, July 1895. Not indexed1886-1891, 1896

ELECTRIC RAILWAYS

Atlantic Ave. RR (Brooklyn) car #4 1-20-94/34; RPO Mail Car #101 8-4-94/44;
Baltimore Tr. Co: Pikesville road line extensive tests of equipment 8-31-95/131-136 & 9-7-95/156-159 & 9-14-95/176-180 & 9-28-95/221-224 & 10-5-95/233-236;
Beaver Valley Tr. Co (Pa) Time card 1-6-94/2
Boston Subway Ry: Park St. terminal to be constructed 3-23-95/117; 12-7-95/411-412
Boynton Bicycle El. Ry (East Patchogue L.I.: Described 8-25-94/75-76
Braintree & Weymouth Motor Ry: Use of telephone 12-28-95/470
Broadway Cable Ry Power house 4-8-93/71; Described 12-23-93/484-485; Car #246 5-91/xix adv. page
Brooklyn City Ry: Open car #1009 6-3-93/158; Ridgewood power sta. 11-24-94/213-214
Brooklyn Heights Ry: 12-21-95/453-454;
Brooklyn St. Ry: Strike, violence & troops 1-26/95/35-37 & 32-2-95/43 & 2-9-95/53, 57-59 & 2-16-95/63. 69-70;
California St. Cable Ry (San Franc.) 7-8-93/206-207;
Capital Ry (Frankfort Ky) 6-9-94/263, 264
Cass Avenue & Fair Ground Ry (St. Louis) 12-30-93/499-500;
Charlotte El. Ry (Rochester, NY) snow plow 4-1-93/59;
Chicago & North Shore Ry: 9-2-93/289-290;
Chicago & Saint Louis El. RR: Projected 11-28-92/ix; Construction views 3-4-93/xi; 4-1-93/60;
Chicago & South Side Rapid Transit: Bridge over I.C. RR at 63rd St to fair grounds 5-20-93/135 & 4-1-93/55;
Chicago City Ry: signal tower 4-22-93/95;
Chicago Elevated Ry Loop line 2-20-93/101; 12-15-94/245. (Note - There was much on Chicago terminals and turmoil in 1895 which I did not index.)
Cincinnati Newport & Covington Ry: Power plant 6-16-94/275-276;
Citizens St. Ry (Indianapolis) Car #523 & 320? 1-20-94/28;
Cleveland City Cable Ry: Power house pix 3-5-92/iv;
Cleveland El. Ry: Central viaduct bridge disaster kills 17 11-23-95/382-383, 387 & 11-30-95/402
Consolidated Tr. Co (NJ): Car #1 6-16-94/278 ; Franchise revoked 10-10-94/193; Car #334 4-27-95/167; Car #601 10-5-95/243; Shops 11-30-95/395-396; Newark power sta. 12-21-95/443-444; Freight car service 2-23-95/75; Crescent City RR: Electrification of steam dummy line 6-30-94/297
Denver Tramway Co: 7-1-93/199-200;
Detroit & Mount Clemons El. Ry: 5-4-95/182-184
Detroit St. Ry: Car #209 1-9-93/23;
Dubuque Lt. & Tr. Co: Snow sweeper & plow 3-17-94/121-122;
Eckington & Soldiers Home RR (DC) Car #7 and Wheless traction system 12-1-94/225-226
Electric Express & Transportation Co (NY) Elevated mono rail proposed for express and mail 11-23-95/390-391
Electric Ry Co (Allentown, Pa) Power plant 3-30-95/125-126
Electric Tr. Co (Philadelphia) 6-15-95/275-277 & 6-22-95/291-293
Elwood El. St. Ry: Power house explosion 12-30-93/495;
Erie (Pa) St. Ry: Electrification 10-28-93/393-394
Fort Wayne El. Co: Bankruptcy 6-9-94/262;
Fremont St. Ry (Oh) Car #1 6-30-94/301;
Hartford St. Ry: Car #131 6-23-94/287
Hestonville Mantua & Fairmont Pass. Ry: Arch St. line opened 12-8-94/232; 6-1-95-243-245 & 6-8-95/259-261;
Intramural Ry (Chicago Worlds Fair) 2-20-93/99; 8 car el. train 9-2-93/299 pix; 9-30-93/329 pix; Signal system 12-9-93/461;
Jersey City Hoboken & Rutherford Ry: (See also New Jersey El. Ry) 1-12-95/15-16
Johnstown St. Ry (Pa): Welding car #1 7-22-93/226;
Kings Queens & Suffolk County Ry: Organized to build a Boynton bicycle Ry system 11-23-95/389;
Lake Roland Elevated Ry (Baltimore) 8-31-95/131-136 & 9-7-95/156-159 & 9-14-95/176-180 & 9-28-95/ 221-224 & 10-5-95/233-236
Lake Street Elevated RR (Chicago) Acquired by Chas. Yerkes 7-7-94/1 & 7-14-94/12; Receivership 4-20-095/154
Little Rock St. Ry: Power sta 10-10-92/2-9;
Long Island Bicycle RR: Described 8-25-94/75-76
Long Island Tr. Co Bankrupt 3-23-95/115-116
Los Angeles Cable Ry: 2-6-93/57, 60;
Manhattan Ry: 9th Ave., elevated line at 89th St. 7-7-94/3
Market St. Cable Ry: Combination car 7-15-93/217;
McKeesport & Wilmerding Ry: Express car 7-21-94/26
Metropolitan Ry (DC) Conduit system 11-2-95/327-328; storage battery system 11-23-95/379-381
Metropolitan Tr. Co (N.Y.) : History 6-13-92/7-8; Lenox Ave track and conduit construction 12-1-94/223; Lenox Ave. conduit ry 4-13-95/144-147; Lexington Ave. power house 5-11-95/199; Lenox Ave conduit Ry and car #500 6-29-95/317-319
Metropolitan West Side Elevated Ry (Chicago) Opening of first electrically operated elevated Ry 4-27-95/163-166; Trains 6-1-95/254-255
Middletown St. Ry (Ct) Trolley in flood 10-18-95/305
Milwaukee St. Ry: Double deck car #251 10-28-93/396-397; Receivership 6--8-95/267 & 6-15-95/278
Montreal St. Ry: 9-14-95/165-168;
Mount Royal Incline Ry (Montreal): 9-21-95/185-187;
Nantasket Beach RR: 7-6-95/8-9, 10-12;
Nassau El. Ry (NY): Welding train 7-21-94/23; Power house 2-9-95/55; Power house 3-2-95/85; Franchise void 5-1-95/203-204; 5-18-95/214; Franchise law suit 8-3-95/70, 75; 8-24-95/115-117;
New Jersey El. Ry: (see also Jersey City, Hoboken & Rutherford El. RR): 7-20-95/35-37 & 7-27-95/51-53 & 8-3-95/67-69;
New Orleans City & Lake RR: Electrifying & use of dummies. 6-30-94/287
New York & Brooklyn Bridge: Terminal station 5-18-95/211-214
New York & Philadelphia Traction Co: formed 4-20-95/159
New York City: Broadway St Ry & Third Ave Ry at Post Office square cable rys 2-16-95/65;
Norristown Pass. Ry: Car house 2-17-94/75
North Hudson County Ry: Hillside loops 3-24-94/136 & 4-28-94/191; 5-4--95/179-182; Weehauken & Fort Lee El. Ry 8-10-95/83-85
Oakland San Leandro & Hayward 9-12-92/242-244;
Ohio: proposed interurban Ry network 5-20-93/137;
Ottawa El. St. Rys: 9-14-95/168-171;
Peoples St. Ry (Chicago) Hyde Park pix 5-91/xvii;
Peoples Tr. Co (Phila) Car #18 6-29-95/317;
Philadelphia St. Ry: Consolidation 8-3-95/76;
Philadelphia Tr. Co: Test car and other work cars 11-10-94/193; 7th & 9th St. cable lines converted to electricity 5-4-95/185; Dauphin St. power house 6-29-95/307-308; Power plant 7-6-95/1-2 & 7-13-95/17-18
Plainfield St. Ry (NJ) Power plant 12-8-94/233
Poughkeepsie & Wappinger Falls: Car house 11-3-94/181-182;
Rochester Ry: Street scene pix 4-8-93/69;
San Francisco & San Mateo Ry: 9-12-92/242-244;
Saratoga Springs (NY): Double deck car 1-23-93/xiii;
Schenley Park & Highlands Ry (Pittsburgh): 5-25-95/227-229
Sea Shore El. Ry (NJ) 12-14-95/427-428;
South Orange & Maplewood Ry: 10-5-95/229-230;
Staten Island El. Ry: 10-26-95/311-312;
Steinway Ry (Hell Gate, L.I.) Power plant 12-29-94/263-264;
Suburban Tr. Co (Orange, NJ) & its Eagle Rock line 5-11-95/195-197;
Third Ave. Ry (NY): Cable house 12-19-983/459; conduit line 10-26/95/309-310;
Toronto St. Ry: Power house 10-12-95/257-258;
Trenton Pass. Ry: Car house roof collapse 11-17-94/203;
Union Ry Co: (Providence, RI) Power plant 5-19-94/227
Union Tr. Co (Phila.) Formed 9-28-95/220; Strike ended 12-28/95/460-461 & 12-21-95/451;
Washington Alexandria & Mount Vernon Ry: 2-13-93/81-82;
West Chester St. Ry: Car #2 5-91/xvii;
West Chicago St. RR: Instituting cable mail car 2-9-95/54;
West End Pass. St. Ry (Pittsburgh) 1-16-93/31-32;
West End St. Ry (Boston) Snow plow and snow 12-23-93/483-484; Parlor car for parties #924 10-13-94/147-148; Mail service 5-11-95/198; Annual report 11-30/95/401, 402;
West Shore Ry (New Haven) : 8-17-95/99-100
West Side St. Ry (KS?): Power sta. 3-11-93/15;
Westminster & Vancouver Tramway Co: Car #11 12-23-93/xi;
Windsor Sandwich & Walkerville Ry: Car #1 12-23-93/xi;

STEAM RAILROADS

Baltimore & Ohio RR: Proposed el. locos 2-20-93/401; Electric loco. 1-5-95/7-8
Baltimore Belt Line (B&ORR) El. locos 7-13-95/26-30
Grand Trunk Ry: St. Clair tunnel 3-17-94/126
Pennsylvania RR: Electrifying Burlington, NJ branch 4-6-95/135

FOREIGN
Australia: Tasmania, Hobart El. Ry & double deck cars 1-19-95/25
France: Heilmann steam electric loco. in use 8-25-94/73 & 9-1-94/85; ; Heilmann loco 8-3-95/69;
Germany: Barmen El. Rack Ry at Glessbach 5-26-94/239-240;
Great Britain: Isle of Man: Douglas & Laxey El. Tramway 9-8-94/93-94; 8-3-95/73; Snaefell Mtn. Ry, Isle of Man 9-28-95/209-211;
Monaco: Monte Carlo rack ry 4-14-94/167;
Switzerland: Monte Salvatoe el. cable ry 3-9-95/95; Mont Salene rack Ry, Geneva 4-21-94/179-180 & 5-5-94/203

CAR COMPONENTS
Batteries: Gould storage battery car interior view 12-9-93/462;
Fenders: Fender lawsuit in Pittsburgh 7-20-95/42, 44-45 & 7-27-95/59; Apex fender 1-19-95/29; A truck fender 5-11-95/206 & 6-15-95/286-287; Edwards fender 8-3-95/79; Lord fender 5-4-95/191; Modemann fender 10-13-94/144-145; Providence fender 12-21-95\/455; James A. Trimble fender 11-17-94/202;
Snow plow: Ruggles Co rotary 4-1-93/59;
Welding car: Johnson Co. 5-13-93/128;

CAR BUILDERS
Baldwin: Steam motors advertised each month, 5-91/xix;
Brill Car Wks 11-25-93/434-436;
Convertible Car Mfg. Co (Chicago) 5-26-94/241;
Duplex Car Co: Steel car mfer: 3-31-94/149
General Electric Co: Pass. loco for st. rys 4-22-93/96; El. loco. for steam RRs 7-15-93/217-218; 40 ton electric loco. 9-8-94/99
Hardie compressed air motor car #100 3-23-95/115
C.W.Hunt Co (N.Y.) builder of narrow gauge equipment for manufacturing plants 7-13-95/31-32
J. W. Fowler Car Co (Elizabethport, NJ) 1-20-94/33-34;
J. M. Jones Sons (Troy, NY) st. cars 8-19-93/265;
Johnson Co: electric welding car 5-13-93/128;
McGuire Mfg. Co: Plows and sweepers 8-4-94/45;
Porter dummy st. ry motors advertised each issue in 1891, 5-91/xix;
Railway Ammonia Motor Co: Car 4-1-93/59;
Robinson El. Truck & Supply Co: Snow plow 8-18-94/67
Ruggles Rotary snow plow 4-1-93/59;
Taunton Loco. Mfg. Co: Rounds el. snow plow 11-18-93/423-424;

MONO-RAILS
Beecher monorail system at Waterport, NY 1-19-95/27
Electric Express and Trans. Co (NY) elevated monorail for express and mail 11-23-95/390-391;
Kimg Queens & Suffolk Ry Co: Organized to use Boynton system 11-23-95/389
Long Island Bicycle RR incorporated to use Boynton Bicycle Ry system 8-25-94/75-76
Pruyn Elevated Ry Monorail 12-19-92/489-491;

MISCELLANEOUS
Locomotive, electric development of Edison, Daft, Hall (Boston, 1850) 9-23-93/315-317;
Biography: Leo Daft 7-20-95/41; John Stephenson: St. car bldr obit 8-5-93/244; Charles J. Van De Poele: Obit 3-26-92/2;
Short El. Ry. Co St. Ry builder of equipment) (Cleveland) 10-24-92/361-367;
Disasters: Cleveland viaduct wreck kills 17 11-23/95/382-383, 387 & 11-30-95/402;
Johnson-Lundell electric ry system 5-12-94/217
R. Dunsmuir & Sons coal handling electric tramway and loco at San Francisco 5-25-95/239;
Trolley mail service: 5-18-95/215; Street Ry mail service protest 7-13-95/20. (Note: Several articles indexed to the name of the trolley company appeared in 1895.)
Mine rys: First (?) Rock Springs, Wyo for coal mine 4-29-93/110;

STREET RAILWAY JOURNAL 1884-1908
ELECTRIC RAILWAY JOURNAL 1908-1931
TRANSIT JOURNAL 1932-1942

This weekly trade journal included feature articles on street and interurban railways, current news items on individual companies, management people, and the industry in general. With few exceptions only illustrated articles or articles of one page and longer have been indexed. All these articles were well illustrated and often included drawings of structures and cars. Articles of several pages with no indication of contents are usually interesting descriptions of the company. (While the traction magazines did this on hundreds of electric railways, the steam magazines unfortunately rarely did it for steam railroads.)

The magazine initially was monthly with one volume per year. With the rapid construction of interurban railways from 1900 to 1905 the magazine went to weekly in 1903 and doubled its pages in five years. There were many news items on leases, bankruptcies, name changes, extensions, and improvements which I did not index. Anyone doing a history of a street or interurban railway should check these items. I indexed few foreign articles and these were the more comprehensive articles. There is an index in each volume, and as a weekly. it ran two volumes per year with cumulative numbering of the pages. The years for each volume are:

1884-1901 Vol. 1 - 18
1902-1926 Vol. 19&20 - 67&68

The magazine became a monthly in April 1929. and discontinued publication December 1942. The issues carried many old pictures. What became of them is unknown.

The indexing gives month-year/page or, when a weekly, month-day-year/page. The question mark following car number is because I did not have a magnifying glass and so had to guess at the number. Also some listings are not in chronological order.

STREET AND INTERURBAN RAILWAYS

Akron Bedford & Cleveland El. Ry: Description w/car #30. 2-96/85-89; Telephone dispatching 7-97/405-406; switching loco 9-97/540; Snow problems & cars 3-22-02/354 car #22 1-28-05/174; Humboldt St. viaduct accident 5-27-05/943; car #30 10-13-06/591 plate 36; 11-2-09/plates XLVI & XLVII & XLVIII & pages 575-578;
Akron St. RR: Car #2 5-89/121
Alabama Pr. Co: Builds new car 9-4-36/403; El. loco. #101 5-5-28/734
Alameda Oakland & Piedmont Ry: 7-93./461;
Albany Ry (NY): Power sta. 6-90/273-278; Horse cars & el. cars 2-92/63, 64; 7-93/467-468; car barn 3-94/151-153; Car #588 9-30-16/589
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Cleveland City Cable Ry: Power sta. 6-91/277-281; Power house 9-91/466-467; 10-92 souvenir issue/27-30;
Cleveland City Ry: Repair shop 8-95/511; Car #322 10-96/610; Car #331 12-99/895; Car #412 10-99/745; Car fairs 9-10-04/366-359;
Cleveland El. Ry.: Power sta & shops with car #320 or 390 4-99/199-205; Car #652 10-99/745; Car #390 8-93/520; Cars 8-29-03/350-351; Summer-winter car #415, 409, 84 11-19-04/910-912; City touring car #401 12-10-04/1046; Repair shop 8-95/509-522l Car #662 1-97/56; Waiting rooms 8-4-06/177; traction fight 8-4-06/208-209 & 9-8-06/373; Employees club room 3-3-00/239; Car #799 2-2-01/196-198; New car barn & power plant 6-1-01/655-659; St. sweeper #6 7-20-01/79; Car #3012 1-3-03/47; Operation & w.#544 10-14-05/730-733; Funeral car 8-25-06/299-300; Car barn sprinkler test 6-3-05/975-977; Car #503 7-1-05/25, 26; Car barn 3-30-07/535-539; U. S. Mail car #6204? 4-11-08/619;
Cleveland Elyria El. Ry: 2-96/88-89;
Cleveland Elyria & Western Ry #85 6-7-02/744;
Cleveland Interurban Ry: Shaker Heights line of former Cleveland and Youngstown Ry 8-35/244-246
Cleveland Painesville & Ashtabula Ry: Described 7-16-04/90-97; 10-13-06/plate #32. Electric Package Agency 10-1-10/496-497
Cleveland Painesville & Eastern RR: Willoughby bridge 10-1-10/517; Described 11-5-10/946-948; Power sta. 7-19-13/94-98;
Cleveland Rapid Transit:: Report 7-12-19/71-74; Plans 4-24-28/854-856;
Cleveland Southwestern & Columbus Ry: Electric Package Agency 10-1-10/496-497 ; Sta. & residence 10-8-10/593; Car #144 12-14-12/1204-1205; Loading milk at Grafton, Oh 10-4-13/602; Frt. business 7-14-17/54-56; 12-1-23/930; Shop and line car 5-2-08/724-726;
Cleveland St. Ry: New company, V.32 1908/346, 400, 433-436, 471-476, 506-508, 547-548,
Clinton Davenport & Muscatine Ry; Car #20 8-25-23/287-288; Frt. business 11-26-27/973;
Clinton St. Ry; Reconstruction 8-4-06/178-183;
Coeur d'Alene & Spokane: Cars #3 & 52 2-6-04/223-224; 2-11-05/263-266; Car #9 & trailer 6-3-05/996-997;
Colfax El. Ry (Denver): 3-93/149-150;
Collins Park & Belt RR (Atlanta) 3-94/187-189;
Collinsville Caseyville & East St. Louis Ry: Car #2 7-6-01/47;
Colonial City El. (Tr.) Ry (Kingston, NY) Car #11 9-95/604; 12-99/861-864;
Colorado Springs & Interurban Ry: operations 6-6-25/885-888; 10-2-09/514-516 + plate pages;
Colorado Springs & Suburban Ry: Cars #45 & 57 7-6-01/46; Convertible car #60? 12-7-01/847;
Columbia RR (DC) 12-94/759-761; Cable line with car #26 completed 4-95/247-249;
Columbia & Donegal (Pa): 4-94/223-224;
Columbus Ry (Oh): Operation 9-1-00/789-796; Car #394 1-17-03/127;
Columbus & Cincinnati Traction Co: Car #67 9-23-05/457;
Columbus & Lake Michigan Ry: New bridge, V.32 1908/746-747
Columbus & Zanesville Pr & Ry Co: Formed from 2 bankrupt Rys 2-3-23/222;
Columbus Central (Oh) Ry: Powerhouse 2-95/105-106; 3-95/172-175;
Columbus Buckeye Lake & Newark Ry: Described 8-1-03/146-156; track scene picture 10-13-06/plate #27; power sta. 10-13-06/plate 43;
Columbus Delaware & Marion Ry: Car #40 10-4-02/549; 3-21-03/436-441; baggage car #30 5-2-03/675; 10-13-06/592-596 & plate 32, 33; car plans 10-13-06/634 & Marion sta. plate 35 & car #? plate 38 & 41; power sta. 10-13-06/ plate 44 & portable substation plate 47 & line car plate 49; Columbia sta. 10-8-10/598; ; Foreclosed 6-23-17/1161;
Columbus Grove City & Southwestern Ry: Car #72 9-7-01/300;
Columbus Hocking Valley & Toledo RR: 11-95/703;
Columbus Interurban Terminal Co: Frt. sta. 3-3-28/363;
Columbus London & Springfield Ry: Car #50 10-4-02/544; 5-15-03/728-732; 5-23-03/758-764; Track scenes 19-13-06/plate 27, 29, 31, 33;
Columbus Magnetic Spring & Northern Ry (Oh) Life and death of 12-27-19/1036-1038;
Columbus New Albany & Johnstown Ry (Oh): Car 10-13-06/plate 37
Columbus Newark & Zanesville El. Ry: Described w.car #65 4-15-05/694-700; 10-13-06/592-596 & plate 33 & car #67 plate 37 & parlor car #? plate 41; power sta 10-13-06/plate 44 & 45; car barn 10-13-06/plate 49; 3-6-26/396-398;
Columbus Ry. & Lt. Co:(Oh) 1-27-06/160; 10-13-06/592-596; Car #466 4-2-10/202 adv. page; Ohio flood damage 4-5-13/624-639; Strike 8-27-10/326-329 & 9-3-10/352; Strike history 3-18-11/461-462; Double decker car #1000 3-14-14/582-584; Crane car #056 11-6-15/956-957; Hydro electric e plant 3-2-18/407-411; Shop 5-18-18/972-974; Car #701 4-34/124; Repair shop 7-9-04/60-63;
Columbus Ry Gas & El Co (S.C.) Shuts down 3-18-22/483-486; Car #3 9-28-18/560;
Columbus Ry Pr & Lt Co: Car #704 4-3-26/619;
Commonwealth Ave., St. Ry (Boston) Car #6 9-98/561;
Concord & Manchester: br of Boston & Maine RR 12-6-02/921-927;
Concord El Ry (NH) Problems 12-4-26/1009-1011;
Concord Maynard & Hudson St.Ry: parlor car "Concord" 9-13-02/352-353;
Conestoga Tr. Co. (Lancaster Pa) Car #55? 12-2-05/1001-1002; Car #32 & 130 4-6-07/609;
Coney Island & Brooklyn RR: Car 203, 205 6-90/278-279; 5-92/274-275; Car house fire 1-23-04/147; Coal car 4-21-06/639; Parlor car 8-98/457-458; ash car #14 4-21-06/639; Improvements 8-14-09/248-256; ; Strike 11-18-11/1057-1059; Coney Island term. 5-11-12/790-792; 12-11-09/1176-1177;
Conneaut & Erie Interurban Ry: Described 2-6-04/192-200;
Connecticut Co: Car 9-30-16/570 & Car #1770 9-30-16/614; Waterbury Extension 7-31-09/170-172; Bridgeport shop 7-22-11/146-152; 2-3-12/192-195; Tower car #80, wrecker #4, supply car #1 4-6-12/538-539; New Haven car house 7-13-12/48-53; Hartford center city track L/O 10-19-12/874-881; Derby car house 2-22-13/320-324; Improvements 8-16-13/251, 252-260;

Construction & crane car #025 8-30-13/328-335; Bridges 10-4-13/638-640; Loco. #029 11-22-13/1109; Dump car #1076 1-24-14/197-198; Hartford pass. shelter at City Hall 5-2-14/966; Line cars #021 & 0306 3-18-16/534; Car #1787 5-6-16/856-857; Splices two single truck cars together 11-18-16/1069; Express service 11-3-17/802-806; Waterbury lodging house 10-5-18/615-616; Financial troubles 2-1-19/237-239; Safety cars 2-15-19/316-319; Zone fares 11-8-19/852-857; Line cars 3-320-20/591-595; Advertising on cars for merchandise express service 6-19-20/1265; Bridgeport trolleys resume after city council outlaws jitneys 9-11-20/520; Rebuilds open cars to closed #1425 & #1409; 09-18-20/545-548; Open car converted to snow sweeper 3-12-21/495-497; Remodels 43 single truck cars for one man operation 5-21-21/956-957; Washington bridge over Hoosatonic river 4-8-22/587-591; Car #3000 9-29-23/487; Waterbury shop and yard 3-12-29/446-448; History 12-17-27/1117-1119; Yale football games and open cars (last in the U.S.) 10-37/458-459

Connecticut Ry & Ltg Co (Waterbury) Strike 2-14-03/267-268;

Consolidated Ry (New Haven, Ct) Grand Ave. power sta. 3-3-06/338-342;

Consolidated Co (Cambridge, Oh) Car #7 11-21-03/923;

Consolidated Pr & Lt (Huntington, WV: cars 8--4-23/179-180;

Consolidated Piedmont Cable Co (Oakland, Cal) 7-93/457-458;

Consolidated Tr. Co of Pittsburgh: Shops 3-99/127-140, 164; Electrical feathers 8-99/503-506;

Consolidated Tr. Co. of N.J.: Newark power sta. 1-95/41-44; Parlor car "Julia" 3-95/195; Repair shop 1-96/14-17; Described 8-96/453-466; tandem brakes on cars 107 & 601 8-95/511;

Coronado Beach RR (Cal) : Car #42 12-94/799;

Corpus Cristi St. Ry (Tx) 9-22-17/497-499;

Crescent Beach El. Ry (Mass.) 12-88/320;

Crescent City Ry (New Or.) Car #509-94/544 & 10-96/612;

Cripple Creek District Ry: Interurban RR in Colo. 11-98/701-704;

Cumberland & Westernport Ry (Md) Car #40 8-22-14/359;

Cumberland County Pr. & Lt. Co Frt business - cars #500, 514 , stas, service 3-11-16/486-490;

Cumberland Tr. Co (NJ)At Bridgton new methods, car #2 1-23-26/144-146

Dallas & Oak Cliff RR (Tex): 6-94/375;

Dallas Consolidated Tr. Co: 6-94/373-374;

Dallas Rapid Transit: El. car #6 & steam dummy 0-4-4 6-90/280-281; 6-94/374-375;

Dallas St. Ry: 7 track interurban terminal 9-23-16/524-527; Improvements 5-1-26/750-752; "Jim Crow" rear exit cars 2-7-25/227; 6-27-25/1009-1014; New car #734 1-22-27/189;

Dallas Ry & Terminal Co: Car #721 4-30-27/777-779;

Dallas Terrel Interurban Ry: 12-1-23/930;

Dartmouth & Westport St. Ry (Ma) Car #2 & 5 9-94/584-585; New cars 5-5-00/481-482; Express sta. 5-8-09/879-880;

Dayton - interurban Ry center 4-7-00/325-xxx; new cars 2-23-24/308;

Dayton & Muncie Tr. Co: 12-2-05/978-985; 10-13-06/plate 28; power plant 10-13-06/plate 43, 44, & 45; portable substation 10-13-06/plate 47;

Dayton & Northern Tr: 9-6-02/319-328;

Dayton & Soldiers Home Ry (Oh) Car #40 1-94/15;

Dayton & Troy El. Ry power house 2-28-03/3209-324; Lima Ltd. car #150 2-4-05/200, 204; Operations 3-10-06/386-391; 10-13-06/plate 28; Operation 3-10-06/386-391; frt. terminal 10-13-06/plate 35; Ltd. car 10-13-06/plate 40; car colors 10-13-06/628; Frt. service 10-8-10/604, 606; Train operation 9-10-10/397; Car #300 & parlor car & business car "Muriel" 6-8-12/983-984; Frt. train with baggage car #125 2-23-24/296;

Dayton & Western Ry: 3-98/123-124; "Interstate Ltd." 2-4-05/201-202; Development 10-28-05/812;

Dayton & Western Tr. Co: Car 115 & 140 8-98/456-457; 6-99/357-360; Cash fare receipts 9-99/587-588;

Dayton & Xenia Rapid Transit Ry: w.car#6 4-7-00/332-333;

Dayton & Xenia Transit Co: w/car #10 4-7-00/329-332;

Dayton Covington & Piqua: Described 9-17-04/390-396; 10-13-06/plate 31 & 36; parlor car interior 10-13-06/plate 41; Covington sta. 10-30-15/915; Open car #150 8-3-07/189;

Dayton London & Columbus Ry: 5-16-03/735;

Dayton Springfield & Urbana El.Ry: w. car #5 & special car 4-7-00/325; 5-16-03/732-735; Carrying horse in combo car #25 9-16-05/420; Truck with flanged wheels to deliver newspapers 12-9-05/1026-1027; Power plant 10-13-06/plate 43

Dayton St. Ry. Ohio floods 4-5-13/624-639;

Decatur Ry & Lt. Co. Car #42 2-25-05/376-377;

Delaware County & Philadelphia El. Ry: Car #1 6-94/359;

Delaware El. Pr. Co (Wilmington) New cars 7-28-28/18; Car #406 12-15-28/1026-1029;

Delta Lt & Tr. Co (Greenville, Miss) one man car 1-1-16/25;

Denison & Sherman Ry (Tx) 4-20-07/686-687;

Denver and Intermountain Ry: Car #201 with new trucks, V.32 1908/759-760; Catenary construction, V.32 1908/595-597; 10-2-09/513-514 + photo pages;

Denver & Interurban Ry: 10-2-09/509-513 + photo pages;

Denver & Northwestern RR: Track laying machine 8-8-03/207; Power 5-28-04/812-814;

Denver & Westminster (Co) 3-93/150-151;

Denver City Cable Ry: Car #4 3-90/103; 3-93/144-147;

Denver City Tramway: w.car#179 & 305 2-2-01/153-161; Car #49 2-7-03/238-239; Car #01 6-20-03/907-908; Closed car #309 3-93/179-180; 3-93/133-144; Emergency car 8-8-03/194-196; Tickets & transfers 8-8-03/202-203; Summer-winter car #368? 4-97/223; Car #49 8-29-03/351; Power sta. 10-10-03/682-694; Car #53 & 54 & trailer 6-10-05/1040; Combination dump & flat car 2-10-06/244-245; Car house 4-15-11/660-662; Utility car #720 9-30-11/539; power plant 12-9-11/1188-1191; Complex st. crossing 15th & Curtis construction 4-20-18/770-771; Crane car 4-20-18/772; Loop track at Union St. 12-28-18/1132-1133; Dump train for construction 10-6-17/628-629; 100' crane and storage yard 10-27-17/752-756; Transfer ticket 12-22-17/1113-1115; 10-2-09/492-508;

Denver Consolidated Tramway Co: Car #139 2-99/161;

Denver horse ry: 6-98/334;

Denver Leadville & Golden Ry: 3-93/149;

Denver Tramway Co: See Denver City Tramway.

Derby St. Ry (Ct): Employee's club room 2-96/122-123;

Des Moines City Ry: Described 7-11-03/52-57; Car #189 7-29-05/173; Car #179 4-2-10/210 adv. page; Track work 6-2-17/1010-1012; Cars 5-20-16/948-960; Shuts down suddenly because of city council 8-13-21/237-238 & 8-20-21/283-288; Bankrupt 11-19-27/965;

Des Moines El. Ry: Scene & car #2 4-89/86-87;

Des Moines Inter Urban Ry: Granger Sta. 10-8-10/623, 624, 626-627;

Des Moines Ry: New cars 12-30/736-738;

Des Moines St. Ry: Car #340 9-30-16/581;

Detroit - interurban center 10-4-02/437-491

Detroit Ry: Description with car #1 1-96/1-8; car #116 10-96/614;

Detroit & Pontiac Ry: 1-99/2-8;

Detroit & Port Huron Shore Line Ry: Described w.#7279, 7268 & 7254; 10-4-02/478-485;

Detroit & River St. Clair Ry: Kinetic car #5 9-98/557-558;

Detroit & Troy El. Ry: Frt. & express handling 10-4-02/503;

Detroit Ann Arbor & Ypsilanti 1-99/1-8;

Detroit Citizens Ry: Car #338 10-93/650; description with car #547 9-95/559-564; Car #354 10-96/613;

Detroit: Dept. of St. Rys: New cars #401 11-34/438-440; Healy steam motor #3 and car 2-92/69;

Detroit Lake Shore & Mt. Clemons Ry: 1-99/2-8;

Detroit Monroe & Toledo Shore Line Ry: Car #510 8-29-03/401; 1-28-05/144-151; "Tuscarora" car 10-22-27/774;

Detroit (Municipal) Rys: Moves to new office bldg 12-9-22/901-904; Paving track with concrete 7-23-21/121-129; Catenary and single truck cars #108, 125 7-30-21/159-162 3 care articulated train 3-8-24/357-362; Improving traffic flow and speeds 6-14-24/927-930; Highland Park Shop 7--5-24/6-8; Use of radio to contact emergency truck 7-12-24/47-49; Super highway and 4 track rapid transit planned to reach suburbs 7-12-24/52; Jitney problems 3-10-23/429; Woodward Ave. shelter sta. 4-25-25/653-654; Express trolley 2-30/85-88; Car #3830 6-14-30/376; New car house 11-30/702-704; Peter Witt car #3750 4-29/565; Jefferson Ave. line 1-7-28/4-7; Witt car #3526 3-17-28/485; Grand River Ave. express line 12-15-28/1036-1038;

Detroit Rochester Romeo & Lake Orion Ry: 4-7-00/334-336;

Detroit United Ry: Car 7-6-01/24; Car #1064 7-25-03/129; Concrete mixing car 8-29-03/334; Shops 2-25-05/352-360; 10-4-02/437-478; Pile driver 4-1-05/603; Shop 2-11-05/258-262 & 2-18-05/309-314; Construction car #1866? 5-20-05/921; Private parlor car #7500 10-13-06/565; Track 12-22-06/1144-1148; Car plans 10-13-06/633 Ltd. car #730210-13-06/plate 37; Detroit United Ry Maintenance of way equipment 11-6-09/977-981; Detroit frt/ terminal 10-8-10/607; Frt service 10-8-10/602, 605; Car #1787 4-2-10/187 adv. page; Orion Sta. 10-8-10/594; Harper Ave Yd 3-25-11/494-495; Outing car "Yolande" 6-10-11/1030; Car #7076 3-30-12/511-512; Paint shop 4-12-13/668-574; Safety first instruction car 3-14-14/595; Exp. & frt. service 5-9-14/1022-1027; Machine shop 6-13-14/1314-1320; Loco. #2000 & trailer #1987 5-1-15/848-849; Reefer car #99 11-20-15/1044; Study 7-24-20/162-167; Frt. car #858, map 5-11-18/9021, 903, 907; Frt. term. 2-1-19/218, 222, 223, 220; Box car #2118 used in interline service, #2002, loco. #2000 3-1-19/405, 403, 399, 398; Stone crusher plant 4-12-19/726-727; Take over by city rejected by voters 4-12-19/739-740; Rebuilt cars 11-8-19/863-864 & 11- -19/920-921; Handling auto bodies in car loads 1-19-14/1333Loading pass. at rate of 400/minute at Ford factories 1-12-18/88; Triple frt. capacity 8-11-17/219-222; Yards 3-24-17/534-537; 2 car train #7139 4-14-17/698-699; New frt. term. 4-21-17/729-730; LCL containers for truck pick-up/delivery 12-29-23/1077-10789; Parlor cars 8--2-24/167; Collision kills 10 9-11-26/431; Interurban-bus sta. 5-2-25/685-688; Pontiac street paving 4-7-28/581-583; Car #3250? 4-28/682; To be reorganized 5-5-28/754-755;

Detroit Ypsinanti Ann Arbor & Jackson Ry: 10-4-02/485-491; car colors 10-13-06/628; car plans 10-13-06//632; & car #30? 10-13-06/plate 38;
Dry Dock East Broadway & Battery Ry NYC): 9-92/538-539; Rebuilding 12 ft. to 16 ft. & 20 ft cars 11-94/732; Cars 6-96/360-361;
DuBois El. & Tr. Co: power house w/#8 & 10 5-9-03/694-698; New 4 wheel car #12 3-9-07/434;
Duluth St. Ry: Wrecking car and work car 9-7-12/382; Operations 9-21-12/446-448;
Durham Tr. Co (NC) Amusement park 7-2-10/44-46;
East Cleveland St. Ry: Power house 4-92/200-204; Open car #288 9-92/533; 10-92 souvenir issue/18-24; Mehling car #288 pix 10-92 souvenir issue/62;
East Fifth St. El. Ry (Kansas City) 5-98/264;
East Liverpool & Wellsville Ry: Express car 4-92/238;
East Liverpool Ry. & Lt. Co: Description, V.32 1908/654-659
East Liverpool Tr. & Lt. Co (Oh).: Description, V.32 1908/654-659; 9-1-06/334-342; Car #115 4-17-15/765-766; Dump car #950? 3-18-16/571-572;
East Saint Louis & Belleville El. Ry: Frt. service 5-11-18/897, 911, 914; Frt. service 3-1-19/396;
East Saint Louis & Suburban Ry: Convertible car #63 5-9-03/709; Car #75 1-9-04/79; Gauge change from 4'10" to 4' 8 1/2" 7-29-05/168 & 9-9-05/387-389; Described 9-7-12/358-366; Alton power plant 8-15-14/288-291; Gauge changed to 4'8 1/2" 7-29-05/168; Rebuilds car #605, 304 6-4-27/1000-1001; Car #350 12-24-27/1175;
East Side El. Ry Ry (Ks .City) 10-13-00/923-924;
East Side Ry (Portland, Or) 5-93/304-305; Convertible car 5-93/319;
East Side St. Ry (Brocton, Mass) Snow scene and car #4 12-89/400;
East Taunton St. Ry: #14 car 6-12-26/1035
Eastern Massachusetts St. Ry: Car #6000 12-16-22/933-935; Rebuilds open car #1222 series to one man cars 6-25-21/1167-1168; Ice digging car 12-17-21/10077; #6000 5-29-23/487; 9-25-26/529-533; Snow sweeper #B-615 12-18-26/1100-1103; Car #4341 & car painting 6-20-25/967-970; Rehabilitation 5-34/140-143;
Eastern Michigan Ry: Takes over Detroit United Rys 11-17-28/900; LCL cars 9-14-29/937;
Eastern Ohio Tr. Co: Car #38? 10-31-03/810;
Eastern Pennsylvania Co: Car #38 4-2-10/189 adv. page;
Eastern Texas El. Co.: Car 213 7-30/453;
Eastern Tr. Co: Car #160 12-21-07/1181;
Eastern Wisconsin Ry & Lt. Co: Road crossing signs 4-3-09/599; ; Fare increase 12-16-11/1233-1238; Car 9-290-23/499;
Easton & Washington Tr. Co (NJ, Pa) 12-26-07/1194-1199;
Easton Transit Co: Car #105 11-5-04/849-850; 6-29-07/1180;
Eckington & Soldier's Home- Ry (DC) Track scene 12-88/321; Street scenes 2-89/31; 12-94/761-763;
Edmonton City (Municipal) Ry (Alb.) Car house 3-7-14/510-514; Report 6-13-14/1334-1336
Edmonton (Radial) Ry: Car #14 4-2-10/209 adv. page; Car #18 with unique door 1-26-18/194; Track evolution 9-4-20/463-466; Car #14 10-2-09/622
Eighth Avenue Ry: 9-92/538;
El Paso El. Ry: 5-10-02/584-585; Sprinkler car 4-2-10/227 adv. page; Car #50 9-28-18/552-553; Car #68 5-21-27/902; New car 9-10-27/457; Special car demonstrating kitchen utensils 1-31/56; Rebuilds car #93 12-31/692; 10-29/981; New cars #504, 891 11-10-28/835-838;
Electric Ry. Co. (Savannah) 3-94/176;
Electric Express Co (Mass): Car #0405 and frt. business 7-9-21/41-47
Electric Traction Co (Phila.) 1-94/9-10; Car #441 5-94/289; 10-94/607-610; Power Sta. 6-95/393-396; South St. power sta. 10-95/655-656; Shops 12-95/787-790;
Elgin Belvidere El.Ry: Concrete bridge near Belvidere, Il. 9-1-06/343-346;
Elizabeth & Newark Horse Ry: Car #1 pix 11-1942/423; Gas motor car tested 5-89/112-113;
Elizabeth Plainfield & Central Jersey Ry: Cranford power sta. 3-19-04/439-442;
Elmira & Seneca Lake RR 7-22-05/157;
Elmira Water Lt & RR: 7-5-02/17-20;
Elyria Cleveland & Southwestern: power sta. 10-13-06/plate 43;
Empire State RR: Described 7-24-20/171-174; Notes & car #212 1-12-18/93;
Empire United Ry Car #301 9-18-15/578-580; Parlor car "Rochester" & "Syracuse" 2-26-16/392-394
Englewood & Chicago El. Ry: 12-96/748-753; storage battery charging 9-99/559-560;
Enterprise St. RR (Charleston, SC) 3-94/174-175;
Ephrata & Lebanon St. Ry (Pa) Storage battery car 3-23-122/474-475;
Erie Electric Motor Co (St. Ry) El. car and horse car #13 11-93/744-745;
Erie Rapid Transit St. Ry: 12-21-01/878;
Erie Tr. Co: Adv. folder 12-27-02/1009-1010;
Evanston Ry (Il) : Car #1 7-25-14/174-175; Car house 4-3-15/5660--663; Described and car #8 10-5-18/622-623; Ltd. train and boat service on Ohio River 7-17-09/112;
Evansville & Eastern Tr. Co: 9-28-07/446-448;
Evansville (Ind) St. Ry. 6-93/355; Car ferry Hendersonville to Owensboro, Ky 11-23-12/1054-1056;
Evansville Henderson & Owensboro Ry: Car ferry 11-23-122/1054-1056
Evansville Suburban & Newburgh Ry: 3-16-07/446-451; Fuquays sta. 7-24-09/150-151; Evansville terminal; 12-28-07/1202-1203;
Everett El. Ry (Wash) 2-94/98-99;
Everett & Bellingham Ry: #24 & 25, 209 9-28-18/554-556;
Everett Moore lines: Car colors 10-13-06/628;
Everett Ry Lt & Water Co #104, 108 7-6-07/41;
Exeter Hampton & Amesbury St.Ry: 3-3-00/232-234;
Fairburn & Atlanta Ry (Ga): Gas car. Ry goes to College Park 1-20-17/126
Fairfield County Tr. Co (Columbus, Oh) Car #4 11-7-03/857;
Fairhaven & Westville RR (Ct): Parlor car #123 6-95/418 & 1-96/37; Car #124 1-19-01/116-117; Tower cars 4-6-01/411-412;
Fairhaven & New Whatcom El. RR (Wash.) 6-93/358-359;
Fairmont & Clarksburg Tr. Co: 5-16-08/808-811;
Fairmont Park Trans. Co.(Phila.) Schuylkill River bridge 9-97/550; 8-97/459-465; 3-99/164-165;
Fargo & Moorhead Ry: line stock car, V.32 1908/536
Federal Lt. & Tr. Co (Ark) tie-less track 4-18-25/615-618;
Federal St. & Pleasant Valley Ry (Pittsburgh) Car #111 6-95/410; "Columbia" car 76 9-90/417;
Fitchburg & Leominster St. Ry: Car #53 10-13-00/1012; Car 5-11-07/836; Car #103 4-23-27/738-741; Car #101 5-19-28/843
Fond du Lac & Oshkosh El.Ry. Car #102 1-3-03/xx;
Fond du Lac Ry. & Lt. Co: 12-1`-00/1149-1151;
Fonda Johnstown & Gloversville: Adv. folders 12-27-02/1009-1010; Described 8-29-03/304-316; Car #100 10-17-03/741; Car #33 rebuilt from open to closed 12-28-18/1147-1148; New car #125 4-32/189 & 8-33/241-245; Billboard advertising 1$/mile 8-35/262; Sacendaga Park & its sta. 2-29-08/316-319;
Forest City Ry: (Cleveland): Track laying at night fight 1-5-07/33-34; Carts 1-19-07/117;
Fort Dodge Des Moines & Southern Ry: Car #92 4-2-10/205 adv. page; Traffic 6-25-10/1094-1097; Changes to 1200 volt and Boone trestle 5-18-12/820-827; Loco. 111 & frt. train test 5-18-12/838-839; Frt. service 5-11-18/896-897; frt business 8-26-16/344-347; Frt. Service 3-1-19/397; Caboose 089 3-1-19/405; Loco. #209 6-31/300; 11-30-07/1048-1053;
Fort Scott El. Ry: Car #1 4-16-04/607;
Fort Smith Lt. & Power Co(Ark): Open bench cars 5-19-06/801;
Fort Smith Lt. & Tr. Co: (Ark) Advertising on trolley side 7-14-09/115; Emergency car #105 2-24-12/311; Birney car 5-1-26/787;
Fort Smith St. Ry:: Shop 2-3-06/196-198;
Fort Wayne & Belle Isle Ry (Detroit) 10-93/668-670;
Fort Wayne & Northern Indiana RR: Flood scene 3-15-13/461 & 4-12-13/679-683; Cat Creek bridge 6-16-17/1099-11; At Lafayette 1-26-29/152-155;
Fort Wayne & Southwestern Tr.Co: Car #304 9-6-02/337 & 10-4-02/541-542;
Fort Wayne & Springfield Ry: 4-27-07/736-737; Emblem 3-12-10/443; ; History and car #101 10-6-17/612-615;
Fort Wayne & Wabash Valley: construction 11-25-05/957-958 & 12-1-06/1034-1038; 10-13-06/plate 34 & 620-621; Parlor car "Lawton" 2-3-06/206; Parlor car #501? 3-31-06/478; Dining service & menu 3-16-07/463; Car plans 10-13-06/633, 634; Car colors 10-13-06/628; Station 10-13-06/[plate 47; Ltd. service Indianapolis to Fort Wayne begun 5-12-06/775; Buffet service & menu of Lts. 6-16-06/951-952; Car #501 4-2-10/191 adv. page; Sub sta. car #1000 10-1-10/522; 11-6-09/971-973;
Fort Worth & Arlington Heights St. Ry (Tx) 6-94/370-371;
Fort Worth & Rosen Heights St., Ry: Car #109 11-5-04/851;
Fort Worth St., Ry: 9-28-18/548-550;
Forty Second St. & Grand Ave. Ferry RR: 9-92/539;
Forty Second St. Manhattanville & St. Nicholas Ave. Ry: 9-92/539;
Frankfort Elevated Ry (Phila.) Car #535 problem 9-16-22/389-390; Opened 11-11-22/792 & described 11-25-22/841-848; New cars #501 12-17-21/1063-1064
Frederick RR (Md) 22 & 30 ton locos & baggage car 4-13-12/623
Frederick & Middletown Ry: combination car #221 1-99/62; Car #24 7-15-05/119;
Freeport Ry & Lt Co.(Il) Car #9 8-26-11/363
Fresno City Ry: Frt. loco. 4-11-03/370;
Fresno Interurban Ry: Gasoline car 10-20-17/712
Galesburg Ry: Car #153 11-30-07/1069;
Galesburg & Kewanee El. Ry: Car #50 10-17-03/740; Car #7 10-12-07/690;
Galt Preston & Hespeler Ry: Description with #29 combination car 10-95 souvenir/48-49; El. loco #40 12-31-10/1284; Loco. 2-14-14/375;
Galveston City RR: 5-94/311-313; Globe St. Ry (Fall River, Ma) 4-93/201-202;
Galveston El. Co: 4 wheel car #90 3-17-06/431; raising ry for sea wall 5-12-06/752-756; New cars 10-15-27/765;

Galveston Houston Interurban Ry: 3-11-11/408-414; Hurricane damage to causeway & wreck car 8-28-15/361; Causeway reconstruction 12-23-16/1311
Gary St. Ry (Ind): Safety car and jitneys 5-17-129/967-968; Car #207 7-12-19/83; New cars 8-7-26/244; Car #12 1-29-27/210; new cars 9-25-26/550-552; Cars 9-24-27/577; Snow sweeper 7-14-28/49-50; Contest car 8-25-28/304; 10-13-28/668-671;
Gary & Hobart Tr. Co. 4-24-26/745
Gary & Southern Tr. Co. #6 combination car 3-9-12/400; New car 12-22-28/1103
Georgetown & Tenalleytown St. RR #1 8-90/377;
Georgia Pr. Co: Line car 4-37/127
Georgia Railway & Electric Co(Atlanta) : Car #66 11-21-03/923; Car #174 10-21-05/779; Davis St. power house, V.32 1908/427-430; Car #330 3-11-11/416-418; Car #430 3-20-20/584; Loco. 4-12-19/737; Transportation in Atlanta 5-6-22/741-747; #211, 231 cars 7-16-21/101; Service car #756 4-24-26/726; New and old cars 5-22-26/874-877; New car "Peter Caldwell" 7-31-26/185-189 & 12-31-27/1180-1184; Car #810 5-2-25/795-696; New car 8-20-27/336; Car 629 6-14-24/923-924;
Glen Cove Ry:(NY) Single phase power 11-19-21/907;
Glen Falls Ry (NY): car 9-30-16/575
Gloucester St. Ry (Mass) 9-98/480-481;
Gloucester Essex & Beverly St. Ry (Mass.) #21 car 9-98/561;
Grand Avenue Ry (Ks. City, Mo): Car #118 6-88/149;
Grand Junction & Grand River Valley Ry (Colo.) Equipment 10-15-10/832-833;
Grand Rapids Ry: Car #278 7-29-05/174; Welding car 11-1-02/760-763; Sprinkler car #2 2-10/advertising pages; New car "Delos A. Blodgett" 5-29-26/914-917; Bone fire for old cars 7-3-26/36-37; "Geo. W. Gay" car 9-25-26/537-540; ; New car "Minnesota" 3-28-25/529 & 5-9-25/721-725; Cars 5-16-25/767-770 & 5-23-25/807-810; Homemade snow sweeper 2-26-27/380; Private car for Col Lindburgh 7-9-27/76-77 & 10-15-27/730-731; cars 10-15-27/726-735; Car house 1-11-08/45-46; Sprinkler car 8-31-07/326;
Grand Rapids Grand Haven & Muskegon Ry: 7-5-02/1-9; Frt. house 11-25-05/960; Frt sta 10-8-10/605; Frt service 10-8-10/601; Map 5-11-18/903 & frt. service; Abandoned 5-12-28/791
Grand Rapids Holland & Chicago Ry Car #6 5-6-05/841; Frt. service 10-8-10/601 & 605; Rail and boat terminal 10-8-10/598; Cars #20 & 21 9-13-15/428; Express car #129 with snow plow 11-9-18/841;
Grand Rapids Holland & Lake Michigan Rapid Ry: 3-15-02/330-336;
Grant St. El. Ry (Seattle) 5-93/316-317;
Grays Harbor El. Co 11-26-04/944-945;
Grays Harbor Ry & Lt. : cars 11-24-06/1022;
Great Falls St. Ry (Mont.): 4-93/249-252; Car #30 8-19-11/323
Green Bay Tr. Co: Described 12-10-04/1030-1035;
Greenfield & Montague Trans. Co (Mass): Formed 1-10-25/59-61; New car "Mohawk" 6-25-27/1163; 12-29-26/1108-1111;
Greensboro St. Ry (NC) 9-28-18/558-560; ; New car 9-29/873;
Greenwich Tramways Co (Port Chester,NY): open car 5-13-05/886;
Groton & Stonington St. Ry:(Ct) 10-6-06/498-503;
Gueph Radial Ry: 27 ton loco. 1-20-12/119
Gulfport & Mississippi Coast Tr.: Car #100 3-10-06/401 & 8-11-06/239-240;
Guthrie Ry Co: (Ok?) 4 wheel cars 6-24-05/1105;
Halifax El. Tramway Co: described w/#25 & 32 5-5-00/433-436
Hamburg Ry (NY) 10-97/590-611;
Hamilton Glendale & Cincinnati Ry (Oh) Car #10 3-1-02/297-298;
Hamilton Grimsby & Beamsville El. Ry (Ont) with car #16, 10-95saouvenir/37-38
Hamilton Mountain Park Co: Incline plane, Ontario 7-17-15/115-116
Hamilton Radial El. Ry (Ont) Improvements 3-27-09/559-560;
Hamilton St. Ry (Ont) New cars 11-12-27/925; Shop 6-30--28/1068-1072; 10-95souvenir/35-37;
Hampton & Old Point Ry: Frt. car 4-92/238-239; 2-93/80-81;
Hanover & McSherrystown St. Ry (Pa): Ballast car 2-6-09/250; Car #200 4-30-10/790-791;
Hartford & Springfield St. Ry: Opened 1-18-02/83-84 & 2-1-02/126-130; Extension 9-3-04/320-321; Car #16 1-7-05/43; 8-5-05/210-211; Poster" New England by Trolley" 9-4-09/364-365;
Hartford & Wethersfield Horse Ry: 12-17-27/1117-1119
Hartford St. Ry: w. car #164 5-95/279-286; Car #219 1-96/35; 9-99/573-577; Wethersfield car house 2-4-05/206-211; Rotary snow plow #80 9-7-01/299; Snow plow 10-22-04/760; Mountain Park and Mt. Tom 12-2-05/988-990;
Helena El. Ry (Mont) 4-93/247-249;
Helena Rapid Transit Co: 4-93/248-249;
Henderson Tr. Co (Ky) 10-19-12/881-882; Gas car #113 9-27-13/507;
Hestonville Mantua & Fairmont Pass. Ry (Phila.) 10-94/606-608; ; power sta. 11-94/721; Opened 1-95/51; car #..29 7-95/480; Test of Freese car motor 10-85/280-281
Highland Park Ry (Detroit): & cars "Faraday" and "Ampere" 2-88/37-38;
Highland Park & Fruit Valley RR (Cal) Doubledeck car #1 7-91/341; 7-93/458-459;
Hingham St. Ry (Mass) Car #23 9-98/561;
Holyoke St. Ry (Mass) 8-98/415-420; Shops 5-15-15/930-931; Zone fares insufficient 9-14-18/456-458; Power plant 12-9-16/1190-1194; Emergency bridge 4-29-22/712-713;
Honolulu Rapid Transit Co: 10-30-26/807-809;
Hoosick Falls Ry (NY) 9-94/554-556; Hornellsville El. Ry (NY) Car #13 5-95/332;
Hot Springs St. Ry (Ark) 7-94/441-443; Track & cars at race track 3-23-07/494; Car #44 3-30-07/539; Operation after city fire 10-4-13/652-653;
Houghton Country St. Ry (Mich) 5-3-02/530-535;
Houston City St. Ry (Tx) describe w.car #395-94/312-315;
Houston El. Co: Car #123 9-15-06/415; Car #310 4-2-10/188; Instruction car #211v 9-27-13/488-490; ; "Talking car" 6-26-26/1098-1099; #416 cars 11-19-27/969; Car #164 3-28-08/496;
Houston North Shore Ry: New car 8-6-27/221-223; Car #416 12-3-27/1023-1026;
Houston St, West St. & Pavonia Ferry Ry: 8-92/469-470;
Hudson & Manhattan RR: Completed to Christopher St. 10-14-05/740-741; cars 6-8-07/1028-1034; Cortlandt St. terminal 3-9-07/420-424; Cortlandt St. terminal opened 7-17-09/102-110; Jersey City power sta. 3-5-10/384-392; Baggage car B-2 3-19-10/496-497; Annual report 10-22-10/889-890; Proposes to operate Tri-Borough Subway 11-26-10/1071-1072; Jersey City shop and yard 5-6-11/780-783 + insert; Operating practices 6-24-11/1098-1104; Traffic promotion 11-25-11/1090-1094; Baked enamel painting 1-25-13/146-149 & 4-12-13/686-687; 25 more cars 6-11-21/1086; Car elevator 12-28-07/1206-1207; Opened 2-29-08/329-332; first train 1-11-08/49-50; Cars 10-2-09/604-608;
Hudson River Tr. Co: #38 12-17-04/1086;
Hudson Valley Ry: El. loco. #2 400 horsepower 5-10-02/590; Strike various issues 1902/370, 404, 419, 627, 720, 775, 787, 795, 833; Described 8-29-03/288-295; Car #500 12-18-25 or 15/1226-1227; Saratoga terminal 5-6-16/854-855;
Hull El. Ry (Ont): Loco. #1 and car 7-98/355-358;
Hunters Point & Erie Basin: Car #96 pix 11-84/15;
Huntington RR (Long Island) 11-13-09/1010-1015;
Hutchinson St. Ry (Ks): Car #59 9-23-11/505;
Hutchinson Inter-Urban Ry (Ks): #58 car 4-27-18/815
Hydro Electric Power Comm. (Ont) for constructing railway to power plant near Niagara Falls, #E-1 11-9-18/843; (Windsor & Guelph, Ont) Car #217 12-9-22/909-910; Car #304? 9-1-23/335-336;
Illinois Terminal Co: New 2.5 mile track at McKinley bridge, St. Louis 5-34/149-151; :car. #70 6-41/212;
Illinois Traction Co.: Car #252 10-8-04/667-668; 3 buffet cars "Missouri, Illinois & Indiana" 5-26-06/830-831#591 11-25-05/958-959; #226 3-31-06/506; Express car #1012 6-9-06/926; Loco. #102 3-16-07/468-469; Growth 4-6-07/587-588; Peoria-Bloomington line 5-4-07/788-790; A. C. power 7-6-07/4-15; Decatur Sta 4-18-08/641-642; St. Louis bridge 1-4-08/15; Springfield Station, V.32 1908/1284-1285; Decatur shop & car floor plans 4-3-09/635-639; stations, improvements, maintenance 4-17-09/716-723; McKinley bridge and Ry system 1-22-10/138-144; Business car #233 1-29-10/188-189; Sleeper "St Louis" 3-19-10/476-480; #951 5-28-10/951-952; Annual report 9-3-10/353; Decatur shop 9-3-10/368-369; St. Louis express terminal 9-24-10/462-463; Opening McKinley bridge 10-22-10/873 & 11-1-9-10/1029-1030; Shelter sta's 12-31-10/1276; McKinley line 3-4-11/381; Grain transfer elevator 3-18-11/453-454; Broadway Sta. at St. Louis 5-13-11/837-838; Wrecker #830 & crane #554 5-20-11/874; Block signals 6-24-11/1105-1109; Car #265 for McKinley line 7-8-11/76-81; Venice power sta 7-15-11/106-114; Business car #233's 1624 mile trip to Cleveland and back 9-2-11/395-396; 9-23-11/485; {parlor car and sleeper "Decatur" & #1202 9-30-11/521, 522-527; St. Louis sta. 10-7-11/656-657; Frt. service to Chicago 10-5-12/598; McKinley line results 10-26-12/905; Four belt lines at Decatur, Springfield, Edwardsville & Granite City 11-16-12/1018-1022; St. Louis express and frt. methods 2-15-13.282-287; Frt. house at Springfield 5-24-13/930-931; Coal train with #1565 10-4-13/588l St. Louis frt. terminal layout 10-4-13/596, 598; Coal handling at St. Louis 12-6-13/1193-1194; Signal maintenance 5-16-14/1070-1073; Sleeper "Edwardsville" and parlor obs. "Homer" 8-15-14/302-303; Signals 2-27-15/408-410; Snow plow #4 1-8-16/94; Carload frt. business 7-8-16/48-57; Publications 10-7-16/714-715; One man car 10-21-16/864-866; Birney cars & old 4 wheel #150, new #400, #225 9-22-17/521-530; Wood hopper car #10101 pix 1-4-19/41; Frt. train 3-1-19/396; Advertising for frt and pass service 9-24-21/505-513; Loco #1579 80 ton loco. 1-31-25/187-189; Car #60 1-10-25/51-53; Frt. business 11-13-26/885-888; New service 11-6-26/836-840; Car house 7-28-28/141-142; Frt. service 10-8-10/616; Sleeper "Peoria" 10-8-10/618-619, 620; Frt service 10-8-10/620-621, 626; Emery (?) Sta. & frt. service 10-8-10/625, 628-629;v Springfield & St. Louis frt. service 5-11-18/892, 896, 897, 904,

905, 907, 912; 4 car pass. train 4-22-22/682-683; Express & bag. car #1202 2-11-11/275;
Illinois Traction & Terminal Co: Indianapolis terminal barn 11-12-04/868-871;
Indian Territory Co (Ok.) Mail & express car 5-13-05/889;
Indiana Columbus & Eastern Tr.Co: Mileage books 12-22-06/1153; 12-1-23/930; Car #301 12-1-23/927; Rail and bus service 4-12-24/581-583; Frt. car painted with advertising slogans 7-26-24/143; Old pass. cars rebuilt to frt. trailer 1-22-27/162; Frt. business 2-2-29/192-196;
Indiana County Ry (Jefferson Tr. Co, Pa.) combine #1 6-22-07/1113;
Indiana El. Ry: Combination car #7 7-95/479; snow plow 9-1-00/847;
Indiana Northern Tr. Co: Described 9-10-04/362-365;
Indiana Ry & Lt Co (Kokomo): tower car 10-25-19/794; Snow plow 2-14-20/338; 65 ton loco & 45 ton car #402 2-21-20/397-398; 1-22-21/179
Indiana Rys: 35 new high speed cars #50 9-31/462-463; Reorganized as a consolidation of Indiana Service Co, Northern Ind. Ry & Interstate Public Service Co. 3-31/141-143; Advertising program to develop new business 5-32/217-218 & 9-32/383
Indiana Service Co: Fort Wayne weekly pass 9-22-23/452; Ft. Wayne cars #510 & 288 5-3-24/693-694; Car #323 6-14-24/931-933; Fort Wayne car house 8-9-24/191-194; Parlor cars 11-23-26/874-879; Fort Wayne shop 11-20-26/916-922; Ft. Wayne frt. term. 9-14-29/935;
Indiana Traction Co.: Topton car barn, V.32 1908/509-510;
Indiana Union Traction Co.: Described 12-17-04/1064-1075; Wind resistance tests 3-25-05/540-542; Ticket system 3-3-06/345-346; 10-13-06/plate 29, 33; Muncie, Ind. terminal bldg 10-13-06/552-555; Ltd service Indianapolis to Fort Wayne begun 5-12-06/775; Center entrance parlor cars 2-16-07/288; Anderson, In. shop 3-30-07/555-556; Kokomo sta. 5-4-07/790-791; Buffet service & menu of Lts. 6-16-06/951-952; Frt. sta. 10-13-06/plate 51; car plans 10-13-06/page 632; Ltd. car 10-13-06/plate 40; car colors 10-13-06/628; Locomotive #680, V.32 1908/637, 747; Frt. service 10-8-10/599, 604; Broad ripple car #182 1-9-09/65-66; 2-6-09/249; Sta. grounds at 5 cities 9-18-09/430; Car #296 4-2-10/191 adv. page; Noblesville sta 10-8-10/597; Muncie sta. 10-8-10/603; "Muncie Meteor" parlor car 7-29-11/200; Signals 8-24-12/286-288; Improvements 4-11-14/823-824; Anderson shop 4-4-08/538-544;
Indianapolis & Cincinnati Tr. Co: Cars 1-28-05/172-173; Ry opened 2-18-05/300-306; Power house w.car #301 3-18-05/502-508; Express car #401 10-13-06/plate 52; frt. sta. 10-13-06/plate 51; car colors 10-13-06/628; Frt. service 10-8-10/600, 605; Arlington Sta. 10-8-10/598; ; Cab signals 6-8-12/?? & 8-30/13/339; ; Bow trolley pick-up 11-7-14/1052-1054; 6-2-23/913-917; Rebuilding 7-26-24/113-117 & 8-2-24/163-166 & 8-9-24/203-206; Frt. term. 8-11-17/224-226; Indianapolis frt. term. 2-23-24/295-297; Floods in Ohio 4-5-13/624-639; Extension 10-12-07/671-675; Track laying 1-18-08/90;
Indianapolis & Eastern Ry: Car #70 8-8-03/209;
Indianapolis & Fort Wayne: See Indianapolis Union Tr. & Fort Wayne & Wabash Valley Tr.
Indianapolis & Louisville Tr. Co: 1-4-08/4-9;
Indianapolis & Northwestern Tr.: Car #22 12-5-03/990-991; Description 1-23-04/126-131; Parlor car #44 2-4-05/204; 10-13-06/plates 30, 33, 34; express car #5 10-13-06/plate 52; car plans 10-13-06/634;
Indianapolis & Southeastern Ry: Cars 8-4-28/208; Indianapolis frt. term. 9-14-29/936;
Indianapolis Columbus & Southern: Track scenes 10-13-06/plate 27; Express car #24 10-13-06/plate 52; car plans 10-13-06/633; Car #16 10-13-06/plate 38; car colors 10-13-06/628; Car #115 3-18-16/569; Loco 100 horsepower 9-4-09/367; Line car 5-8-09/880;
Indianapolis Crawfordsville & Western Tr. Co: Frt service 10-8-10/600, 605; trailer car 9-30-11/530; Pittsburgh sta/ 10-8-10/601; 5-23-08/850-856;
Indianapolis Fort Wayne & Wabash Valley Tr. Co: Frt. service 10-8-10/599-600
Indianapolis Frt. Terminal: 5-11-18/908, 910-911; scene 10-4-13/589
Indianapolis New Castle & Toledo El. Ry Car #302 2-4-11/364-369;
Indianapolis Shelbyville & Southeastern Ry: Car #1 10-4-02/545, 546;
Indianapolis St. Ry: Transfer car 8-92/468-469; Car construction 1-4-02/27-29; Car shop 6-38/188-191;
Indianapolis Traction. & Terminal. Co: Terminal bldg 10-13-06/623; Frt & Pass. terminal 10-14-05/734-736; 10-13-06/plate 51 & plate 35; Frt sta 10-8-10/606-607; Terminal building photo 10-8-10/606-609; Car #900 4-2-10/190 adv. page; Architecture award 2-21-14/398-401; Cement mixing train with loco. #28 6-20-14/1404-1405; strike 11-18-16/1073; Seeks to merge with Indianapolis St. Ry 6-21-19/123; Ohio floods 4-5-13/624-639; Indianapolis interurban ry strike 11-8-13/1018-1021 & 11-15-13/1059-1061;
Inland Empire Ry: See Spokane & Inland Empire Ry:
Inland Tr. Co (Soudertown, Pa) Duplex open car 7-7-00/654;
Inter-Urban Ry (Des Moines) Frt. train operation w. loco. #301 7-28-06/138-139; Construction 8-25-06/284-288; Frt service 5-11-18/901, 909, 912; Car #703 7-24-15/156-157; Troop train 8-14-15/274; Portable sub sta. car A-1 9-15-17/436;
Interborough Rapid Transit:: "August Belmont" car #1 & "John B. McDonald" car #2 9-20-02/382-384; Leases Manhattan Ry 12-13-02/965; First spike for subway driven 3-21-03/445; Subway car 8-22-03/264-266; Power station 1-23-04/137-140; Car #3342 2-13-04/260-261; Instruction car 8-20-04/259-261; Subway sta. 10-1-04/464-471; Subway opened 11-5-04/859; 9th Ave. accident kills 9 at 53rd St 9-16-05/418; Car #55 2-10-06/252; Subway cars 6000, 7000 & 8000 series drawings 1-12-07/64-67 & 1-19-07/90-98; Head-on collision, V.32 19081523-1524; Car #3429 2-27-09/380-381; Car #3675 5-1-09/821-822; Car #3704 6-18-10/1057-1060; Signals 10-31-14/1010-1012; Power plant enlargement 4-17-15/744-749; 3rd tracking of elevated completed 1-15-16/128; Asks for complaints 4-7-17/638-640; IRT & surface Rys at 6th Ave & 34th St and Broadway at 65th St. 10-2-20/630-631; Defaults 3-1-8-22/493; fare increase denied 3-25-22/543; Wants $400M to be bought out by city 4-29-22/727; Strike 9-16-16/484-489 & earlier issues; Enlarging shops 5-3-24/688-689; Shops and lines 8-16-24/238-242; Inspection facilities 8-30-24/305-308; Annual report 11-29-24/939; Shops 3-21-25/440-449; Operations 6-13-25/917-923; Strike 7-10-26/78-80; Hudson River Yard & fire protection 8--12-11/277-279; 59th St. Sta. 10-12-07/632-637; Car #3059? 3-14-08/422-426; Last two steam locos sold for scrap 11-42/126 pix; Wood elevated cars sent to various ordinance plants to haul war workers 8-42/294-295;
International (Ry) Tr. Co (Buffalo,NY): Power plant 2-3-00/103-109; M.U. train 2-28-03/318-319; Snow fighting 3-28-03/478-480; Car#805 8-29-03/349; Car 4006 6-4-04/870; Snow service 2-25-05/363-364; 7-8-05/83-85; 4000 series cars 3-25-05/545-547; Car barn 7-7-06/4-14; Seneca St. sub sta. 2-16-07/268-275; Broadway car barn 3-23-07/497-502; Funeral car 4-1-05/595-596; Car #6000 6-24-11/1112-1114; Reorganized 11-4-11/991-996; Car #7000 single truck 10-5-12/623-624; Track work 8-16-13/263-264; Floods & st. operation in it 5-6-16/858; Birney car 1-1-16/25; Buffalo to Niagara Falls high speed line 3-3-17/378-381 & 8-10-18/226-229; & 7-13-18/??. First year operation hi-speed line 6-7-19/1103; Snow equipment 8 photos 12-18-20/1226; Shop 6-18-21/1114-1118; Strike damaged train 8-26-22/304; Rear end collision at Tonawanda 10-25-24/747; Private car 9-10-27/427-428; Sand operation and car #S-12 1-19-29/121-124; Snow fighting 4-30/231; Worst blizzard in 65 years 4-36/120-122; Car #5183 1-11-08/47-48;
International Transit Co (Sault Ste. Marie) Described 7-4-03/4-6;
Interstate Consolidate RR: (Attleboro Mass) Car jumps in river 2-5-21/277; Car #111 6-26-26/1091;
Interstate Public Service Co (In) Frt business 8-11-17/224-226; "Dixie Flyer" car #150 6-4-21/1026-1031; Frt. operations & box cars #510 series, loco. #605 7--2-21/3-5; Car #150 9-29-23/481; Loco. #606 9-8-23/368-369; Dining cars 12-22-23/1053-1054; ; Frt. train with #605 loco 2-23-24/295-297; Sleeping car planned 2-9-24/216; Portable sub station #222 8-30-24/309-310; 4 car frt. train with #434 9-27-24/505; Sleeping car Louisville to Indianapolis 11-8-24/801-803; Loco. #607 4-9-27/649-650; Safety car 12-31-27/1189; Car #261 2-25-28/321; Louisville Frt. Term./ 9-1-28/335-336; Indianapolis frt. term. 2-23-24/295-297;
Intramural Ry (Chicago Expo) 9-93/596-598; 10-93/670-671; Car disposition 9-94/580;
Interurban Ry.(Mich): Car #1 10-96/614;
Interurban Ry. Co. of Des Moines : w.#101 & loco. #1 6-20-03/896-899; Car #704 2-3-06/212; Parlor car "Iowa" & service 10-8-10/615, 618;
Interurban Ry. Co. of Iowa: New car #704 2-3-06/212;
Interurban Ry. & Term. Co. (Cincinnati) Track scenes 10-13-06/plate 27; Amelia sta. 10-13-06/plate 46; Car #? 10-13-06/plate 39; Frt. service 5-11-18/907;
Iowa & Illinois Ry: Frt. service 10-8-10/624, 626; Davenport frt. Term. 2-5-10/245-246;
Iowa Ry & El Co: Mt. Vernon to Cedar Rapids line 5-16-14/1073; ; Express car #51 1-1-16/48-49; Cedar Rapids hydro electric plant 12-1-17/980-985;
Ithaca St. Ry: 11-17-06/976-977; Car #65 4-2-10/204 adv. page; Report 4-20-12/657-660;
Jackson & Battle Creek Tr (Mich) : Described 1-2-04/11-17; Car #45 5-23-03/774; Shop 1-7-05/29-35; Dispatching system 7-22-05/143-144;
Jackson El. Ry Lt & Pr. (Miss.): 3-11-05/489; Car #56 4-14-06/610; 2-22-08/278-282;
Jacksonville El. Co (Fl) Car #120 4-2-10/189 adv. page; Car #128 12-24-10/1247-1248; 7-10-26/64-65;
Jamaica - East New York : Early horse car waiting to be scrapped 10-8-04/589;
Jamestown St. Ry (NY): Car #30 closed & open car 4-892/206; Mail & baggage car 4-92/238; Car #80 11-17-17/911-912; 4 wheel car 6-4-27/994-995;
Jamestown Westfield & Northwestern Ry: Electrified 6-12-15/1110-1111; Loco. #400 6-14-19; Obs. car #312, #311 5-19-17/907-910; Signals 4-15-16/741;
Jefferson Ave. RR (St.L.) Car #14 10-96/610-611;
Jefferson Tr. Co (Punxsutawney, Pa) Car #3 3-7-03/383; Car #15 9-10-04/378; Indiana County Ry combine #1 6-22-07/1113;

Jersey City & Bergen (El. Ry): Horse car #2 of 1855 3-88/61; 12-92/720-721;
Jersey City Hoboken & Paterson St. Ry: Paterson fire 2-22-02/219; Ticket system 6-6-03/838-839;
Johnstown (Pa) St. Ry: Car #15 10-92/604; Car #106 10-5-01/497; Improvements 12-27-24/1073-1074; Incline plane 101/66;
Joliet & Southern Tr. Co: 3-6-09/402-406;
Joliet Plainfield & Aurora Ry (Il) Car #15 12-10-04/1053; Described 12-24-04/1098-1102; Express car #20 2-11-05/291; Parlor car 4-1-05/620-621; Car #12 8-25-06/302;
Joplin & Pittsburg Ry (Ks & Mo.): Kansas car #106 & 202, V.32 1908/712; Cars #203 & 251 3-13-09/454-460;
Kanawha Valley Tr (Charleston, WV) Car #17 2-24-06/327;
Kankakee El. Ry (Il) Car#25 7-15-11/127;
Kansas City & Western Ry: Car #23 9-8-06/388-389; Frt. service 5-11-18/916;
Kansas City & Westport Belt Ry: loco. #1 2-16-07/290;
Kansas City Cable Ry: Described 1-88/5-7; 2-90/62-63; Car #17 8-90/377;
Kansas City Clay County & St. Joseph Ry: Car #60 9-30-16/569; Frt. service 5-11-18/915; Car #20 1-18-13/120-122; Described 8-9-13/212-221; Block signals 10-10-14/766-768; ; Stations and shelters 1-2-15/32-33; Ditching train 11-30-18/960-961; Frt. service for grain 7-7-17/4-6; Interurban & work cars #63 6-10-16/1098-1099; Car #22 4-22-22/684; Annual report 8-16-24/263;
Kansas City Interurban Central pass. sta. for 5 lines & city trolleys 4-7-23/599-600;
Kansas City Interurban Freight Terminal Co: 5-11-18/915; Serves 4 Rys 11-24-17/943-945;
Kansas City Kaw Valley & Western Ry: Pass. & Frt. operations 9-1-17/352-353; Frt. operations 5-31-24/839-841; Frt. train 9-27-24/506;
Kansas City Leavenworth & Western Ry: Interurban car 11-5-27/888; 3-3-28/355-356
Kansas City Leavenworth El. Ry: 10-13-00/925-926; Car #43 3-12-04/415;
Kansas City Public Service Co: Track laid in concrete 10-25-24/730-731; Rebuilding car 4-16-27/689-690; Car #1130 7-30-27/176-178; Reduces stops to increase speed 11-29/1055-1058; 3-24-28/490-493; Test lab car #067 12-15-28/1031-1033;
Kansas City Ry & Lt Co: Reorganization plan 2-13-15/351; Birney safety cars 3-13-20/532; Described 5-1-20/884-888; Safety car 8-21-20/350-354; Receivership 9-18-20/567; Report 10-9-20/702-705; Recommendations to improve operations 11-6-20/957-961; Pres. P. J. Kealy retires 12-18-20/1269; Default 5-11-18/931-932; Women conductors 10-5-18/617-618; Car house 12-28-18/1128-1131; Newspaper advs.. 7-21-17/100-102; Track work 9-9-16/430-436; Publicity 9-30-16/666-670; Frt. service 8-13-21/242-243; Jackson & 12th St. loop 10-22-21/725-726; 1400 series M.U. cars 3-10-23/401-404
Kansas City St. Ry: New street cars 8-41/271;Map and companies 3-90/112-114;
Kansas City St. Rys (Mo.&Ks) 10-13-00/907-926; Kansas City street rys:
Kansas Oklahoma Tr. Co: Car #25 4-24-15/806;
Kentucky Traction & Terminal Co: Lexington power sta. 11-16-12/1023-1027; Car #306 6-3-22/893-896; New single truck cars #200 8-4-23/179-181; One man package frt. car #36? 8-11-23/210; New cars 9-1-23/327-328; Single truck #200 9-29-23/493-494, 524; 12-1-23/928-929; Track 9-25-26/512-515; Ice car #603 7-31/379; ; Car #311 8-29/738-764;
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Kingsbridge Cable Ry (N.Y.C.) Charter, no pix 4-86/189-190;
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Lake El. Ry (Cleve-Tol.) 5-17-02/610-611; 6-21-02/779-780; Accident on Rocky River viaduct 5-27-05/943; Ltd. service 7-7-06/43-44; Car plans 10-13-06/631; 10-13-06/plate 28 & 33;
Lake Erie & Northern Ry: 5-27-16/986-988; Loco. 10-7-16/730-731; car #245 9-30-16/600;
Lake George Inclined Cable Ry (NY) 10-95/660-663;
Lake Roland Elevated Ry (Baltimore): 12-92/733-734; Car #51 1-94/55 & 2-94/92-95;
Lake Shore El.Ry: Express car 10-13-06/plate 52; Car colors 10-13-06/628; Car plans 10-13-06/632; Block signals 3-16-12/433; Toledo frt. sta. 6-14-30/402; Electric Package Agency 10-1-10/496-497
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Lansing & Suburban Tr (Mich): 2-25-05/344-349
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Lethbridge Municipal Ry: Birney car 1-1-16/24-25;
Levis County Ry (Que): Car #88 & snow 4-3-20/699-703; Rotary snow plow 8-31-18/370-371; ; Single truck cars #69 & 80 6-30-17/1191-1192;
Lewisburg & Ronceverte Ry (WV) Loco. 3-1-19/399 or 389;
Lewisburg Milton & Watsontown Pass. Ry (Pa): battery car 3-23-12/474-475 & 5-31-13/965; Battery car #14 10-4-13/629; Gasoline car #20 4-22-22/672;
Lewiston Augusta & Waterville St. Ry (Me): 1-29-10/176-182; Express car #514 6-26-15/1213-1214; Car #500, 514. Frt. business 3-11-16/486-490;
Lewiston Brunswick & Bath St. Ry (Me) 3 phase electricity & rotary snow plow #6 3-99/155-158;
Lewistown & Youngstown Frontier Ry: Open car 10-97/691 & 200 hp loco. #10 10-97/692; ; Frt. car #10 12-99/892;
Lexington Ry (Ky) : Car #9 1-21-05/137;
Lexington & Boston El. Ry (Mass): 6-2-00/519-527; 10-16-09/875-878;
Lexington & Interurban Ry: Car #111, V.32 1908/992; Bag. & reefer car #600 7-1-11/56;
Lexington Billerica & Lowell Ry (Mass): Car #37 10-5-01/498;
Lima & Ohio Ry: Maumee River bridge 3-27-09/549;
Lima & Toledo Ry: Shop 10-13-06/664; Concrete arch bridge 8-18-06/265-266; 10-13-06/plate 28; Line car #715 2-9-29/249-250;
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Lincoln St. Ry (Neb.) Car bard 2-93/110-111;
Lincoln Tr. Co (Neb): 6-10-05/1045; Car #8001 12-14-12/1203-1204; Power plant using diesel engines 5-10-19/902-905;
Lindell Ry (St.L.) Horse car #5 3-88/62; Car #315 9-91/470; Power house 6-92/334-336; 6-93/356-357; Car interior and Union Depot line 12-93/821; Car #27 3-94/191; Work & various cars 6-95/351-376; 10-96/575;
Little Rock Ry & El. Co: Rebuilding cars 6-18-21/1133-1134;
London & Port Stanley RR: Proposed electrification 9-27-13/505; Electrification 12-26-14/1387-1388; Car #6 7-3-15/27-29; St. Thomas sta. 5-22-20/1059; Car #138 10-12-18/674; Birney car #134 9-24-27/557-559
London St. Ry (Ont.) 10-95souvenir/47-48;
Lorain & Cleveland El. Ry 4-97/230-235; 5-99/265-273; 10-2-09/579-580;
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Los Angeles area st. rys. 7-93/461-467 & 8-93/525-529;
Las Angeles & Mt. Washington Ry : 11-2-09/plate XLV
Los Angeles & Redondo Ry: Described 4-30-04/650-659; 9-11-09/390-392;
Los Angeles & San Diego Beach Ry: battery cars 5--24-13/938;
Los Angeles Cable Ry: Described 3-90/97-102;
Los Angeles Consolidated El. Ry: 12-91/661-662; 7-93/464-466;
Los Angeles Pacific RR: Car #193 6-2-7-03/941; Interior car #723 6-8-07/1038-1039; Frt. term. Bellevue Ave & Buena Vista St 5-6-05/825; 10-30-09/930-936;
Los Angeles Ry: 6-98/303-312; Car house & other things 6-1-01/642-646; Car #262 10-4-02/541; Described 4-9-04/552-560 & 4-16-04/591-602; Private car "Alabama" for pres. H. E. Huntington 6-10-05/1044-1045; Funeral car 7-17-09/110; 10-2-09/569-570 + photo pages; Rebuilding cars #570 & 245 11-21-14/1130-1132; Los Angeles frt. sta. 10-8-10/638, 642; Cars #570 & 633 9-18-15/493-495; Employee records 9-18-15/506-507; Jitney excluded from business district 6-16-17/1115; 2 car trains begun 3-11-22/406; Rebuild 35' cars to 48' 10-22-22/706-707; Car #1531 10-4-24/551; Concrete tie

experience 12-25-26/.1142; Type H cars rebuilt to H-3 4-31/215; PCC cars 5-37/146-147;
Los Angeles Tr. Co: Car #202 3-7-03/382;
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Louisville Consolidated St. Ry: Sprinkler car 2-92/73-74;
Louisville Ry: Car #345 1-17-14/140-141; Power plant 2-21-14/402-408; Shops 8-8-14/244-250; Rebuilds cars for winter use 2-26-16/415; Car house 3-15-24/403-406; Car hit by L&N switcher 1-27-23/185; Fatal accident with L&N train 2-24-23/343; Get cars from 3 builders for tests 6-29/637-640;
Lowell & Dracut St. Ry: Open car 4-91/172;
Lowell & Fitchburg Ry (Mass): 10-6-06/507-508;
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Lynn & Boston Ry: Car #442 10-93/678; Power sta. at Salem 1-94/10-11; 4-95/226-232; 9-98/477-480; Car #200 10-8-04/527;
Macon Ry & Lt. : Car 3-24-28/525; Car #79 & 81? 9-14-07/309;
Madison (Wis) St. Ry: Horse & el. operation 3-93/151-152; Safety car #108 3-12-21/489-491;
Madison Tr. Co: Car #25 7-15-05/119;
Madison & Interurban Tr. Co: Car #43 7-14-06/78-79;
Madison St. Cable Ry (Seattle) 5-93/310-311;
Mahoning & Shenango Ry: Car 302 4-2-10/216 Adv. page; Niles, Oh car house & frt. sta. 7-13-12/57-58; Revised franchise from city 1-11-19/99-100; Car #652 8-16-19/327-328;
Mahoning Valley RR: (Oh) Car #441 12-23-05/11114-96/252; Car plans 10-13-06/630;
Main Street & Lischey Ave. RR First? 8 wheel horse car 5-88/119;
Main St. Ry (Austin, Tx) 5-22-15/978;
Manatee Lt. & Tr. Co: Car #101 5-30-03/806;
Manchester St. Ry (NH) Parlor car 9-98/559; 4-96/223;
Manhattan Ry (NY Elev.) Electrical equipment & power plant 1-5-01/1-47 & 80 insert; Power plant 10-5-01/441-457; Cars #2205 & 2541 10-5-01/466; Experimental train and opening el. lines 1-11-02/64-66, 82-83; New power sta. 74th St 2-1-02/115-120; El. car #192 & open car #142 & drwgs of std. cars 12-6-02/907-914 + insert; Leased by I.R.T. 12-13-02/965; Substation 1-3-03/4-14; 58th St power plant 10-8-04/601-618;
Manhattan & Queens Tr Co: Car 2-14-14/374-375; Patriotic repainted car & crew 5-18-18/991;
Manhattan Bridge Three Cent Line: 9-7-12/381; Car #23 & Ry description 8-22-14/334-338; Car #30 2-10-17/240-241;
Manhattan Beach Ry (NYC) 12-98/809; Manhattan Elevated Ry: 2nd & 3rd Ave 129th St. Terminal & coaling sta. 2-94/82-86; Description 12-98/755-763; Conversion to electricity 3-99/165;
Manhattan City & Interurban Ry (Ks) Motor buses with flanged wheels replace st, cars 3-11-22/419 & 7-8-22/43;
Manhattan Elevated RR: See Interborough Rapid Transit
Manitowoc & Two Rivers Ry: Car #2 11-1-02/769;
Mannington Lt. & Pr. Co (WV) St. cars 11-18-05/928;
Maple Ave. RR (Elmira NY) Car #23 7-6-01/46;
Marine Ry (Coney Island, NYC) cars 12-98/809; opened with duplex cars 4-99/260-261;
Marion City Ry (Ind) Power sta 12-97/857-858;
Market St. Ry (San. Fran.) Operating cable Ry on 25% grade 10-95/658-659; Transporting 65 ton cable with 40 horses 12-95/805; Car on 25% grade 6-96/373; Electric frt. car 5-96/320; electric rys with 1002 & el. frt. car 9-97/527-531; 9-97/527-531; History 6-93/383-392; Construction 3-2-01/267-273; Ferry terminal loop 1-11-19/103; Described 8-14-20/304-308; 7-6-21/49-50; Sinking track 12-23-22/967-969; Crane car #0130 2-24-23/337-338; Open ended car #707 9-25-26/521-522; Car #203 6-14-30/377;
Market St. Ry (Phila) 1873 horse car 3-2-01/311; Steam motor dummy by Baldwin 5-86/252;
Market St. Elevated Pass. Ry. Co: (Phila.) Car #1 10-13-06/567;
Marquette St. Ferres & Park (NYC?) Car pix 11-84/15;
Marquette City & Presque Isle Ry: Convertible car #16 9-19-03/586; Snow problems 2-17-06/282-283;
Marshall Tr. Co (Tx) Car #10 7-10-15/72-73; Car #10 9-30-16/588;
Maryland El. Rys: #37 4-2-10/218 adv. page; Car #37 Adv. in Feb. 1910 issue;
Mason City & Clear Lake El. Ry: 6 car train 11-97/810; Frt service 5-11-18/910; 8-10-12/220;
Massachusetts Electric Co (Boston) Car #93 3-7-03/382; describe w. special car #2007? 5-27-05/941-943; Open car #1643 10-1-10/498-500;
Maumee Valley Ry & Lt Co. Car #100? 12-1-23/929-930;
McKeesport & Wilmerding Tr. Co (Pa) Box car st. car and open car 6-94/382;
Meadville Tr. Co: 7-98/359-361;
Memphis St. Ry: shop 3-2-07/364-373; Traffic, V.32 1908/33-36
Menominee & Marinette Lt. & Tr. Co: Car #41 7-8-05/75;
Memphis St. Ry: Car #200 3-2-12/347-349; Trailer car #801 2-15-13/299-300; Water car 6-28-24/1025; ; Car 8-21-26/330; #615 car 3-12-27/454; Reconstruction 4-4-08/530-533;
Meridian Lt. & Ry: Car #16 4-21-06/638-639; Car #11 6-25-04/973; Car #16 4-21-06/638-639;
Merrimac Valley St. Ry: St. car with 6 wheels 1-92/14; 6-92/352-353;
Mesabe Ry (Hibbing, MN Described 1-10-14/68-75; Shop 8-21-312-313;
Metropolitan RR (Boston) Street car #127 interior 6-86/281-282;
Metropolitan Ry (Toronto) Loco. 1-6-00/38;
Metropolitan Crosstown Ry: 8-92/472;
Metropolitan St. Ry (Ks. City) Car #1054 & 719 10-96/611; 2-98/67-72; Car #624 5-5-00/482-483; Description 10-13-00/907-926; Shop 12-7-01/804-806; Car #415 11-16-01/746; Car #818 turtle back roof 1-28-11/175; Car #640 4-2-10/209 adv. page; Car #818 1-28-11/175; Car #904 10-7-11/665-666; Asphalt delivery car 3-15-13/479; Advertising signs on car sides 12-4-15/1120;
Metropolitan St. Ry (New York City): Lexington Ave cable system 8-94/490-491; Sweeper 12-5-03/902; Kingsbridge power sta. 7-2-04/4-15; 11-94/731-732; Car #190? 12-94/790; Lenox Ave cable car #500 7-95/452; Lexington Ave. system 12-95/777-785; 146th St. power sta. 3-95/168-169; Lenox Ave electric operation success 12-95/801-802; Organization of company 9-96/514-818; Lenox Ave car line 10-96/665; Compressed air motor car #411 8-97/487; Conduit and track construction & car #1231 12-97/825-834; Car #1330 4-98/227; Car #1330 & open car 7-98/401; Double truck closed Brill car drawing 9-98/538 + insert; ; Compressed air car #581 for 28th & 29th St. lines 3-99/188; Proposal for a subway 4-99/230-234; 95th St. power sta. 9-99/581-583; Car #636 2-3-00/144; Single truck open car with parts identified drwg 3-3-00/252 insert; Power sta. 3-3-00/213-226; #599 compressed air car 10-13-00/1019; Cars #1231, 1330, 2303, 2205 & operations 10-13-00/958-965; Open car #779 12-1-00/1174 insert; School for motormen 2-2-01/182-186; Storage battery car #1286 on 34th St. line 8-31-01/112-228; Described 10-5-01/397-424 & power plant 441-457 & car #1330 466; Express service and double truck cars and wagon 3-1-02/245-246; Car #1038 5-10-002/593; car #1825, V.32 1908/503-505; Cars #3163, V.32 1908/1500-1503; Car #231 2-20-09/340-341; car #162 & 388 4-2-10/565-569; Car #166 4-2-10/199 adv. page; Car #231 4-2-10/217 adv. page; #388 4-2-10/223 adv. page; Cars 345, 94 & 1205 4-9-210/659, 661, 662; Car houses 4-16-10/688-697; Maintenance Dept. 5-7-10/817-822; Scraper car #14 5-7-10/819 & double crane care #? 5-7-10/821; Car #1 10-26-07/845-847;
Metropolitan St. Ry (St. Louis) Double truck car #326 12-89/390-391;
Metropolitan Tr. Co (NYC) 8-92/469;
Metropolitan West Side Elevated Ry (Chicago): Description and trailer car #128 & #724 motor car 2-95/108-111; 5-95/307-308; At Marshfield Ave. Sta. 4-96/259; 12-98/755-763; 10-99/619-645; Track shifted 8-16-02/223-224; Fire fighting car 6-11-04/888-889; Steel cars 11-26-04/956-958; Improvements 4-22-05/730-738; Shop 7-1-05/4-9; Car #8765 6-15-07/1067-1070; Canal St. sta. destroyed by fire 3-25-22/533; Funeral car 10-8-10/619;
Miami St. (Tr) Co, City of: Birney car #228 2-13-26/283; Battery car #1100 10-30-15/920-921;
Michigan Ry: Steel car 5-16-14/1087-1090; ; 3rd rail 2400 volts 6-19-15/1144-1149; Car 7-7-17/22; Cars 802, 810, 815, 901 12-11-15/1155-1158; Frt. service 5-11-18/ 902. 904. 907; 15 cars of furniture 2-18-28/297;
Michigan & Chicago Ry: 3rd rail 8-29-14/376-378;
Michigan Tr. Co (Kalamazoo) Power house 4-6-01/401-403; (Galesburg, Mich) new cars 9-7-01/296; Car #2 3-12-04/416; Kalamazoo depot & office 11-18-05/912-913;
Michigan United Rys Frt service 10-8-10/602, 605; Jackson frt. sta. 10-8-10/604; Baggage car & sweeper 4-22-11/718; Trailer car 1-18-13/122-123; Maintenance 3-15-13/475-479; Frt. trailer car 2-21-14/420-421; Snow scraper car 2-28-14/483-484; Supply car 7-11-14/82 Car #27 7-18-14/106-110; 5000 volt line 10-2-15/660-663;
Middle St. Sullivan's Island Ry (Charleston, SC) 3-94/175;
Middlesex & Boston St. Ry: 11-12-10/982-986; Norumbega Park 2-21-14/411-414;
Milford & Uxbridge St. Ry (Mass) Car 5-9-25/726; Reorganizing 5-19-28/838;
Milford Holliston & Framingham St. Ry (Mass) 12-7-01/789-794;
Milford St. Ry (Mass): 7-25-03/120-122;
Milledgeville Ry (Ga) Battery car #1 6-13-14/1350;
Milwaukee & Whitefish Bay Ry:(Wis): Steam train #1 & cars 10-93/628;
Milwaukee Electric Ry. & Lt. Co.: Vestibuled care 3-90/105-106; 10-93/630-631; 6-99/339-352; Parade of St. cars 1870s-1900 8-4-00/705-505; Office bldg 7-14-06/58-68; Transmission lines, V.32 1908/692-694; Employee hints 6-12-09/1080-1083l 7-16-10/102-108; Cold Springs shop 2-11-11/204-209; Car #519 4-8-11/642; Car #519 6-17-11/65 adv. page; Sprinkler care J3 8-12-11/289; Sprinkler oil car 9-30-11/538; Shelter sta. 9-30-11/540; Car 1104 & power system 12-2-11/1138-1144; Shop battery car switcher 9-21-12/462; Funeral car #1000 12-7-12/1147-1149; ; Fond du Lac car house 3-15-13/497-501; Car #608? 3-1-13/386; Suburban fare zone 1-24-14/185-186;

#621 & shops 3-21-14/631-637; Shop 4-24-15/786-790; 4-14-17/690-693; : power house 9-8-17/384-386; Zone fares & car #713 9-27-19/613-620;2 car train #1249 5-8-20/954; 3 truck 2 car train 1-15-21/131-135; Shelter sta. next to C&NW sta 3-12-21/508; Weekly $1.00 pass 8-6-21/203-205; 2 car train #705 9-10-21/397; Car #850 11-26-21/933-938; Power plant 4-15-22/633-640+insert; Portable sub station car 9-145-23/409; Service car #D13 3-22-24/463-469; Car #993 8-30-24/313-315; Parlor car "Land O' Lakes Ltd " 8-9-24/199-201; Employees share in profit & loco #13 10-25-24/721-724; Baggage car #200 4-11-25/580-581; New cut off line 4-17-26/679-682 & 1-29-27/219; Car #925 2-19-27/327-329; 6500' cutoff saves 23 minutes 6-18-27/1085-1086; Cars 9-3-27/391-394; 2-25-28/310-316 & 3-3-28/351-355; Builds practice track 6-30-28/1065-1067; Articulated cars 1-7-28/17-20; 8-3-07/156-165; Car #1103 & 1105 8-10-07/218-221;
Milwaukee Lt. & Traction Co. 6-99/339-352;
Milwaukee Northern Ry: Car #75, V.32 1908/180-181; 12-7-07/1103-1111;
Milwaukee St. Ry: Car #200 3-92/169; Car #254 7-92/400; Car #258 8-92/466; 11-92/683-687; Car barn 2-93/84; Described 2-93/101-102; Private car #200 10-93/627; Described 10-93/621-633; Double deck car #251 11-93/767-768; Murray Ave. & Farwell Ave. crossing 9-94/576-577;
Milwaukee Wawatosa Motor Ry: Steam dummy train 10-93/631-633;
Mineola Hempstead & Freeport Tr: 6-28-02/800-802;
Minneapolis & Northern Ry: Gas car #1 6-28-13/1171;
Minneapolis & St. Paul St. Rys: 2-93/102-106;
Minneapolis El. St. Ry: Described 9-81/457-463;
Minneapolis Lyndale & Lake Calhoun Ry: Car "Calhoun" 2-86/142; Van Depoele electric Ry system 9-86/425-427
Minnesota Northwestern El. Ry: Uses gas el. cars & Thief River Falls Sta. 6-14-19/1149-1151;
Missoula St. Ry (Mt) Car #8 5-27-11/924;
Missouri RR (St.L.) : Power plant 1-92/15; Fire destroys car shop 4-92/232; 6-95/351-376; 10-96/575-590;
Missouri & Kansas Interurban Ry: :Marguerite" gas el. car 8-18-06/272-273
Mobile & Spring Hill Ry (Ala) 4-94/145;
Mobile Lt. & Ry. Co: 4-94/142-143; Car #103 10-94souvenir/105; Car #44 3-14-03/422; Car #18 2-4-05/232-233; Birney car 7-31-26/207; #37 6-18-27/1123; Car 8-11-28/245; Birney car #67 9-17-27/491; 9-30/558-561;
Mobile St. Ry: 4-94/241-244;
Moline & Rock Island St. Ry: Horse car #66 3-86/62;
Monongahela Pr. & Ry: Homemade loco #594? 8-13-21/246;
Monongahela St. Ry (Pa) Car #1013 7-6-01/52;
Monongahela Valley Tr Co. Frt. house 11-8-18/866-868; Loco #3000 5-14-21/901;
Monongahela West Penn Public Service Co New cars 6-11-27/1036;
Monroeville Bellevue & Norwalk Tr.: Interior car 7-5-02/60;
Montgomery St. Ry (Ala) Summer cars 4-15-05/718;
Montgomery Tr. Co (Ala): Convertible cars 8-19-05/275;
Montreal & Southern Counties Ry: 3-28-14/702-704; Car #606 2-16-18/331; Snow equipment 11-20-20/1064-1065; St. Cesaire - Gramly extension 9--2-16/395-396;
Montreal Harbor Commerce: Electrifies 58 miles of lines 9-11-20/496;
Montreal Park & Island Ry: described & Mt. Royal incline 10-95souvenir/22-24;
Montreal Street Ry: 9-94/573-575; 10-95 souvenir/11-22; Reynolds self loading sweeper car 7-96/441; Car #483 8-99/509; #23 st. sweeper 1-21-05/131; Roofless observation car with tiered seats 8-5-05/203; Car #1101, V.32 1908/215; Car #940 4-2-10/208 adv. pages; Parlor car 10-8-10/572-575; Dump car #63 1-28-11/175; Stores car #3017 1-10-14/88; Hachelaga power sta. 11-9-07/942-947; 2-8-08/208-209;
Montreal Tramways: Car #552 rebuilt 2-20-09/325; Prison car 1-17-14/145; 2 car trains cars #1603 & 1525 2-14-14/367; Youville shop 7-11-14/60-67; Snow flanger #30 12-12-14/1307-1308; Pictures of cars 1890s-1914 12-2-16/1163-1165; Hochelaga power plant 6--8-18/ 1084-1090; 2 car train #1569 3-2-18/402-404; Car #1673 9-29-23/531; Crane car #2 11-17-23/864-865; Car #1900 8-21-26/293-296; Cartierville sta 5-28-27/944; 9-3-27/417-418; Articulated car #2500 9-15-28/450-454; Aluminum car #2115 4-30-188; Track replacement work 8-41/282-284;
Morris County Tr.: w.car 52 & #5 six wheel 1-12-07/56-58; Completes Madison to Morristown 10-11-13/681; Improvements 5-1-26/763-765; Bus substitution planned 2-19-27/356;
Mount Adams & Eden Park (Cinc.) Incline Ry: Cable car #135 9-88/224-225; 3-92/127-128; 7-94/413-415; Scene pix 2-90/47; 7-94/420-422; rehabilitation 8-36/276
Mount Auburn Cable Ry (Cinc.) :Car #14 & 21 2-88/38; 7-94/423-424;
Mount Clemons St. RR (Mich) Car #1 10-92 souvenir issue/66;
Mount Lowe Incline Ry (Pasadena) 7-93/461-464; 3-5-04/349-355;
Mount Toms Incline Ry (Mass) 9-97/547-548; 8-98/420-423;
Mousam River RR (Sanford, Me) Frt. loco. #1 2-94/97-98; Operations 4-94/217;
Municipal Ry (Seattle) 4-26-13/753-754; Loop line car #147 2-11-28/253;
Municipal Ry of San Francisco: See San Francisco Municipal Ry.
Municipal St. Ry (Monroe, La) Car #24 8-11-17/235;
Municipal Traction Co. (Cleveland) Car #900, V/32 1908/1259; Car #330 or 530 4-2-10/201 Adv. page
Muskegon El. Ry: Scene pix 8-90/384-385;
MusKogee El. Tr. Co. Car #15 3-18-05/529; Combine #27 10-28-05/817; Car #59 12-29-06/1192; Car #51 4-2-40/206 adv. page & 4-16-10/712; Car house 11-8-13/1010-1012;
Mutual Lt. & Water Co (Brunswick, Ga) Car #3 4-2-10/205 adv. page;
Nantasket Beach El. Ry. 7-95/459-460; 3rd rail experiment 7-96/435-436;
Narragansett Pier Ry: Car #12 10-5-01/510;
Nashville - Gallatin Interurban Ry: Described 8-2-13/172-176
Nashville Interurban Ry: Car #200 10-29-10/rear cover; Signal & car #1 10-4-13/611
Nashville Ry & Lt. Co: Cars 8-13-27/271-272; Shop 9-14-07/384-387; Cars #120 & 400 8-1-03/174; Car #416 9-2-05/353; Car #425 9-22-06/448;
Nassau County Ry: 11-19-21/907;
Nassau El. Ry (Brooklyn) Welding car #21 7-94/460; described w/#619-95/567-568; shops 4-98/182-184; special cars business car #182, parlor car "Pontiac" , tower car, 11-98/704-707;
Naumkeag El. Ry: 3-89/53
New Bedford & Onset St Ry: Dispatching signal 2-20-09/341-343;
New Castle Tr. Co: Convertible car #302 9-1-00/843-844;
New Hampshire El. Ry: Cinobie Lake Park 2-24-06/312-317;
New Haven & Shore Line Ry: Trolley line closed for 4 years to Saybrook reactivated 9-6-24/343-345; Maintenance 3-21-25/458-460;
New Haven & West Haven St. Ry: Power sta 2-93/72-75;
New Haven St. Ry: Power sta. 8-94/494-495;
New Haven Tr. Co: Portable substation 8-26-05/302-303;
New Jersey & Hudson River Ry & Ferry: Described w.car #139-1-00/836-838; new cars 1-5-01/82-83;
New Jersey & Pennsylvania Tr. Co: Desires to enter Trenton 8-23-02/259 & 11-8-02/793-794; 4 wheel car #217 1-28-05/170; Car #3 for New Hope & Lambertville Ry 3-4-05/451; Open cars 5-6-05/840-841; 11-20-09/1048-1051; power plant 12-04-09/1130-1133;
New Jersey El. Ry (Secaucus) Car #7 8-95/495-502;
New London St. Ry (Ct.) 2-97/105-107;
New Midland Pr. & Tr. Co: Cambridge, Ohio sta. & lighting 3-7-16/537
New Orleans & Carrollton Ry: El. cars 3-93/178; power sta. 5-93/283-285; 5-94/301-305; 10-94 souvenir/37-40; 100# rail w.car #192 6-2-00/532-534; 11-2-01/661-669;
New Orleans City & Lake Ry: Car #26 3-88/61;
New Orleans Public Service Co: Belt line abandoned and thru routes established 5-26-23/885-887 & 6-9-23/961-964; Canal St. lines rearranged 6-2-23/925-927; Track rebuilding 5-17-24/773-776; Car maintenance 6-21-24/969-971; Broadens track gauge 4-3-26/585-588; 4-10-26/631-634; track maintenance 4-17-26/664-668; Car #1000 2-11-28/263; Track without ties 3-30/154-157;
New Orleans Ry. & Lt. Co.: Proposed changes to reduce Canal St. congestion 8-23-02/248-250; Car #917? 2-7-03/240; Power 6-18-04/920-926; D.C. catenary 3-10-06/392-393 & 3-10-06/302-303; Cars #311 & 234? 6-2-06/847; Training school 6-2-06/849; Car #328, V.32 1908/1570-1571; Car #373 1-14-11/84; Spanish Fork Park & Sta. 7-20-12/91-92; Trailer for single truck cars 9-14-12/405; New cars 2-6-15/270-274; Power sta. 12-7-07/1082-1094; Shelter sta. 2-15-08/257-258;
New Orleans Tr. Co: 4-94/247-249; Car #50 Crescent City RR Co. 9-94/544; car #30 1-95/15;
New Platz & Walkill Valley RR (NY) Snow plow 4-99/220-221; Car #9 3-3-00/240-241;
New York & Brooklyn Bridge RR 7-90/329-332; 4-93/206-208; 5-93/282; Conversion to electricity from cable & steam loco 3-96/164-165; Steam car 10-96/661; 2-97/59-80;
New York & Harlem : First street car "John Mason" 1840 4-85/120; 9-92/537-538; First street RR in the world 1-93/10-12 & 2-93/90-91; Traction line of N.Y. Rys 2-7-20/305 & 3-18-22/441-445; Converting to buses 12-34/458-462;
New York & Long Island Tr. Co: Car #37 6-24-05/1106;
New York & New Jersey RR: Kinetic Motor Car #2 tested on New city Br. 6-97/366;
New York & North Shore Tr. Co 12-24-10/1226-1232
New York & Port Chester Ry: Proposed 12-7-01/829-8423; Acquired by New Haven RR 11-2-07/933;
New York & Queens County Ry: Described 8-22-03/250-256; Car #310 2-4-05/233-234; Special car for 4' floods 1-30-26/189-190; Shop 4-4-08/546-553;
New York City horse car lines: Last line changed to battery cars 7-15-16/103;
New York City Ry: !/8 scale model of Metropolitan combination car 11-11-05/896; Development and usage 10-5-01/373-396; Steel car #2971 11-4-05/851; First all steel trolley car #2356 7-29-05/166-168; 42nd St. car barn

burned 3-24-06/473; Car barn 7th Ave & 145th St. burns destroying 317 trolley cars 4-13-07/654-655; 166th St. car house 2-8-08/205-207;
New York City street Rys: 8-92/469-472 & 9-92/537-540
New York City Subway & Independent Line : (See also IRT, BMT, .) Speed and power consumption, V.32 1908/6-11; Subway problems caused by Mayor Hylan 2-14-25/253-256; Concreted track 2-2-29/203-206; Twin subway car #159 6-31/294-297; Independent Subway approved 3-28-25/517-518; Opened in Bronx 8-33/239-240; 8th Ave. subway opening 9-32/371-382 & 2-32/68-72; Rapid transit cars for Independent subway 7-36/242-247; 6th Ave, subway opened 2-41/51-53;
New York Eighth Ave. RR: Shop at 155th St 5-31-24/849-852;
New York Elevated RR: 155th St. viaduct 5-92/269-270;
New York Municipal Ry: Frt. loco. 7-23-21/141; Cars 6-6-14/1261-1267 & 6-13-14/1327-1333; Cars 12-26-14/1376-1381; Brakes 5-8-15/872-880; Car #2005 9-30-16/579
New York Rys: Stepless car #5000 3-16-12/418-422 & 4-20-12/646-652; Double deck car #6000 8-10-12/210-214 or 216 & 8-17-12/253; Stepless battery car #7000 11-23-12/1057-1060; Car #5000 10-4-13/561. Car #6000 10-4-13/570; Car #7006 10-4-13/632; Snow sweeper #050 2-13-15/320-323; Car lighting 3-27-15/614-618; Car #1899 3-16-18/529-530; 8th & 9th Ave lines 1 man cars 6-24-22/1002; Car #288 12-30-22/1009-1011; Convertible car #4159 7-24-26/141-142; Battery car #701 9-30-16/645;
New York Rapid Transit: (See also Interborough Rapid Transit and Brooklyn Manhattan Transit) Plans for subway & cable cars on Broadway 12-91/676-680; Subway proposals 12-99/873-881; under construction 10-5-01/425-433. The magazine had many articles on congestion in New York City in 1903 issues; Triplex unit cars 1-7-28/37; Supply car #5003 4-30-/227; Coney Island shop 7-2-27/20-22;
New York State Rys: Portable sub station #02 9-7-12/376-378; Concrete poles 3-15-13/502-504; Rochester car #857 4-5-13/644-645; Std. shelter sta. 12-27-13/1321; Utica line signals 4-11-14/836-838; Utica line derrick car #1998 5-9-14/1044; Open car #26 converted to closed Rochester lines 8-1-14/216-218; Rochester line 9-26-14/564-567; Rochester train operation 4-17-15/752-753; Car #1300 Rochester line 4-22-16/764-767; Car #1200 12-16-16/1234-1236; Utica line 4-6 car trains #52 2-10-17/256-257; Syracuse Div car #1008 3-3-17/400; Rochester shops 6-1-6-17/1082-1083; Rochester remodels 150 cars, #508 4-20-18/773; Handling pass. at Kodak Park works, Rochester 5-1-15/838; Rochester frt term. 4-23-21/762-765; Car evolution open cars, #26, #1404, #37 5-28-21/994-996; One man car 1-28-22/156-159; Rochester Div. motor flat car #0211 6-17-22; Rochester line Charlotte Bathing Beach on Lake Ontario terminal 11-11-22/771-773; ; Rochester lines Sea Breeze amusement park 1-27-23/157-159; Rochester horse car #100 8-14-26/270; Car. #1200 9-30-16/570;
New York Westchester & Boston Ry: Cars 3-30-12/492-499; Ry opens 5-25-12/863, 864-869; ; track sta & bridges 6-8-12/956-962; catenary 6-15-12/1004-1011; Signals 7-20-12/80-89; Shop 12-14-12/1186-1190; Maintenance 1-31-14/220-224 & 2-21-14/394-397; Signals 3-20-15/561-565; Catenary maintenance & tower car #401 3-17-17/472-477; Car maintenance 6-12-20/1193-1199; 2-11-28/235-240; Cars 9-30-16/587; To abandon 12-37/492-494; Acquired by the N.Y. N.H. & H RR 11-2-07/933; Threatened abandonment 12-37/492-494;
Newark & Granville El. St. Ry 10-2-09/572;
Newark & Marion Ry 9-25-09/456-461;
Newark & South Orange Ry: Power sta. and car "Judge Krueger" 10-94/603-604; Roadway sprinkling 9-95./607;
Newark & Zanesville Ry: Ltd. trains with sleeper & parlor car 2-4-05/203;
Newark Pass. Ry (NJ) Operations 2-92/79-81;
Newburg El. Ry: w.car #52 2-96/89-91; Frt. transportation 6-97/348;
Newport News & Hampton Ry Gas & El Co: Converting summer car to year round #149 6-19-20/1266;
Newport News & Old Point Ry. & El.Co: parlor car "Old Point" 3-24-00/263;
Newport St. Ry (RI) Snow problems 2-99/93;
Newton & Boston St. Ry: Power sta. 4-93/211-212; 9-98/483-484;
Newton St. Ry (Ma): Open car 7-92/405; Car #36 1-99/56; Norunbega Park 7-9-04/64-70;
Newtown El. St. Ry:)Pa): No longer cars mail 11-25-05/959;
Niagara River area el. rys: 10-97/585-611;
Niagara Falls & Lewistio Ry: 10-95/630-633; 10-97/597-611; 5 years experience 9--1-00/807-810;
Niagara Falls & Suspension Bridge Ry: Ruggles rotary snow plow #2 10-96/644; 10-95/629-630; 10-97/593-597-611; car #20 10-97/692;
Niagara Falls Park & River Ry: 9-93/586-587; 10-95 souvenir/41-45;
Niagara Falls St. Ry 10-95/624-630;
Niagara Gorge Ry: Pres. McKinley on car 9-21-01/330; Ice damage 5-1-09/824-825; {photo of Pres. McKinley in car 9-38/325;
Niagara Jct. RR: Loco. #7 12-8-28/1021; Loco. #9 10 or 11-37/444;
Niagara St. Catharines & Toronto Ry: 9-7-01/284-286; New cars 1-30-15/246; Loco. #15 5-30-25/853-854;
Ninth Avenue Elevated Rr (NYC) : Daft Ry motor car "Franklin" tested 12-88/347-348'; 8-92/472;
Norfolk & Atlantic Terminal Co: "Florida" car 8-17-01/192-193; 9-7-01/243-250;
Norfolk & Bristol St. Ry: Car #30 12-8-06/1099;
Norfolk & Ocean View Ry: Parlor car "Ocean view" 1-96/37; 1-97/14-15; 6 car train 7-97/433;
Norfolk & Portsmouth Tr. Co: Portable sub station car #1 4-30-10/786-787; Power plant 7-13-07/52-56;
Norfolk & Southern Ry: Car #50 7-20-07/108-109;
Norfolk St. Ry (Va) 2-95/106-107;
Norfolk Suburban St. Ry (Mass) 9-98/485-486;
Norfolk Western St. Ry (Mass) 9-99/553-558;
Norristown & Bridgeport Ry: Car #104 1-94/51;
North & East River RR (NYC) 9-92/539-540;
North Beach & Mission St. Ry (San. Fran.) 7-93/453;
North Branch Transit Co (Bloomsburg, Pa); Rebuilts single truck cars #1 2-24-23/327, 328;
North Chicago City Ry: Horse car #250 pix 12-84/48; La Salle St. tunnel 9-86/430-431;
North Chicago (St.) Ry: LaSalle St. tunnel under Chicago River 2-92/68; Steam motor car #12-92/72; El. underground conduit 3-92/135; Car #845 7-95/478; 12-92/xxx & 12-93/34-41; car #972 10-96/615-616; Loop 2-97/115; Compressed air car 6-99/414; shops 9-99/562-565; Car #650? & 917 10-99/632; Cable car #769 pix 11-41/439;
North Hudson County Ry (NJ) Hoboken viaduct 5-93/273-274; Loop line at Hoboken from 14th St. 12-93/785-786; double truck car 1-97/59; Weehauken viaduct and elevator 3-92/131-132;
North Jersey St. Ry: sprinkler car #0207 8-99/546; Snow plow #01 8-4-00/705; Newark car house 12-1-00/1176-1178;
North Shore RR Co. of California: Car #103 & 506 5-16-03/746-747; Described 1-2-04/4-11 & 1-9-04/56-68;
North Side RR(Ft. Worth) 6-94/369-370;
Northampton Transit Co: Car #30 at a stone sta. 9-29-33/473;
Northeastern Oklahoma RR: Recently electrified 5-7-21/8420844; Loop at Miama, Ok. 11-5-27/859;
Northern Central St. Ry (St.Louis) Horse car #23 8-86/377;
Northern Ell Ry (Oh): Car plans 10-13-06/633, 634; Car #100 10-13-06/plate 37; 10-2-09/564-565+photo pages;
Northern El. St. Ry (Scranton) Cars #106 & 101 7-6-07/40-41; ; 3-21-08/448-454; Car #50 12-17-10/76;
Northern El. Ry (Cal.): Car #125 design, V.32 1908/735-738; Substation, V.32 1908/1249-1250; 82 ton loco & baggage car #1010 6-10-11/1011-1013; Proposed extension 4-5-13/623;
Northern Illinois Lt & Tr. Co: Hydro electric power sta. 2-24-12/300-303
Northern Indiana Ry: Car #301 11-5-10/100 adv page; Car #351 6-30/53; Car #301 9-21-07/435;
Northern Ohio Traction & Lt. Co.: Car #330 6-13-03/885; 10-13-06/plate 32 of viaduct; Car #33, V.32 1908/286-287; Convertible cars 6-128-10/1072; Express car #5 for autos 4-19-13/721; Portable sub sta #2 8-16-13/261-262; Power plant 8-30-13/336-338; Kenmore shop 10-18-13/878-882; Way sta. 10-24-14/973; Car #86 11-18-16/1050-1052; Akron office and term. 3-9-18/465; Express car #5 3-1-19/398; Akron term. 4-5-19/680-683; Operations in Akron 8-14-20/309-310; 9 car train of baseball fans 11-27-20/1094; Massillon car house 4-9-21/685; East Akron shops 11-12-21/852-855; Cars 2-4-22/194-195; Akron viaduct 11-18-22/809; Car #1513 9-29-23/524; Shuts down in Akron due to expiration of franchise 2-2-24/192 & 2--9-24/201-202; Akron service resumed as council gives in 3-1-24/330-334; Akron frt. house 8-14-26/261; Modernizes cars 11-30/26/930; Canton, Oh service 12-4-26/1001-1006; Maintaining 6 #600 cars 6-11-27/1041-1043; Reefer cars for Willshire hams 2-7-25/221-222; Frt service 5-11-18/913. 914; Electric Packawan Agency 10-1-10/496-496;
Northern Texas Tr. Co: Car #7 6-7-02/744-745; Car #10 10-4-02/549; Described 7-18-03/82-91; Cars 14 & 17 4-23-04/639; Car #120 11-26-04/960; Car #86 4-2-10/203 adv. page; Car #210 4-2-10.188 adv. page; Car #21 10-21-11/925; Car #306 6-18-16/1071; Fort Worth flood operations, 40" deep 5-27-16/1009-1010; 9-22-17/472-477; Weed car 12-15-23/1014; 10-18-24/673-682; Car #30 6-26-26/1108; Service 8-7-26/212-214; "Crimson Ltd" 6-27-25/1015-1016; Non stop Ft. Worth-Dallas in 34 minutes 2-5-27/246; Car #260 10-29-27/847; Fort Worth cars 11-19-27/932; Weed burner car 11-9-07/952-953;
Northwestern Elevated Ry (Chicago): 12-98/756-763; power sta 7-99/452-454; Terminal track plan w.#110 10-99/639.642-645; Water St., V.32 1908/511-1512; Extension to Willamette, Il 4-13-12/621; ; Extension north of Evanston on CM&StP line & takes over Mil.RR frt. service on el. line loco. #5-104; 4-2-21/637-639 ; Extension to Evanston 5-23-08/842-849;
Northwestern Gas & El.Co. "Walla Wall" #3? & 4 12-15-06/1122;
Northwestern Pennsylvania Ry: 2 car train & car #104 "Edinmere" 10-11-13/695; Opens Erie Pa. frt. terminal 1-15-21/141

Norwich & Westerly Ry (RI) 4-13-07/631-636;
Norwood Canton Sharon St. Ry (Mass) Open car #$9 9-16-05/419;
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Oakland RR (Cal) 7-93/456-457;
Oakland Antioch & Eastern Ry: Loco. #103 6-15-12/1048; Described 4-19-13/7236-728; Scene 1904013/610; Car #1024 10-11-13/696; Loco. #105 4-4-14/785-786; Car ferry "Ramon" 1-16-15/133; Signals 5-18-15/536-538; Reorganization plan 1-12-18/103;
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Observatory Hill Pass. Ry (Pittsburgh): El. car #4 3-88/64; 6-88/139-140; Car #1 7-89/184-185;
Ocean El. Co:(L.I.) Cars #15 & 20 4-8-05/672-673; Car #3 4-28-06/685;
Ocean Shore Ry (Cal) 12-30-05/1146-1147;
Ocean St. Pass. Ry (Cape May, NJ) Car #2 8-8-03/209;
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Ogden Logan & Idaho Ry: 1500 volts and loco. #901 11-27-15/1073-1074;
Ogden Rapid Transit Co: Car #103 9-10-10/65 adv. page; ; :Loco #6 10-22-10/67 adv. page; ; Described 11-12-10/986-987;
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Pittsfield El. St. Ry Collision of St. car with carriage carrying Pres. T. Roosevelt and Gov. of Mass. 9-13-02/348-350;
Plymouth & Kinston St. Ry (Mass) car 10-89/289; snow plow 1-95/73
Point Defiance Tacoma & Edison? Ry (Wash) 5-93/309-310;
Point Shirley St. Ry (Mass) Gas el. car 10-22-10/881; Gas car #2 10-28-11/959; ; Battery car 8-11-17/237;
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Port Arthur (Can) El. Ry: 10-95souvenir/49-50;
Port Arthur Tr. Co: Car #104 4-2-10/215 adv. page; Plow car #2 3-4-16/465;
Portland & Lewistown Interurban Ry (Me) Described 9-25-15/618-621;
Portland Cable Ry (Or) 5-93/297, 302-304;
Portland City Pr & Lt Co: (Oregon): club room, V.32 1908/583; Oak Park 1-30-09/180-182; Car #588 4-2-10/201 Adv. page; Shop 7-26-13/130-135; Car #334 2-7-14/316; Car 1134 7-25-14/156-157; Articulated cars #100-101 10-24-14/948-949; Car #341 9-29-17/586; Clackamas River new bridge 4-14-23/639-640;
Portland Consolidated St. Ry (Ore) 5-93/292, 301-302;
Portland El Pr Co: Street paving 12-17-27/1098-1099; Cars modernized 8-20-27/298-300;
Portland Eugene & Eastern Ry (Or) (Sou. Pac. RR): 1-25-13/156-157 Described 2-14-14/359-361; Car #920 7-11-14/85; Extension 8-11-17/216-219;
Portland Grey & Lewiston Ry (Me): Loco. 10-21-11/924
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Portland Ry (Ore): Car #205 5-21-04/777-778; Described 12-31-04/1134-1145; Car #603 3-9-07/432-433;
Portland Ry Lt & Pr (Or) Loco. #1404 12-21-07/1180-1181; Clackamas River bridge 5-9-08/790; 10-2-09/546-550+photo pages;
Portland Street Rys (Ore): 5-93/307-308;
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Portsmouth El. Ry (NH); Snow handling 1-26-24/138;
Portsmouth Public Service Co: Car #506 6-25-27/1133-1135;
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Prescott & Mount Union Ry (Az) 3-3-06/362; New cars 3-3-06/362;
Presideo & Ferries RR (San. Fran.): Cable 4-86/187, 188; history 6-93/392-393;
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Prospect Park & Flatbush Ry: 5-92/275;
Providence & Danielson Ry (RI) Frt bus. 11-9-12/995-996
Providence & Fall River St. Ry: Foreclosed 10-13-17/679-680;
Providence Cable Ry: Grip car #3 3-90/117; Power sta. 5-91/227-229; 4-95/250-251;
Providence Warren & Bristol Ry: Described w/#3705 3-1-02/255-257;
Public Service Ry. Co. of N.J.: Advertising map 7-2-04/26-27; Montclair car shop 12-10-04/1036-1049; Belleville Ave. car barn 1-14-05/80-83; Plank Road shop 7-22-05/132-141 & 9-2-05/340-348; Dunellen terminal 3-16-07/452-455; Turntable at Hoboken for single ended cars 3-23-07/492-494; Plank Road shop 6-1-07/937; Pay as you enter car, V.32 1908/903-905; Hoboken term. 8-7-09/204-208; Car #2000 1-15-16/114-116; Car #1901 2-12-10/272-274; Car #2195 4-2-10/198 adv page; Annual report 6-4-10/967; Business car "New Jersey" 6-11-10/1022-1023; Newark office 12-24-

10/1223-1224; Special issue - all photos on coated stock 10-7-11/555-638; 2 car trailers & car #240 10-5-12/602-605; Newark Trenton high speed line 9-20-13/455-459; Signals 10-4-13/607; 2 car train tested in Newark 10-25-13/917-918; Business car "New Jersey" 12-27-13/1318-1321; Service car #6020 9-5-14/442-444; Safety promotion 10-10-14/762-764; Newark term. 11-28-14/1190-1192; Car #1095 6-19-15/1171-1172; Park Place, Newark term. 4-29-16/817 & 5-13-16/890-894; 9 cars a minute 7-29-16/172-179; Essex power plant 6-9-17/1040-1044; Public relations & Adv. material 6-16-17/1085-1087; Palisades Amusement Park & Edgewater Term. 10-5-18/619; Zone fares 9-27-19/637-644; Newark term. fare collection 4-21-17/734-735; Terminal garage 11-17-17/902-903; Operations at Camden and Gloucester 11-23-18/919-922; New 2 mile line east side of Newark to boat yard 10-26-18/734-739; 2 car trains & #4500 trailers & 2240 motor cars 2-12-21/319-321; Southern Div. improvements 3-5-21/434-437; Snow removal car #5208 9-8-23/357-359; Car #4190 former open 5-24-24/816; Track extension on Wash. St, Newark 8-28-26/337-339; Car 2339 one man crew 3-7-25/363-365; Car #2805 bucket seats 1-22-27/170; 1927 financial results - buses profit, cars no 4-7-28/597; Track maintenance 7-21-28/86-89; Buses substituted on some Paterson lines 6-30/315-317; Subway and new 4.5 mile line to north city line nearly completed 8-34/248-250; Equips 3 buses to run on tracks of Trenton-Elizabeth fast line 7-34/239; Overview of the company 2-37/37-51; 5-2-08/714-723;

Pueblo El. Ry: 2-11-28/231-233; 6-5-26/970;

Puget Sound Electric Ry: Large crowd handling 7-23-04/135; Locomotive #627, V.32 1908/920; Frt. service 10-8-10/636, 638; Train orders & hoops 7-15-11/114; Puyallup sta. 6-8-12/971; Car #600? 11-30-18/973; 10-2-09/540-545+photo pages;

Puget Sound Tr. Lt & Pr Co: First time shut down by snow storm 2-12-16/329; Car #4 & safety program 1-8-16/70-74; Birney car #142 9-22-17/491-496; Cars 150 & 167 & operations 9-28-18/556-557; Buses to supplement cars 5-18-15/570-571; Car #707 10-31-14/1022; Rebuilds cars #4 & 61 10-24-141/974; Cable Ry line 6-21-13/1108-1109; Sight seeing car #335 11-9-12/999;

Quebec Montmorency & Charlesvoix Ry: 8-99/495-502;

Quebec Ry Lt Ht & Pr Co.: Annual report 12-14-12/1209; Traffic development & car #202 and loco. #6 5-23-14/1130-1133; 5-27-22/855-858; Shops 3-10-28/388-391; Montmorency Div. 11-16-07/980--984;

Queen City Ry (Dallas) w.car #116-94/372-373;

Quincy (Il) El. Ry: 3-91/130-131; Car #105 3-4-11/387; #110 single truck car 10-21-1916 or 1917/864; Car #112 9-30-16/574;

Quincy & Boston St. Ry (Mass): 9-98/490-491;

Quincy Horse Ry & Carrying Co (Il) 4 wheel cars 2-9-07/256;

Quincy St. Ry (Mass) Snow storm 4-92/245;

Rainier Ave. El. Ry (Seattle) 5-93/316;

Raleigh Springs St. Ry (Tn) 7-94/477;

Randallstown Granite & Harrisonville Rapid Transit Co (Md) Barrows el. car 9-94/589;

Rapid Ry (Mr. Clemons, Mich) 1-96/8-9; open & closed car 7-96/432; 1-99/2-8;

Raritan Tr. Co (Perth Amboy, NJ) Car #301 1-5-01/80;

Reading Transit (& Lt.)Co: Power plant 11-19-10/1016-1026; New 3 mile line 9-13-24/382;

Red Bank & Long Branch Ry(NJ): 9-96/505-509;

Rhode Island Co: Prov. & Danielson frt. business 11-9-12/995-996;

Rhode Island Suburban Ry: Shops 4-6-01/404-405; Power house 3-1-02/287-291; Car barn 4-5-02/399-401; Shops 5-3-02/526-529; Power sta. 2-20-04/286-291; Cranston car house 9-28-12/481-484; Providence shop crane 12-21-12/1226-1227; Express & Frt. traffic 3-29-13/574-577; Improvements and car #1822 7-12-13/56-62; Frt. 5-25-18/1002-1005; Finances 11-3-17/815-819;

Richmond & Chesapeake Bay Ry: concrete viaduct at Richmond 3-30-07/540-542; 3-7-08/364-375;

Richmond & Petersburg Ry: Car #1 12-7-01/848;

Richmond City Ry (Ind) snow plow 1-95/72; Car #13 2-3-00/142;

Richmond Lt. & Ry Co: Power sta. 10-4-02/584-585; Car #306 6-1-18/1060;

Richmond St.. Ry: On Church Hill 8-88/198-199;

Richmond Tr. Co: 1-97/39-40;

Richmond Union Pass. Ry Described & car #30 6-88/142-148;

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Riverside Park El. Ry (Sioux City) Trestle 7-91/348;

Roanoke St. Ry: 11-94/722-724; Cars 11-6-26/869

Rochester & Eastern Ry: Described 1-16-04/90-99; Dispatching 5-21-04/762-764; plows 4--8-05/665;

Rochester & Manitou Ry: Car #41 5-4-12/763;

Rochester & Sodus Bay Ry: Car #70 & combo car #50 & 90 7-7-00/655-656; Snow storm 4-12-02/454; Portable substation car 11-2-07/906-907;

Rochester & Syracuse Ry: Raising a 500 ton concrete culvert 4-16-21/733; Subway to be laid in canal bed 12-9-22/908-909; Builds line in old Erie Canal 2-3-23/197-199; Car #112 6-11-27/1044; Subway improvements 1-26-29/163-164; Subway 3-16-29/422, 425;

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Rochester El. Ry (NY) : Power house 3-92/132-134; Car #221 pix 10-92 souvenir issue/48;

Rochester Ry (& Lt.)Co: Power house 4-91/163-165; Transfer ticket 4-93/257; Rotary snow plow 4-95/268; Employees club room 10-25-02/705; Car shop w.#459 4-11-03/548-554; Car barn 12-2-05/991-994; Car #574 1-7-05/47; Power plant 1-23-09/128-132; Water power sta. 2-20-09/328-330; ; Car #705 4-2-60/205 adv. page;

Rochester Syracuse & Eastern RR(NY): Construction 12-16-05/1048-1054; Newark shop 9-20-13/466; 9-25-09/456-461; Catenary 5-22-09/943-944;

Rock Creek Ry (DC) Car #11 & el. conduit 6-93/405-406; 12-94/763;

Rock Island Southern Ry: Frt. service and map 5-11-18/898;

Rockford & Belvidere El. Ry 2-28-03/319;

Rockford & Freeport Ry (Il) Car #125 12-5-03/991;

Rockford & Interurban Ry (Il): Car #803 4-2-10/210 adv. page; Shops 9-2-11/382-383; Car house 4-6-12/560-562; New car 7-30-27/212 & #302 10-22-27/809;

Rockford Beloit & Jamesville RR: 4-25-03/622-626;

Rockland Thomaston & Camden St., Ry: (Me): baggage car #13 3-93/164; Safety gate at steam RR crossing 11-25-05/951; Car #18 1-20-06/124;

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Rome Ry & Lt. Co.(Ga): Car #127 4-20-18/769;

Roxborough Chestnut Hill & Norristown Tr. Co (Pa): Car #3 12-94/799;

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Sacramento Northern Ry: Frt. traffic 5-31-19/1044-1048; Parlor car ex Pac. El. 1-14-22/71-72; Sacramento union sta. 9-6-24/356; Car #26 10-4-24/551; 3 car train 6-14-30/386;

Saginaw Transit Co: Ry & bus operations 4-5-24/531-534; 2-5-27/239-240;

St. Charles St. Ry (New Orl.) 5-94/306-307;

St. Clair Detroit & Rocky River Ry: Open cars 1-3-03/47;b

St. Francois County El.Ry (Mo): 5-26-06/812-815;

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St. Joseph Ry. Lt. Ht. & Pr. Co. 6-2-00/536; Car #122 8--1-14/221;

St. Joseph Valley Tr. Co.: Gas el. motor car #101 4-8-05/671-672;

6-95/347-3765 ; Coordinated transportation proposed 12-25-26/1131-1137

St. Louis & Belleville El. Ry: Car #5 4-99/252-253; Frt. service 5-11-18/911, 914; Loco #550 7-31-26/206;

St. Louis & East St. Louis El. Ry. 6-95/352-353, 360, -376;

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St. Louis & Suburban Ry: mail & express car 1-92/6-7; Car house fire 7-92/404; 10-96/590-592; 6-95; 358-359, 361, mail & express car 362 366, 367, 369; 7-6-01/11-14; 10-8-04/503; Worlds Fair traffic 1-21-05/104-106; Improvements 6-30-06/1008-1010;

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St. Louis RR: Car #2 10-96/581, 588;

St. Louis St. Charles & Western Ry: Telephoning from interurban cars 1-5-01/78;

St. Louis st. rys: Description and map 2-90/56-59 & 10-96/561;

St. Louis St. Ry: Car decorated for world champion baseball team "Cardinals" 10-23-26/781;

St. Louis Transit Co: Car #1703 4-7-00/379; Sweeper and plow #52 11-3-00/1112; Cars 1703, 348, 2083, 2030 & history 7-6-01/2-11; Summer cars 8-15-03/227; Reconstructing Olive St. tracks 12-5-03/978-980; Tracks to the World's Fair 5-14-04/736-737; Described 10-8-04/502-513; Broadway & Washington Ave 10-92/617;

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San Bernardino Valley Tr. Co.: Car #4 4-18-03/601;

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San Diego & Old Town Ry: El. train in 1887 5-98/264;

San Diego Cable Tramway: Described 7-91/337-340;

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San Jose El. Ry 1-89/4-5;
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Seattle City Ry 5-93/315;
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Shreveport Tr. Co. Car #50? 9-30-05/633; New cars 3-16-07/471; Homemade trailer #10 2-27-09/382;
Sioux City St. Ry: 3-93/157;
Sioux City Cable Ry 3-93/158-159;b
Sioux City Tr. Co: Snow sweeper 5-95/339; Advertising car 12-95/794; Track construction 8-98.439-442;
Sixth Ave RR (NY): 9-89/254; 8-92/471;
South Bend & Southern Michigan 12-15-06/1112-1113;
South Brooklyn RR & Term. Co: 38th St & 2nd Ave., terminal 12-13-02/954-955;
South Carolina Pr Co (Charleston) 12-24-27/1140-1143;
South Chicago City Ry: 3-93/162; 10-99/619-642;
South Covington & Cincinnati St. Ry: Dixie terminal 11-12-21/865;
South Fork - Portage Ey (Pa) Car #1 4-26-13/768
South Middlesex Ry (Mass): 9-98/484-485;
South Side Elevated Ry (Chicago) Bridge and train over I.C. tracks 6-93/347; electrification 6-98/331-332; 12-98/755-766; history w.car #15 10-99/618-645; Car #263 12-2-05/997-998; New cars #291 5-19-06/782-787; Car #263 4-2-10/216 adv. page; Extension 3-7-08/376-381; Derailed car falls to street 4-18-08/639;
South Side St. Ry (Cleveland) 10-92 souvenir issue/31-32;
South West Missouri El. Ry: Car #40 10-96/615; 5-99/281-284;
Southeast Ohio Ry: Car #7 10-13-06/plate 36;
Southern Cambria Ry (Pa): Described 9-3-10/354-356;
Southern El. Ry. (St.L.) 6-95/352-376; 10-96/592-593;
Southern Iowa Ry: Car #25 11-7-14/1068;
Southern Michigan Ry: Frt. service 10-8-10/601;
Southern Ohio Ry : Express car 10-4-02/507; Scene with car #315 9-25-26/500;
Southern Ohio Public Service Co:(Zanesville) 3-6-26/396-398;
Southern Pennsylvania Tr. Co (Wilmington, Del) Repair car #50 7-14-28/58;
Southern Public Utilities Co (Anderson & Charlotte , SC) Car #1 7-22-16/144; Cars 7-9-27/51-52;
Southern Tr. Co (Waco, Tx) 151 mile line described 7-4-14/6-10; Car 1-1-16/25
Southwest Missouri El. Ry: 8-4-00/689-695; ; Mine cave in 5-26-06/823; Improvements & car #32 7-21-06/93-99; 9-13-13/423-424; Cars 8-6-27/254;
Spokane & Inland (Empire) Ry: 4-27-07/725-727; Circus train 6-29-07/1177; Hydro plant, V.32 19808/898-902; Spokane sta. & yard 5-8-09/881; Block signals at Spokane River 5-22-09/945; RPO-Bag-Exp car #30 3-12-10/439; Spokane River bridge 12-31-10/1281; Loco. #502 12-7-12/1164; Train 11-9-18/841; Car #231 9-22-17/512-513; Traction problems 11-27-20/1090-1094; Described 10-8-10/634-638, 639-641; Palouse station, V.32 1908/1372; Parks 2-27-09/364-366; Shooshone Fyler & extension 8-31-07/321; Frt. business 10-12-07/664; Loco. A1 8-25-06/294-296; Express car #30 12-8-06/1098;
Spokane Pend D'Oreille Rapid Transit: 1-26-07/135-136;
Spokane St. Ry: Car #18 11-91/612; 4-93/252-255; El. frt. cars 7-94/424-425; snow plow 3-95/150;
Spokane Tr. Co: Car #20 5-27-05/957;
Springfield Consolidated Ry (Il): Car house 11-2-07/909-911;
Springfield St. Ry (Mass) : parlor car 8-96/492; 8-98/415-420; Car house 8-25-17/300-303; Zone fares 9-27-19/628-636; Cars 5-24-24/813-815; Rehabilitation 4-14-28/613-616; Worm drive car 5-14-27/859-862; New cars 10-1-27/599-602; burning old cars 3-31-28/555;
Springfield St Ry: (Oh) Shop 3-20-15/556-560;
Springfield St. Ry (Vt): Carrying trunks on the fenders 5-5-00/479;
Springfield Tr. Co. (Mo) 4 wheel cars 4-28-06/686; Car #65 1906/686; Car #69? 3-9-07/435; Expenses 10-19-12/883-885

Springfield Troy & Piqua El. Ry: Described 7-23-04/120-132; 10-13-06/plate 30; Il & Oh floods 4-5-13/624-639
Stark El. Ry (Oh): 1-7-05/4-16; 10-13-06/plate 29, 30; Express car #7 10-13-06/plate 50; substation 10-13-06/plate 46; Zone tickets & car #20 11-21-14/1163-1164; ; Car #42 9-1-8--26/48; Car #38 7-7-28/39;
State of North Dakota El. Ry (Bismarck) Car #12-27-04/331;
Staten Island El. RR: w.frt. car 5-96/275-281;
Staten Island St. cars: Midland RR resumes service 12-4-20/1163; Fiasco by the city 11-26-27/973
Staten Island Rapid Transit: St. George Terminal 5-30-03/798-800; To electrify 5-17-24/776-777;
Steinway & Hunter's Point Ry: McDougal storage battery car 10-91/509;
Steinway Ry Co (Long Island City) Power house 5-95/303-307; shop 4-96/236-237; Complicated switch & track layout 8-96/494;
Sterling Dixon & Eastern El Ry: (Dixon, Il) Car #21 5-14-04/749; Car #26 1-23-09/146-147;
Steubenville East Liverpool & Beaver Valley Tr. Co. 6-26-26/1101-1104 & 7-3-26/15-17 & 7-31-26/181-184; Weed killing car 12-8-28/1006; Car modernized 9-1-28/339-340;
Steubenville St. Ry: Car #2 4-89/88;
Steubenville Tr. & Lt. Co: Car #29 10-4-02/505-506;
Stroudsburg & Water Gap St. Ry: Car #2 7-13-07/75;
Stroudsburg Pass. Ry: Car #5 12-20-02/998;
Suburban Rapid Transit Ry (Pittsburgh) Daft car 6-89/144-145; Vestibule 4 wheel car 8-90/377;
Suburban RR of Chicago: 9-97/524-526;
Suburban Ry (St.Louis) Fire 3-14-03/423;
Suffolk Tr. Co (Long Is.) Battery car 8-5-11/245;
Sunbury & Selingsgrove El Ry ; Car #104 1-2-09/37-39
Susquehanna Tr. Co (Lock Haven, Pa) Car #10 9-9-05/393;
Sutter St. Ry (San. Fran) History 6-93/393-395; Sutter St. 5-5-06/7323-733;
Syracuse & Oneida Ry: Shop 4--1-11/550-564
Syracuse & Sodus Bay El Ry 9-25-09/456-461
Syracuse & Suburban Ry: 3-97/138-140; Storage batteries boost line voltage 10-14-05/745;
Syracuse Lake Shore & Northern Ry: Catenary 5-22-09/943-944; Replaces 3/4 mile of rail in 21 minutes 11-26-10/1072; Catenary 10-24-14/971-972; 2-15-08/250-252;
Syracuse Lakeside & Baldwinsville Ry: Double deck cars 9-99/577;
Syracuse Northern Tr. Co: 11-4-05/852-853;
Syracuse Rapid Transit Ry: 3-97/129-138; Snow removal 1-28-05/165-166; Description w. cars #14, 31, 86 5-3-02/517-525;
Tacoma & Steilacom: Car interior 5-91/231;
Tacoma Ry. & Pr. Co: 5-93/308-309; Car #26 6-9-17/1055-1056
Tamaqua & Lansford St. Ry: Car #24 3-7-03/384; Car #25 10-10-03/700-701;
Tampa El Co: Car #8 9-28-18/561-563; 1-26-29/161-163;
Tarinton St. Ry: air brakes 9-98/572;
Temple St. Cablle Ry (Los Angeles) 8-93/528-529;
Tenth Avenue Cable Ry (NYC): 2-86/105-106 & 3-86/145-147; Described 1-87/130-135;
Terre Haute Indianapolis & Eastern Tr. Co: Frt. service 10-8-10/598-599, 605; Power sta at T. H. 2-12-10/275-277; Flood 4-12-13/679-683; Car #39 4-2-10/190 adv. page; Plaiunville Sta. 10-8-10/600; ***Loco. #3 9-16-11/463-464; Indianapolis power sta. 3-9-12/382-389; Signals & car #45 10-4-13/613; Frt. term. at Indianapolis 2-1-19/218; Safety cars 6-28-19/1263-1266; Signals 11-17-17/892-896; Begins weekly pass with elephant publicity 5-13-22/789-791; ; Indianapolis frt. term for 4 , largest in world 8-2-24/153-156; ; Safety platform 2-20-26/319-320; Indianapolis frt. term. 9-14-29/936; New el. locos. #196 7-21-28/89-90; Merger rejected 5-30/291; Experiences with Birney cars #460 9-15-23/403-404; Indianapolis Jct. Frt. term. 8-11-17/224-226; Ind. floods 4-5-13/624-639; Frt business 2-2-29/192-196;
Terre Haute St. Ry: 6-94/357-359; Track construction 11-94/729; Double deck car 12-95/794;
Terre Haute Tr. & Lt. Co: 2-4-05/186-187; Extension w.car #119 4-28-06/662-667; Car plans 10-13-06/632;
Texarkana Gas & El. Co: Car #18 8-26-11/363;
Texarkana Lt. & Tr. Co: Car #8 10-5-07/527;
Texas Electric Ry: Car #27 8-13-21/247-248; Advertising 4-24-26/723; Skips dividend 5-1-26/777; New 50 ton loco. 5-30/260; Frt. service & locos 3-9-29/390-392;
Texas Interurban Ry: New line 2-3-23/218-219 & 4-7-23/591-596; Uses M.K.T.Ry track to Denton 4-25-28/647-652;
Texas Transportation Co. (San Antonio Brewing Co.) El. frt. loco. #2 4-99/253;
Texas Traction Co.: Description, V.32 1908/374-382; Car #1 5-09/advertisement page; ; Car #351 RPO car 9-5-14/437;
Third Avenue RR (NYC: Cable cars for 19th Ave. 10-86/473-474; 4th Ave. line julian car #12 9-89/243-245; Cable parlor car 12-89/386-387; Cable construction 9-91/476-479; 9-92/537; Bayard St. power house 2-92/74; Cable car #1, 4 wheel & #201, 8 wheel 3-92/171; Power sta. 4-92/207; Cable track construction in Bowery 8-92/451; Main cable power sta. 10-93/643-646; Inside car 12-94/794; Bayard St. Sta., 7-94/448-449; cable car #118 5-94/290; Starting cable car operation w.car#28 1-94/38-46; Mail cars (no pictures) 8-95/535; RPO cars #C 11-95/697-698; Sand car #21 7-96/414; Car #104 10-96/610-611; Track construction and car #1 12-987/791-794; 216th St. power sta. w.car #21 1-6-00/1-23; Power plant 10-5-01.441, 443, 457; Car #702, V.32 1908/1411-1415; Shops at 2nd Ave & 65th St. 4-3-09/580-587; battery cars 4-17-09/714; Cars #852, 857 5-1-09/828-829; Car #857 4-2-10/199; Battery car #1A 4-23-10/734-736; Battery car 7-23-19/147; Battery car #1151 6-3-11/981; Derrick car 6-17-11/1075; Gas el. car log 9-23-11/490-492, 484; Reorganizes 2-10-12/237-239; Battery snow sweeper 1-20-12/118-119; Car #1129 10-4-13/627, 628; Car #400 2-14-14/350-352; Union Ry. #399 3-28-14/731-732; Belt :Line Ry battery car #1231 with roller bearings 5-2-14/929 or 989 or 999; Union Ry battery car to City Island, NY 9-12-14/482; Coasting of cars reduces accidents and saves electricity 3-20-15/572-575; Converts 50 battery cars to safety el. cars #1263 8-14-20/311-314 & 5-18-18/?? & 8-10-18/??; Crane & flanger car for snow 5-20-22/825-827; Car #699 8-19-22/259-261; Birney #1651 seats 46 6-6-25/877-879; Car cleaning 3-19-27/482-485; Car #1701 4 wheel aluminum 4-30/189; New cars 7-36/233-235; Aluminum, non PCC cars for Broadway line 2-38/56-57 & 7-38/244-245; Gas-el. car #1 11-6-09/988-989; 50 aluminum cars 2-38/56-57; New street cars 7-38/244-245;
Thirty Fourth Ave. Ry: J. Cook's horse car line on 34th Ave 5-93/286;
Tidewater Southern RY: Loco. #160 8-27-21/326;
Tiffin Fostoria & Eastern El. Ry. Car #12 3-24-06/475;
Titusville El. Tr. (Pa): interurban 3-99/140-141;
Toledo & Chicago Interurban Ry: 10-13-06/556-564; Frt. service 10-8-10/600;
Toledo & Indiana Ry: described w. car #8 & 51 10-21-05/762-772; Frt. and pass. train operations 8-4-06/173-176; parlor car 10-13-06/plate 41; car colors 10-13-06/628; power sta. 10-13-06/plate 44, 45; Frt. service 10-8-10/602; Delta sta. 10-8-10/597
Toledo & Monroe Ry: 8-3-01/122-128;
Toledo & Norwalk Ry: Described 3-3-00/227-231;
Toledo & Western Ry: Handling frt. & express 10-4-02/500-507; Frt. business 11-29-02/862-866; Equipment loco #400 & 103 and car #20 12-20-02/978-982; Frt. train development 9-2-05/326-329; Receivership 7-14-06/85; 10-13-06/plate 29; Car colors 10-13-06/628; Substation 10-13-06/plate 45; Frt. service 10-8-10/602, 605; Frt. service & loco. #400 9-18-09/424-426; Frt. train 3-1-19/396; Frt. service 5-11-18/896, 899, 905; Frt. service 11-18-16/1055-1057; ; Sold 3-15-24/451;
Toledo Bowling Green & Fremont Ry: Car #100 "Commodore Perry" 10-96/613, 614 & 9-98/569;
Toledo Bowling Green & Southern Tr. Co: 8-12-05/234-242; frt service 10-8-10/603; Frt. operations 9-1-17/349-350;
Toledo Consolidated St. Ry: Mekarski compressed air motor #204 3-92/136-137; Car #171 with Eickemeyer truck 4-92/208; Transfer tickets 8-93./533;
Toledo Delphos & Burlington: Car #13 2-86/142;
Toledo El. St. Ry: Car house pix 2-92/73; 3-92/136-137;
Toledo Fostoria & Findlay Co: 9-27-02/414-419; Car #22? 5-15-15/947-948;
Toledo Port Clinton & Lake Side : described w.car #20 12-30-05/1130-1138; 10-13-06/plate 28, 31, 34; Car #20 10-13-06/plate 38; Power sta. 109-13-06/plate 43;
Toledo Ry & Lt Co: frt. depot 4-4-03/532; Car barn 5-16-03/738-739; Car #510 8-1-03/172; Union sta. at Toledo 2-3-06/199-201; Construction car #996 11-18-11/1070 & 3-21-14/677-679; Jefferson Ave. &. St. intersection replaced 9-25-20/603; Shut down by city ordinance 12-20-19/970-975;
Toledo St. Ry: Car interior 3-31-17/604; Labor union forces elimination of one man cars 12-9-22/925; 8-23-24/279;
Toledo Tr. Co: Described and car #413 made from two short cars 2-3-00/109-113; power sta. 1-97/9-13;
Toledo Union Pass. Sta.: 10-25-02/704; 2-3-06/199-201;
Toledo Urban and Interurban Ry: Freight house at Toledo, V.32 1908/83; Power sta. 10-13-06/43
Topeka Ry: Reconstruction w. #119, 207, frt. train 11-11-05/879-888; Car #225 4-2-10/206 adv. page; Car #115 remodeled 10-28/??;
Topeka Rapid Transit Ry: 6-89/143-144;
Topeka St. Ry: Car #4 2-1-08/185;
Torinton & Winchester St. Ry: 3-98/151-155;
Toronto Ry: 9-93/569-573; History w.#494 10-95 souvenir /25-28; Swing bridge 9-97/567-568; Car #470 5-95/332; Shops 2-10-06/230-236; Franchise expires .Toronto Trans. Comm. created 3-25-22/505-511;
Toronto & Mimico El. Ry: Double deck car 12-92/729-730;
Toronto & York Radial Ry: Cars 4-27-07/731; Mimico signals and dispatching 6-12-09/1080-1082; Frt. handling 7--3-09/6-10; Snow plow 12-3-10/1119;
Toronto Municipal Ry: Car #117 9-27-13/507; Convertible car #50 12-3-10/118;
Toronto Transportation Commission: Formed 3-25-22/505-511; Track work 4-1-22/551-558; Sweeper #S-24 & other equipment 5-27-22/867-870; New

shops 4-28-23/723-724; Car #2713 6-23-23/1033-1034; Stop spacing changed to increase speed 6--9-23/951-953; Car house 5-12-23/791-793; Car #2713 9-29-23/530; Hillcrest shop 5-24-24/801-804 & 6-7-24/890-896; Automatic rear doors 11-8-24/799; Car #2152 1-16-26/98-102; Car house & terminal 9-25-26/553-556; 4 wheel shifting tractor 3-5-27/421-422; Yard shunter #Y-17 ^ car #2502 9-29/833-835; Peyter Witt cars #2700 rebuilding 8-33/249-250; Loops at ends of car lines 6-38/198-199; Snow plow TP-2 9-37/326-327;

Towson & Cockeysville El. Ry (Md) Battery car 10-4-13/627;

Trans St. Mary's Tr. Co. (Sault Ste. Marie) 7-4-03/4-6;

Tremont St. Ry: Car #1 6-94/381;

Trenton Lawrenceville & Princeton Ry: Baggage car 3-1-02/296;

Trenton Pass. Ry: 9-92/534-535;

Trenton St. Ry: Bascule bridge, V.32 1908/1613-1614

Trenton Tr. Co: Trolley wagon for line repairs 10-94/653:

Tri City Ry. & Lt. Co (Davenport, Rock Island & Moline): 6-2-00/535-536; Improvements 1-5-07/4-7; Reconstruction, V.32 1908/467-470; Described & cars #106 & 401 12-28-12/1264-1270; Car house 5-30-14/1187-1189; 2 car train with #314 9-14-18/463-465; Shop 7-21-17/97-99; ! man cars 10-22-21/727-728; Car #443 repaired 11-13-26/883-884; History 1-23-09/149; Snow plow 2-13-09/284; History 2-13-09/291; Nicolet Ave car house 6-29-12/1104-1108; ; Fire protection for cars 9-21-12/440-441; Car houses at Lake St & Nicolet Ave 9-20-13/467; ; Minneapolis shop 10-11-13/674-676; Tower car #3 & 6 7-19-19/121-124; 2 car train #2000-2000A 2-24-17/353; 2 car train 9-2-22/317-319; Car #2002 9-29-23/498; 2 car train #2004 8-14-26/281;

Trinidad St. Ry: 8-30-02/283

Troy & Lansingburg RR (NY): Car #376 10-91/518;

Troy & New England Ry: summer road 8-29-03/303-304;

Tucson Rapid Transit: Car #6 9-30-16/590; Birney cars #6 1-1-16/21-23;

Tulsa Tr. Co: Car #32 9-4-20/451;

Turner El. Ry (Me) 9-11-20/513;

Twenty Eighth & Twenty Ninth St. Ry 9-92/540;

Twenty Third St. Co: Car #13 1-89/1-3; 8-92/472; horse car #20 10-8-04/562;

Twin City Rapid Tr. Co (Mn) Car house & shop 8-27-04/287-291; w. car #624 5-96/282-283; Equipment & accidents 6-96/346-351; 3-1-02/233-243; Double deck car #1149 10-6-06/504-506; 9-8-06/368-373; substation, V.32/98/542-545

Union Depot RR (St.L.): Car #220 with 6 wheels 7-93/472; Description 6-95/351, 352, 358, ambulance car 362, car #212 6 wheels, 363, 365, car #20 & sprinkler car 369; Car #212 10-96/584, 593-594;

Union El. Co (Dubuque): Car house 11-12-04/871-874; Park expansion 2-29-08/310-313; Buses operated by batteries connect with the cars 11-21-14/1139; Park 2-27-09/360-363 Electric buses (very early use of them) 11-321-14/1139; Car #64 11-27-15/1090; Car 106 4-2-10/206 adv. page; Shops 8-31-07/318-320; Selby Hill Tunnel 9-21-07/421-423;

Union Elevated Ry of Chicago: 9-97.548-550; Loop line 12-98.757, 766-770;

Union Passenger Ry (Phila.): Car #47 8-90/377;

Union RR (Providence RI): Stables 7-91/371-374; 3 phase el. 4-7-00/342-344;

Union Ry (Bronx, NY) 10-5-01/481-488; Line repair gasoline truck 7-30-10/191-192; ; Car #571 on Harlem River bridge 9-23-16/540-541;

Union Ry (NYC) Car #13 first el. Ry on Manhattan 10-92/584; 9-92/540; Power sta. 12-92/722-723; Car #621 11-12-04/889; 4 wheel closed car 3-94/159; Car barn 8-94/485-487; Car #399 9-30-16/567;

Union St. Ry (Dover,NH) Snow plow car 6-93/397;

Union St. Ry (New Bedford, Mass.) Car house 8-23-13/292-298; Sand car #46 1-26-18/189; Car #500 4-12-24/575-576; Work car #S-77 4-19-24/609; Rail-bus operation 5-31-24/844; Rebuilt cars 6-25-27/1138; Higher speed 3-23-29/475-477;

Union Tr. (Coffeyville, Kans) Express car 11-13-15/995 New car #301 (This may be another railway) 2-30/78-81;

Union Tr. (Independence, Ks) Car #24 10-12-07/689;

Union Tr. (NJ) Car #3 7-97/430;

Union Tr. (Phila.) : Sprinkler car by Kensington Engine Works 12-96/786; ; 11-98/691-700; 2-99/83-86; Splicing two 18' cars together to make 24' car 9-99/571-572; Car #1057 10-13-00/1010; Car #1062 1-5-01/82; Car #1655 3-2-01/ 311-312; Routes 4-6-01/420-424; Track maintenance equipment 12-7-01/794-800; Sta. at 33rd St & Ridge Ave. 1-25-02/100; Car #1655 3-1-02/294; Sprinkler cars 12-96/786;

Union Tr. (Reading, Pa): Private car "Reading" 8-13-04/239;

Union Tr. (Santa Cruz, Cal) Obs.car 11-20-09/1051;

Union Tr. Co. of Indiana: Combo car #246 12-1-00//1143; Notable features w. car #249 & portable substation #649 12-7-01/821-828; parlor and sleeping car #299 10-4-02/541; Test of interurban car 10-4-02/522-525; Ticket system 3-3-06/345-346; w. car #26 12-98/771-773; Car #400 9-27-13/498-500; Anderson, Ind. frt house transfer sta. 10-4-13/595; Signal & car 224 10-4-13/614; Employee's "Safety Magazine." 8-14-15/274; Car #400 9-30-16/578; Frt service and 5-11-18/911; Loco. for coal handling 6-21-19/1234; Annual report 5-11-18/932; 2-12-16/315-316;v Service car 7-22-16/150; Car #403 9-29-23/524; Bankrupt 1-10-25/79; Frt. terminal 9-14-29/936; Car #301 2-30/78-81; Indianapolis Jct. Frt. Term. 8-11-17/224-226; Indiana floods 4-5-13/624-639; 10-2-09/580-582;

Union Tr. & El. Co (Providence, RI) Power sta. 2-20-04/286-291;

Union Trunk Line (Seattle) 5-93/311-314;

United El. Ry (Providence, RI) Car #2139 9-28-23/523; Bus and trolley operation 3-15-24/411-413; 3 track & express trains 4-5-24/539-540; Derrick car 3-15-24/423; Cars 3-13-26/471; Car #2082 9-25-26/495; Cars and snow 6-4-27/988-990;

United Rys Co (Chattanooga, Tn) Car #31 1-27-06/159;

United Rys Co (St. Louis (Removing cable conduit in concrete 5-26-06/817; cars, V.32 1908/515-516

United Rys & El. Co. (Baltimore) Shops 4-4-03/508-514; 6 RPO cars 7-25-03/123; Side dump ballast cars 3-4-05/421; Reconstruction after fire 4-21-06/624-628; Edmondson Ave., car line 2-2-07/178-187; Funeral car "Dolores" 3-2-07/374-375; Gay Street car house, V.32 1908/732-734; 50th birthday 7-21-09/184-185; Park terminal 9-18-09/427-428; Car #1815 4-2-10/207 adv. page; Park terminal 9-17-10/426-430; Block signals on Guilford Ave. line & viaduct 1-7-11/41-42; Car #101 4-8-11/626-628; Car #401 4-4-14/758-759; Car #1701 1-9-15/86-89; Ry. congestion 6-7-19/1082-1086; Woman conductor 8-3-18/199; Lost and found dept. 9-8-17/387-389; Vestibule 560 cars #508 8-19-16/302--306; Car #4041 Birney 9-10-21/400-401; Trailer car #7033 11-19-21/891-893; Train loading platform 5-7-21/845-846; Car #4040 9-29-23/492 Birney ; 10-30-26/803-806; Rush hour service car #8601 & others 4-11-25/577-580 Sand drying house 4-1-8-25/619; Concrete poles manufacturing 5-2-25/691-693; Shop 4-31/185-188; Car #6001 930-599; Rail grinding car #3737 8-18-28/250-252; Articulated cars 1-7-28/17-20; Bay Shore pass. sta. terminal 7-27-07/132; Car house 8-17-07/255; Coal car 8-17-07/265; Power system 5-9-08/770-779;

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Washington Water Power Co. & St. Ry (Spokane, Wash) (See also Spokane & Inland Empire Ry): Car #52 6-2-00/566; Spokane snow plows 3-2-01/280; Described & w. sprinkler car 2-2-01/162-164; Car #53 5-2-03/678; Car #80 2-6-04/220-221; Car #87? & A1 7-1-05/24; Described w. car #87 5-26-06/825-827; Block signals 12-17-10/1182-1186; Car #153 12-18-15/1223-1224; 10-23-20/861-862; Car #23 9-22-17/512-513; snow plow 1-6-17/39-40; Track problems 11-27-20/1090-1094; 10-2-09/524-527+photo pages;
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West Prenn Ry: Described 9-5-03/412-426;
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Dakota Wyoming & Western RR: Tearing up , Nahant, SD (RR not named in photo but that is what it was)11-18-16/1070
Dan Patch Lines: See Minneapolis,. St. Paul, Rochester & Dubuque El. Tr. Co.
Delaware & Hudson: Gasoline el. car 2-210-06/247-248; 2nd gas el. car (no pictures) 6-29-07/xxx;
Delaware Lackawanna & Western: Purchases Elmira & Seneca Lake el. Ry 7-22-05/157; Plans electrification 4-28-28/685-686; & 8-29/769-771; El. loco #4001 frameless 8-21-29/329; Electrification speeds trains up 25% 11-30/683-684; Hoboken M.U. repair shop 4-31/182-184; Aluminized 6 car train 4-35/123;
Detroit Toledo & Ironton RR: Gas el. car #36 5-7-27/847
Erie RR: Rochester Br,. electrification 6-19-09/1115-1116; Rochester Br. maintenance 6-7-13/998-1001; #2000 suburban cars 6-12-15/1102-1105; 2200 coaches 6-30-17/1185-1187; East Lake Rd improvement 10-22-27/784-786; Electrified line 10-12-07/629-631, 650-664;
Fairchild & Northeastern RR: #7 4-4-0 4-9-10/13 adv. page;
Grand Trunk Ry: St. Clair tunnel and locomotives, V.32 1908/1364-1372
Great Northern RR: Locomotive #6001, V.32 1908/1276-1277; Electrification 11-20-09/1052-1061; Snow slide disaster 3-19-10/494; El. loco #5005 7-29-27/53-57; Electrification extended 1-19-29/110-113;
Hartford Eastern Ry: Gas motor car for 12 pass. 11-27-15/1088
Hetch Hetchy RR: Supply motor car with own turntable 4-20-18/766; Gas car for 12 pass. 2-28-20/428-429;
Hoboken RR Warehouse & Steamship Ci: El. loco 2-98/111-112; 4 wheel el. loco 9-98/575;
Holton Interurban Ry: Auto on flanged wheels 8-12-16/285
Illinois Central RR: Suburban cars 7-4-03/21-22 & #1051 4-30-04/662-665; Gas el. car 10-3-14/628; Proposes a sta. to consolidated LaSalle, Dearborn, Grand Central, and Central 9-23-16/537 Proposes to city to electrify lines 12-23-16; Aerial photo of Randolph St term. yards 10-15-12/photo plate X; MU cars 2-7-25/211-214; Suburban service 12-31-27/1191; 11th St. tower at Chicago 3-32/127-128
Lake Shore & Michigan Southern: Gas el. car #825 3-17-06/428-429;
Long Island RR: Electrification 12-3-04/992-999 & 1-7-05/24-27 & 11-4-05/828-834 & 6-9-06/896-905 & 6-16-06/936-945 & 6-23-06/968-983; St. ry to Glen Cove 12-16-05/1055-1058; :Equipment 10-12-07/601; Huntington RR 11-13-09/1010-1015; Equipment for RR and street rys it owns 8-11-06/216-226 & 8-18-06/250-260; Car #1528 6-17-11/1054-1062; Steel car experience 3-20-15/566-571; Trailer car #913 7-24-15/136-137; 4 wheel el. loco for transfer table 12-9-16/1209-1210; Shop 6-5-20/1136-1146; Operations 10-2-20/663-674; Traffic density 6-10-22/926-929; New M.U. cars 2-2-24/167-170; 6 wheel switch #330-B & A 1-15-27/148;60 MU cars 8-13-27/292; Babylon electrified service begun 5-23-28/803-806; Double tiered cars 9-32/385; aluminizes several cars 2-35/49;
Manitou & Pikes Peak: 4-93/237-239; pass. car #106 10-6-06/529-530;
Manufacturer's RR: El. loco. #1 at New Haven, Ct. 1-97/54-55;
Michigan Central RR Detroit River tunnel electrical equipment 1-14-11/62-69 & 1-21-11/104-108; Wrecker 2-27-15/428; Loco. #7500 6-19-09/1125-1127; Detroit River tunnel after 5 years 3-18-16/528-533; & tunnel operation 5-16-16/850-853;
Midland Valley RR Gas el. car #1 9-13-13/429;

Minneapolis St. Paul Rochester & Dubuque El. Tr. Co: Car #10 10-4-13623; Gas el. loco #101 10-2-15/668-670; RR foreclosed and part to abandon 1-5-18/57;
Mississippi River & Bone Terre: Buick auto fitted to rails 12-20-19/976;
Missouri Oklahoma & Gulf RR: Gas el. car #100 11-16-12/1035-1036; Gas el. Car #103 10-4-13/623;
Morgan's Louisiana & Texas RR: McKean car #1002 1-17-14/144;
Motley County RR: Gas switcher 11-28-14/1212;
Mount Tamalpais & Muir Woods RR: Gasoline car 10-20-17/711;
Nashville Chattanooga & St. Louis RR: Gas El. car #699 9-1-77/359-360;
Nevada Copper Belt Ry: Gasoline cars 10-20-17/710-715
New York & Harlem: First street RR in the world 1-93/10-12 & 2-93/90-91;
New York Central (See also Lake Shore & M. S. and Michigan Central RR . and West Shore RR) Comparative acceleration of steam and el. locos 7-5-02/46-50; Grand Central Sta. track and yard L/O and tests of locos. 6-28-02/809-817; M. U. cars 11-4-05/837-838; Yonkers power sta. 11-11-05/872-878; Grand Central Sta. track plan 11-18-05/916-922; Snow tests on 3rd rail 2-17-06/288-289; Grand Central Sta. block signal system 6-9-06/908-915; Power transmission system & loco. #3405 11-3-06/875; Harmon shops 6-8-07/1014-1027; Electrification - all aspects (power, cars, yards, shops) 10-12-07/540-584; Electric loco. changes to #3235, V.32 1908/1620; El. loco #32474-12-13/684-685; Double end wrecker for Grand Central Sta. 5-9-14/1046-1047; Harmon Shops 6-6-14/1244-1249; Electrify west side lines & map of frt. yards in Manhattan 4-29-16/815-816; Heating boiler for el. locos for pass. service 6-10-16/1080-1084; El. frt. loco #1200 10-2-26/568; Latest MU cars 6-14-19/1134-1138; Ingersoll Rand oil el. loco. tested 8-2-24/167; Experimental el. locos 1-17-25/102-104; Frt. loco #1200 10-30-26/796-801; ; 3 power loco. #1525 3-31-28/530-532;
New York Connecting RR: Hell Gate Bridge line 6-1-18/1042-1047;
New York, New Haven and Hartford RR;(See Nantasket Beach El. Ry.) El. ry operation on Nantasket and Hartford lines 6-97/329-339; ; New el. ry construction w.car #3701 9-98/540-542; New South Sta., Boston, eliminates 3 sta. 3-99/158-162; Abandoning its Hartford to Boston 3rd rail line 3-18-05/513; RR sells most of its Mass. trolley holdings 8-25-06/309 & 9-1-06/359; & 10-6-06/537; Electrification 8-17-07/242-254; el. locos 8-24-07/278-285; Cos Cob pr sta. 8-31-07/308-316; Electrify Middleton to Berlin Br. 9-21-07/412-416; El. loco operation 10-12-07/604-614+ photo page; Acquires N.Y. W. & B RR and N. Y. & Port Chester Ry 11-2-07/933; Hartford, Vernon & Melrose branch electrification 12-7-07/1113-1114; Caanan Branch cars, V.32 1908/90/91; pony wheels added to loco #032, V.32 1908/1424; New Caanan Br. changed from 500 volt DC to 11,000 volt AC 5-15-09/900-903; Geared frt. loco 2-B-B-2 9-25-09?/ 462-463; MU car 4021 3-26-10/518-519; Catenary 4-16-10/698-700; El. frt. locos 5-7-10/829-831; Loco. #069 & 0200 2-17-12/267-275; #073 6-22-12/1085-1086; El. loco. shop 3-21-14/622-630; El. switch loco performance 5-23-14/1159-1160; Cos Cob power sta./ 1-17-20/143-147; Frt. Yd electrification 6-12-20/1186-1190; #0213 switching results 3-25-22/512-513; ; 3-2 sxeating for MU cars 4-26-24/654-655; AC frt locos 10-18-24/705-706; Bay Ridge electrification Hell Gate Bridge completed 12-1-28/948-951; Maintaining el. locos 8-30/5-7-510; AC-DC MU maintenance 6-5-20/1147-1155; Eliminates all steam west of New Haven 6-7-24/877-879;
Norfolk & Western RY: Electrification 10-4-13/650-651; El. loco. drives 6-10-16/1085-1088; Electrication 8-25-18/322-325; 4000 Hp el. loco 12-30-22/1013-1015; Electrification 7-14-23/43-44, 45-46 & 8-11-23/203-208 ; El. line signaling 10-4-13/608; Electrification 6-5-15/1058-1069+ 2 inserts;
Northwestern Pacific RR: Gasoline car #850 10-20-17/712, 713; Interurban operation 5-18-15/539-541; El. cars 3-9-29/417;
Oil Fields Short Line RR: Rail car replaces steam train 8-5-22/196;
Peninsular Ry:(Wash.) Auto on flanged wheels 8-12-16/285
Pennsylvania: (see West Jersey & Sea Shore RR in the Electric Ry section.) Electrification of Mt. Holly branch 8-95/525-527; open car #8866 for Atlantic City electrification 12-99/893; Powerhouse for N. Y. City extension 4-7-06/536-553; M.U. car #6701 for south Jersey operation 9-1-06/347-349; El. loco. #10001 2-24-06/323; Long Island City power sta. 4-7-06/536-553; El. loco #10003, 15 cycle tested 7-20-07/92-93; Power sta. & equipment 10-12-07/615-628; Power sta. for electrification 10-12-07/587; ; Loco. #10003 10-26-07/848; ; Gas 4 wheel car #4965? for Smyna Br. 10-23-09/911-912; #1901 cars for Hudson & Manhattan RR service 8-12-11/274-276; battery rubber tired tractor for Jersey City 4-26-13/768 & 1-17-14/130; Paoli electrification 4-18-14/860-864 & 11-13-15/980-989 & 4-8-16/680-684; Industrial battery powered trucks for frt. terminal packages 10-23-15/864-866; El. loco drives 6-10-16/1085-1086; El. loco maintenance 6-17-16/1120-1124; Big el. loco 2-D-D-2 6-9-17/1048-1050; 7000 Hp 2-D-D-2 loco 10-6-17/619-623; El. trains to Chestnut Hill begun 4-6-18/672 & service described 4-27-18/798-803; New equipment for Phila. suburban service 6-12-20/1207-1211; 3 experimental el. locos 1-26-24/133-134 & 2-9-24/217, 218; Electrification NY to Wilmington 11-3-28/806-808; El. program 3-31/125-127; M.U. car #527 9-30-16/592; Baggage car #7923 3-27-26/572; Fort Washington Br. electrified 5-10-27/735-736;
Pennsylvania Tunnel & Terminal RR (Pa. and L.I. RRs): Terminal project, V.32 1908/1546-1552; Penn Sta. 4-9-10/656-659; N.Y. tunnel 6-3-11/955-962; Long Island City el. loco. shop 3-15-13/452-461;
Pittsburgh & Lake Erie RR: Gas el. car #500 10-19-12/887-888; ; 2 car gas el. train #500 3-1-13/387;
Rahway Valley RR: Gas. car 10-7-11/668;
Reading: Phila. electrification 4-30/212-216; & 12-30/747-749; New MU cars 5-31/253-255; Gas el. car at Trenton 4-7-28/575; M.U. shop 2-32/73-75; Budd Michelene pneumatic tired rail car 3-32/112-115 & 12-32/552
Rogue River Valley Ry: Gas car #2 7-16-10/121;
St. Clair Tunnel Ry: Operating and maintenance of the Ry 4-2-10/593-600;
St. Joseph Valley Ry p.493, 8-15-08; Battery car #203 10-4-13/628 & 5-24-13/938;
St. Louis San Francisco RR: Gas el. car #2100 7-22-11/163; Gas el. car 8-12-11/287-288
San Diego & Arizona Eastern Ry: Oil or diesel car #31 for Sontee, Cal branch 4-21-17/747
Seaboard Air Line Ry: Gas El car #2003 1-30-26/220-221;
Southern Ry: Gas el. car 1-29-10/202
Southern Pacific RR: San Bruno Br. using gasoline car 10-20-17/712; Oakland power sta. 2-4-11/196-204; Electrification described 6-17-11/1048 - 1053; Power system 10-21-11/900-906 & 10-28-11/940-947; Maintenance of way car #2706 10-28-11/946; Electrified operations at San Francisco 5-18-15/540-550 & Portland Div. 5-18-15/551-554, 562-5643; Galveston trestle emergency repairs after hurricane 10-23-15/867; East Bay electric service 4-14-23/633-637; Oregon electrification 1-25-13/156-157; Ore. extension 8-11-17/216-219; El. Ore. operation described 2-14-14/359-361; Car #920 7-11-14/85; Proposed Los Angeles union sta. 6-12-20/1217;
Southern Utah RR: Special McKean car for steep grades 6-10-16/1099;
Sumpter Valley Ry: Gas rail car for pass. 8-24-18/342;
Tabor & Northern Ry: Gasoline car for interurban service 9-19-03/584;
Twin Falls Ry: #101 and battery car #100 10-4-13/631
Union Pacific: McKean car #7 6-23-06/994-995; McKean car #8 4-27-07/732-735; McKean Car #8 2-6-09/252; McKean car M-23 6-26-15/1215; Proposed Loa Angeles union sta. 6-12-20/1217
Union Transportation Co: Rail bus #20 5-27-22/874;
Ventura County Ry: Gasoline car #003 10-20-17/710, 713;
Virginia & Truckee RR: Gasoline car 10-20-17/712;
Virginian Ry: To electrify 5-5-23/777; Electrification economics 5-30-25/843-845; Vgn. power plant 9-4-26/381-384; Catenary 7-2-27/9-13; ; Mullens shop 11-19-27/938-941;
Wabash: 4 truck cable transporter car #33002 3-96/194;
Weatherford Mineral Wells & North Western RR: McKean car #7 10-4-13/622;
West Shore RR: Electrifying Utica to Syracuse 5-19-06/781 & 787-788 & 6-8-07/996-1009 & 10-12-07/581-586; 3rd rail Syr. to Utica 3-24-06/449;

PRIVATE ELECTRIC RAILROADS - INDUSTRIAL CONTRACTOR, FACTORY

Airie Pebble Phosphate Co (Mulberry, Fl) Brill built electric car for frt. 7-25-03/130
Arlington Mills Co, Lawrence, Mass. 2 el. locos to service mills, one box and one open 7-98/408
Atlantic Coast Lbr. Co. : Georgetown B.C. mill switcher 9-13-02/353-356;
Boston Sugar Refinery: first Sprague el. Ry system 10-8-04/569
Carnegie Steel Co 8 wheel mill switcher loco. 9-13-02/353-356;
Casarbis Stone Co (Id) Remote controlled cars by radio 8-24-18/337-338;
Clinchfield Coal Co: El. mine loco. 8-7-09/227
Deadwood & Delaware Smelting Co. El. loco. 2-99/115;
Hawaiian Plantation loco., 9-13-02/353-356
Lonsdale Cotton Mills, Lonsdale, R.I. 8 1/2 ton el. loco. to switch cars at mill 6-7-02/742;
McLaughlin Tie & Tbr. Co. : Tearing up logging RR Nahant, S.D. to Black Hills (Dakota Wyo. & West. RR 11-18-16/1070. (Name not given in article but that is what it was.)
Myers Co., L. E. Contractor 0-4-0 #4 loco. 11-25-05/957;
New York Sugar Refining Co., New York City, 4 wheel el. loco. 9-98/575;
Red River Lbr. Co (Cal): Diesel el. loco. #502 12-18-26/1119; Electrified 5-5-28/727
Skagit River Construction RR (Wash) Gasoline equipment 2-18-22/278-279;
Timber Butte Milling Co (Butte Mont.) 40 ton el. loco 5-24-13/937;
United Gas Improvement Co: Official's parlor car for New England 4-4-03/536-537;
United States Proving Grounds , Indian Head, Md., electro magnetic traction system and loco. 6-99/409-410;
Whiten Machine Works: New el. frt. loco built by Taunton 9-1-00/844; El. loco on flat car 6-11-04/910;
Woodward Iron Wks (Ala) El. Loco. #27 for coke hauling 7-8-11/86-87;

AREA DESCRIPTIONS

California: Los Angeles area st. rys. 7-93/461-467 & 8-93/525-529; San Francisco St. Rys: Street traffic problems 1-6-06/10-18; Description, V.32 1908/574-582

Illinois: Interurban Rys map 5-21-04/770-771; Trolley bus system established 5-30/272-275; Chicago to spend $300M next 10 years on trolleys, buses and subways 8-30/500-505; Chicago st. ry conference in business district 1-92/12-13 Chicago proposed loop system 7-11-03/58-60; ;Chicago transit map in color & electric Ry practices 10-99/613-645; Exposition street. Ry exhibit 6-93/347-353 & 7-93/421-435 & 8-93/493-510 & 9-93/592-594;

Indiana: Interurban routes 8-30-02/272-274 & 12-12-03/1016-1017; Limited train service 2-4-05/198-205; Fare schedules 5-6-05/826-827; High speed (over 32mph) interurbans 4-28-06/691;

Massachusetts: Boston proposed rapid transit loop 2-92/75-76;

Michigan: Fare schedules 5-6-05/826-827; Detroit area interurban Rys 1-99/1-8; ; Detroit interurban center 10-4-02/437-491

Missouri: Kansas City st. ry. map 3-90/112-114; St. Louis st. rys: Description and map 2-90/56-59 & 10-96/561;

New Jersey: El. Ry map 4-16-04/602-605; Rapid Transit Commission proposes Meadow transfer sta. for New York City 2-19-27/333-337; North Jersey rapid transit into New York 2-6-26/239-242; Transportation plans for 20 million people in NY,NJ, LI. 7-29/696-699

New York: Buffalo st. rys 10-90/454-455; El. rys built or proposed 6-28-02/806-808; Freight and express service on 26 N.Y.State interurbans 5-4-01/558; Beebe System of up-state N.Y. Rys 9-25-09/456-461 & business car #999 10-8-10/664-666; Transportation plans for 20 million people NY,NJ,LI 7-29/696-699; Frt. & pass. traffic solutions 10-8-10/540-?; Rapid transit in New York study of railroads and ferries, passengers carried, etc. 5-37/173; Commuter traffic by RR and separate lines 1936 & 1937 & ferry traffic 5-38/180-181;

Ohio: Interurban routes with map 10-13-06/plate #20. State description 10-13-06/591-696 with 52 pages of pictures; Limited train service 2-4-05/198-205; Farre schedules 5-6-05/826-827; interurban rys 8-3-01/145-156; High speed (over 32mph) interurbans 4-28-06/691; Ohio interurban line map 3-12-04/406-409 & 10-13-06/plate 20.

Pennsylvania: Interurbans in the western part of the state 5-3-02/562-568;

Vermont: St. Rys over view 10-6-06/510-511;

Washington, DC: Map and companies 7-90/324-327;

Canada: St. Ry systems 10-95 souvenir edition/7-53

FOREIGN

Note: There was a considerable amount of foreign railway and car descriptions. I was not consistent in indexing. After 1908 for European railways, depending how I felt at the moment I varied, but basically tried to index only the longest articles realizing that shorter articles would have been much better covered in foreign magazines. However there are many exceptions. There were many articles on German and Swiss railways and a fair number on Italy, most of which I did not index in the period of 1908-1930. It did not cover Great Britain as might be expected

Argentina: Tramway sleeping car in Buenos Aires 3-88/67; Double deck car for Tramway rural 4-88/96; Meat car for Buenos Aires st. car lines 11-98/747-748; El. ry routes 10-99/693-700; El. rys in Buenos Aires. 2-99/69-74 & 6-1-07/948-957; El. train 10-5-18/6-4-6-9 & 10-12-18/646-650; Buenos Aires tramway 3-30-20/554-558;

Australia: New South Wales govt. tramways - cable & steam motor 2094/86-89; Tasmania Hobart El. Ry 8-94/487-489; Tramways at Perth 4-7-00/336-341; Sidney el. rys 12-6-02/928-933; Western Australia Freemantly St. Ry car #1 5-6-05/844-845 & 5-5-06/706-710; Melbourne railway electrified, V.32 1908/751-753; McKean car for Victorian Rys 12-23-11/1285; Sydney tramways 1-13-23/71-75;

Austria: St. ry practice in Europe 7-97/383-395; Austria-Hungary el. ry. practice 10-99/685-692; State ry St. Polten to Mariangall 8-3-12/160-163; Ueberetrech Ry 4-4-14-/764-768; Extends electrification6-5-26/958-963; Federal Ry loco #1670.75 with vertical tram motors 8-30/511-512; Electrics 3-2-29/350-356;

Belgium: European el. ry. practice 4-97/2189-208 & 6-7-02/673-707; Borinage St. Ry 9-16-05/409-412;

Brazil: Sao Paulo St. Ry 7-99/449-451 & 9-1-00/825-830 & 9-7-01/271-278; ; Rio de Janiro St. Ry 10-13-00/975-979; Oara El. Ry & Lighting Co. Car #1 3-30-07/558; Paulista Ry electrification 6-11-21/1075-1084; & 11-3-23/767-769;

British Guiana: Georgetown el. ry. 4-6-01/417-419;

Chile: Chilean El. Tramway & Lt. Co. double deck car #226 4-7-06/570-571; State Rys el. operations 2-25-22/309-314; Frt. el. loco 4-22-22/667-672;

Cuba: Havana St. Ry car #1 1-6-00/55; Havana El. Ry 8-4-00/724-731; Car #43 Havana 10-13-00/1014; Operations 7-3-26/12-14; 5-27-11/906-912 & 6-3-11/946-950; Single truck cars 6-30-23/1081-1082; 10-27-28/759-762; Cienfuego Palmyra & Cruces #l Ry battery cars (no pix) 8--3-12/163; United Rys of Havana: 3 car battery train 9-28-12/501-503; Hershey Cuban Ry: Electrified 4-10-20/757-758; Car #103 7-2-21/6-9; 7-28-23/127-133 & 8-11-23/211-215; 10-15-27/738-739;

Czechoslovakia: El. Rys 1-8-27/79-83;

France: Marseeilles St. Ry 8-93/514-516; Heilmann 100 ton el. loco. 8-93/521; Marseilles incline ry 2-93/78-79; Havre St. Ry 11-95/695-697; Lyons-Oullinds El. St. Ry 3-95/145-146; European El. Ry practice 7-97/383-395 & 6-7-02/673-707; Paris conduit construction 12-99/645-852; Paris St. Rys 5-99/274-276; Paris & Vincennes Expo 7-7-00/625-628 & 635-638 & 8-4-00/717-719; Metropolitan Underground Ry (Paris) 9-1-00/797-806; El. Ry practices 10-13-00/927-940; Trolley buses in use at Monte Carlo 8-2-02/170-175; Fayet - Chamonix El. Ry 2-7-03/206-214;

Germany: Bremen trolley cars 3-94/149-151; El. Ry construction in Germany 7-96/395-401; European El. Ry. practice 4-97/189-208 & 7-97/383-395 & 6-7-02/673-707; El. High speed Dusseldorf to Krefeld 8-99/523-527; El. Ry practice 10-99/647-662; Berlin St & Elevated Rys 7-7-00/619-625; Berlin El. Elevated RR: 10-13-00/980-985; Berlin El. Ry 9-7-01/278-283; Berlin - Zossen 125 mph experimental car 9-7-01/301-302 & 7-02/726-730 & Tests & Test results 8-2-02/145-149; & 5-20-05/915-916 & 6-3-05/988-991 9-9-05/374-386 & 12-2-05/969-977; Hamburg St. Ry 1-4-02/1-12; El. traction 4-7-06/52-535; Nuremberg car house, V.32 1908/389-390; Seebach Wettinghon Ry, V.32 1908/391-392 ; Prussian Hessian State Ry el. loco. 11-11-11/1020-1022; War hospital st. car 1--2-15/50-51 & 5-1-15/831-832; Electrify in Silesia, Prussia 9-11-20/499-502; Dresden articulated st. cars 9-30/572-575; Rys electrified 6-9-28/9327-941;

Great Britain: European El. St. Ry practice 4-97/189-208 6-7-02/673-707 & 10-99/663-673; 4-7-06/520-535

Laing Wharton & Down Ltd. 4 wheel loco. bldr 10-98/686l ;

Brighton St. car along the beach flooded by high tide 5-96/302; Tramways 1-4-02/13-16;

Cardiff Rys 7-5-02/33-45;

Carlisle El. Ry. system 10-13-00/986-988;

Glasgow Tramway System 6-1-01/623-641;

Hastings & District Tramway Co. 11-4-05/840-844;

Halifax Yorkshire County tramways 9-6-02/293-299;

Hull El. Co. double deck cars 5-99/321-322;

Isle of Man tramway: 5-94/283; Snaefel Mountain El. Ry 2-96/93-94;

Manx El. Ry 3-5-04/356-370;

Leith Co. tramways 12-9-05/1014-1018;

Liverpool El. Elevated Ry 3-93/171-175;

Liverpool Tramway Co. center door cars 11-98/727; St. Ry system 4-6-01/389-397;

London: Central London Underground: El. loco. 3-98/141-150; London United Tramways Co. cars and track 9-99/584-586; Gt. Northern & City underground 3-1-02/274-281; London St. Rys 10-4-02/526-537; London County Council Tramways 6-6-03/821-827; London underground electrification 3-4-05/388-420; Metropolitan Ry B-B el. loco. #1 8-26-05/313-314; Baker St. & Waterloo Ry: 4-7-06/554-557;

London Brighton & South Coast Ry: Electrified 5-6-11/784-787

Manchester St. Ry system 7-6-01/36-41; Car house and power sta. 9-6-02/300-303;

Mersey Ry electrification 4-4-03/519-525;

Midland Ry Heyshoon-Lancashire V.32 1908/198-208

New Castle on Tyre 5-3-02/547-553;

North Eastern Ry: El. frt. loco. #2? 10-8-04/674-676;

Nottingham St. Ry converted from horse to electric 5-4-01/518-521;

Tramways 11-22-02/834-838;

Plymouth Tramways 9-99/589-592;

Portsmouth Tramways 1-4-02/28-34;

Preston El. Rys 10-99/729-732;

Sunderland Tramways 7-15-05/96-100;

Holland: Amsterdam trams 1-7-05/17-24; European St. Ry practice 6-7-02/673-707;

Hong Kong Trams 2-4-05/211-214;

Hungary: Budapest St. Ry 11-95/700-703; European St. Ry practice 7-97/383-395

India: Calcutta Tramways 6-3-05/968-975;

Ireland: Dublin Rys 4-98/203-208 & 5-5-00/421-433; Belfast Trams 2-3-06/186-193;

Isle of Thanet St. Ry cars 10-13-00/1012;

Italy: Varese El. Ry 12-96/745-747; Naples St. Ry system 4-6-01/397-400 & 8--3-01/117-120; Rome interurbans, V.32 1908/150-152; Milan interurban to Italian Lakes 8-3-01/137-144; Milan - Monza interurban 12-7-01/801-804; 3rd rail track 12-6-02/896-902; Valtelline Ry 5-30-03/788-797; Valtellina el. locos 8-5-05/192-203; Valellina Ry operations 8-26-05/303-306; Valtellini pass, train pulled by el. locos 4-7-06/533-535; 3 phase loco #382 4-6-07/575-581; Parma Ry 6-3-11/951-952; phase experience 6-12-26/1002-1007; Steam and El. interurbans 7-30-27/186-199; Rome street car routes and cars 3-30/136-140;

Japan: El. ry progress 7-5-19/4-6; Chichilu Ry electrified 8-26-22/290-291; Imperial Govt. Ry loco. #1010 12-23-22/975-976; El. pass. loco ER527 12-29-28/1119-1120; Tokyo subway extension 7-35/212-214
Java State el. lines and loco. #3002 1-30-26/191-194;
Mexico: funeral cars 3-98/131-132; Mexico City Tramway Co. car #58 double deck 5-5-00/478-479; Funeral cars 1st & 2nd class 8-3-01/157; Plantation 29" gauge horse car "Kanachen" built by John Stephenson Co. 9-6-02/337; Open car for Oaxaca 8-12-05/256; 4 wheel cars for Puebia #42 8-19-05/277; El. construction cars #14091 11-18-05/926; Mexico City el. rys 5-1-09/812-820; Tram roads & cars in Mexico City 6-5-09/1014-1023; Mexico Investment & Construction Co. to build 12 miles RR to Sanya Fe, Mo 11-17-17/921; Electrifying to Vera Cruz 11-18-22/ ?
Yucatan: 1st & 2nd class hearses for Yucatan 8-99/547; Yucatan - Merida car #51 1-10-03/85 & 2-3-06/211; Merida Rys 11-19-27/933-935;
Monaco: St. cars for Monte Carlo 5-98/289; St. Ry 5-5-00/437-438;
New Zealand: First el. St. Ry 4-6-01/400; Christ Church el. tram 8-5-05/204-208;
Norway: El. Ry above Arctic circle 9-5-14/418-422;
Peru: Lima tramway 5-4-07/792-795; Side entrance car, V.32 1908/766
Philippines: Manila el. rys 4-29-05/766-776; el. ry. opened 6-16-05/1081; Manila El. Ry convertible car 8-12-05/255; Manila el. rys 11-7-14/1042-1046 & 9-3-21/356-358;
Portugal: Lisbon st. rys 3-2-01/288-299;
Puerto Rico: San Juan el. ry. replaces horses 9-23-05/446-448; El. Ry 12-31-27/1193-1195; Puerto Rico Ry Lt & Pr Co. new cars #39 4-23-27/761; St. Rys 2-22-08/274-277;
Russia: Track laid across frozen Neva River 4-1-16/643; Subway 9-34/284-286; Subway opened 6-35/180-182; Moscow subway 11-38/444-445, 474;
Singapore: el. Ry 1-93/16; Trams 1-27-06/149-152;
South Africa: Cape Town, Campous Bay & Sea Port Tramways 3-1-02/282-286; Johannesburg Municipal Tramways 4-6-07/584-586; El. locos 9-13-24/390-391;
Spain: El. Rys in Madrid & Barcelona 2-99/75-81;
Sweden: single phase el. loco. drawn train 3-31-06/486-490; Ry above Arctic circle 9-5-14/418-422; Diesel el. locos of 250 hp. H.H.J. 8-5-22/193-195; ' Stahhl Goteborg electrification 10-23-26/767-769;
Switzerland: Incline Rys 8-92/467-468; Geneva St. Ry 2-97/81-82 & 8-4-00/695-701; 3 phase Ry Stansstadt - Engelberg Ry 1-99/16-23; 3 phase Ry 12-99/853-860; El. Ry practice in Europe 6-7-02/673-707; Zurich St. Rys 11-1-02/725-733; Lucarno interurban description, V.32 1908/384-388; Spiez Frutigen Ry 10-7-41/644-646; Rhaetian Ry 4-4-14/760-763 & loco. 6-27-14/1430-1433; Federal Ry alligator locos 1-C+C-1 8-70/256-260; El. loco. progress 4-16-21/724-727; Combination loco-car 12 wheels Lotschberg Ry 2-20-26/321-322; Federal Rys to electrify entire Ry. Half now done 5-9-25/727-730; Electrification 2-4-28/198-200; Use of water power for electricity 8-4-28/176-181; Electrics 3-2-29/350-356; Monthey-Chanfery Ry rack line 9-25-09/466-468; Montreaux Glion El. Rack Ry & Loco. 6-4-10/980-981;
Trinidad: St. Rys 8-30-02/283;
Tunisia: Algiers el. ry. 4-99/209-211;
Uruguay: Montevideo tramways 5-4-07/777-782 5-4-07/777-782;
Venezuelela: Caracas shop, V.32 1908/1242-1244
Yugoslavia: European St. Ry practices 7-97/383-395;
Zanzibar open cars 3-18-05/530;

BIOGRAPHY

Edward M. Bentley 2-94/112-113-114;
Charles O. Birney, inventory of Birney safety car 6-30/348;
G. Martin Brill, obit 4-7-06/581;
Charles A. Coffin; Founder of Gen. El. Co & the Coffin El. Ry Achievement Award, obit 7-17-26/131; Leo Daft 2-94/112, 113;
Stephen Field 2-94/111-112;
Andrew S. Halledie 5-95/311-312;
John C. Henry 2-94/112, 114;
Edward Hungerford, bio, 4-24-20/842;
Walter H. Knight 2-94/112, 113;
Sidney H. Short 2-94/112, 114;
Frank J. Sprague 2-94/111-112; Obit 11-34/451
John Stephenson obit 8-93/549 & 9-93/591;
Charles J. Van Depoele 2-94/112, 114;
Werner von Siemens, obit 1-93/13;
Charles T. Yerkes 1-6-06/62;

CARS

Note: See also CAR BUILDERS
Aluminum cars Tests 12-24-27/1148-1149
Ammonia motor st. cars :Ammonia Motor Co street car 1-9 or 932/1-2 & 10-92/612-613; Standard Fireless Eng. co 9-86/437; 3-93/184 & 4-93/211 & 9-93/585-586 & 4-94/257
Battery cars: See storage battery cars
Birney 4 wheel safety car: To be introduced by Stone & Webster 3-18-16/556-558;b Reasons for its name 4-7-17/649; Origin of design 9-22-17/478-479; Successes 1-24-20/203-205; Safety devices of Osgood Bradley cars 4-17-20/788-793 & 5-15-20/983-986; Accident rate less 9-4-20/457-459; Design improvements 9-18-20/549-550; Purchasers to 1920 10-2-20/642-646; Design changes 1-15-21/127-130 & 1-22-21/177-179; Single truck cars 9-17-27/489-492; 10-20-28/710-715; 1-19-29/117-120;
Compressed air motor street cars: 8-4-00/719-723; 8-97/487-491; 6-99/414; 6-99/372-378; Am. Air Power Co. car for Third Ave. RR, 125th St. line 7-96/436;
Double deck: History 10-12-12/838-839; C .L. Pullman Co 11-91/603
Dump cars for ashes: 3-7-03/383
Electric street cars: Double versus single truck cars 1-95/14-16; St. car with unique individual seats 10-12-01/536-539; 8 wheel 24' closed car drwg with all parts named, J. G. Brill Co. 10-95/638 insert; Std. 4 wheel 18' closed car drwg with all parts identified, J. G. Brill Co., 4-96/230 insert; Boston closed car std. construction details, Stephenson car and Brooklyn open Std. car with foldouts of details 6-2-00/549-554 & 7-7-00/642-646 & 8-4-00/734-736 & 9-1-00/834 insert & 12-1-00/several foldouts; semi convertible plans of four cars 11-18-05/926-927l St. car floor plans and seats 4-1-05/578-588; Special issue on cars and all components 9-30-16/561-662; Evolution of design 9-15-31/512-518; Henry Ford new std. car 2-28-20/439-440; J. R. Blackhall steel car design 2-31/74-77;
Freight carrying Note: I indexed such cars to the owning company. Std. design for trailer cars 2-6-26/237-238
Funeral cars: In U.S.A. 8-4-00/702. See also Mexico where many were used.; 7-17-09/110; 12-7-12/1147-1149;
Garbage cars 6-13-14/1349
Gas Electric cars: Strang Electric Co. : car "Ogerita" 3-3-06/359-360; car "Marguerite" 8-18-06/272-273; car "Irene" 3-14-08/435; Gas & Gas-El. cars 4-22-22/685-686; Gas cars for western RRs 10-20-17/710-713; Gas el. vs battery cars 7-5-13
Gasoline cars for interurban service 5-99/323-325; Vimotium Hydro Carbon Co. gasoline interurban car "Eureka" 5-99/323-325; Single truck gas cars 10-8-10/666-667
Horse: Calumet Car Co open horse car 4-89/84 Still operating between Ponciana Hotel and the Breakers at Palm Beach 8-5-22/198; 8 wheel horse car 5-88/119
Interurban high speed cars: 10-4-02/538-549. (See also individual companies.) Latest designs 8-27-27/342-347;
Light weight cars: 11-29/1039-1042; latest designs 8-27-27/342-347
Mail cars: 7-95/453-454: Newtown (Pa) no longer carries ,mail 11-25-05/959;
Multiple unit : Westinghouse electro pneumatic system for M. U. operation 10-99/703-708; Sprague M.U. system 3 years of experience 5-4-01/537-550; History and development of M. U. system 5-4-01/551-554;
One man cars: success 1-1-16/20-25; Safety of vs 2 man cars 10-27-28/770; 300 in 1916 & 5000 in 1920 5-29-20/1105-1107;
Parlor, observation & dining cars (Most articles indexed only to the name of the railway. 10-8-10/572-575;
Parlor: West End Ry (Boston) excursion parlor car 11-94/728; (see also individual St. Rys.); United Gas Improvement Co. official's parlor car for New England 4-4-03/536-537;
P. C. C. cars: President's Conference Car developed 7-33/205-209; Model B car of Pullman 9-34/274-276; cars 7-36/216-232; New name suggested "Electroliner) 3-38/97, 110
Piggy back cars: Express wagons used 8-95/517;
Prison car 1-17-14/145
Radio controlled storage battery car, V.32 1908/708-709; Frt train operated by wireless (radio)11-10-23/843; Street car radio controlled 12-17-27/1102 Radio used to contact emergency trucks at Detroit Rys 7-12-24/47-49; Casarbis Stone Co. operating 3rd rail cars by remote radio control 8-24-18/337-338
Safety Cars: See Birney
Self Propelled (Battery or gas) 10-4-13/622-626;
Single truck: See also Birney.. James T. Halsey design 7-29-11/201-202
Snow plows: Note. Most plow articles indexed only to the name of the Ry. Andrews & Clonney's plow 11-85/3; Rotary 8-31-18/370-371; Plow and flanger for St. Rys 9-8-23/359; Combination baggage car and snow plow 8-20-10/306; Wason Co 9-5-03/429-430
Sprinkler cars: Kensington Engine Works car 12-96/786. See individual st. rys.
Steam motor cars: Baldwin design 5-86/252; Ransom steam car 3-88/66; Prosser design 8-88/201; Kobusch-Wagenhals Steam Motor Car Co. Car #1000 10-13-06/568-569; Uneven motion of cars 4-6-01/438-439; Steam car using F. O. Stanley's design 6-21-19/1233-1234; D. A. Harrington, Atlantic City, steam motor #9 pix 4-40/143; Freese Electric Car Co: steam driven motor 10-85/280-281; Kinetioc Car 9-98/557-558; 6-97/366; Hay 2-02/69
Steel cars: (All steel cars begun being built in 1913-14/) Std AERA class A & B cars 10-26-18/728-730+insert; J. R. Brackhall design 2-31/74-77;

Storage battery cars:: 7-90/313-316; 10-91/509; 12-93/793-795; 4-94/220-222; 9-99/559-561; 10-4-13/626-634; Gas el. vs battery cars 7--5-13; Self propelled cars 10-4-13/622-626; McLaughlin design 7-90 or 91/318-319; Electro Dynamic Co 5-89/111-112; Ford-Washbire Storectro Co (Cleveland) Car #1 4-92/204 & 10-92/56-57;
Sweeper cars: Allyn design 6-86/282-283; Brooklyn Ry. Supply Co 10-92/614;
Trailer cars being discontinued in Chicago 10-30/640
Turtle back car roof design (vs monitor) 1-28-18?/175
Vestibules on cars 8-90/375-378;

CAR COMPONENTS

Air brakes: for air brakes 8-92/402-404; of the Standard Air Brake Co. drwg of L/O 5-96/306 insert; magnetic brakes 7-6-01/52-54; National Air Brake Co brakes 5-96/315-316; Magnetic brake 8-21-26/290 (one of the first);
Bearings: Roller brgs 3-92/175; Ball 2-13-15/344-345; Roller 8-27-10/322-325 & 9-7-12/383 & 12-16-22/935-940. (Note: St. Rys used roller bearings long before stream railroads recognized their value.)
Headlights: oil and electric 10-93/677; arc 1-3-03/50; arc 5-99/322; Luminous arc 1-5-12/627-628;
Magnetic traction: Electro Magnetic Traction Co's system 6-95/411-412 & 6-99/409-410
Sand boxes: 11-93/756;
Trucks: (Note: In 1890s there were many articles on various truck designs which I did not index.) History of st. car trucks 1-97/advertisement pages 53-58; truck with side rods invented by J. T. Wilson, Tyrone, Pa. 1-93/16; P. Parkham trunks 11-93/769; Parkham Motor Truck & Wheel Co: Mining loco and St. car trucks 12-95/818-819; Am. Car Co (St. Louis) trucks 5-94/325; Halsey radial truck 10-14-11/857-858; Worm drive 5-14-27/859-862 & 5-28-27/954-955; Curtis street car truck, V.32 1908/44-45, 1115

CAR BUILDERS

Allyn: sweeper cars 6-86/282-283;
American Car Co: Wks at St. Louis 4-92/225-227;
Ammonia Motor Co: 10-92/612-613, 1-92 or 1-93/1-2;
Andrews & Clooneys snow plow 11-85/3
Baldwin Loco. Wks: Steam st ry motor 5-86/252;
Baltimore Car Wheel Co: "Lord Baltimore" truck 2-99/117
Barber Car Co (York, Pa) Single truck car 10-1-10/524
Barney & Smith Car Co: Works 2-94/125 & 8-94/518-519;
Barrows, Chas. H. New car with smoking room 9-94/589;
Beach Co: Battery car with new type battery, 4 wheel 1-29-10/183-184
Brill, J. G. Co: 10-94/102-103; El. loco 36" gauge for industry 2-99/115; improved summer/winter car 4-97/245; Elevator to second floor of the works 6-7-02/740; Annual report 2-14-14/381; New design 12-10-27/1055-1058; Standardized design 1-26-29/157-160; Closes St. Louis plant formerly Am. Car Co. 7-31/391;
Brooklyn Ry Supply Co: sweeper car 10-92/614;
Brownell Car Co: Accelerator car #616 10-94 souvenir/112;
Budd Co: Budd-Micheline rubber tired rail car 3-32/112-115 & 12-32/552
Calumet Car Co: Horse care 4-89/84;
Columbia Car & Tool Wks (Portland, Ore. st. car mfr.) 5-93/319;
Commercial Car Construction Co: Gas rail car exhibited 1-12-18/99;
Compressed Air Motor Co: street car 6-99/414;
Connelly: El. car #1 4-87/325-326 & 11-87/975; Gas motor for street cars 9-88/222-224& 5-89/112-113 Gas motor loco photo 10-89/296; Motor no pix 5-90/229 & 7-90/332
Convertible Car Mfg. Co. (Mass.) 7-94/469;
Duplex Car Co: tubular bodies 12-98/809;
Electro-Dynamic Co storage battery car 5-89/111-112;
Ellis Car Co (Amesbury, Mass) Snow plow st. car 3-93/185;
Federal Storage Battery Co: double truck battery car 11-26-10/1068-1069;
Freese Electric Car Co steam driven motor 10-85/280-281;
Four Wheel Drive Co: Gasoline 2 car train 8-12-22/231
Fowler, J. V., Car Co: St. cars 1-94/53-56;
General Electric Co: Gas electric car 5-20-09/983-984; Single phase AC motor car #3 8-27-04/280-286
Hand Mfg. Co. (Portland, Or): St. car bldr 5-93/320;
Hay steam motor 2-02/69;
Healy steam motor car 2-92/69;
Holland Palace Car Co's: sleeper and parlor cars 2-4-05/204-205;
J. G. Brill: See Brill, J. G.
Jewett Car Co: New works 8-4-00./758-759;
Kinetic Motor Car: Test of #2 6-97/366; Car #5 9-98/557-558;
Kuhlman Car, G. C. : (Collinwood, Oh) parlor cars 10-18-02/695-696;
Laclede Car: 7-6-01/45-47;
Laconia Car (NH): 2-96/125-127;
McDougal: Storage battery 10-91/509;
McClaughlin El.: Storage battery cars 7-90 or 91/318-319
McGuire Mfg. Co.: El. loco. bodies for Gen. El. Co. 9-98/575;
New Castle Car Mfg.: 2-94/128;
Osgood Bradley: New design #1929 6-28-28/1020-1025; Builder of Birney safety cars 4-17-20/788-793 & 5-15-20/983-986
Patton Motor Loco : 4-98/226 car bldr 12-98/812;
Pole St. car motor loco #3 system and trailer #12 2-87/193-194;
Prosser: Steam motor car 8-88/201;
Pullman Co., C.L., double deck car 11-91/603
Railway Ammonia Motor: Car for st. ry 3-93/184 & 4-93/211 & 9-93/585-586 & 4-94/257
Railway Motor Car: Single truck gasoline car 10-8-10/666-667; Types B & C cars 10-7-11/668;
Railway Storage Battery: Organized 4-27-12/695
Ransom, Louis, Steam street car 3-88/66;
Robinson: radial 6 wheel st. car 10-90/477-478;
River and Rail El. storage battery car 7-90/313-316;
Ruggles: Rotary snow plow 3-93/184 & 4-93/210; Double fan blade double ended plow 8-3-01/159;
Ruggles Packham Mfg. (Kingston, NY): Double truck double ended rotary snow plow 9-7-01/299;
Russell Car & Snow Plow (Ridgway, Pa) Combination baggage car & plow 8-20-10/306; Plow and flanger car 9-8-23/359
St. Louis Car: Works 3-99/190-191; 7-6-01/45-47; 5-30-03/812-813;
Standard Fireless Engine: ammonia car 9-86/437;
John Stephenson: Palace st. car 6-87/491; 10-94 souvenir/105; 4-5-02/447; (Elizabethport, NJ) Loco. #120 4-4-0 used as
Steam Storage Car: Motor car interior view 10-89/285-286; plant switcher 6-14-02/762; History 11-17-17/903-904 (from 1832)
Strang gas el. car "Irene" 3-14-08/435; ""Ogerite" car 3-3-06/359-360; (See gas el. cars above.
Studebaker Bros. Mfg.: Sprinkler car 11-2-01/708;
Taunton Loco. Mfg.: New sprinkler car 7-95/481; double ended snow plow 10-12?-00/1007; snow plows 9-7-01/295;
Unit Ry Car: Steam car using F. O. Stanley's engine design 6-21-19/1233-1234;
Vimotum Hydro Carbon gasoline interurban cars 5-99/323-325;
Wason Car: 4-96/255-257; 9-5-03/429-430;
Wells & French (Chicago) St. car bldr 1-96/62-63;
Westinghouse El.: AC single phase interurban cars 11-5-04/846-849
Woeber Bros (Denver) St. car bldr 3-93/179;

COMPETITION - AUTOMOBILE, BUSES, JITNEYS, TRACKLESS TROLLEYS

Note: During the 1920s and early 1930a to meet competition there were many articles concerning the need to speed up service. I indexed only those concerning particular railway
Future of electric railways by L. F. Loree of the D.&H.RR 4-24-26/737
Automobile & Electric Ry future 1-8-16/75-76
Battery operated buses 11-21-14/1139
Buses for rural lines 9-16-05/415-417;
Buses serving as feeders 10-28-05/813-814
Jitneys: There were many articles on jitneys 1915 to mid 1920s. I indexed what I felt were representative. Jitney competition 2-13-15/324-329 & 2-20-15/374-377 & 2-2-157/421-422 & 3-6-15/462-463 3-27-15/619 & 4-3-15/691-692 & 6-19-15/1149; Jitney convention 5-8-15/911 & 5-15-15/919; Jitneys 6-26-15/1206-1207 8-5-15/220-224; 9-18-15/500-505; 510-511; ; Rise and decline of jitneys at its birthplace 9-18-15/560-561; Jitneys excluded from business district 6-16-17/1115; Jitneys declining but 6000 still operating 10-26-18/745-746; Violating laws 5-26-23/879-880; Jitneys in Bridgeport trolley strike 8-21-20/387-388; At Terre Haute 8-28-20/412-414; Jitney laws 9-11-20/522; Houston, Tx jitneys and proposed changes 3-15-24/407-410; Jitney competition decreasing 6-14-24/923-926;
Trackless trolley cars 3-1-02/252-254; American Trackless Trolley 11-14-03/884-887; Trolley bus system in Chicago 5-30.272-275; (Note: There were a fair number of articles on trolley bus installations which I did not index.

EXPRESS AND FREIGHT SERVICE

Freight Service: (Lengthy articles covering the subject) 10-8-10/609-642; 5-11-18/893-917;
Special issue on electric Rys includes section on frt. service 10-4-13/ between somewhere 525-634;
Frt. service increasing 5-11-18/892-924
Intermodal TOFC, Piggy Back: Bonner system of highway containers on flat cars 10-12-18/658-659; 6-14-30/401; Piggy back cars: Express wagons used 8-95/517;
Electric Ry Package Express Frt. Term. at Cleveland 2-1-19/218
Express and freight service: For interurban Rys 10-4-02/500; (See also individual companies..) St. Rys should carry frt. 7-99/459-463; Frt. train operation on Ohio River El. Ry 7-7-06/45-46; Piggy back wagon service 8-95/517; Express and Frt. haulage on 26 N.Y. State Rys 5-4-01/558;

Great St. Ry properties (about 238) survey of finances 10-96/602-608; Frt. handling by El. Rys 2-1-19/218-228 & 3-1-19/396-407; Trolley frt. rapidly growing in New England 1-24-20/197-199 & 7-9-21/41-47 Frt service triple in ten years 9-27-24/505-508; 10-23-09/902-904;

PERSONNEL
Pension plans 8-30/514-518;
Women conductors in N.Y. 5-25-18/1006-1007 (Note there were other articles on use of women during the war which I indexed only to the railroad company. 5-25-18/1006-1007

LOCOMOTIVES:
see Private Railroads above for early electric locomotive users. See also Builders
Radio controlled storage battery car, V.32 1908/708-709; Frt train operated by wireless (radio)11-10-23/843; Street car radio controlled 12-17-27/1102
Compressed air loco. Manhattan Elevated RR #400 . 5-97/316
Diesel electric locos 250 hp in Sweden 8-5-22/193-195
Dummy Locos: Last one for a U.S. Ry (?) built by H.K. Porter for Uvalde St. Ry (Tx) 3-12-10/461; Healy steam motor 2-92/69;
Battery & trolley combination loco. 3-12-21/494;
Interurban loco. selection criteria 2-31/83-89

LOCOMOTIVE BUILDERS
Baldwin - Westinghouse: El. locos. for industrial service 9-13-02/353-356; El. mine loco (first?) 8-7-09/227;252
General Electric: 3rd rail test loco. #4 8-2-02/150-152 & 1-28-05/159 Switcher #7 12-1-061066; 30 ton el. loco. 7-93/478-479; Combination trolley & battery loco. 3-12-21/494; El. loco. #18 7-21-23/109; Electric loco. for Paris Orleans Ry 4-6+6-4 12-8-23/968
Internal Combustion Loco. (Wilmington, Del) Combination gas loco and baggage compartment car looking like 4-4-0 loco., 450 hp 1-2-15/68
Prouty Pierce Loco. Mfg. (Kansas City, Ks) gasoline loco for industrial use 6-18-04/973;
Thomson Houston Electric Wks, Lynn, Mass. 9-92/526 & 528 loco pixs.
Westinghouse : El. loco. 3-96/192;

MISCELLANEOUS
Emblems (logos) 45 different st. rys. 9-3-27/382-386
Finances of El. Rys: First issue in January gave a listing of lines going into receivership, foreclosed, reorganized, etc. . for the previous year. This was a regular feature from 1909 or earlier until the late 1920s.. From 1916 and to a lesser extent earlier up into the early 1930s the magazine carried much current news on bankruptcies, competition , reorganization, and line closures. I index very few. (Possibly I should have indexed all.)
Future - Super highway with rapid transit line between 7-12-24/52
Government Ownership: State ownership and maintenance of way subsidies for st. rys urged 9-27-19/645-647;
History of street railways for 50 years - horse, cable, el, elevated, M.U., jitneys & buses, trolley buses 9-15-34/306-376
Leiper, Thomas: first tramway in the U.S. 9-86/430-431;
Lost & Found Dept: 9-8-17/387-389;
Mass transportation - Handling 70,000 employees at Ford's Highland Park plant 9-15-23/399-402
Miniature amusement park electric trains - at Hershey Park, Pa. 10-15-10/854;
Negroes and whites using same door on Birney cars - no problem 1-24-20/185;
Pan American Exposition (Buffalo) RR & street ry service 7-6-01/31-35;
Public relations; There were various articles on this subject over the year. I only indexed the longest 10-10-14/737-752; traffic solutions 10-8-10/540-?;
Rapid transit - elevated and subway 6-14-30/391-397; Evolution of mass transportation 1932 - on 9-15-31/496-502;
St Louis Exposition El. Ry display 11-1-02/734-737
Speed: Street car speeds in 24 U.S. cities 3-37/91-95
Telegraph vs telephone for communication 3-21-14/639
Telephoning from interurban cars, St. Louis, St. Charles & Western Ry 1-5-01/78;
Tickets: Weekly & monthly tickets 9-30-22/519-524
Trip of 2050 miles Utica to Louisville and back in 13 days 3-12-10/461
Trip thru Indiana and Ohio, 782 miles 12-31-04/1149-1150;
Trip New York City to Boston, 25 hours 12-10-04/1044;
Univ. of Illinois electric test car 6-9-06/907-908;
War time: Electric Rys 5-12-17/866-869
Weems experimental high speed car 4-91/177-184
Worcester Polytechnic Institute: Street car test plant 2-15-98/254-255;
Y.M.C.A. facilities for electric rys. 7-7-06/15-17;

RAILWAYS
Bankruptcies in 1895 (49) 5-96/269;
Cable Rys, History of 5-95/311; Heckert cable ry. system 8-88/193-195; Leavitt elevated cable Ry 9-87/765; Euphrat El. Ry- cable system 10-87/858-859; Gould cable ry system 5-86/242-243 & 3-87/260;
Electric Ry pioneer designer and builders biographies 2-94/111-114;
Elevated Rys: Problems and results in N.Y. and Chicago with maps, steam versus electricity 12-98/755-763'; Riley Elev. Ry system 8-86/378-381; Mack's Elev. Ry 4-86/190-191
Interurban Rys 6-95/396-399; Problems of interurban and elevated rys 7-99/467-471
Pneumatic St. Ry system: Judson 7-89/175-178;
Rack Rys: History and list of them 9-93/587;
Revenues of all companies in 1904 and 1905 in descending order from $22M to $25,000. 6-30-06/1012-1015;
Street Ry history: 10-94 souvenir edition./69-88; Horse car history 1840-1888 3-88/61-62; Electric Ry history prior to 1888 10-8-04/559-562; history 1894-1904 10-8-04/590-600;
Survey in U.S. by states of horse, electric, cable and other street Rys. 8-986/502. (This survey appeared each year for possibly a decade. See individual volumes for other years.).
Bentley Knight electric Ry. system 2-99/25-28
Daft Electric: History 10-8-04/528-534; Tests of loco. on Saratoga & Mt. McGregor Ry 12-85/43-45. 21887 issue had much on Daft system; Test of car "Franklin" 12-88/347-348; Johnson Lundell Surface contact el. ry. system 6-94/378-380
Julien El. Co. Car #1 3-87/257-258, 279 & 12-88/322-323;
Short & Nesmuth Electric Ry system 7-87/589-591
Short Electric traction system 5-88/113-116
Sprague, Frank J. electric Ry system: memoirs 10-8-04/566-575. 1887 issues had much on Sprague system
Van Depoele electric Ry system 9-86/425-427

SAFETY
Note: There were a fair number of articles on this subject which I did not index or indexed only to the railway doing it.
Teaching kids about accidents 12-13-13/`1222-1226
Safety promotion by Public Service 210-10-14/762-764
Safety took entire issue of 7-22-22;
Safety of one man cars & Birney cars 5-31-24/853;

SIGNALING
Boston & Worcester Ry system, V.32 1908/930-931
Boston Elevated Ry block signaling 4-5-02/403-410;
9i
TRACK
Conduit for electricity system of Munsie-Coles 1-92/506;
Crossings, track 8-21-20/361;
Crossing signals: wig wag 7-22-16/151; highway crossing protection 1-23-15/174-179;
E. W. Farnham third rail system 11-9-01/718-719;
Love electric conduit system 6-93/404-405;
Rail: Girder type 12-25-15/1246-1251
Ties: Steal and concrete roadbed 10-19-12/883-885
Track construction: Special issues on all aspects plus new car development, shops, frt. service 10-4-13/525-634
Wheless El. Ry. Co. underground conduit system 6-93/394-398;

STREET RAILWAY REVIEW 1891-1906
ELECTRIC RAILWAY REVIEW 1906-1908

This was an excellent magazine for historians. It was a monthly magazine until 1906 when it became weekly. I indexed usually only the illustrated articles.

Multi page articles with no brief description are articles describing the company, usually with numerous pictures.
Indexing varies as to volume, issue, and year depending on how the page heading was/wasn't. When a ? follows a car number, I was not sure of the number because I did not have a magnifying glass.

UNITED STATES AND CANADIAN ELECTRIC RYS

Akron Bedford & Cleveland Ry: car #16 V5 1895/743; V7 1897/95-96; Snow plow car #100 V7 1897/237;
Albany & Hudson Ry & Pr: Cars #20 & 36 10-15-00/614-615; 3rd rail system 1-15-01/26-29; Car #30 8-20-02/462-468; 8-20-03/505-508;
Albany Ry: Express service V.6 1896/279-281;
Alleghany Traction Co: 9-91/391;
Allegheny Valley St. Ry: Shop & car #18 1-4-08/10-13;
Alton Granite & St. Louis: Car #51 5-15-05/327;
Amarillo St. Ry: Car #50 1-11-08/61;
Ashland & Catlettsburg St. Ry: Crossing the C&O RR at Ashland V5 1895/405-407;
Asheville & Craggy Mountain Ry: El. loco. #1 8-15-01/505;
Atchison Ry Lt & Pr. Car barn V9 1899/37-39;
Atchison St. Ry (Ks): Funeral car 8-981/316-317'
Atlanta Consolidated (St.) Ry (Ga) : Party car V6 1896/412; pneumatic snow plow V7 1897/153; Car #16 V7 1897/246; Car #64 6-15-99/389;
Atlanta Northern Ry (Ga): & car #301 9-15-05/585-587;
Atlanta Ry Co: 38' car #5145? 2-15-98/129;
Atlantic City & Ocean City RR: Carries autos on flat car trailers 8-17-07/197;
Atlantic City & Shore RR: Ocean City extension and drawbridge 7-6-07/14-17; ticketing? 1-11-08/41-42;
Atlantic City Ocean Pier Ry: 2'9" Ry V7 1897/554;
Atlantic Consolidated El. Ry: Car #83 5-15-00/266;
Atlantic Shore Line Ry (Me): Described 8-24-07/214-219;
Augusta El. Ry: 8-91/306-308;
Augusta Ry & El. Co: Employee's club rooms 7-15-01/408; Roofless car 8-20-02/461;
Augusta Winthrop & Gardiner Ry (Me) : Express car 5-20-04/320; Car #19 4-20-03/246;
Aurora & Geneva Ry: Converting cars to vestibules V7 1897/18, 36-38; Map V9 1899/157;
Aurora DeKalb & Rockford Ry: Car #8 9-7-07/298;
Aurora Elgin & Chicago Ry: Car 3309 11-16-07/782-784; Car #206 2-8-08/178; Milk traffic 3-7-08/296-297; Advertisement 1-4-08/14-15; 8-20-02/441-459; buffet parlor car 9-20-04/584; Trade mark 9-20-04/591-593; Newspaper & milk car#4 11-20-04/912; 5-15-05/286-289; 6-15-05/350-355;
Aurora St. Ry (Il): Snow plow V6 1896/3; 3-91/81-84;
Austin El. Ry: Open car 6-20-03/364;
Austin Rapid Transit Ry (Tx): Rebuilt car #18 3-15-98/198-200; Decorated car V9 1899/20;
Baltimore City Pass. Ry: Special car V9 1899/169;
Baltimore Consolidated Ry: Parlor car V9 5-15-99/328;
Bangor Orono & Old Town Ry: Snow plow 3-15-00/153;
Bangor Ry & El. Co (Me): Electric frt. service (no pix) 9-7-07/278-279;
Beaver Valley Tr. Co: Car #40 5-20-02/293;
Bellaire Bridgeport & Martins Ferry El. Ry: 11-15-93/693-694;
Bennington & Woodford El Ry (Vt) V6 1896/301-302;
Benton Harbor & St. Joseph El. Ry & Lt: Car #32 7-20-03/433;
Bergen County Tr. Co (NJ): V7 1897/701;
Berkshire St. Ry: A.C. power 2-15-02/65-69; Power house 11-20-02/813-817;
Binghamton RR (NY)L Car #201 & trailer V6 1896/211-212; Amusement park 3-15-02/157-159; Bridge collapses with trolley on it 6-20-07/331;
Birmingham Ry & El (Ala) Advertising car V5 1895/408 Amusement park 3-15-02/157-159; Suburban train with #142 10-15-01/801; 12-15-01/913-914; Amusement park 7-20-02/415; Car house & shop 1-20-03/39-41; 4-20-04/225-237;
Black River Tr. (Watertown, NY): Cars 2-1-08/144-148;
Boise & Interurban Ry: Car #4 10-14-07/474; Described 3-14-08/320-324;
Boston & Northern St. Ry: 9-15-05/581-583;
Boston Elevated Ry (also operated the street railways) : Proposed Dudley St. terminal changes 2-2-07/164-165; Proposed extension 6-1-07/709-712; Station change at City Square 11-2-07/738-739; Trade mark 9-20-04/591-593; Station 5-15-98/342; Described 8-15-98/525-542; 3-15-00/121-139 & 4-14-00/185-195 & b5-15-00/246-256 & 5-15-00/286 2 car test train; 5-15-01/306-307; Car #634 or 934 7-15-01/450; Lincoln power house 8-20-02/490; New cars 8-20-04/556; Construction car 1-15-05/10-11; Steel car #5000 for tunnel service 6-16-05/393-394;
Boston Subway: Construction progress V6 1896/667-668;
Bozeman St. Ry (Mont.) Car #2 V9 1899/22;
Brigantine Transit Co (NJ) Double deck car #2 and ex elevated loco for frt. 9-15-93/566;
Brighton St. RR: Adv. car and amusement park V9 4-15-99/230;
Bristol & Plainville Tramway: Car house & office 9-20-04/595-597;
British Columbia El. Ry: 7-20-04/461-464;
Broadway Cable Ry (NYC): 2-15-93/71-76;
Brockton & Plymouth St. Ry: Amusement parks 8-20-04/513-515;

The last volume was #19 in 1908. On 5-30-08 it was merged into the *Street Railway Journal* to form the *Electric Railway Journal.* I did not index vol. 2, 4,& 5 - 1892, 94 & 95 and 1906.

Indexing varies as to volume, issue, and year depending on how the page heading was. When a ? follows a car number, I was not sure because I did not have a magnifying glass.

Abbreviations: El. - Electric, Tr. - Traction, St. - Street, pix - pictures, sta - station, frt - freight

Brockton St. Ry (Mass): New Brill car V9 1899/212;
Brooklyn City & Newtown RR: Car 10-15-00/619;
Brooklyn City RR: National Express Co car V6 1896/411; Snow plow #28 V5 1895/42-43; Described V5 1895/409-411; Converts old cars mail R.P.O. cars #1 V9 1899/63; Car #788 closed & open V9 1899/114; Handling express 4-15-00/199-205; Car #24 & RPO car;
Brooklyn Heights RR: Parlor car "Amphion" V6 1896/81; Party car "Columbus"? V6 1896/544; New line to Coney Island opened, ex N. Y. & Sea Beach RR: 6-15-98/373; Car with bucket seats 2-15-01/128; Work car #84 2-20-04/132; Tower car #238? 6-20-04/427;
Brooklyn Rapid Transit Co: 9th Ave & 20th St car barn 1-12-07/37-38; Maspeth car house 2-9-07/190-191; El. loco. 3--2-07/297; steel car #3556 5-11-07/620; Nostrand Ave. plant 10-5-07/400-403; St. Car #2570 10-26-07/705-707; Maspeth shop 12-07-07/894-896; Manhattan terminal extension of Brooklyn Bridge over Park Row 2-1-08/154-156; Elevated car #1413 2-8-08/171-173; Acquires N. Y. & Sea Beach RR, map 2-15-98/128; DeKalb Ave. street cars with bicycle racks 2-15-98/108; Map V9 4-15-99/277-278; 9-15-01/548-559; Car with individual seats 9-15-01/604-605 & 10-10-01/667-668; Express car #152 1-20-04/66-67; Frt. car #406 9-28-05/679; Gondola car #416 9-29-05/713;
Buffalo & Depew Ry: 6-15-01/346-349;
Buffalo & Lockport Ry: 11-15-98/832-834; 6-15-01/3421-344; Frt. train 11-20-02/818-820 pix;
Buffalo & Niagara Falls El. Ry: & Car #27 V5 1895/625-628; V7 1897/654-655;
Buffalo City Ry: 500 hp steam engine 12-91/557-558;
Buffalo Springville & Vallarough Ry: High bridge 6-20-02/329;
Butte El. Ry: Silver Bow, Mont. V9 1899/176-177; Columbia Gardens park 8-15-00/437-438; 11-20-03/897-901; Ore cars 5-20-04/329;
Butte Consolidated Ry: Ore cars V6 21896/793 & 3-15-98/171;
Butte St. Ry: Car #2 carrying bicycles V5 1895/581;
California St. Cable RR (San.F.) Car #1 1-15-02/17-20;
Calumet El. St. Ry: Emergency cars & party cars V5 1895/648-649; Snow plow V7 1897/141; V7 1897/497-500; Decorated car 6-15-98/371-373; 10-15-99/660-661 or 666-667; Service cars 12-15-99/823-825; Terminal sta. V9 1899/52-53?;
Camden Interurban Ry (WV) Car #110 10-20-03/865;
Capital Tr. Co (D.C.) Union sta. 7-15-98/440-442;
Carpenterville Aurora & Elgin Ry: V7 1897/37-39;
Cayadutti El. Ry (Gloversville, NY) Car #1 3-15-93/162-163;
Cedar Rapids & Marion City Ry: Express car 7-15-93/432; 4 & 8 wheel cars V6 1896/97-99;
Central Tr. Co (Pittsburgh): 9-91/389;
Charleston Consolidated Ry: & Isle of Palms line V9 4-15-99/268-269;
Chattanooga El. RR: Lookout Mtn. line Presidents car 6-91/239; Mission Ridge line 11-91/516-517 & 12-91/562-563;
Chautauqua Tr. Co: (NY) Car #103 9-20-04/654 pix;
Chicago Rys: New car 2-29-08/265;
Chicago & Indiana Air Line Ry: pix car #1 9-20-04/654;
Chicago & Joliet El. Ry: Dellwood Park 2-16-07/224-227;
Chicago & Joliet Interurban Ry: 1-15-02/4-13;
Chicago & Milwaukee El. RR: Receivership 1-4-08/17 & 2-1-08/156-157; Described 8-15-98/560-563; Interurban car 10-15-98/767; Peckham rotary snow plow V9 1899/23; 10-15-99/665-674; 12-20-04/925-936;
Chicago & Saint Louis El. Ry: 1-93/18-20;
Chicago & South Side Rapid Transit: Construction 4-91/120-124; 63rd St. bridge over I.C.RR 6-15-93/353;
Chicago & Southern Tr. Co: Described 3-21-08/352-354;
Chicago Cable Ry: LaSalle St. tunnel under Chicago River 11-91/511-513;
Chicago City Ry Co: Power house 1-93/33-36; Car barn fire kills 461 horses 10-15-93/652; Pix pass. on car roofs for Worlds Fair 12-15-93/774; Pay as you enter car #5244 9-21-07/332-334; Track reconstruction in concrete 10-5-07/394-397; Shop and car house 4-4-08/410-418; New open cars V6 1896/338; Party car #369 & R.P.O. car V6 1896/365; Cable car house burns big fire V6 1896/508; Party car charter prices V6 1896/543; Cable Ry grip cars for mail service V6 1896/801; new Cottage Grove car barn V7 1897/33-35; Repair shop 1-15-98/20-24; 4 wheel noiseless car 3-15-98/199; Maintenance wagon #1 6-15-98/383; dinky loco. #2 for coal handling 9-15-98/722; Map V9 5-15-99/338-339; 10-15-99/649-654; R.P.O. car #3 4-15-00/236; Car #2501 2-15-01/131; Car house at 77th St. 4-15-02/207-208 & 8-20-02/500; Car #2501 8-20-02/462-468 pix; New shop 12-20-02/883-886; Car #5076 9-15-05/591-595;
Chicago Consolidated Tr.: 10-15-99/663-665;
Chicago El. St. Ry: Funeral service (no pix) 8-15-99/527;
Chicago El. Tr. Co: Storage battery car tested 2-15-98/73-79; McGuire sweeper car & funeral car "Virginia" 3-15-98/148 & 166; Sweeper & snow

plow V9 1899/200; Harvey charging sta. V9 7-15-99/500; 10-15-99/667-669; Comparison of storage battery and trolley cars 10-15-01/764-765;
Chicago General Ry: 10-15-99/665;
Chicago Harvard & Geneva Lake Ry: Pass. & frt. & car #1 12-15-99/861-863;
Chicago Lake Shore & South Bend Ry: Car #1 and work car 5-23-08/628-629;
Chicago Suburban Ry: V7 1897/608;
Chicago Union Tr. Co: Reorganization 8-31-07/249-250; Track reconstruction in concrete 10-5-07/394-397; 10-15-99/654-662; R.P.O. car #6 9-15-00/535; New car house 7-15-01/428; Car #4724 1-20-04/60;
Choctaw Ry & Lt.: Cars 4-4-08/422-423;
Cincinnati & Columbus Tr.: Car #2 9-28-05/680;
Cincinnati & Hamilton El. St. Ry: V9 1899/50-51;
Cincinnati & Miami Valley Tr.: El. traction on Miami & Erie Canal 8-15-98/563; Washouts V9 1899/101; Wreck V9 1899/142;
Cincinnati Bellevue & Dayton Ry: Flood V7 1897/142;
Cincinnati Georgetown & Portsmouth Ry: Car #145 3-20-03/180;
Cincinnati Hamilton & Dayton Tr.: steam car 3-15-98/2155-156;
Cincinnati Newport & Covington Ry: Sweeper car #4 V9 1899/23;
Cincinnati St. Ry: Parlor pleasure car V6 1896/526; Price Hill line V5 1895/339-340; Shops V7 1897/181-184; Hunt St. power sta. 10-15-98/714-716; division sta. 6-15-00/345-348;
Cincinnati Tr. Co: Work and wreck car #2-9-07/191; Car #1731 11-16-07/808;
Citizens El. St. Ry (Vincennes, Ind:) Vestibule attached to car #30 12-15-93/773;
Citizens Ry (Detroit) Ends horse cars V5 1895/756;
Citizens Ry (St. Louis) Single & double truck car costs 9-15-98/607-613;
Citizens St. RR (Memphis) Rebuilds horse cars for electricity #206 & 207 V5 1895/296;
Citizens Tr. Co (Oil City, Pa.) Car #12 1-15-01/56;
Citizens Tr. Co (Oshkosh, Wis): 3 phase electricity 10-15-99/711-712;
Citizens Tr. Co (Pittsburgh): 9-91/385-385;
City & Suburban Ry of Washington (DC) V9 6-15-99/371-372;
City El. Ry (Decatur, Il) Transfer house V6 1896/173;
Clay St. Cable Ry (San Fran.) Original grip car and track display 6-15-93/347;
Cleveland El. Ry: Crane car 10-17-07/595;
Cleveland & Eastern El. Ry: 3-15-01/142-144; Car #41 snow plow 10-20-02/800;
Cleveland & Elyria El. Ry: Scenes and car #5 V6 1896/406-407; Car #25 V5 1895/743;
Cleveland & Southwestern Tr: New cars 12-15-05/893-894;
Cleveland City Ry: Car #104 10-15-93/642; V6 1896/461; Car #412 10-15-99/731; Car shop 5-15-00/264-265;
Cleveland El. Ry: Test of Mehling car, #294, 3-15-93/164-165; Sweeper car 7-15-01/447; Car plunges off Central Viaduct kills 17 V5 1895/733-735; Car #401 12-20-04/960;
Cleveland Electric Depot Co: Frt. sta. for all interurbans 9-20-03/720-721;
Cleveland Elyria & Western Ry: Double truck car 8-15-98/591;
Cleveland Medina & Southern Ry: 3-15-98/169;
Cleveland Painesville & Eastern Ry: Car #60 8-15-98/598;
Cleveland Painesville & Ashtabula Ry: New cars 11-20-03/935;
Coeur d'Alene & Spokane Ry: Express car #151 2-20-04/113; Car #9 6-15-05/390;
Colorado Springs & Suburban Ry: Open car 7-20-02/426;
Columbia & Maryland Ry Described but no pix V7 1897/154-156;
Columbia El. St. Ry Lt & Pr Co (SC) : 6-15-93/376-377; 2-20-03/61-65; Car house 8-20-03/457-460;
Columbia Ry (DC) cable line V5 1895/141-144 or 441-444; V9 6-15-99/370-371;
Columbia Tr. Co (Pa) Wreck car #61 kills 6 V6 1896/538-539;
Columbus Buckeye Lake & Newark Ry: Car #68 11-15-01/852;
Columbus Central Ry: Parlor car V7 1897/20;
Columbus Grove City & Southwestern Ry: Car #72 8-20-02/462-468;
Columbus London & Springfield Ry: Car #49 11-15-01/852; 9-20-03/735--742;
Columbus St. Ry (Oh) Party car V5 1895/635-638;
Commonwealth Ave. St. Ry (Boston) Open car V9 1899/60;
Concord Maynard & Hudson St. Ry 2-15-02/112;
Conestoga Tr. Co; 4 wheel car #127 1-12-07/64;
Consolidated Ry of Baltimore: Open car V9 1899/40;
Consolidated Tr. Co (Pittsburgh) Pix tearing up 5th Ave cable track V6 1896/580; Shop 7-15-99/445-449; Described V9 1899/135-138;
Consumers El. Lt. & St. Ry (Tampa): Open-closed car 7-15-98/459;
Covington & Cincinnati St. Ry (Ky) Parlor car "Blue Grass" V5 1895/307
Cripple Creek District Ry: Described 10-15/98/707-710;
Dallas Consolidated Ry: Open car #333 10-12-07/636;
Danbury & Bethel St. Ry: Car #19 10-17-07/597;
Davenport & Rock Island Ry: 5-91/174-178; Park 7-15-93/428-429;
Dayton & Western Tr. Co: Excursion 3-15-00/157; Handling frt. & express 4-15-00/199-205; V9 1899/170-172;
Dayton Springfield & Urbana Ry: 9-20-03/735-742;
Dayton Tr. Co: Cars to Miamisburg V6 1896/435-436;
Delaware County & Philadelphia El. Ry: Car #5 V.6 1896/89;
Denison & Sherman Ry (Tx) 9-15-01/572-574;
Denver City Tramway: Plow car for street surfacing #40 2-23-07/263; Car #355 4-6-07/452-454; Trailer and motor cars #30, 37 & 508 5-4-07/578-583; Converting from cable to el. traction 5-15-00/284-285; Cars #177, 305 5-20-02/269-273; Flat car and a summer/winter car 9-15-00/509; Denver loop sta. 3-15-01/144; Private car #01 6-20-03/353; Horse car #47 & 57 carrying horse down hill V6 1896/215; Sprinkler car #132 V6 1896/231; West Side Pr. Sta. wrecked by boiler explosion V5 1895/121-122;
Denver Consolidated Tramway: Advertising and repair V6 1896/178;
Denver Lakewood & Golden RR: V6 1896/767;
Derby St. Ry (Ct): 7-15-00/381-382;
Detroit & Pontiac Ry: Frt. service V7 1897/841; Car #6 with air brakes V9 1899/58; Car #5 V9 5-15-99/360;
Detroit & Port Huron Shore Line Ry: 9-20-02/526-533;
Detroit & Toledo Short Line Ry: Car #30 10-11-01/704;
Detroit Citizens St. Ry: Funeral car V7 1897/700;
Detroit El. Ry Co: Inspection car #88 with portable turntable 8-15-98/578;
Detroit Flint & Saginaw Ry: 12-15-05/849-853;
Detroit Lake Shore & Mt. Clemons V9 6-15-99/399;
Detroit Monroe & Toledo Short Line Ry: 1-15-05/45-47;
Detroit United Ry: Service car #1001 11-15-01/855-856; Handling express 1-15-02/24-27; Service cars 3-15-02/163; 9-20-02/507-525, 542-552; Funeral car 2-20-03/68; Portable concrete mixing plant 8-20-03/448-450; Snow plow 3-20-04/189; Trade marks 9-20-04/591-593 Map 8-15-05/499-500;
Detroit Ypsilanti & Ann Arbor El. Ry: 1-15-00/5-8; 9-20-02/537-542;
Dry Dock East Broadway & Battery RR: Universal street car V6 1896/328-329;
Duluth St. Ry: 7th Ave. incline 12-91/579-581; Office bldg. 4-11-08/456; shelter sta 3-7-08/292;
Duquesne Tr. Co: 9-91/386-387; Extra folding seats in cars V5 1895/752;
East St. Louis & Suburban Ry: Power plant 5-20-04/303-308;
East Side El. Ry (Kansas City): 10-15-00/578-581;
Eastern Ohio Tr. Co: Trade mark 9-20-04/591-593;
Easton & Washington Tr. Co: 9-7-07/275-277;
Easton Palmer & Bethlehem St. Ry: snow problems V9 1899/215; 12-15-99/829-830;
Easton Tr. Co: S. Bethlehem line 8-3-07/131;
Electric Depot Co (Detroit): Express service 9-20-02/533-534;
Electric Package Co (Cleveland) Express & frt. 4-15-00/199-200;
Elgin & Belvidere Ry: Described 3-9-07/322-326; Proposed extension 3-16-07/361;
Elmira & Horseheads St. Ry: Car #58 and track pix 10-15-93/621;
Elmira & Seneca Lake Ry: 9-15-00/515-518;
Evansville & Princeton Tr. Ci: Trade mark 9-20-04/591-593
Everett Ry & El. Co: Cars #3 & 5 collision V6 1896/765; Power plant 5-20-03/267-271; Extension to Snohomish 2-20-04/79-80;
Exeter Hampton & Amesbury St. Ry: 11-15-00/630-634;
Fair Ground Ry of St. Louis: Open cars 1897/383-384;
Fairmont Park Trans. Co: Tower car #100 1899/100; Described, no pix 9-15-05/557-558;
Federal St. & Pleasant Valley Ry (Pitts) 9-91/387-388;
Fitchburg & Leominster St. Ry & its park 3-15-01/164-166;
Fond du Lac & Oshkosh El. Ry: 4-20-03/229-231;
Fond du Lac St. Ry & Lt Co: Office and car house 7-15-01/457;
Fonda Johnstown & Gloversville RR: El. division 8-20-03/485-497;
Fort Dodge Des Moines & Southern Ry: Described 5-25-07/672-674
Fort Wayne & Southwestern Tr.: Trade marks 9-20-04/591-593;
Fort Wayne & Springfield Ry: Described 3-30-07/417-420; Reefer car 3-14-08/330;
Fort Wayne & Wabash Valley Tr. Co: Spy River power plant 3-16-07/352-354; Work car #20 2-1-08/156; Merit and demerit system 2-15-08/215-210; 6-15-05/348-349;
Fort Wayne Dayton & Cincinnati Tr RR: Map 2-15-02/95;
Fort Wayne El. Ry: 3-15-93/167-170; Sprinkler car 9-15-93/570;
Fort Wayne Van Wert & Lima Tr. Co: 1-15-05/27-31;
Fort Worth St. Ry: Staged head-on collision of 2 old motor cars 1896/673;
Fox River Valley El. Ry: Cars #2 & 4 11-15-98/785;
Front St. Cable Ry (Seattle) 9-91/374-375;
Galesburg El. Motor & Pr. Co: Snow plow 1897/125;
Galesburg Ry & Lt. Co: Power plant 6-15-05/363-368;
Galt Preston & Hespeler St. Ry: Frt. service and bag-frt. car #12 1895/763-764;
Galveston City RR: Great storm 10-15-00/610-611; Power sta.,12-20-02/869-874; Car #80 1-20-03/60;
Galveston St. Ry: 8-91/321-323;
Georgia Ry & El Co Car #457 9-20-02/595; Line car #700 12-20-02/890-892;
Gettysburg El. Ry: 10-15-93/635-637;
Grand Rapids Grand Haven & Michigan Ry: Trade mark 9-20-04/591-593;
Grand Rapids Holland & Lake Michigan Rapid Ry: 3-15-02/127-137;
Grand Rapids Ry: Parks 5-9-08/575-576;
Grand Valley Ry (Ont.) Map and extension 2-8-08/177;
Grand View Beach Ry (Rochester, NY) 12-91/555-556;
Grays Harbor El. Co: Cars #4 & 5 8-15-05/497;
Great Falls El. St. Ry (Mont.) Incline Ry 1895/291-292
Hamilton Grimesby & Beamsville El. Ry: Frt & Pass. rates 3-15-98/176-178; 1895/332-334;
Hamilton Incline Plane Ry (Ont.) No pix 1895/94; See also Mount Hamilton Incline
Hamilton Radial Ry: 1895/30;
Hamilton Terminal Co (Ont): New sta. 11-2-07/736-737;
Hanover & York Ry (Pa): 3-7-08/288-291;
Hartford St. Ry: 1897/366; New track 4-20-03/202-204; Power sta. 7-20-03/373-381; Snow plow 10-9-01/648;
Hestonville Mantua & Fairmont Pass. Ry: Joint traffic ticket to Cape May with ship company 1896/472; party trolley "Mascot" 1895/506;
Highland Park & Fruit Vale Ry (Pitts.) car #1 3-91/98-99'
Houghton County St. Ry (Mich) Car #9 9-15-01/608;
Hudson & Manhattan RR: Cars 6-15-07/782-786; Car elevator 12-28-07/986;
Hudson Pelham & Salem El. Ry: Car #62 3-20-03/179;
Hudson Valley Ry: Snow plow substituted as a loco 2-15-02/88; Described 4-15-02/193-200; 8-20-03/508-509;

Illinois Tr. Co: Peoria power sta. 2-22-07/251-254; El. loco #102 3-16-07/351; Decatur shops 7-6-07/13-14; Reefer car #1801 12-14-07/922-923; 12-21-07/945; new loco. #1550 12-28-07/984-986; timetable and advisement 5-23-08/626-627; 12-20-04/964-970;
Illinois Tunnel Co: Loco. #207 4-18-08/495; 4-20-04/250-251;
Illinois Valley Ry: Shelter sta. 3-23-07/395-396; 3-15-05/131-135 & power plant 4-15-05/229-231;
Indiana Ry Co: 8-15-01/424-432;
Indiana Union Tr. Co: Anderson shop 1-18-08/66-74; Parlor car design 2-2-07/160; Northern Division 12-20-04/945-958; concrete-steel arches 12-20-04/961-963;
Indianapolis & Cincinnati Tr. Co: Ticket 2-22-08/241-242; Trade mark 9-20-04/591-593; 2-15-05/87-90; Car #304 3-15-05/151-154;
Indianapolis & Louisville Ry: 11-30-07/852-857;
Indianapolis & Northwestern Tr. Co: Car #40? 9-20-04/664; Ticket 5-15-05/278-281;
Indianapolis Crawfordsville & Western Tr. Co: Described 5-23-08/616-623;
Indianapolis Greenwood & Franklin Ry: 6-15-00/319-321;
Indianapolis Newcastle & Toledo Ry: 4-15-05/207-208;
Indianapolis Tr. & Term. Co: New sta. 1-15-05/33-37; Crane car 4-15-05/221; Pass. & express sta. at Indianapolis 6-15-05/340-341;
Inter-Urban Ry (Des Moines) Loco. #1 9-20-02/584; Trade mark 9-20-04/591-593;
Inter-Urban Ry (Mich) : Saginaw River bridge accident kills 7 1897/501;
Interborough Rapid Transit (N.Y.C.) Lexington Ave. subway 4-13-07/486-490; subway car 2-29-08/262-264; Subway sta. 9-20-03/729-730;
International Ry (Buffalo): Car 5183 1-11-08/36-38; Broadway car house 4-18-08/476-479; 12-15-99/815-822; Snow plow #3 12-15-00/746; 6-15-01/334-339; Employee's outing 9-20-02/565; Carrying fruit carloads 11-20-02/818-820; Track construction 4-20-03/213-215;
Interstate Consolidated St. Ry (N. Attleborough, Mass) 8 wheel snow plow 2-15-00/75;
Interurban Ry. & Term. Co (Indianapolis) 11-20-03/872-881; Fry. & express business 10-20-04/797-804;
Iowa & Illinois Ry: Express car 10-18-07/618-620; Ry tickets 4-25-08/504-507; 2-15-05/71-80;
Ithaca St. Ry (NY): no pix 6-15-00/308-312;
Jacksonville St. Ry (Fla) First el. Ry 5-15-94/287-288;
Jamestown St. Ry: Car #16 10-91/450-451;
Jersey Central Tr. Co: Car #10? 1-15-05/65;
Jersey City Hoboken & Paterson St. Ry: Car barn fire 2-15-02/103;
Joliet Plainfield & Aurora Ry #12 3-20-04/185;
Kansas City & Westport RR: El. loco. #1 2-16-07/230;
Kansas City Cable Ry: history 10-15-00/582;
Kansas City Incline Ry: Pix 10-15-00/545;
Kansas City Leavenworth El. Ry: Combination car 1-15-00/35-36;
Kansas City Outer Belt & El. RR: concrete structures 8-24-07/225-227;
Kansas City Parkville & St. Joseph El. Ry: Organized & map 7-15-01/440;
Kenosha El. Ry: Car #125 10-15-07/508;
Kentucky & Indiana Bridge Co: Steam and electric Ry & car #42 1895/547;
Keokuk El. St. Ry & Pr. Co: 6-91/213-214;
Knoxville Ry & Lt. Co: Car house 4-13-07/496-499;
Kokomo Marion & Western Tr. Co: Described 5-9-08/560-565;
Lackawanna & Wyoming Valley RR: Trademark 9-20-04/591-593;
Laconia St. Ry (NH): Frt. car for express 7-13-07/42; 4-15-01/233-235;
Lafayette & Logansport Ry: Construction and bridges 5-4-07/588-591;
Lafayette St. Ry (Ind): 1-93/29-30; Main St. bridge 1897/436-437;
Lake Roland Elevated Ry: (Baltimore) 12-15-93/751-754;
Lake Street Elevated RR: Shop & car #114 1896/228-229; 10-15-99/680-682;
Lake Washington Cable RR (Seattle) Pix 9-91/372, 374;
Lancaster & York Furnace Ry: Car #7 2-15-05/119;
Lansing St. Johns & St. Louis Ry: Construction 2-15-02/110; Arnold electro-pneumatic Ry system 1-20-04/47-52;
Las Vegas & Hot Springs Ry: el. loco. #1 11-20-03/939;
Latrobe St. Ry (Pa): convertible 4 wheel car 11-15-05/839;
Lehigh Valley Tr. Co: Sprinkler car 9-29-05/723;
Lewiston Brunswick & Bath St. Ry 2-15-01/78-80;
Lewistown & Youngstown Frontier Ry: 1897/299-300; 1897/653-654; Frt. operations 1897/838; special car for Spanish Am. war veterans 10-15-98/751-752;
Lexington & Boston St. Ry: 7-15-01/417-420;
Lima & Toledo RR: Train dispatching system 3-23-07/394-395; Lima shop 7-27-07/100-101; Concrete bridge over Maumee River near Waterville 12-28-07/988;
Lindell Ry: Double truck car built by splicing two small cars 9-91/399; Depot 1-93/46-47; Vestibuled car #6 3-15-98/188;
Little Rock Tr. & El. Co: Car #235 3-20-04/201;
Lockport & Olcott Ry (NY) 6-15-01/342-346; Long Island El. Ry: 3rd rail on Manhattan Beach spur 4-15-99/272-273;
Lookout Incline & Lula Lake Ry: New line 1896/342-344;
Lookout Mountain line (Chattanooga El. RR) 6-91/239'
Lorain & Cleveland Ry: Snow plow 3-15-98/146;
Los Angeles & Pasadena Interurban Ry: Described 4-15-98/248-250; Express service & car #1 & 4 12-15-00/729-731; Obs. & other cars 12-15-00/743-745; Wrecking car & loco. 2-15-02/72-73;
Los Angeles & Redondo Ry: Loco. #407 and combination car 4-11-08/445-447;
Los Angeles Consolidated El. Ry: 2-15-93/67-70;
Los Angeles Ry: Car #219 3-15-02/141-144; Car #262 3-15-02/172-173; Shop 7-6-07/4-11; Emergency car and shop car 7-27-07/103, 104; Car #231 8-20-02/482;
Louisville Ry Co: Shops & power house 7-15-99/439-444;
Lowell & Suburban St. Ry: Amusement park 12-15-93/758-760;
Lynchburg Tr. & Lt. Co: Car #10 11-20-04/918-919;
Lynn & Boston RR: Car #30 1896/172; Snow flanger 12-15-01/902;
Macon Consolidated St. RR: Shops 1896/150;
Macon Ry & Lt. Co: Car #22 3-20-03/177
Madison City Ry: Motor car & 4 trailers 1896/540; Extension & trestle 1897/630;
Madison St. Cable Ry (Seattle) 9-91/375;
Mahoning Valley & Trumbill El. Ry: Frt. & express 4-15-00/199-200;
Mahoning Valley El. Ry: 1896/158-159; Opened & 5 cars on trestle 1895/770; Telephone system & car #107 1897/405; Express & frt. 3-15-98/178-179; car #20? 1899/113; 1-15-00/3-4; Construction car 10-15-01/794; trade mark 9-20-04/591-593;
Manchester & Nashua St. Ry: Described 3-16-07/356-359;
Manchester Tr. Lt. & Pr (NH) 5-20-04/273-280;
Manhattan Ry: 9-15-01/545-547;
Mansfield Ry Lt. & Pr. 6-20-04/357-359;
Manufacturer's St. Ry (New Haven, Ct) For frt. service using World's Fair 30 ton el. loco.
Marion Bluffton & Eastern Tr. Co: Described 4-6-07/463-465;
Marion City Ry: Car #12? 1897/694-696;
Market St. Ry (San F.) 25% grade 1895/525-527; 1200 hp engine generator 1897/147; Obs. car "City of Atlanta" 5-15-01/291-292; Convertible car 1-15-02/17-20;
Mason City & Clear Lake Ry: El. loco. #4 & cars 1897/794-795;
Meadville Tr. Co: Described 11-15-98/853-854;
Meriden Ry: Snow plow 3-15-98/146;
Metropolitan RR (D.C.) New conduit system 1895.465-467; Snow problems 1899/206-207; 6-15-99/365-370, 371; Automobile emergency truck 12-15-00/724;
Metropolitan St. Ry (Kansas City) 10-15-00/555-574; Mo. Riv. power sta. 6-20-04/373-385; Car #1054 1896/461; Central Ave. sta. 1897/561-563;
Metropolitan St. Ry (N.Y.City) Pneumatic tramway compressed air cars 9-15-01/594; Track at 8th Ave & 59th St 1897/522-523; Car #1330 3-15-98/180; Open car #974? 7-15-98/431; Open/closed car #1147 8-15-98/598; 9-15-01/535-539; Car #415 1-15-02/47; Lenox Ave. line & car #500 1895/401-403;
Metropolitan West Side Elevated RR: Car #724 1895/109-110; substation 1-19-07/69-72; Car #876 2-9-07/180-183; 4 track bridge over Chicago River 1896/14-15; Chicago term. 1896/240; track raising 1897/4211-422; 10-15-99/678-680; "West Side" #756 10-12-07/441-443; 1895/263-274; Car #790 9-20-04/663; funeral car service 7-15-05/447;
Michigan Tr. Co: Car #34 "Albion" 12-15-01/914;
Middleboro Wareham & Buzzards Bay St. RR: 1-20-03/1-8;
Middletown Goshen Tr. Co (NY) 1895/81-84, 151;
Middletown St. Ry (Ct): Car #12 running in a flood 1895/659;
Milford & Uxbridge St Ry 6-20-03/352-353;
Milford Attleboro & Woonsocket St. Ry: Power house 11-15-00/638-639;
Milford Holliston & Farmington St. Ry: trade mark 9-20-04/591-593;
Milford St. Ry: Wreck near Bridgeport mills 29 8-15-99/518-519;
Millcreek Valley St. RR (Oh) Car #101 1899/110;
Milwaukee Consolidated Ry: Kennickinnic car barn fire 1-93/8-9
Milwaukee El. Ry (& Lt.) Co: Work cars 9-27-05/650-653; Proposed extension 6-29-07/870-871;
Milwaukee El. St. Ry: history: 9-15-93/530-549;
Milwaukee Northern Ry: Described 12-7-07/882-890
Milwaukee Racine & Kenosha Ry: Snow fighting 3-15-98/144-145; 5-15-98/300-302; Car #15 after blizzard 1899/22;
Milwaukee rapid transit history: 9-15-93/530-549;
Milwaukee St. Ry: Car #145 accident on open swing bridge 1895/124; Employee strike 1896/262-263; Special car 1896/454; Combination car #197 1895/290;
Minneapolis Lyndale & Minnetonka Ry: Cars #12 & 18 pix 8-91/xxvii adv. ;
Minneapolis St. RR: Horse & steam cars for sale, car #62, steam car #11 8-91/xxvii adv. ;
Mobile St. Ry: Govt. St. car line 11-15-93/730-732;
Moline East Moline & Watertown Ry: Car #6 12-20-02/879;
Monongahela St. Ry: Car #1086 with electric brake pix 8-15-01/496l
Montreal Park & Island Rt: Car house fire 1896.528; 1895/603-609; Car #124 8-15-01/475;
Montreal St. Ry: 1-93/25-27; Described 1895/598-609; Sweeper car 1899/114-115; Car #701 8-20-04/555; Car #890 6-15-05/359; Obs. sight seeing car 8-15-05/477;
Mount Hamilton Incline RR (Ont) 1895/631-633 (See also Hamilton Incline)
Mount Lowe Ry: Car #7 5-20-02/269-273 6-20-03/327;
Mount Tom RR: (Mass) 1897/426-427; Ry & pavilion 10-15-01/765;
Muncie Hartford & Fort Wayne Ry: Trade mark 9-20-04/591-593; 12-20-03/941-952;
Narragansett Pier Ry: open car #12 10-10-01/687;
Nashville Ry & Lt. Co: Transfer sta. at Nashville 2-9-07/187; Car house 3-2-07/282-285; Car #434 9-21-07/354; Improvements 6-20-03/339-341; Transfer sta. 5-20-03/283-284;
Nassau El. Ry: Crossing fight with Long Island RR 1895/652;
National Express Co: express car #201 at Binghamton, NY 1896/211-212; 1896/411;
Neversink Mountain El. Ry (Pa) 8-91/324;
New Bedford & Onset St. Ry: 12-15-01/879-887;
New Castle Tr. Co (Pa) 1897/815-817; Convertible car #302 9-15-00/507-508;
New Haven & West Haven St. Ry: Power house 2-15-93/99-102;
New Jersey & Hudson River Ry & Ferry Co 12-15-00/700-702; Car #35 12-20-03/999;

New Orleans & Carrollton RR Lt. & Pr: Opened 2-15-93/77-78 & 3-15-93/73; 5-15-93/303-304; 7-20-02/379-392;
New Orleans St. Ry: Steam motor "West End" 1895/330-332;
New Orleans Tr. Co: Rebuilds car 6-15-99/390-393;
New York & Harlem RR: 4th Ave. line duplex track 12-91/595; 1907/383-384;
New York & North Shore Ry: Car #107 6-20-02/363;
New York & Stamford Ry: 2-15-05/95-97;
New York Auburn & Lansing Ry: Described 7-13-07/34-39;
New York City Rapid Transit: 4-91/133-138 & 5-91/167-173;
New York City Ry: Metropolitan car #1 10-26-07/709-710;
New York State Rys: Trade mark 2-8-08/182
Newburg & Amesbury St. Ry: Fire 7-91/287;
Newburgh El. Ry: 4-15-00/199-205;
Newport News & Old Point Ry: Car #49? 5-15-05/308;
Newton & Boston St. Ry Power house 4-15-93/244-246;
Newtown El. St. Ry (Pa) Car #14 3-15-00/131-133;
Niagara Falls & Lewiston El. Ry: Completed 1896/478; Convertible car #8 1895/774; 1897/651-653; Water problems 4-15-99/246, 269;
Niagara Falls & Suspension Bridge Ry: Rotary snow plow #2 1896/507;
Niagara Falls Park & River Ry: 11-15-93/689-691;
Niagara Gorge Ry: Winter scenes 1896/137; 6-15-01/340-342; Operation & cars 11-15-01/827-830;
Niagara St. Catharines & Toronto Ry & Nav. Co. Frt. development 11-15-05/821-823;
Norfolk Western St., Ry: New car 9-15-99/621;
North Chicago St. Ry: R. P. O. car 1896/70; Shops 1897/104; Compressed air car #18 10-15-99/729; Belgium steam motor tested (unsuccessful) 1-15-01/35;
North Jersey St. Ry: Shops 4-15-02/223-229;
Northern El. Ry (Oroville, Cal): :Described 6-8-07/738-744;
Northern Ohio Tr. Co: Opened to Ravinnia 1-15-02/55;
Northern Texas Tr. Co: 8-15-01/506-508; Private car "Sagamore" 11-20-02/855;
Northwestern Elevated . RR: Ravenswood extension 6-22-07/810-813; Wilson Ave. terminus 8-24-07/220-221; Car #265 4-25-08/500-502; To operated C.M.&S.P Evanston line 10-5-07/399; 10-15-99/684; Power sta. 7-1-5-00/369-375;
Norway & South Paris St. Ry (Me): snow plow 1896/287;
Oakland Consolidated St. Ry: Decorated car 1895/341;
Oakland San Leandro & Haywood El. Ry: Decorated car 1895/341; tickets 1895/5280529; piggy back frt. service & el. loco. #100 1896/55-56
Oakland St. Ry (Dayton, Oh) 4 wheel cars 1895/318;
Oakland Tr. Co: Calif. type cars 4-18-08/1479; 4000 gal. water car 5-30-08/656-657;
Oakland Transit Consolidated Co: 5-20-04/293-296;
Ocean Shore Ry: Described 8-3-07/124-128;
Ohio Central Tr. Co (Galion) 6-15-00/305-306;
Ohio River El. Ry & Pr Co: Frt. traffic, primarily coal 12-15-05/886-888; Car #10 4-15-01/251;
Old Colony St. Ry (Taunton Div.) Utility car 2-15-02/71-72; Line car 5-20-03/359; Pass. depot 9-15-05/581-583;
Olean St. Ry: Power sta. 7-20-03/383-385;
Omaha & Council Bluffs Ry & Bridge Co: Steel motor car pulls 9 trailers 1895/472; U. S. Mail 9-15-98/613-617; Described 5-15-99/296-300;
Omaha City Ry: Horse car #1. 1868 8-10-07/165;
Omaha St. Ry: Car M27-M39 1-15-98/39; Car house 5-15-99/311-312; Fire at car barn & office 3-15-01/183;
Oneida Ry: trade mark 2-8-08/182; Electrification Utica to Syracuse 6-22-07/814-816;
Oneonta Cooperstown & Richfield Springs Ry: Combination car 5-20-02/304;
Orange Mountain Cable Ry (NJ): 6-15-93/371-374;
Oregon El. RR: Catenary construction 2-22-08/252-253; Described 2-29-08/258-261; Ottumwa Ry & Lt. 6-1-07/714-715;
Oregon Water Power & Ry Co: Car #53 pix 9-20-04/654;
Ottawa El. St. Ry: Opened 10-91/453; Mail car #1 12-15-93/782;
Ottawa St. Ry (Ont) Santa Claus car 1897/10; Private car 11-15-01/871;
Pacific Electric Ry: Car #415 5-18-07/646-647; Cars #318, 411, 407, 55 7-20-07/64-67; Miscel. cars & loco #1010, #51, frt. cars 7-27-07/94-96; Interurban lines 8-31-07/245-248; Bridges 10-19-07/674-677; Monrovia sta. 5-16-08/595-596; Shop 8-20-02/481-482; Described 5-20-03/247-258 & 6-20-03/323-329; Obs. parlor car #318 6-15-05/356;
Pacific Tr. Co. (Wash.) Track laying 5-18-07/645;
Paducah Tr. Co: Motor car & trailer 8-24-07/221-222;
Parkersburg Marietta & Interurban Ry: Sweeper & flanger car #37 pix 6-20-04/412;
Pennsylvania Tr. Co: Car #60 1899/114;
Pensacola El. Terminal Ry: Car #50 pix 9-20-04/654;
Peoples Ry (Dayton, Oh): Car #146? 11-15-04/872'
Peoria & Pekin Terminal Ry: Car #55 12-15-99/868; Trade mark 9-20-04/591-593;
Petaluma & Santa Rosa Ry : Car "Petaluma" 9-20-04/655 pix; Crossing fight at Santa Rosa with Cal. N.W. Ry 3-15-05/194;
Philadelphia & West Chester Tr. Co: 9-15-05/555-557; Car #265-4-07/587;
Philadelphia & Western Ry: Described 6-15-07/770-777;
Philadelphia Rapid Transit Co: 69th St. & Market St. terminal 1-5-07/8-211; New Market St. elevated ry opened 3-9-07/315-318; Snow plow #3020 2-20-03/111; Crane car #2674 6-20-04/433; Car #2101 3-15-05/191; Subway and elevated Ry project 9-15-05/517-554; Kensington Ave. shop 10-15-05.740-741 & 11-15-05/826-827;
Phoenix City Ry: 1895/93-94;
Pittsburgh & Birmingham Tr. Co (Pa): 9-91/387;
Pittsburgh & Butler St. Ry: Described 4-27-07/547-554;
Pittsburgh & Westmoreland Ry: Car #101 11-23-07
Pittsburgh Allegheny & Manchester Ry: 9-91/389-390;
Pittsburgh Harmony Butler & New Castle Ry: Car 2-22-08/254;
Pittsburgh Knoxville & St. Clair St. Ry: history 1896/644-650;
Pittsburgh Rys: amusement park 7-20-02/415; Open car #3059 8-20-02/491; 4-20-03/185-198; Brunots Island power sta. 7-15-05/401-405;
Pittsburgh Tr. Co: 9-91/390;
Pittsfield El. St. Ry: Car collides with Pres. Roosevelts carriage killing one person 9-20-02/567;
Pleasant Valley Tr. Co(Pittsburgh): Viaduct 5-15-93/368-369;
Port Chester St. Ry: Parlor car "Larchmont" 10-9-01/647;
Portland & Yarmouth El. Ry: 9-15-00/492-494;
Portland RR (Me): 9-15-00/485-492;
Portland Ry Co: (Or) Car plunges off open draw bridge 11-15-93/721; Car #49 6-15-00/330; Car #36? & 116 4-20-04.215-217;
Portland Ry Lt. & Pr Co: Cazadero power sta. 5-11-07/608-612; Power plant 5-18-07/641-643; Car #1404 12-21-07/959;
Portsmouth (Oh) vestibule cars 1897/857;
Portsmouth Dover & York St. Ry: Mail & express car 2-15-05./129 ; car #26 3-15-05/187;
Portsmouth Kittery & York St. Ry: 3-15-01/155-156;
Poughkeepsie City & Wappinger Falls El. Ry: Car house 9-14-07/308-309;
Providence & Danielson Ry: 3-20-03/153-157;
Providence & Taunton RR: Described 11-15-98/790-791;
Public Service Co. of New Jersey: North Jersey shops 3-16-07/346-350 & 3-23-07/380-383; Camden shop 5-18-07/643-645; Car #2050 2-15-08/213; Trade Mark 9-20-04/591-593; Map 8-20-04/518; Ry. system 9-20-04.575-583;
Puget Sound El. Ry: Race track train 7-20-04/460;
Punxsutawney St. Pass. Ry: Car #39 8-20-02/498;
Quebec Ry Lt. & Pr.: Description of operations but no pix 10-15-00/590-594;
Quincy Horse Ry & Carrying Co: Car barn 7-15-00/385-386
Racine Horse Ry: 3-15-93/130-132
Rainier Ave. El. Ry (Seattle): 10-91/441-442;
Rainier Pr. & Ry: 9-91/376;
Raleigh El. Co: Car #22 & 24 4-20-03/216-217;
Rapid Ry (Detroit) 3 new special cars 1896/403; Car #7207 8-20-03/531;
Rapid Transit Tunnel ?& Ry (N.Y.City) 9-15-01/540-545;
Reading & South Western Ry: Car #101 1895/195;
Redlands St. RR: Car #2 3-15-02/141-144;
Rhode Island Co: Power sta. 2-20-04/82-88;
Richmond & Chesapeake Bay Ry: 10-19-07/666-670; Car #101 3-7-08/298-299;
Richmond Tr. Co (Va): 8-15-99/511-514;
Riverside Park Ry (Sioux City) 7-91/256;
Roanoke Ry & El Co: Open car #17 9-20-03/769;
Rochester & Eastern Rapid Ry: 1-20-04/37-42;
Rochester & Sodus Bay Ry: 3-15-01/145-147; Snow problems 9-20-02/575-576;
Rochester Ry: 10-91/449; Car advertising 12-15-93/779; Steel ties 11-15-98/792-794; Spliced car #300 9-15-00/536-537; Car #405 8-20-03/460-462;
Rochester Syracuse & Eastern RR: construction & map 12-15-05/869-870;
Rochester Tr. Co: sprinkler car 8-20-02/489-491;
Rockford & Interurban Ry: 6-20-03/307-316 & 7-20-03/389-394;
Rockfort & Freeport Ry: Car #1265 1-20-04/69;
Rutland St. Ry: Nose plow 3-15-98/146;
Saginaw Bay City Ry & Lt.: 6-15-05/335-338; Power house 7-15-05/409-413;
Saginaw Valley Tr.: Car barn & shop 12-15-05/861-863;
St. Joseph Ry Lt. Ht & Pr Co : Multiple unit 3-28-08/386-388; vestibule car 3-15-98/156;
St. Joseph Valley RR: Gasoline el. car #101 4-15-05/263-264;
St. Louis & Belleville El. Ry: 12-15-99/841-844;
St. Louis & (Illinois) Suburban Ry: Postal car 4-15-93/199-200; Coal train and loco. #10 11-15-01/868; Amusement parks 3-15-02/157-159; Louisiana Purchase Expo facilities 6-20-04/353-354; ; 9-20-04/621; 12-20-04/964-970;
St. Louis Ry: Cable Ry power sta. 1-91/8-12;
St. Louis St. Rys 9-20-04/618-621;
St. Louis Transit Co: Power sta. 11-15-01/813-824; 11-20-03/907-912; Loop and entrance to La. Purchase Expo 6-20-04/352 pix; 9-20-04/619-625?;
St Louis Water Works Ry: Car #22-15-02/100-101;
San Bernardino Consolidated. El Co: Car #4 1-15-02/17-20
San Diego Ry: double deck car #1 3-15-02./141-144;
San Diego El. Ry: Owned by A. B. Spreckels 7-15-93/425;
San Francisco Oakland & San Jose Ry: Trade mark 9-20-04/591-593; Car #507 9-20-03/771; Tool cars 6-29-07/866-869;
Santa Barbara Consolidated El. Co.: Car #1? 1896/762;
Saratoga Tr. Co: 2-15-00/64-65;
Savannah El. Co: hauling garbage 10-20-03/856;
Schenectady Ry: Plow #2 10-20-02/800; Car #608 6-20-04/421-424; 8-20-03/497-502;
Schuylkill El Ry: New cars 12-15-98/905;
Scioto Valley Tr. Co 9-20-04/561-570;
Scranton & Carbondale El. Ry: 11-15-93/697-698;
Scranton Ry: Track construction 11-15-99/744;
Scranton Suburban Ry: Early pix 6-15-00/322;
Seattle City Ry: 9-91/372-376 & 10-91/439-444;
Seattle Consolidated St. Ry: 10-91/439-440;
Seattle El. Ry: Shops 6-22-07/806-809; 1-20-04/1-12; Unique snow plow 2-20-04/122-123;
Seattle Tr. Co: Pile driver 3-15-00/151;

Second Avenue Pass. Ry (Pittsburgh): 9-91/388-389;
Second Avenue RR (N.Y.City) Compressed air cars 9-15-01/594
Seymour St. RR: Car 3-15-02/141-144;
Shelburne Falls & Colrain St. Ry 1-15-98/17-18;
Shreveport Tr. Co: Car #50 10-15-05/781;
Silver Bow RR (Mont) scenes 4--15-99/242;
Sioux City Rapid Transit: Steam powered elevated line 7-91/262-263;
Sioux City Tr. Co. New construction 1896/362; Sweeper car 1895/241-242; Advertising car 1895/670; 2-15-01/91-95;
South Chicago City Ry: Wrecking car 1895/384-385; Car #39 8-20-02/462-468; 10-15-99/669;
South Chicago El. Ry: 3-15-93/156-158;
South Seattle Cable Ry: 10-91/442;
South Side Elevated RR: to be electrified 1897/238; Power sta. 5-15-98./332-335; Storage battery operation 10-15-98/718-720; 10-15-99/675-678; Car #181 10-15-00/602; Car #263 11-15-05/810; Described 8-31-07/251-256; car #1000 11-9-07/764-765; Extension 2-29-08/269-272;
Southern Ohio Tr. Co Car #16 2-15-01/116 pix;
Spokane & Coeur d'Alene Ry: #3 dome car "White Wings" 2-15-93/92-93; R.P.O. car #42 9-7-07/278;
Spokane & Inland Empire RR: Spokane terminal 2-2-07/148-150; Circus train 6-29-07/872; Grain traffic 10-19-07/678; power system 10-26-07/697-701; shops 12-7-07/891; Parlor car service 12-28-07/977-979; 8-15-05/461-465;
Spokane Tr. Co: Car #13 5-20-04/337;
Springfield St. Ry: (Mass) 1897/492
Springfield Troy & Piqua Ry: 8-20-04/525-530;
Stark El. RR (Alliance, Oh) 8-20-03/525-528;
Sterling Dixon & Eastern Ry 11-20-04/859-862;
Steubenville Mingo & Ohio Valley Tr. Co: 4-14-01/217-218;
Steubenville Tr. & Lt. 2-20-04/93-101;
Stillwater & Mechanicville St. Ry (NY) Car #20 1899-60;
Suburban Rapid Transit St. Ry (Pittsburgh) 9-91/391;
Suburban Ry (Chicago) 1897/207-210; 10-15-99/667;
Sutro RR (San F.) Female president Dr. Emma Merritt 5-15-98/293;
Syracuse & East Side St. Ry: 1895/629-630;
Syracuse & South Bay Ry: 12-15-05/892-893;
Syracuse Lake Shore & Northern RR: Catenary 2-8-08/174-176;
Syracuse Rapid Transit Ry: discontinues last horse car line 10-15-00/609; Trade mark 2-8-08/182
Tacoma Ry & Pr Co: Accident kills 44 7-15-00/414-415 & 8-15-00/471 car #115 "Admiral Dewey"; Car #166 11-2-07/733-735;
Tamaqua & Lansford St. Ry: Car #28 11-20-03/933;
Terre Haute Indianapolis & Eastern Tr.: Improvements 11-9-07/755-759; Paris extension 12-14-07/924-926; Car #536
Terre Haute St. Ry: double decker car 1895/759;
Third Avenue. RR (N.Y. City) Compressed air cars 9-15-01/594; 8 R.P.O. mail cars, #A-H 1895/766; Combination car #701 built from old cars 7-15-98/466;
Toledo & Maumere Valley Ry: Bridge 1897/436;
Toledo & Monroe Ry: 7-15-01/403-407;
Toledo & Western Ry: Car 3-15-01/190;
Toledo Bowling Green & Fremont Ry: Pass. cash fare slip 1897/225-227;
Toledo Fremont & Norwalk RR: time table 8-15-01/480; 10-15-01/769-772;
Toledo Ry & Lt.: Car #536 1907 or 1908/692;
Toledo Tr. Co: Power house 1897/12-16; Spliced car #401 10-15-00/605;
Topeka Ry Co: Car #137 1-20-04/68; 11-15-05/787-793;
Tri City Ry (Davenport, Ia): Car #257 & 229 12-28-07/980; amusement parks 12-20-02/912-914; Car #206 5-15-05/313;
Trumbull El. RR: Express & frt. 3-15-98/178-179;
Tuscarawas RR (Midvale, Ok) 1897/43; woman supt. 3-15-98/189
Twenty Eighth St & Twenty Ninth St Ry: Test of McMahon's ammonia motor 1-93/7
Twin City Rapid Transit: St. Anthony Hill cable Ry counterweight system 5-15-98/286-288; Power house & shop 1899/74-82; 45' cars 1-20-04/30-33; Power house 7-20-04/441-445; Selby Hill tunnel 9-28-07/358-361; Shops 10-14-07/465-471;
Union Elevated Ry (Chicago): 1897/493-494; 10-15-99/682;
Union Pr & Transportation Co : Car barns at Chester & Reading, Pa. 5-15-00/267;
Union Ry (Providence): Kuhlman counterweight system 1895/205-207;
Union St. Ry (New Bedford, Mass: Frt. handling 4-20-07/523-525;
Union Tr. Co (Chicago) Open car #5921? 4-14-00/233-234;
Union Tr. Co (N.J.): Car #3 1897/553;
Union Tr. Co (Phila.) Power house burned 1897/148-149; Willow Grove Park 4-15-99/231-232; Open car #1161 8-15-99/547; Kensington shops 4-20-03/221-224;
Union Tr. Co. of Indiana: described with map 2-15-00/66-67; Business car #299, "Martha" 5-1-5-01/321; Portable sub sta. car 8-15-01/512; Power sta. 4-15-01/203-212;
Union Trunk Line (Seattle) 10-91/442-444;
United RRs of San Francisco: miscellaneous equipment 1-15-05/1-5; Car #1360 5-15-05/290; Shops 5-11-07/617; Track laying after earthquake 6-1-07/704-707;
United Rys & El. Co (Baltimore): Car house 2-22-08/232-234; 2 crane cars 5-30-08/658; funeral car "Dolores" 12-15-00/703-704; 8-15-01/465-472; Testing car 12-15-01/893; Power house 6-20-02/331-337; 6 R.P.O. cars 7-20-03/424-425;
United Rys of St. Louis: Power sta. 4-18-08/480-482;
United Tr. & El. Co (Providence) Shop 5-20-02/255-265; Express car #1260 6-20-02/341;
United Tr. Co (Albany, NY) Car #700 2-16-07/223; Express business 3-15-01/145-147; Paint shop 8-20-03/478; 8-20-03/502-505;
Urbana & Champaign El. Ry: 12-15-93/775-777;
Utah Lt. & Ry Co: #411 3-28-08/403; 10-15-05/725-730;
Utica & Mohawk Valley Ry: Trade mark 2-8-08/182; Car #18 11-20-02/848-849; Herkimer, West Canada Creek bridge 12-20-02/893-896; 10-20-03/773-786;
Vallejo Benecia & Napa Valley RR: Express car #1 7-15-05/432;
Victoria Ry & Ltg Co (Brit C.) Street car breaks thru bridge & 63 drown 1896/334;
Warren & Jamestown Str. Ry: Car #51 9-28-05/682;
Washington & Georgetown: cable Ry opened 4-15-93/257;
Washington Alexandria & Mt. Vernon Ry: Car #15 3-15-01/173; 2 car train #15 & 107 6-20-02/348-350;
Washington Baltimore & Annapolis Ry: Cars #20, 51 10-12-07/438-440; Described 2-15-08/200-211; single phase A.C. 10-20-02/789-793;
Washington Water Power Co(Spokane): Car #44 8-15-00/466; Car #90? 2-20-04/116;
Waterloo & Cedar Falls Rapid Transit Ry: Frt & express 4-15-00/199-205
Waterloo Cedar Falls & Northern Ry: 4-4-08/425-426;
Watertown St. Ry (NY) Car house 1-93/41;
Waukesha Beach Ry: 1895/396;
Wellston & Jackson Belt Line: Car #1 10-15-99/721;
West Chester St. Ry (Pa) Car #3 12-20-02/922; mail car #1 1895/364-365;
West Chicago St RR: Crossing of another cable Ry 5-15-93/328-329; first R.P.O. car 10-15-99/690;
West End Pass. Ry (Pittsburgh) 9-91/389;
West End St. Ry (Boston) subway 8-15-98/544-545;
West End St. Ry (Everett, Mass) Car barn fire 1-15-98/51;
West Penn Rys 4-15-05/197-202; Trade mark 8-15-05/465;
West Seattle Cable Ry: 9-91/375-376. 377;
West Street & North End El. Ry (Seattle) 10-91/441;
Western Massachusetts St. Ry: 12-15-05/881-885;
Western Ohio Ry: 12-20-02/907-910; 3-20-04/137-144;
Wichita El. Ry & Pr Co: 12-15-00/749-750;
Wilkes Barre & Hazelton Ry 11-20-03/887-895; Sub sta. car #2 11-20-02/851;
Wilkes Barre Dallas & Harveys Lake Ry: 1899/131-134;
Williamsport Pass. Ry: 12-91/581;
Wilmington City Ry: Parlor car #201 1897/42;
Windsor Essex & Lake Shore Rapid Ry: Described 12-21-07/946-953;
Winnebego Tr. Co (Oshkosh, Wis) Salt car & snow plow 5-15-00?, 05?/300
Winnipeg El. St. Ry: Car for musical band & amusement park 1896/85-96
Winston Salem Ry & El Co: el. frt. car 7-15-00/380; Frt. handling 1896/480
Woodland Park El. Ry (Seattle) 10-91/440-441;
Worcester & Connecticut Eastern Ry: Map 5-20-03/290-291;
Worcester & Millbury El. Ry: Open car 10-15-93/658;
Worcester & Suburban St. Ry: Car #157 5-20-02/269-273;
Worcester Consolidated St. Ry (Mass): Elevator in two story car house 11-15-93/713-714; Power sta. 1-15-02/33-35; Car house 2-15-02/85; Car #237 12-15-01/916;
Wyandotte & Detroit River Ry: 1895/46-48;
York County Tr. Co: 2-20-04/121-122; Dump car #7 & hopper #8 1-15-05/42;
York Rys (Pa): Shop 4-11-08/440-442;
Youngstown & Southern Ry: 11-23-07/822-824;
Youngstown Park & Falls St. Ry: 7-20-02/415;
Youngstown St. Ry: 12-15-93/746-747;
Zanesville Ry & El Co: 1897/587-588; Power house 3-20-04/157-161;

REGIONAL ARTICLES

Illinois: Chicago St. Rys R. P. O. service 10-15-99/690; State El. Ry map 8-20-04/550-551;
Ohio: Interurban Ry term. at Cincinnati 2-20-03/72-73; Ohio interurban Rys 3-20-04/190-191;
Indiana: El. Rys 1-20-04/44-46;
Iowa: Interurbans 4-20-04.246-247
Massachusetts: St. Rys 5-15-01/267-276
Michigan: el. Ry map 6-20-04/426;
Missouri: St. Louis transit strike of 56 days 7-15-00/375
Pennsylvania to Kansas: Map of interurban railways from western Pa. to Minn and Kans 1-4-08/18+ insert.
Wisconsin: Milwaukee rapid transit history: 9-15-93/530-549;

STEAM RAILROADS

Baltimore & Ohio RR (Baltimore Belt Ry) el. loco. 1895/19-20; overhead catenary 1895/488-490; El. loco. #1 & Winans camel #143 0-8-0 1895/722-723;
Boston & Maine RR: Concord & Manchester branch electrified 4-20-04/204-214;
Bush Terminal RR: Loco. #10 11-23-07/8436;
Cache Valley RR: gas motor car 6-22-07/839;
California Northwestern Ry: Crossing fight at Santa Rosa 3-15-05/194;
Chicago & Northern Pacific Ry: Funeral car #106 pix 8-91/314, 315;
Chicago & West Michigan RR: Gas driven inspection car 12-15-98/895;
Chicago Milwaukee & St, Paul RR: Line to t to be electrified & operated by Northwestern Elevated RR: 10-5-07/399;
Delaware & Hudson RR's electric system 4-18-08/483
Detroit & Lima Northern RR: Boiler of dummy car 6-15-98/382;
Detroit & Mackinaw RR: Alpena extension opened 1897/196;
Erie RR: Ganz steam motor car #3000 6-29-07/871-872; Rochester Branch electrification 10-12-07/428-436;
Grand Trunk Ry: Niagara suspension bridge and arch bridge 1897/658-659;

Hoboken RR Warehouse & Steamship Co: 4 wheel el. loco. 8-15-98/592
Hoboken Shore RR: Electrified 1-15-98/57-58;
Illinois Central RR: Suburban service and 10 car train pulled by 4-4-0 6-15-93/335; : to electrify 1897/268;
Lehigh Valley RR: Flat car #1999 pix 1895/283;
Manitou & Pikes Peak Ry: 8-15-93/504-505;
New York & Brooklyn Bridge RR: Electrifying & loco. #13 0-4-0T 1896/68-70;
New York & Sea Beach RR: Acquired by Brooklyn Rapid Transit Co with map 2-15-98/128;
New York Central RR: Woodlawn wreck 3-23-07/385-389; Harmon shop 12-14-07/919-920 + insert; Electrifying West Shore RR Utica to Syracuse for the Oneida Ry 6-22-07/814-816;
New York New Haven & Hartford RR: 8-17-07/188-192; Nantasket Breach Branch electrified 1895/455-457; 1897/353-356; 1897/743-749;
Pennsylvania RR: El. loco. #10001 9-7-07/283-286; El. loco #10003 11-9-07/777-778;
Southern Pacific R: #1029 0-6-0 5-18-07/646 pix;
Vandalia RR: electric steam loco. for a parade #100 4-4-0 "Honest Money" 1896/664;
Wabash RR: Louisiana Purchase Expo terminal 6-20-04/438-439;

PRIVATE RAILROADS AND EQUIPMENT OWNERS
Arlington Mills Co (Lawrence, Mass) el. loco. 7-15-98/458;
Carpenter Steel Co. El. loco. #3 6-22-07/884;
Cook's Denver horse Ry 4-15-93/246;
Deadwood & Delaware Smelting Co: 8' long el. loco. 1899/114;
Lorain Steel Co: Welding car #1 3-20-03/129
Miami & Erie Canal Transportation Co (Oh) First 3 phase in U. S. 3-20-03/121-126;
Mott, J. J., Co el. loco. 6-22-07/884
New York Sugar Refining Co, NYC 4 wheel el. loco 8-15-98/592
Newark & Centerville RR (Calif) 3 mile horse RR serving as an Southern Pacific branch 10-15-93/628;
Rock Springs (Wyo) coal mine using el. locos 5-15-93/292;
Saint Louis Health Dept: Ambulance st. car 8-15-93/463;
Sandusky Portland Cement Co: El. loco. 7-15-99/476;
Tricycle Electric Ry of J. G. Chandler 4-91/140;
U. S. Govt.: Indian Head Naval Proving Grounds: El. loco. #4 9-28?-05/678;

FOREIGN
Note: I only indexed what I thought were the better articles, all having pictures.
Argentina: St. cars for meat 10-15-98/745-746;
Australia: New South Wales - Sydney tramway 9-20-03/745-749; Western Australia Kalgoorie el. tramway car #16 & #1 4-15-02/234-235 & 10-20-03/823-828; Melbourne Tramway & Omnibus Co. 1897/495-496; St. Ry train with dummy loco #6 & car #5 Bendigo, Victoria 7-15-98/443
Bulgaria: Sofia transportation 2-20-04/73-76
Cuba: Havana St. Ry 10-15-01/755-759; Cuba El. Co. st. car #1 1-15-00/23;
Egypt: El. ry to pyramids 7-15-99/436-437;
France: Towan steam st. cars 1897/107-108;
Germany: Marienfelde-Zossen high speed trials 7-20-04/465-468; Suspension Ry at Barman 4-15-00/216-217;
Great Britain: Greig & Beadon's design for steam light Ry 1895/371; St. Mary's barracks, Chatham, el. loco. 18" gauge 1895/650;
Brighton Rottinham Seashore Ry: 1896/748-749; 1895/568;
Central London Ry: El. loco. 4-14-98/238-240;
Chesterfield Tramway System 4-15-05/213-215
Glasgow subway 3-15-98/158-160;
Isle of Man: Douglas & Laxey El. Ry 1896/483-484; Snaefell Mtn. Tramway 1895/635; Isle of Mann Tramway Co hauling frt. 2-15-00/77-78;
Snowden Mountain Ry: Accident on opening day of rack loco. 1896/327;
Haiti: Steam powered st. ry 1897/178-179;
Holland: Amsterdam tramways 1-15-05/17-23
Hong Kong: Cable Ry 2-15-93/95-96;
Hungary: Budapest Underground Ry: 1897/301-302;
India: Mandalay El. Tramway 11-20-04/913-914; White Knob Copper Co el. Ry at Mackag, India, 7 miles long 10-20-04/811;
Ireland: El. line Giant's Causeway & Portrush El. Tramway 2-91/42-44; Listowwel & Ballyburn Ry monorail 1896/533-534;
Italy: Mt. Vesuvius cable ry 1895/221-222; Genoa steam and el. st. Rys 1895/293-294;
Japan: Interurban car operated by manpower, Atami to Yorkshire, 7 miles 12-15-00/720
Java El. Rys at Butaria 2-15-00/91;
Korea: el. Rys 8-15-99/534-535;
Mexico: Mexico st. Rys 1897/17-18; First st. ry opened with car #7 3-15-00/178; funeral cars 9-91/392-393; Monterey St. Ry Car #63 2-22-08/239-240
Monoco: Monte Carlo: 19' cars 4-15-98/268;
Philippine Islands: Tranvisas de Filipinas car #21 8-13-98/566
South Africa: Cape Town double deck cars 12-15-00/750
Switzerland: Worlds first 3 phase el. ry at Lugano 1896/291 & 1896/390-393; Frt. & pass. ry to Orbe 2-15-98/131; Narrow gauge el. ry Lausanne to Mandan 5-20-04/281-282; Fayt-Chamonix-Martigni El Ry 9-20-04/571-574; Brunig Pass. Ry 1895/107; Jungfrau El. Ry described 11-15-98/820-823 & 3-20-04/166-168; St. Gall-Speicher-Trogewn El. Ry 11-20-04/863-867;
Trinidad: Vapewro (?) Tramway car #5 3-15-02/141-44; El. RR 5-20-04/283-287;

CARS
Ambulance car: 8-15-93/463;
Ammonia car: McMahon's design 1-93/7;
Baltimore type car 7-15-01/453;
California type car: 3-15-02/141-144
Compressed air: West's design 8-91/335; 9-15-01/594-595; See Hardie Co below
Double deck cars in U. S. 11-20-04/883-889. (Articles pertaining to a single manufacturing company indexed against that company.
Funeral cars 8-91/314-317 & 9-91/392-393 & 10-91/447-448; 8-91/316-317; Electro Motor Co. el. st. funeral car 10-91/448;
Gasoline st. cars - Hoskins 1896/178
Mail (postal) cars: 4-15-93/199-200. (Other car articles not cross referenced to here. Indexed by company name.)
Motors: I did not index this subject other than Westinghouse gearless motor 4-91/142-143
Naptha Motor Car: A. J. Painter (Pasadena, Cal) 8-91/334;
Private street/interurban cars: Charles H. Ledlie of St. Louis private trolley "Palatine" 11-20-03/936; Lewis Publishing Co of St. Louis private car "Mabel" 8-20-04/557
Snow sweepers: Fowler design 12-15-93/764-765;
Sprinkler cars: 8-20-02/489-491; 1895/519
Steam dummy cars: Boiler 6-15-98/382;
Storage battery vs. trolley cars 10-15-01/764-765

EQUIPMENT MANUFACTURERS
Locomotives, 4 wheel electric for industry (Carpenter Steel Co. #3 and J. L. Mott Co. #1 pixs) 6-22-07/884;
American Car Co (St. Louis) St. car bldr 10-91/470 pix; flat car for shipping cars #205 2-15-93/1181896/635-636;
Baldwin Loco. Wks: 65 ton el. loco for Sprague, Louis Duncan & Gary T. Hutchinson for Henry Villard & his North Am. Co (not delivered) 1895/344;
Brill Co, J. G.: Phila. works 10-15-05/783-786; Combine elevator & transfer table 8-20-02/486-487; Baltimore type car 7-15-01/453;
Brownell Car Co (St. Louis) "Accelerator" cars #616 10-91/458; "Accelerator" cars 8-15-93/468-469; : st. car mfr 1896/632-633, 659;
Chicago Motor Vehicle Co: gasoline motor st. ry care 7-20-03/432;
Danville Car Co (Il) 4-6-07/478; frt. car mfg. works 8-17-07/209-210;
Edison, Thomas, el. loco and car preserved 6-20-04/413;
Ellis Car Co. (Amesbury, Mass) Adv. 8-91/xxxvii;
Fairbanks Morse & Co: Gas inspection car with canopy 11-2-07/749;
General Electric Co: Loco. at Worlds Fair 7-15-93/442; gas el. car 1-25-08/110-112; A.C. test of car #3 9-20-04/643-645;
Hardie: Compressed air loco. 1897/327; car #100 1895/303
Healy mine loco. 11-15-93/707
Hoskins gasoline st. car 1896/178;
Jackson & Sharp Mfg. Co: 12-15-93/764-765;
Jewett Car Co (Newark Oh): Shop L/O 2-15-00/90;
Jones Sons, Co of Troy NY 6-15-93/352;
Kuhlman Car Co, G. C. (Cleveland) 9-15-01/599; 1896/39;
Laclede Car Co: Exposition car 9-15-93/579; 1896/637;
Laconia Car Co (NH) bldg L/O 1896/172;
Lamoken Car Wks: Open car 5-15-93/282; Color pix of st. car 6-15-93/354-355;
McGuire Mfg. Co: Building 2 el. locos for Gen. El. Co 12-15-99/870; 8-15-98/592
Mehling : Car tested 3-15-93/164-165
Miller Knoblock Co (South Bend, Ind) sprinkler care 1896/207; sprinkler car 1895/519
Niles Car & Mfg. Co: Formed to make st. cars 6-15-01/395; Works 2-15-02/120;
Patton Electric System: New car 1896/443
Peckham Mfg. Co (Kingston, NY) 9-15-01/590-592; #30 truck 8-15-01/522-523; (Magazine had many Peckham truck models shown, but not indexed)
Prouty Pierce Co: gasoline interurban car 5-20-04/336;
Pullman Co: double deck car of 1891 10-91/461-462 & 1-15-01/35;
Ruggles Co: rotary snow plow 10-9-01/648;
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BULLETIN - RAILWAY AND LOCOMOTIVE HISTORICAL SOCIETY 1921 - 1972
RAILROAD HISTORY 1972 - 1984 ; 1985-2011

SEE PAGE 1001-1043

The *Bulletin* was the first magazine intended for only those whose avocation was railroading and railroad history. Several other magazines, such as the then defunct *Railroad Man's Magazine*, had carried a few articles by railroad hobbyists It was the idea of Charles E. Fisher, who with several others, formed the *Railway and Locomotive Historical Society* to publish the periodical that they had in mind. Until 1953 it appeared tri-annually at which time it was reduced to twice yearly.

The *Bulletin* is an excellent source of railroad material covering many topics of railroading, but particularly strong on locomotives.

The Society has kindly allowed me to reproduced the cumulative index which I prepared covering volumes #1-151 (1921-1984). I have eliminated a few things from that index, copies of which are still available from the Society. The material presented here is photocopied from their publication . It shows volume number/page number. The time periods are:

1921-29 Vol. #1 - 21; 1930-39 Vol. #22 - 51; 1940-49 Vol. #52 - 78 & 61A; 1950-59 Vol. #79 - 101; 1960-69 Vol. #102 - 121; 1970-79 Vol. #122 - 141; 1980-1984 Vol. #142 - 151.

Additionally besides the three times a year *Bulletin*, between 1936 and 1942 a series of unnumbered booklets were issued which members had to pay extra for. These are indicated by abbreviations:

Atchison Topeka & Santa Fe RR motive power (1939) SF*

Central Vermont RR History (1942) VC

Chicago & North Western motive power (1938) CNW

Chicago, Burlington & Quincy motive power (2 volumes) (1936 & 1937) Q1 & Q2

John Stevens "Documents Tending to Prove the Superior Advantages of Railways and Steam-Carriages Over Canal Navigation" 1812. Reprinted by Harvard University in conjunction with the R&LHS in 1936.

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Southern Pacific RR motive power (1941) SP*

* Later reprinted in a numbered *Bulletin* with additions and no deletions.

Besides locations given in the *Union List of Serials*, the Railroad Museum, Strasburg, Pa. and the California State Railroad Museum at Sacramento have complete sets as does the R.&L.H.S. at their library.

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North Carolina: "Early Days of Iron Horse in . . . ," by F.A. Olds, 12/25-27; " . . . Railroads, 1833-1850," map, 103/72; Civil War railroads, 108/66

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English: "The . . . Influence on American Railroads," by E.J. Heydinger, 91/7-45 (1812-1840); "Notes on . . . Locomotives," by R.E. Pennoyer, 15/64-69; North Eastern Ry, early 4-4-0s, 14/8; ". . . Single Wheelers," 12/39-40; . . . bank financing and failures in America, 91/31-42; 1857 panic, 91/40

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"The Origin of Locomotive Class Names," by G.H. Gaskell, 87/83-95

"The Parent of the *Birkenheads*," by J. Loye, 18/7-8 (loco. *Crewe*)

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News Items, **2 #2**, 9 (1937); **2 #4**, 4 (1937); **4 #2**, 14 (1939); **5 #4**, 10 (1940); **5 #5**, 17 (1940); **6 #1**, 13 (1941); **6 #2**, 34 (1941); **6 #3**, 10 (1941); **6 #4**, 12 (1941); **7 #2**, 21-22 (1942); **7 #4**, 16 (1942); **8 #2**, 14-15 (1943); **9 #2**, 9, 27 (1944); **11 #1**, 13 (1946); **11 #2**, 19, 21 (1946); **11 #3**, 18-20 (1946); **11 #4**, 26 (1946); **12 #1**, 21 (1947); **12 #2**, 19 (1947); **12 #3**, 12, 13 (1947); **12 #4**, 17 (1947); **13 #1**, 23, 24 (1948); **13 #2**, 15, 17, (1948); **13 #3**, 17 (1948); **13 #4**, 18 (1948); **14 #2**, 36 (1949); **14 #3**, 19, 21 (1949); **14 #4**, 23 (1949); **15 #2**, 13 (1950); **15 #3**, 15 (1950); **16 #1**, 28-30, 32 (1951); **16 #2**, 26 (1951); **16 #3**, 18 (1951); **17 #3**, 27-29 (1952); **18 #1**, 15 (1953); **18 #4**, 21 (1953); **19 #1**, 12 (1954); **19 #2**, 14, 26, 28 (1954); **19 #3**, 18 (1954); **19 #4**, 17 (1954); **20 #1**, 12 (1955); **20 #3**, 19 (1955); **20 #4**, 13 (1955); **28 #1**, 20 (1963); **30 #1**, 35 (1965); **30 #3**, 46 (1965); **30 #6**, 48 (1965); **30 #2**, 40 (1965); **31 #4**, 12 (1966); **32 #4**, 28 (1967); **32 #5**, 57 (1967); **33 #1**, 46 (1968); **33 #3**, 38 (1968); **33 #5**, 32 (1968); **34 #5**, 37, 39 (1969); **35 #1**, 36, 37 (1970); **35 #3**, 22 (1970); **35 #4**, 41 (1970); **35 #5**, 37 (1970); **36 #1**, 37, 38 (1971); **36 #2**, 39 (1971); **36 #5**, 44 (1971); **38 #1**, 62 (1973); **38 #2**, 52 (1973); **41 #2**, 34 (1976); **41 #3**, 74 (1976); **42 #4**, 41 (1977); **44 #1**, 43 (1979); **44 #5**, 39 (1979); **45 #1**, 44 (1980)
Photographs, **8 #2**, cover (1943); **9 #3**, 2 (1944); **10 #1**, rear cover (1945); **10 #4**, cover (1945); **11 #4**, 2, 5, 29 (1946); **12 #2**, rear cover (1947); **12 #4**, cover (1947); **14 #4**, 22 (1949); **15 #2**, 14 (1950); **16 #2**, 26 (1951); **17 #4**, 26 (1952); **19 #3**, 17 (1954); **21 #2**, 29 (1956); **22 #1**, 9 (1957); **23 #1**, 9, 11 (1958); **23 #3**, 26 (1958); **24 #1**, 17 (1959); **27 #1**, 45 (1962); **27 #4**, 46 (1962); **28 #3**, 10 (1963); **28 #4**, cover, 11, 60 (1963); **30 #6**, 29 (1965); **32 #6**, 42 (1967); **33 #3**, 40, 41 (1968); **35 #1**, 38 (1970); **36 #6**, 6, 12, 13, 26, 44, rear cover (1971); **39 #4**, front cover, 11, 14, 15, 19 (1974); **42 #6**, rear cover (1977); **43 #2**, 47 (1978); **44 #3**, 45 (1979); **48 #5**, 24, 25 (1983); **49 #3**, 110, 122 (1984); **50 #1**, rear cover (1985); **50 #3**, 126 (1985); **50 #5**, 38, 93, 108 (1985); **50 #6**, front cover, back cover (1985)

Atlanta & St. Andrews Bay Ry. Co.
The Bay Line, John D. Denney Jr., **9 #4**, 10, 11 (1944)*
News Items, **12 #1**, 20 (1947); **31 #6**, 57 (1966); **35 #3**, 22 (1970)
Photographs, **42 #6**, 23 (1977)

Atlanta & West Point R.R. Co.
Photographs, **27 #4**, 9 (1962)

Atlanta, Birmingham & Coast R.R. Co.
The Atlanta, Birmingham & Coast Railroad, Harold Purser Jr. **1 #2**, 19-20 (1938)

Atlantic & East Carolina Ry.
News Items, **10 #1**, 17 (1945)

Atlantic City R.R. Co.
Sixty Miles an Hour, Hugh R. Gibb, **2 #7**; 11-13 (1937)
Seashore Speedsters, Leon R. Franks, **6 #2**, 3, 4, 17, 20 (1941)*
Departs as Loaded, Willard H. Hart, **34 #4**, 14-31 (1969)*
America's Playground: Trains Don't Go There Anymore, James Edward Kranefeld, **48 #5**, 14-23 (1983)*
Photographs, **2 #4**, cover (1937); **2 #2**, 7 (1939); **17 #1**, 22 (1952); **34 #4**, 26, 27 (1969)

Atlantic City & Shore R.R. Co. (E)
Second Hand Trolley Movements, **6 #4**, 17 (1941)
The Shore Fast Line, William P. Hamilton III, **13 #3**, 6-10 (1948)*
News Items, **2 #1**, 7 (1937); **2 #9**, 7 (1937); **10 #2**, 21 (1945); **11 #2**, 31 (1946)

Atlantic City Transportation Co. (E)
News Items, **12 #1**, 10 (1947); **12 #2**, 13 (1947); **12 #3**, 22 (1947); **13 #2**, 21 (1948)*; **19 #2**, 11 (1954); **19 #4**, 23 (1954); **20 #1**, 20 (1955); **20 #2**, 30 (1955); **20 #4**, 22 (1955); **21 #1**, 22 (1956); **21 #2**, 21 (1956)
Photographs, **21 #3**, 28 (1956); **23 #4**, 29 (1958); **30 #2**, 2 (1965)

Atlantic Coast Electric Ry. Co. (E)
Atlantic Coast Electric Railway, Malcolm T. Swan, **10 #3**, 17, 20-22 (1945)*
News Items, **1 #7**, 9 (1936)

Atlantic Coast Line R.R. Co.
Speed Run on the Plant System, **2 #1**, 9, 10, 17 (1939)
New Florida Winter Service, Leon R. Franks, **4 #4**, 5, 6 (1939)*
News Items, **2 #4**, 4 (1937); **2 #3**, 5 (1939); **6 #1**, 12 (1941); **7 #3**, 17 (1942); **8 #2**, 25 (1943); **9 #2**, 27 (1944); **10 #1**, 21 (1945); **10 #2**, 27 (1945); **11 #2**, 29 (1946); **12 #1**, 21 (1947); **12 #4**, 14, 16 (1947); **14 #1**, 17 (1949); **15 #1**, 16 (1950); **15 #3**, 14 (1950); **19 #4**, 16 (1954); **28 #1**, 20 (1963); **29 #1**, 41 (1964); **29 #2**, 45 (1964); **32 #3**, 47 (1967)
Photographs, **2 #2**, 7 (1939); **16 #2**, cover (1951), **26 #4**, 47 (1961); **27 #2**, 52 (1962); **30 #5**, 39 (1965); **31 #4**, 31 (1966); **37 #1**, 24 (1972); **41 #3**, 66 (1976); **46 #3**, 118 (1981); **49 #3**, 70, 106 (1984); **50 #5**, 82 (1985)

Atlantic Coast, St. Johns & Indian River Ry.
Empire Building on the Florida East Coast, K. C. McDaniel, **43 #1**, 4-15 (1978)*

Atlantic Highlands, Red Bank & Long Branch Electric Ry. (E)
The Monmouth County, Stephen D. Maguire and Theodore J. Labrecque, **16 #1**, 18-22 (1951)*
Photographs, **16 #2**, 18 (1951)
Atlantic, Mississippi & Ohio R.R. Co.
Photographs, **25 #1**, rear cover (1960)
Auburn & Syracuse Electric R.R. (E)
Dick Bergen Remembers, John D. Denney Jr., **18 #1**, 8-11 (1953)*
Babylon R.R. Co. (E)
Old Long Island Trolleys, William P. Hamilton III, **2 #1**, 3-5 (1937)
Bakersfield & Kern Electric Ry. Co. (E)
News Items, **9 #1**, 17 (1944)
Baltimore & Annapolis R.R. Co. (E)
Photographs, **27 #1**, cover (1962)
Baltimore & Eastern R.R. Co.
Railroads on the Eastern Shore, J. Cecil Matthews, **34 #1**, 39-49, 64 (1969)*
News Items, **1 #2**, 16 (1938)
Baltimore & Eastern Shore R.R.
This Was Bay Ridge, John E. Merriken, **46 #5**, 30-36 (1981)
Baltimore & Hampden Ry. (E)
"Do Not Touch The Central Rail!," Michael R. Farrell, **38 #2**, 18-23, 40 (1971)*
Baltimore & Ohio R.R. Co.
B. & O. Completes Frist 16-cylinder Constant Torque Steam Locomotive, **2 #9**, 3-4 (1937)*
The Baltimore Division of the B. & O. Railroad, Hugh R. Gibb, **1 #1**, 3, 5, 17 (1938)*
One Hundred and Ten Years, **5 #3**, 12 (1940)
New Life in Old Power, **7 #3**, 11 (1942)
The B. & O.'s Unusual Passengers of War, Margaret Talbott Stevens, **8 #3**, 11, 22, 23
The First B. & O. Postwar Streamliners, **12 #1**, 24 (1947)*
New Steam Power for the B. & O., **13 #1**, 14-15 (1948)*
New T-3's for the B. & O., **14 #2**, 13 (1949)*
The New Columbian, **14 #3**, 27 (1949)*
The Royal Blue Line, Willard H. Hart, **16 #4**, 4-10 (1951)*
B. & O. Railroad Buys Three More Budd Rail Diesel Cars, **18 #1**, 28-29 (1953)
Two Lasts Occur in Buffalo, Richard G. Durnin, **21 #1**, 30, 31 (1956)*
B. & O. Renumbers All Locomotives, Lawrence W. Sagle, **22 #3**, 30-32 (1957)*
Rocking Chairs and Water Colors, Mt. Royal Retires, **27 #1**, 46-49 (1962)*
The Baltimore & Ohio Railroad Presents Iron Horse Days, **29 #5**, 6-10 (1964)*
The Wilmington & Western, **32 #6**, 15-19 (1967)*
The Development of Railroad Electrification, Gordon D. Friedlander, **34 #2**, 25 (1969)
Brotherly Love—Philadelphia Style, Hugh R. Gibb, **39 #6**, 21-49, 53, rear cover (1974)*
The Fire Flyers of 1904, Willard H. Hart, **39 #6**, 6-7 (1974)
Memories of the Best & Only, David Robinson, **43 #5**, 40-43 (1978)*
The Last Days of Class 1 Steam, Lloyd E. Stagner, **47 #6**, 9-10 (1982)*
News Items, **2 #4**, 4 (1937); **2 #5**, 4 (1937); **2 #6**, 3 (1937); **6 #3**, 12 (1941); **7 #1**, 17, 18 (1942); **7 #2**, 14 (1942); **7 #4**, 14, 15 (1942); **8 #1**, 18 (1943); **8 #2**, 18 (1943); **9 #3**, 14 (1944); **10 #1**, 21 (1945); **10 #2**, 27 (1945); **11 #1**, 13, 26 (1946); **11 #4**, 25, 27 (1946); **12 #2**,19 (1947); **12 #4**, 11, 16 (1947); **13 #1**, 25 (1948); **13 #2**, 16 (1948); **13 #3**, 15, 17 (1948); **14 #1**, 18 (1949); **14 #2**, 22, 35 (1949); **14 #4**, 23 (1949); **15 #1**, 18 (1950); **15 #2**, 14 (1950); **15 #3**, 14 (1950); **15 #4**, 18 (1950); **16 #1**, 29, 31 (1951); **16 #2**, 22, 24 (1951); **16 #3**, 19, 20 (1951); **16 #4**, 27, 29 (1951); **17 #2**, 20 (1952); **17 #3**, 27, 29, 30 (1952); **17 #4**, 26, 27 (1952); **18 #1**, 12 (1953); **18 #2**, 29-31 (1953); **18 #3**, 19, 20 (1953); **18 #4**, 21-23 (1953); **19 #1**, 12, 13 (1954); **19 #2**, 26, 27 (1954); **19 #3**, 18 (1954); **19 #4**, 17 (1954), **20 #1**, 13 (1955); **20 #2**, 28 (1955); **28 #2**, 40 (1963); **28 #3**, 41 (1963); **29 #3**, 10 (1964); **30 #4**, 13 (1965); **30 #6**, 48 (1965); **31 #2**, 40 (1966), **48 #2**, 40 (1983)
Photographs, **2 #2**, 6 (1939); **6 #5**, cover (1941); **7 #3**, rear cover (1942); **8 #1**, rear cover (1943); **8 #3**, rear cover (1943); **9 #3**, 2 (1944); **10 #2**, rear cover (1945); **12 #3**, rear cover (1947); **15 #1**, 21, 22 (1950); **15 #3**, 10 (1950); **16 #1**, cover (1951); **17 #3**, 29 (1952); **18 #1**, 13 (1953); **18 #3**, 19, 20 (1953); **19 #1**, 23 (1954); **19 #4**, 5 (1954); **20 #1**, rear cover (1955); **20 #3**, 17 (1955); **21 #1**, 13, 14, rear cover (1956); **21 #3**, 6 (1956); **21 #4**, 14 (1956); **22 #2**, 16, 17 (1957); **23 #1**, 4 (1958); **23 #3**, 17 (1958); **23 #4**, 33 (1958); **24 #3**, cover (1959); **25 #4**, 31 (1960); **27 #4**, 41, rear cover (1962); **28 #1**, cover (1963); **29 #1**, 43 (1964); **30 #1**, 49 (1965); **30 #4**, 12, 21 (1965); **31 #2**, 22 (1966); **31 #6**, 8 (1966); **32 #2**, 43 (1967); **32 #6**, 48 (1967); **33 #5**, 44 (1968); **33 #1**, 26, 29 (1968); **34 #1**, 59 (1969); **34 #2**, 38, 39 (1969); **35 #4**, 31, 32 (1970); **39 #1**, front cover (1974); **39 #6**, front cover (1974); **42 #2**, 46 (1977); **42 #3**, 68 (1977); **43 #3**, 96 (1978); **45 #2**, rear cover (1980); **45 #6**, 37 (1980); **50 #2**, front cover (1985); **50 #5**, 66, 67, 85, 113 (1985)

Baltimore & Philadelphia R.R. Co.
Brotherly Love—Philadelphia Style, Hugh R. Gibb, **39 #6**, 21-49, 53 (1974)
Baltimore & Potomac R.R. Co.
The Congressional Line, Willard H. Hart, **14 #3**, 4-9 (1949)
Brotherly Love —Philadelphia Style, Hugh R. Gibb, **39 #6**, 21-49; 53 (1974)
Baltimore, Chesapeake & Atlantic Ry. Co.
Railroads on the Eastern Shore, J. Cecil Matthews, **34 #1**, 39-49, 64 (1969)*
This Was Bay Ridge, John E. Merriken, **46 #5**, 30- 36 (1981)*
Baltimore Transit Co. (E)
Baltimore 1859 to 1950, Louis C. Mueller, **16 #2**, 4-10 (1951)*
Baltimore Transit Historical Exhibit, **20 #1**, 19 (1955)*
The Trolley to Ellicott City, Robert E. Base, **21 #2**, 8-11 (1956)*
News Items, **1 #1**, 16 (1938); **1 #3**, 14 (1938); **5 #4**, 6 (1940); **6 #1**, 9 (1941); **6 #3**, 13 (1941); **6 #4**, 10 (1941); **8 #2**, 30 (1943); **12 #1**, 10 (1947); **18 #2**, 10 (1953); **19 #2**, 13 (1954); **19 #4**, 24 (1954); **20 #2**, 31 (1955); **20 #3**, 29 (1955); **20 #4**, 23 (1955); **21 #2**, 51 (1956); **21 #3**, 7 (1956); **23 #4**, 37 (1958); **26 #1**, 30 (1961); **28 #1**, 37 (1963); **28 #2**, 13 (1963); **28 #3**, 36 (1963); **28 #4**, 47 (1963); **29 #1**, 55 (1964)
Photographs, **14 #2**, 20 (1949); **19 #4**, cover (1954); **22 #3**, 23 (1957); **23 #4**, 26 (1958); **28 #2**, 51 (1963); **29 #1**, 54, 56, 57 (1964); **30 #3**, 52 (1965)
Bamberger Electric R.R. Co. (E)
Bamberger Electric Railroad Company, William Moedinger Jr., **2 #3**, 5-7 (1937)*
The Interurbans of Utah, John D. Denney Jr., **8 #2**, 20, 21 (1943)
Interurbans In World War II, Harold J. Ahlstrom, **42 #4**, 14-19 (1977)*
News Items, **2 #2**, 10 (1939); **9 #1**, 17 (1944); **11 #4**, 12 (1946); **14 #3**, 15 (1949); **17 #3**, 20 (1952); **17 #4**, 12 (1952); **18 #1**, 19 (1953)
Bangor & Aroostook R.R. Co.
The Bangor and Aroostook Railroad Story, Peter Roehm, **46 #5**, 4-20 (1981)*
News Items, **2 #5**, 4 (1937); **13 #4**, 20 (1948); **14 #2**, 25 (1949); **30 #1**, 34 (1965); **33 #3**, 38 (1968); **38 #1**, 62 (1973); **40 #1**, 46-47 (1975)
Photographs, **31 #6**, rear cover (1966)
Bangor Hydro-Electric Co. (E)
News Items, **5 #3**, 14 (1940)
Bangor, Old Town & Milford R.R. Co.
The Bangor, Old Town and Milford Railroad, **4 #4**, 8, 9 (1939)
Barre and Chelsea R.R. Co.
Vermont's Granite Railroads, A Photo Story, Robert C. Jones, **50 #6**, 4-11 (1985)*
Barre & Montpelier Traction Co. (E)
Photographs, **33 #2**, 19 (1968)
Bath and Hammondsport R.R. Co.
The Bath and Hammondsport, Gustave W. Erhardt, **6 #3**, 7-9 (1941)*
News Items, **1 #3**, 13 (1938)
Photographs, **14 #3**, 23 (1949); **37 #1**, 54 (1972)
Battenkill R.R.
Photographs, **50 #3**, 85 (1985)
Bay Area Rapid Transit District (E)
Around San Francisco Bay, Harre W. Demoro, **35 #2**, 49 (1970)*
BART Is Off And Running, Harre Demoro, **37 #6** 58-69 (1972)*
News Items, **28 #1**, 35 (1963); **28 #3**, 38 (1963); **28 #4**, 51 (1963); **29 #5**, 44 (1964); **30 #6**, 39 (1965); **31 #3**, 27 (1966); **31 #5**, 41 (1966); **33 #5**, 48 (1968); **35 #3**, 22 (1970); **36 #1**, 11, 36 (1971); **37 #6**, 7 (1972); **38 #1**, 52, 55 (1973); **38 #3**, 42 (1973); **38 #4**, 54 (1973); **38 #6**, 45 (1973); **39 #3**, 21 (1974); **41 #3**, 92 (1976) **43 #2**, 17 (1978); **43 #4**, 37 (1978); **43 #6**, 40 (1978); **45 #4**, 44, 45 (1980); **45 #6**, 38 (1980)
Photographs, **35 #2**, 50 (1970); **36 #1**, 28, 29, 34 (1971); **41 #2**, 11, 12 (1975); **44 #6**, 27 (1979)
Bay Ridge & Annapolis R.R.
This Was Bay Ridge, John E. Merriken, **46 #5**, 30-36 (1981)
Bay State Street Ry. Co. (E)
The Bay State System, Raymond E. Mermet, **2 #3**, 3, 4, 6 (1939)*
Belfast & Moosehead Lake R.R.
News Items, **16 #4**, 29 (1951)
Bellows Falls & Saxton River Street Ry. Co (E)
Photographs, **33 #2**, 15 (1968)
Bennington & Hoosac Valley Ry. Co. (E)
Photographs, **33 #2**, 13 (1968)
Berkshire Street Ry. Co. (E)
Photographs, **33 #2**, 13 (1968)
Berlin Street Ry. Co. (E)
The Great New England Hurricane and Flood, **2 #1**, 15-17 (1939)
Bessemer & Lake Erie R.R. Co.
News Items, **7 #2**, 22 (1942); **33 #1**, 49 (1968); **35 #3**, 20, 21 (1970)
Photographs, **28 #1**, 58 (1963); **35 #1**, 43 (1970)
Bevier & Southern R.R. Co.
Photographs, **37 #1**, 2 (1972)
Biddeford, Saco & Old Orchard Electric R.R. (E)
News Items, **2 #1**, 7 (1937)
Photographs, **1 #1**, 6 (1938)
Bingham & Garfield Ry. Co.
News Items, **8 #1**, 18 (1943)
Birmingham & Southeastern R.R. Co.
Photographs, **29 #2**, 44 (1964)
Birmingham Electric Co. (E)
News Items, **2 #7**, 10 (1937); **5 #4**, 8 (1940); **6 #2**, 5 (1941); **7 #4**, 1 (1942); **11 #2**, 22 (1946); **21 #1**, 10 (1947); **12 #4**, 18 (1947); **18 #1**, 18 (1953)
Bi-State Transit System (E)
News Items, **28 #3**, 38 (1963); **28 #4**, 51 (1963); **29 #1**, 55 (1964); **29 #3**, 15 (1964); **30 #2**, 35 (1965); **31 #3**, 27 (1966); **31 #5**, 42 (1966)
Black Hills Central R.R. Co.
Photographs, **29 #1**, 19, 20 (1964)
Black Mesa & Lake Powell R.R. (E)
News Items, **38 #4**, 54 (1973); **39 #6**, 16 (1974)
Black River & Western R.R.
Photographs, **37 #2**, 39 (1972); **41 #3**, 54 (1976); **45 #3**, 78 (1980); **46 #1**, 29 (1981); **46 #3**, 86 (1981); **48 #3**, 35, 86 (1983); **49 #3**, 56 (1984)
Black River Traction Co. (E)
News Items, **2 #7**, 10 (1937)
Bonhomie & Hattiesburg Southern R.R. Co.
Photographs, **27 #1**, 22 (1962); **39 #5**, 37 (1974)
Boone & Scenic Valley R.R.
Photographs, **50 #3**, 72 (1985)
Boston & Albany R.R. Co.
Photographs, **38 #6**, front cover (1973)
Boston & Maine R.R.
The Great New England Hurricane and Flood, **2 #1**, 15-17 (1939)
Cheshire, **15 #1**, 19 (1950)
Mixed Trains Boston & Maine Style, Richard G. Durnin, **21 #3**, 16-19 (1956)*
The Development of Railroad Electrification, Gordon D. Friedlander, **34 #2**, 51 (1969)
The Flood of '27, Patrick E. Purcell, **42 #6**, 4-10, 46 (1977)*
Covered Bridges And Steam Locomotives, Charles F. H. Allen, **43 #2**, 12-16 (1978)*
The Montrealer, a different kind of train, Malcolm L. Bruno, **49 #5**, 10-35 (1984)*
News Items, **1 #4**, 8, 13 (1938); **7 #2**, 22 (1942); **9 #1**, 19 (1944); **9 #4**, 23 (1944); **2 #6**, 3 (1937); **10 #1**, 17 (1945); **10 #3**, 12 (1945); **10 #4**, 15 (1945); **11 #3**, 18 (1946); **12 #1**, 19 (1947); **12 #3**, 25 (1947); **14 #3**, 20 (1949); **15 #1**, 16, 17 (1950); **16 #2**, 23 (1951); **16 #3**, 18, 20 (1951); **17 #1**, 20 (1952); **17 #2**, 19 (1952); **17 #3**, 27 (1952); **18 #1**, 14 (1953); **18 #2**, 31 (1953); **18 #3**, 21 (1953); **18 #4**, 23 (1953); **19 #1**, 13 (1954); **19 #4**, 19 (1954); **20 #1**, 13 (1955); **28 #1**, 19 (1963); **28 #2**, 39 (1963); **30 #1**, 36 (1965); **31 #2**, 40 (1966); **31 #4**, 7 (1966); **34 #3**, 44 (1949); **35 #3**, 22 (1970); **35 #4**, 47 (1970); **38 #3**, 35 (1973); **39 #3**, 23 (1974); **40 #4**, 70 (1975); **42 #3**, 103 (1977); **42 #6**, 37 (1977); **43 #2**, 38 (1978); **43 #4**, 34, 35 (1978); **43 #5**, 45 (1978); **44 #2**, 45 (1979); **44 #6**, 28 (1979)
Photographs, **12 #4**, 5 (1947); **13 #2**, rear cover (1948); **22 #1**, rear cover (1957); **26 #2**, 2 (1961); **28 #4**, 36 (1963); **30 #2**, 20-22, 28-30 (1965); **31 #4**, 7 (1966); **32 #1**, 35-37, 40 (1967); **36 #2**, 2 (1971); **40 #4**, 68 (1979); **41 #5**, 14, rear cover (1976); **43 #1**, 38 (1978); **44 #1**, 14 (1979); **48 #3**, 46 (1983); **50 #5**, 29 (1985)

Boston Elevated Ry. Co. (E)
The Great New England Hurricane and Flood, **2 #1**, 15-17 (1939)
The Boston Subway: 1897, Burton G. Brown Jr. **38 #3**, 18-27, 43-46 (1973)*
News Items, **1 #6**, 3 (1936); **2 #7**, 7 (1937); **1 #1**, 16 (1938); **6 #1**, 8 (1941); **6 #2**, 5 (1941); **7 #1**, 11 (1942); **9 #2**, 18 (1944); **9 #3**, 18 (1944); **7 #4**, 8 (1942)
Photographs, **12 #4**, 6 (1947); **17 #3**, 21 (1952); **32 #6**, 7 (1967); **47 #3**, 21 (1982)
Boston, Revere Beach & Lynn R.R. Co. (E)
The Great New England Hurricane and Flood, **2 #1**, 15-17 (1939)
Boston, Worcester & New York Street Ry. Co. (E)
Trolleys West of Boston, Henry B. Brainerd, **6 #5**, 18 (1941)
Brattleboro Street Ry. Co. (E)
Photographs, **33 #2**, 14 (1968)
Bridgton & Harrison Ry. Co.
Hiring Out on the Bridgton & Harrison, David A. Warren, **44 #1**, 18-29 (1979)*
A Brief Encounter with the Narrow Gauge, Silas B. Tuttle, **42 #2**, 38-41 (1977)*
Bristol Street Ry. Co. (E)
Photographs, **25 #1**, 21 (1960)
Bristol, Elizabethton & North Carolina R.R.
Early History of the Natural Tunnel Route, S. G. Bledsoe, **42 #2**, 4-10 (1977)*
British Columbia Ry.
Photographs, **44 #3**, 4, 5, 12, 14 (1979)
British Columbia Electric Ry. Co.
A Tale of Two Countries, Robert S. Wilson, **10 #1**, 8-16 (1945)*
News Items, **5 #4**, 8 (1940); **5 #5**, 22, 23 (1940); **7 #1**, 22 (1942); **7 #4**, 7 (1942); **9 #1**, 17 (1944); **9 #2**, 19 (1944); **9 #3**, 17 (1944); **9 #4**, 25 (1944); **10 #2**, 22 (1945); **10 #3**, 25 (1945); **11 #2**, 22 (1946); **12 #1**, 10 (1947); **12 #2**, 13 (1947); **12 #3**, 21 (1947); **12 #4**, 18 (1947); **13 #2**, 22 (1948); **13 #3**, 29 (1948); **13 #4**, 28 (1948); **14 #2**, 20 (1949); **14 #3**, 15 (1949); **15 #3**, 13 (1950); **15 #4**, 22 (1950); **16 #1**, 10 (1951); **16 #3**, 14 (1951); **16 #4**, 18 (1951); **17 #1**, 8 (1952); **17 #2**, 15 (1952); **17 #3**, 21 (1952); **17 #4**, 12 (1952); **18 #1**, 19 (1953); **18 #3**, 22 (1953); **19 #1**, 10 (1954); **20 #2**, 31 (1955); **20 #3**, 28 (1955)
Photographs, **17 #2**, 14, 15 (1952); **23 #2**, (1958); **30 #4**, rear cover (1965); **36 #1**, 17 (1971)
British Columbia Hydro & Power Authority (E)
Photographs, **50 #1**, cover (1985)
British Columbia Transit
News Items, **49 #6**, 39 (1984)
Brockton Street Ry. Co. (E)
The Bay State System, Raymond E. Mermet, **2 #3**, 3, 4, 6 (1939)
Brooklyn & Queens Transit Co. (E)
Second Hand Trolley Movements, **6 #4**, 2 (1941)
Trolley Transit in New York, David Gurin, **42 #2**, 12-21, 42-44 (1977)*
A Glimpse of Brooklyn's Trolleys, 1934-1940, George V. Arnoux and E. Alfred Seibel, **46 #1**, 4-23 (1981)*
News Items, **1 #8**, 7 (1936); **1 #9**, 13, 14 (1936); **2 #1**, 7 (1937); **5 #5**, 21 (1940); **8 #2**, 30 (1943); **9 #2**, 18 (1944)
Photographs, **18 #3**, 14 (1953); **42 #1**, 14 (1977)
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Steam in New York, Joseph A. Mannix, **23 #3**, 12, 13 (1958)*
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Early Progress of Diesel Electric Motive Power, Anthony Clegg, **17 #2**, 22-24 (1952)*
Le Champlain, **29 #4**, 26-29 (1964)*
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Newfoundland, A 1956 Visit, Robert B. Brown, **30 #6**, 10-16 (1965)*
Tempo Cars for C. N., **33 #4**, 18-19 (1968)*
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Across Canada by "Car-GO-Rail," David H. Goeppinger, **40 #5**, 28, 29 (1975)*
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Gone and Almost Forgotten, Jim Scribbins, **19 #2**, 14, 15 (1954)
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Chicago & Western Indiana R.R. Co
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Photographs, **21 #1**, 18 (1956); **28 #1**, 46 (1963); **36 #4**, 33 (1971); **39 #6**, 20 (1974); **41 #3**, 34 (1976)

Chicago, Burlington & Quincy R.R. Co.
As New Zephyr Set Record, **1 #9**, 10 (1936)*
Rifle Shots to Inaugurate New 'Buffalo Bill' Train Service, **2 #6**, 8 (1937)
So the Pony Express Could Leave 'St. Joe' on Time, **2 #8**, 3 (1937)*
New Eight-Hour Chicago-Omaha Schedules, **6 #1**, 12 (1941)
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The O.K. Railroad, Ralph L. Cooper, **14 #2**, 34 (1949)
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The New Way of the Zephyrs, Dr. W. G. Tretz, **16 #2**, 20, 21 (1951)*
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Kansas City Zephyrs, **18 #3**, 8, 9 (1953)* Jim Scribbins
The Pioneer Zephyr, **20 #1**, 11 (1955)
Low Water on the Casper Division, Henry S. Libby, **39 #5**, 20-27, 54 (1974)*
By Rail from Chicago to San Francisco in 1878 Helen Hunt Jackson, **42 #5**, 4-17, 27 (1977)*
Atchison Union Depot and Railroad Company, Edward Mahoney, **46 #1**, 34-38 (1981)*
Memories of the Q, Bob Bullermann, **47 #2**, 4-9 (1982)*
The Last Days of Class 1 Steam, Lloyd E. Stagner, **47 #6**, 19-20 (1982)*
The Rush Of The Limiteds, Thurber D. Catton, **48 #5**, 4-11 (1983)*

News Items, **1 #9**, 10 (1936); **2 #5**, 4 (1937); **2 #6**, 7 (1937); **2 #2**, 4 (1937); **1 #2**, 4 (1938); **1 #4**, 13 (1938); **2 #2**, 14 (1939); **4 #4**, 15 (1939); **15 #1**, 7 (1940); **5 #4**, 16 (1940); **6 #1**, 12 (1941); **6 #2**, 49 (1941); **8 #2**, 14 (1943); **9 #2**, 27 (1944); **9 #3**, 15 (1944); **9 #4**, 23 (1944); **10 #1**, 17 (1945); **10 #3**, 13 (1945); **10 #4**, 14, 15 (1945); **11 #1**, 13, 16 (1946); **11 #3**, 18 (1946); **11 #4**, 25 (1946); **12 #1**, 19, 20 (1947); **13 #1**, 26 (1948); **13 #3**, 16, 17 (1948); **13 #4**, 21 (1948); **14 #2**, 22-24 (1949); **14 #3**, 21 (1949); **14 #4**, 20-21 (1949); **15 #3**, 13 (1950); **15 #4**, 8 (1950); **16 #1**, 30 (1951); **16 #3**, 18 (1951); **18 #3**, 18 (1953); **20 #2**, 26 (1955); **30 #2**, 46 (1965); **30 #3**, 27 (1965); **31 #1**, 52 (1966); **31 #2**, 43 (1966); **31 #3**, 45 (1966); **31 #4**, 9 (1966); **31 #6**, 44 (1966)
Photographs, **2 #8**, 6 (1937); **10 #2**, 12 (1945); **11 #3**, rear cover (1946); **16 #4**, rear cover (1951); **21 #2**, 24 (1956); **23 #2**, 23 (1958); **25 #3**, 41 (1960); **25 #4**, 10, 15 (1960); **26 #4**, 8, 9, 45 (1961); **28 #1**, 19 (1963); **28 #3**, 7 (1963); **28 #4**, 8, 9, 19 (1963); **29 #1**, cover, 15, 16 (1964); **30 #6**, 30 (1965); **31 #1**, 42 (1966); **31 #3**, 44 (1966); **33 #1**, 2 (1968); **34 #1**, cover (1969); **35 #4**, rear cover; **39 #1**, 34 (1974); **39 #4**, rear cover (1974); **41 #6**, front cover (1976); **43 #6**, 24, 25 (1978); **47 #3**, 31 (1982); **50 #3**, 71 (1985); **50 #4**, rear cover (1985); **50 #5**, 43, 75 (1985)

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Rush Of The Limiteds, Thurber D. Catton, **48 #5**, 4-11 (1983)*
The Great Western And The Great Depression, H. Roger Grant, **50 #2**, 4-11 (1985)*
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Photographs, **16 #2**, 24 (1951); **25 #1**, 29 (1960); **25 #4**, 33 (1960); **28 #4**, 10 (1963)

Chicago, Indianapolis & Louisville Ry. Co.
The Monon Story, Edward F. Gardner, **14 #2**, 16, 17, 32, 33 (1949)
Monon Memories, NRHS Staff Pictorial, **49 #4**, 4-15 (1984)*
News Items, **11 #1**, 16 (1946); **11 #3**, 18 (1946); **11 #4**, 24 (1946); **12 #4**, 16 (1947); **13 #4**, 19, 21 (1948); **14 #4**, 21 (1949); **15 #1**, 18 (1950); **16 #4**, 26 (1951); **30 #3**, 46 (1965); **32 #4**, 28 (1967); **33 #1**, 46 (1968); **33 #3**, 38 (1968); **34 #5**, 38 (1969); **36 #1**, 37 (1971)

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Chicago, Milwaukee & Gary Ry. Co.
The Rockford Route, Chicago, Milwaukee And Gary, Jerrold F. Hilton, **41 #6**, 27-31 (1976)*

Chicago, Milwaukee, St. Paul & Pacific R.R.
Fourscore and Ten for the Milwaukee Road, **2 #8**, 7, 8 (1937)
Fastest Steam Train, Leon R. Franks, **5 #1**, 9 (1940)
Riding the Cab of the Hiawatha, Leon R. Franks, **5 #5**, 18 (1940)
Northwest Streamliner, **12 #4**, 13 (1947)
Milwaukee Road Centennial, Jim Scribbins, **16 #2**, 12-13 (1951)*
Milwaukee Road Hudsons, Jim Scribbins, **17 #2**, 16-18 (1952)*
Superdomes, Jim Scribbins, **18 #2**, 23 (1953)*
The Milwaukee Northerns, **24 #2**, 4-8 (1959)* Jim Scribbins
Milwaukee Road's Milwaukee Division, **25 #1**, 22-25 (1960)* Jim Scribbins
Juice Jacks in Butte, Lewis L. Hoy, **26 #1**, 32-36 (1961)*
New Milwaukee Depot, Jim Scribbins, **32 #1**, 22-25 (1967)*
The Development of Railroad Electrification, Gordon D. Friedlander, **34 #2**, 40, 41, 43 (1969)
The Milwaukee Comes To Portland, Ed Immel, **36 #4**, 6, 7 (1971)*
Milwaukee Road Electrification, Kenneth G. Johnson, **41 #1**, 29-32, 51 (1976)*
New Duluth Museum Displays Historic Milwaukee Road Electric Power, **43 #1**, 44, 45 (1978)*
The Milwaukee Road In Indiana, Richard S. Simons, **45 #1**, 4-10 (1980)*
Southwestern Line Operations Of The Milwaukee Road, Phil Boreske, **47 #1**, 34-39, 45 (1982)*
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News Items, **2 #2**, 9 (1937); **2 #4**, 7 (1937); **1 #1**, 13 (1938); **1 #4**, 7 (1938); **2 #1**, 13 (1939); **5 #4**, 16 (1940); **6 #1**, 12 (1941); **6 #3**, 11 (1941); **7 #2**, 13 (1942); **9 #2**, 27 (1944); **9 #3**, 14 (1944); **10 #1**, 18 (1945); **10 #2**, 27 (1945); **10 #3**, 12, 13 (1945); **10 #4**, 15 (1945); **11 #3**, 20 (1946); **12 #3**, 14 (1947); **13 #2**, 15, 16 (1948); **13 #4**, 20 (1948); **15 #1**, 18 (1950); **15 #4**, 8 (1950); **16 #1**, 28, 30, 31 (1951); **16 #2**, 22 (1951); **17 #1**, 20 (1952); **17 #2**, 21 (1952); **17 #4**, 27 (1952); **19 #2**, 26 (1954); **20 #2**, 27, 28 (1955); **28 #4**, 42 (1963); **29 #4**, 41 (1964); **30 #1**, 36 (1965); **31 #5**, 50 (1966); **32 #1**, 46 (1967); **34 #5**, 38 (1969); **36 #4**, 44 (1971); **37 #6**, 77 (1972); **38 #4**, 47 (1973); **39 #5**, 43 (1974); **39 #6**, 15 (1974); **40 #4**, 69 (1975); **40 #5**, 55 (1975); **41 #1**, 49 (1976); **41 #6**, 44 (1976); **42 #2**, 46 (1977); **42 #4**, 40 (1977); **43 #6**, 36 (1978); **43 #5**, 45 (1978); **44 #5**, 39 (1979); **45 #1**, 43 (1980); **45 #2**, 37 (1980); **50 #1**, 44 (1985); **50 #2**, 38 (1985)
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End of the North Shore, Carl W. Solheim, **28 #2**, 34-38 (1963)*
Interurbans In World War II, Harold J. Ahlstrom, **42 #4**, 14-19 (1977)*
News Items, **6 #2**, 30 (1941); **7 #3**, 13 (1942); **8 #2**, 29 (1943); **13 #3**, 19 (1948); **20 #2**, 31 (1955); **20 #4**, 22 (1955); **21 #2**, 22 (1956); **23 #4**, 38 (1958); **25 #1**, 16 (1960); **27 #4**, 30 (1962); **28 #1**, 37 (1963); **28 #2**, 12 (1963)
Photographs, **15 #2**, rear cover (1950); **20 #2**, rear cover (1955); **20 #4**, 4, 7 (1955); **26 #3**, 38 (1961); **27 #3**, rear cover (1962); **28 #1**, 2 (1963); **29 #3**, 12 (1964); **33 #2**, cover, 2 (1968); **42 #3**, 18 (1977); **45 #3**, 23 (1980); **49 #2**, front cover (1984); **50 #4**, front cover (1985); **50 #5**, 22 (1985)

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Chicago's New Subway, Charles A. Brown, **8 #3**, 6-9, 20-22 (1943)*
Chicago, The Story of Rapid Transit, Robert L. Abrams, **26 #2**, 18-28 (1961)* **26 #3**, 14-31 (1961)*
News Items, **7 #4**, 9 (1942); **9 #1**, 16 (1944); **9 #4**, 24 (1944); **10 #2**, 21 (1945); **10 #3**, 25 (1945)
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Chicago, Rock Island & Pacific R.R. Co.
Rocky Mountain Rocket, **9 #4**, 18, 27 (1944)*
The Rock Island Story, **18 #2**, 24, 25 (1953)*
The Unusual Rock Island, Chicago's Different Suburban Trains, Jim Scribbins, **30 #5**, 12-15 (1965)*
The Old Fort Leavenworth Bridge, Edward Mahoney, **40 #3**, 24-26, 69 (1975)*
Atchison Union Depot and Railroad Company, Edward Mahoney, **46 #1**, 34-38 (1981)*
Motive Power on the Rock Island, William D. Middleton, **46 #2**, 14-25 (1981)*
To San Francisco And Return In 1954, Willard B. Thomas, Jr., **49 #2**, 16-20 (1984)*
News Items, **2 #2**, 9 (1937); **2 #5**, 4 (1937); **2 #2**, 8, 13 (1939); **5 #2**, 12 (1940); **6 #1**, 13 (1941); **6 #2**, 49 (1941); **7 #1**, 18 (1942); **8 #3**, 15 (1943); **9 #1**, 18, 19 (1944); **9 #2**, 9, 27 (1944); **9 #3**, 14 (1944); **10 #1**, 17, 19 (1945); **10 #3**, 12, 13 (1945); **11 #2**, 19, 20 (1946); **11 #3**, 25 (1946); **11 #4**, 25 (1946); **12 #2**, 19 (1947); **12 #3**, 9 (1947); **12 #4**, 14 (1947); **13 #1**, 23, 25 (1948); **13 #2**, 15 (1948); **13 #3**, 17 (1948); **15 #3**, 13 (1950); **16 #2**, 25 (1951); **17 #1**, 21 (1952); **17 #2**, 19 (1952); **17 #3**, 27 (1952); **18 #1**, 12 (1953); **18 #4**, 23 (1953); **19 #2**, 26 (1954); **20 #3**, 19 (1955); **30 #4**, 11 (1965); **31 #1**, 54 (1966); **31 #4**, 9 (1966); **31 #5**, 50 (1966); **32 #1**, 48 (1967); **32 #3**, 46 (1968); **34 #1**, 63, 64 (1969); **34 #5**, 38 (1969); **35 #3**, 22 (1970); **35 #5**, 37 (1970); **35 #6**, 41 (1970); **38 #3**, 31 (1973); **40 #1**, 50 (1975); **41 #3**, 71, 74 (1976); **42 #2**, 46 (1977); **42 #3**, 103 (1977); **43 #2**, 40 (1978); **43 #5**, 45 (1978); **45 #1**, 43 (1980); **45 #2**, 37 (1980); **45 #5**, 46 (1980); **47 #6**, 38 (1982); **49 #4**, 36 (1984)
Photographs, **10 #2**, 16 (1945); **12 #2**, rear cover (1947); **13 #1**, 25 (1948); **18 #2**, cover; **24 #4**, rear cover (1959); **28 #4**, 6, 7 (1963); **35 #4**, cover (1970); **36 #5**, 41 (1971); **41 #2**, 51 (1975); **41 #3**, 18 (1976); **42 #3**, 24 (1977); **43 #3**, 41 (1978); **44 #3**, 56, 109 (1979); **46 #2**, 47 (1981); **47 #1**, front cover (1982); **49 #1**, rear cover (1984); **49 #2**, 17 (1984)

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Interurbans In World War II, Harold J. Ahlstrom, **42 #4**, 14-19 (1977)*
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Chicago, Terre Haute & Southeastern Ry. Co.
The Milwaukee Road In Indiana, Richard E. Simons, **45 #1**, 4-10 (1980)*

Chicago Transit Authority (E)
The Story of Rapid Transit, Chicago, Robert L. Abrams, **26 #2**, 18-28 (1961)* **26 #3**, 14-32 (1961)*
CTA Cars in Debut, **34 #5**, 35 (1965)*

News Items, **10 #3**, 25 (1945); **11 #1**, 19 (1946); **11 #3**, 22 (1946); **12 #2**, 12 (1947); **12 #4**, 18 (1947); **13 #2**, 22 (1948); **13 #3**, 29 (1948); **13 #4**, 25 (1948); **18 #2**, 11 (1953); **18 #3**, 22 (1953); **19 #3**, 31 (1954); **20 #3**, 27 (1955); **21 #4**, 12 (1956); **22 #1**, 19 (1957); **22 #4**, 29 (1957); **23 #1**, 22 (1958); **23 #2**, 27 (1958); **23 #4**, 35, 38 (1958); **25 #3**, 38 (1960); **27 #3**, 17 (1962); **27 #4**, 30 (1962); **28 #1**, 37 (1963); **28 #2**, 12 (1963); **28 #3**, 37 (1963); **29 #5**, 46 (1964); **30 #2**, 34 (1965); **30 #4**, 15 (1965); **31 #5**, 41 (1966); **32 #5**, 40 (1967); **33 #5**, 27, 28 (1968); **34 #4**, 45 (1969); **34 #5**, 34 (1969); **34 #6**, 47 (1969); **36 #1**, 11, 32, 38 (1971); **39 #2**, 31 (1974); **39 #4**, 22 (1974); **40 #1**, 17, 46, 54 (1975); **40 #3**, 54, 55 (1975); **41 #3**, 83, 84 (1976); **42 #1**, 43, 46 (1977); **42 #6**, 47 (1977); **43 #6**, 40 (1978); **50 #2**, 47 (1985)
Photographs, **13 #1**, 17 (1948); **34 #6**, 46 (1969); **43 #3**, 27 (1978); **50 #5**, 22 (1985)

Chicago, West Pullman & Southern R.R. Co.
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A Trip on the Cincinnati Georgetown Railroad, Parks Grant, **19 #1**, 14-19 (1954)*

Cincinnati, Hamilton & Dayton R.R. Co.
Photograph, **26 #1**, 29 (1961)

Cincinnati, Newport & Covington Ry. Co. (E)
News Items, **13 #1**, 17 (1948); **13 #2**, 22 (1948)

Cincinnati Street Ry. Co. (E)
The Story of Rapid Transit, Cincinnati, David B. Osborn, **30 #3**, 28-36 (1965)*
News Items, **5 #1**, 14 (1940); **14 #1**, 29 (1949); **14 #2**, 20 (1949); **7 #4**, 7 (1942)
Photographs, **10 #1**, 2 (1945); **23 #4**, 28 (1958); **30 #3**, 34-35 (1965)

Cincinnati Union Terminal Co.
A Railway Paragon In The Making, **38 #5**, 26-29 (1973)*
New Passenger Terminal, **38 #5**, 30-37 (1973)*
Terminal Case, Jack Donnelly, **38 #5**, 38-43, 29, rear cover (1973)*
News Items, **38 #5**, 20 (1973); **44 #6**, 31 (1979)
Citizens Passenger Railway (E)
Street Railways of Harrisburg, Richard Steinmetz, **39 #5**, 6-18 (1974)*
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The Street Railway Era in Williamsport, Pa. Naomi L. Woolever, **40 #4**, 35-54 (1975)
Citizens Street Ry. (E) Rochester, N.Y.
Rochester and the Trolleys, John G. Woodbury, **2 #10**, 3, 4 (1937)
City of East Troy Ry. (E)
Photograph **27 #1**, 29 (1962)
Claremont & Concord Ry. Co.
The Short Lines of Samuel Pinsley, Tom Nelligan, **34 #3**, 38 (1969)
News Items, **20 #2**, 26 (1955)
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Cleveland Interurban Ry. Co. (E)
News Items, **1 #7**, 8 (1936); **2 #2**, 7 (1937); **2 #9**, 7 (1937)
Cleveland, Painesville & Eastern Ry. Co. (E)
Photographs, **26 #4**, 51 (1961) Wrongly identified as Windsor, Essex & Lake Shore.
Cleveland Ry. Co. (E)
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Cleveland Transit System (E)
Cleveland City of the Rapids, Robert L. Abrams, **24 #2**, 20-32 (1959)*
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Cleveland Union Terminal R.R. (E)
Hot Spot, Richard J. Cook, **22 #4**, 16-19 (1957)*
Photographs, **30 #3**, 21 (1965); **30 #6**, 42 (1965)
Clinchfield R.R. Co.
Through Those Hills, Jim Scribbins, **22 #1**, 28-29 (1957)*
A Saturday on the Clinchfield, Charles K. Marsh Jr., **23 #4**, 4-7 (1958)*
On Top of Old Smoky, Willard H. Hart and Charles K. Marsh, Jr., **23 #4**, 8-12 (1958)*
The Clinchfield, Mountain Climber Extraordinary, William S. Cannon, **35 #4**, 6-13 (1970)*
The Clinchfield In Years Past, Clyde Dellinger, **43 #4**, 20-25 (1978)*
News Items, **8 #2**, 15 (1943); **12 #1**, 19 (1947); **14 #4**, 23 (1949); **33 #4**, 17 (1968)
Photographs, **22 #4**, (1957); **24 #4**, 32 (1959); **41 #3**, 5, 6, 28 (1976); **42 #3**, 32 (1977); **43 #3**, 77, 78 (1978); **44 #3**, 43, 92 (1979)
Clinton Davenport & Muscatine Ry. Co. (E)
News Items, **2 #3**, 7 (1939)
Colorado & Southern Ry. Co. (The)
Slim Gage in the West, **1 #5**, 6 (1936); **1 #6**, 6, 7 (1936)
Last of the South Park Line, **9 #1**, 4-5 (1944)*
The Last Days of Class 1 Steam, Lloyd E. Stagner, **47 #6**, 20-21 (1982)*
News Items, **1 #1**, 16 (1938); **1 #3**, 13 (1938); **2 #2**, 8 (1939); **15 #1**, 25 (1950); **16 #3**, 20 (1951); **33 #1**, 46 (1968); **47 #4**, 43 (1982)
Photographs, **2 #3**, cover (1939); **25 #2**, 24, 28 (1960); **29 #2**, 53 (1964); **31 #4**, 8 (1966); **36 #6**, 30, 31 (1971); **49 #1**, front cover (1984)
Colorado & Wyoming Ry. Co. (The)
Railroads in Platte County Wyoming 1969, Henry S. Libby, **35 #4**, 23-26, 47 (1970)*
Colorado Central Narrow Gauge Ry.
Photographs, **35 #1**, 7, 8 (1970)
Colorado Midland R.R. Co.
Rails Over The Rockies, William Douglas Warren, **36 #6**, 6-45 (1971)*
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Columbia Street Ry. Co. (E)
History of Trolleys in Woonsocket, R. I. Edwin V. Dunlop, **1 #2**, 17 (1938)*
Columbus and Greenville Ry.
C & G and the 1927 Flood, Louis Saillard, **50 #4**, 20-28 (1985)*
Columbus Railway, Light & Power Co. (E)
News Items, **2 #1**, 7 (1937); **14 #1**, 20 (1949)
Columbus, Urbana & Western Ry. Co. (E)
Photographs, **25 #2**, 39 (1960)
Commonwealth Avenue Street Ry. Co. (E)
Trolleys West of Boston, Henry B. Brainerd, **6 #5**, (1941) 9*
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Community Traction Co. (E)
News Items, **13 #2**, 22 (1948)
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Concord & Boston Street Ry. Co. (E)
Trolleys West of Boston, Henry B. Brainerd, **6 #5**, 10 (1941)
Conestoga Transportation Co. (E)
The Conestoga Field Trip, **2 #5**, 6 (1937)*; **2 #7**, 4-5 (1937)*
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Photographs, **2 #5**, 6 (1937); **5 #3**, cover (1940) **7 #4**, rear cover (1942); **12 #3**, 22 (1947); **13 #2** 29 (1948); **10 #1**, 21 (1955); **50 #5**, 5, 10 (1985)
Connecticut Company (E)
The Great New England Hurricane and Flood **2 #1**, 15-17 (1939)
We Visit the Trolleys of New Haven, Walter H Garrett, **12 #3**, 15-20 (1947)*
Farewell to Open Trolleys, **13 #2**, 31 (1948)*
News Items, **1 #5**, 4 (1936); **1 #7**, 8 (1936); **1 #9** 13 (1936); **2 #3**, 4 (1937); **2 #10**, 8 (1937); **1 #1** 16 (1938); **1 #3**, 14 (1938); **4 #4**, 7 (1939); **5 #3** 14 (1940); **5 #4**, 7 (1940); **6 #1**, 8 (1941); **6 #2** 6 (1941); **7 #4**, 8 (1942); **8 #2**, 30 (1943); **11 #1** 22 (1946); **14 #1**, 29 (1949)
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Connecticut Railway & Lighting Co. (E)
News Items, **1 #7**, 8 (1936); **1 #9**, 13 (1936); **2 #3** 4 (1937)
CONRAIL
Along the Route of the Susquehannock 1977 William C. Wagner, **47 #5**, 42-45 (1982)*
Conrail Is In The Southern Tier To Stay, William L. Reddy, **48 #1**, 45 (1983)
News Items, **39 #4**, 27 (1974); **40 #1**, 46 (1975) **40 #4**, 32 (1975); **41 #1**, 41, 48 (1976); **41 #2**, 69 71, 74 (1976); **41 #3**, 71, 74 (1976); **41 #4**, 37 (1976); **41 #5**, 30 (1976); **41 #6**, 43, 44 (1976), **42 #1**, 35, 36, 40 (1977); **42 #2**, 45 (1977); **42 #3**, 99, 102, 103 (1977); **42 #4**, 40 (1977); **42 #6**, 34, 36 (1977); **43 #3**, 39 (1978); **43 #4**, 36 (1978); **43 #5**, 37 (1978); **43 #6**, 36, 37, 39, 40 (1978), **44 #1**, 43 (1979); **44 #2**, 44, 45 (1979); **44 #4**, 41, 43 (1979); **44 #6**, 29 (1979); **45 #1**, 44 (1980); **45 #2**, 37, 39 (1980); **45 #4**, 35 (1980); **45 #5**, 43 (1980); **45 #6**, 36, 45 (1980); **46 #1**, 47 (1981); **46 #2**, 31, 33 (1981); **46 #6**, 32 (1981); **47 #6**, 38 (1982); **48 #4**, 38 (1983); **48 #5**, 43 (1983) **48 #6**, 39 (1983); **49 #4**, 36 (1984); **49 #5**, 46 (1984); **50 #1**, 44 (1985); **50 #2**, 47 (1985); **50 #4**, 42 (1985); **50 #6**, 28, 29 (1985)
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Cook Transit Co. (E)
Photographs, **30 #4**, 15 (1965)
Cooperative Transit Co. (E)
News Items, **5 #4**, 8 (1940)* **11 #2**, 23 (1946) **13 #1**, 17 (1948); **13 #2**, 21 (1948); **13 #3**, 29 (1948)
Coral Gables Rapid Transit
Coral Gables Rapid Transit, Edward A. Ridolph **41 #1**, 21-28 (1976)*
Corinth & Counce R.R. Co.
News Items, **32 #1**, 45 (1967)
Cornwall & Lebanon R.R. Co.
Photographs, **1 #4**, 14 (1938); **17 #2**, cover (1952)
Cornwall R.R. Co.
News Items, **5 #4**, 10 (1940); **29 #3**, 10 (1964)
Photographs, **9 #4**, rear cover (1944)
Cornwall Street Railway, Light & Power Co. Ltd (E)
News Items, **2 #5**, 4 (1937); **13 #3**, 29 (1948)
Coudersport & Port Allegheny R.R. Co.
News Items, **35 #5**, 37 (1970)
Crab Orchard & Egyptian R.R.
Photographs, **44 #3**, 89 (1979)
Credit Valley Ry.
Photographs, **42 #3**, 21 (1977)
Crosstown Street Ry. Co. (E)
Rochester and the Trolleys, **2 #10**, 4 (1937)
Crystal River & San Juan R.R. Co.
Photographs, **7 #4**, cover (1942)
Cumberland & Pennsylvania R.R. Co.
News Items, **7 #4**, 14 (1942); **9 #4**, 14 (1944)
Cumberland & Westernport Electric Ry. (E)
Cumberland and Westernport Electric Railway, **28 #4**, 24-31 (1963)*
Cumberland Valley R.R.
A Photo Reminiscence of the Cumberland Valley Railroad, Howard M. Etter, **44 #2**, front cover, 4-13 (1979)*
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Dallas & Harvey's Lake Traction Co. (E)
Photographs, **1 #7**, cover (1936); **5 #1**, 13 (1940)
Dallas Area Rapid Transit (E)
News Items, **49 #1**, 43 (1984)
Dallas Railway & Terminal Co. (E)
Dallas Transit Centennial, **37 #2**, 14-26, rear cover (1972)*
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Photographs **18 #3**, 14 (1953)
Dansville & Mt. Morris R.R. Co.
Photographs, **15 #4**, 12 (1950)
Dardanelle & Russellville R.R.
Photographs, **2 #2**, cover (1939); **47 #2**, rear cover (1982)
Dayton & Troy Electric Ry. Co. (E)
Photographs, **31 #4**, 25 (1966)
Dayton-Goose Creek Ry. Co.
Photographs, **38 #3**, 9 (1973)
Dayton Transit Co. (E)
News Items, **38 #6**, 45, 60 (1973)
Dayton—Xenia Ry. Co. (E)
News Items, **5 #4**, 8 (1940)
Deadwood Central R.R.
Photographs, **39 #1**, 34 (1974)
Delaware & Hudson R.R. Corp. (The)
The D. & H.R.R. Corp. and the D. & H. Co., Charles M. G. Johnson, **2 #6**, 6-7 (1937)
Albany's Uncommon Carrier, Joseph D. Thompson, **32 #4**, 14-23 (1967)*
The Delaware & Hudson Sesquicentennial, **38 #2**, 6-15 30-32 (1973)*
A Tale of Railroad-Railfan Synergy, Joseph D. Thompson, **38 #5**, 22-25 (1973)*
The Stourbridge Lion and the Dawn of the Steam Railroad Era, A Staff Report, **44 #5**, 36-38 (1979)*
The Second Railroad Wonder Trip, John A. Needham, **48 #2**, 14-17 (1983)*
News Items, **8 #3**, 17 (1943); **13 #2**, 16 (1948); **14 #4**, 20 (1949); **15 #2**, 13 (1950); **16 #1**, 28, 31 (1951); **18 #1**, 12 (1953); **20 #3**, 19 (1955); **29 #5**, 41 (1964); **31 #1**, 54 (1966); **32 #4**, 27 (1967); **33 #5**, 32 (1968); **34 #3**, 44 (1969); **35 #1**, 39 (1970); **38 #1**, 52, 62 (1973); **38 #4**, 46, 47 (1973); **39 #5**, 43 (1974); **40 #4**, 69, 70 (1975); **41 #1**, 38 (1976); **41 #2**, 34 (1976); **41 #3**, 74 (1976); **42 #3**, 102 (1977); **42 #6**, 34 (1977); **43 #1**, 36 (1978); **43 #2**, 39, 40 (1978), **43 #5**, 44, 45 (1978); **44 #2**, 44 (1979); **44 #5**, 39 (1979); **49 #4**, 36 (1984)
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Delaware Electric Power Co. (E)
News Items, **2 #1**, 7 (1937); **1 #1**, 6 (1938), **4 #4**, 7 (1939)
Delaware, Lackawanna & Western R.R. Co. (The)
New Luxury Liner, **15 #1**, 23 (1950)*
The Ithaca Branch of the Lackawanna, Edwin A Wilde, **23 #2**, 12-16 (1958)*
The Development of Railroad Electrification, Gordon D. Friedlander, **34 #2**, 46 (1969)
Lackawanna, The Railroad, Dr Charles D Foster, Jr., editor, **35 #6**, 9-28 (1970)*
A Train to Remember, Richard G Durnin and Perry Billington, Jr., **35 #6**, 29-32 (1970)*
The Phoebe Snow Story, **35 #6**, 33 (1970)*
A Lackawanna Collector's Gallery, 34-35 (1970)* **35 #6**,
Flags For a Great Lady, **35 #6**, 36-39 (1970)*
Constructing The Lackawanna Cutoff, J W Stocks, **42 #5**, 33-41, rear cover (1977)*

News Items, **10 #4**, 14 (1945); **12 #2**, 21 (1947); **13 #1**, 25 (1948); **14 #1**, 17, 18 (1949); **16 #2**, 22 (1951); **17 #1**, 22 (1952); **18 #2**, 30 (1953); **20 #1**, 13 (1955); **30 #3**, 46 (1965); **32 #6**, 41 (1967); **34 #1**, 62, 63 (1969)
Photographs, **15 #3**, 23 (1950); **20 #2**, rear cover (1955); **23 #2**, 20 (1958); **26 #3**, 48 (1961); **27 #2**, 46 (1962); **32 #6**, cover (1967); **34 #2**, 9 (1969); **35 #6**, cover, 2, 6, 7, 8, 45, 46, 47, 48 (1970); **39 #5**, front cover (1974); **50 #3**, 115, 127, 152 (1985); **50 #5**, 69, 84 (1985)

Delaware—Otsego R.R. Co.
Photographs, **34 #2**, 70 (1969); **48 #3**, 112, 130 (1983)

Delaware River Port Authority (E)
Lindenwold Line Opens, Ronald De Graw, **34 #2**, 52-63 (1969)*
News Items, **26 #1**, 18 (1961); **26 #2**, 17 (1961); **27 #2**, 34 (1962); **29 #2**, 14 (1964); **29 #5**, 41 (1964); **31 #5**, 40 (1966)
Photographs, **34 #4**, 37, 45 (1969)

Delaware Western R.R.
Brotherly Love—Philadelphia Style, Hugh R Gibb, **39 #6**, 21-49, 53 (1974)*

Denver & Intermountain R.R. Co. (E)
News Items, **6 #2**, 31 (1941); **15 #1**, 31 (1950); **17 #2**, 13 (1952)
Photographs, **14 #4**, 16 (1949)

Denver & Rio Grande Western R.R. Co. (The)
Slim Gage in the West, William Moedinger Jr., **1 #4**, 3-4 (1936)*; **1 #5**, 6 (1936); **1 #6**, 6-7 (1936)
Seventy-fifth Anniversary, **11 #1**, 10-12 (1946)*
Stars on the Rio Grande, E. L. Pardee, **14 #1**, 22, 23, 30 (1949)*
San Juan Finale, John D. Denney Jr., **16 #2**, 11 (1951)*
Another Winter Saga, Leon R. Franks, **17 #2**, 26 (1952)*
The Line Through Marshall Pass, Thomas A. Lear, **21 #2**, 4-7 (1956)*
Queen of the Denver & Rio Grande Western, Thomas A. Lear, **22 #4**, 12-14 (1957)*
The Narrow Gauge Snow Fighters, Thomas A. Lear, **24 #1**, 26-28 (1959)*
The Mudhens of the Denver & Rio Grande, Thomas A. Lear, **25 #1**, 11-14 (1960)*
Rio Grande Land, Alexis McKinney, **29 #4**, 15-21 (1964)*
Colorado Circle Tour, Alan G. Hunn, **35 #1**, 16, 17, 46, 47 (1970)*
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Rails Over The Rockies, William Douglas Warren, **36 #6**, 6-45 (1971)*
Fiftieth Anniversary of the Moffat Tunnel, **45 #1**, 16-20 (1980)*
Zephyring in 1980, Robert B. Hardy, **47 #5**, 4-14 (1982)*
The Last Days of Class 1 Steam, Lloyd E. Stagner, **47 #6**, 21 (1982)
To San Francisco And Return In 1954, Willard B. Thomas, Jr., **49 #2**, 16-20 (1984)*
Ski Train '84, "Chip" Sherman, **49 #5**, 47 (1984)*
News Items, **2 #6**, 3 (1937); **1 #2**, 15 (1938); **6 #1**, 13 (1941); **8 #2**, 14 (1943); **9 #1**, 9 (1944); **9 #2**, 27 (1944); **9 #3**, 14, 15 (1944); **9 #4**, 23 (1944); **10 #3**, 34 (1945); **10 #4**, 14, 15 (1945); **11 #1**, 11, 13, 16 (1946); **11 #4**, 25 (1946); **12 #1**, 19 (1947); **12 #2**, 19 (1947); **12 #4**, 10, 16 (1947); **13 #1**, 26 (1948); **13 #3**, 16 (1948); **13 #4**, 20, 21 (1948); **14 #1**, 16 (1949); **14 #2**, 21, 23 (1949); **14 #3**, 21 (1949); **14 #4**, 20, 22 (1949); **15 #1**, 17, 25 (1950); **16 #2**, 24 (1951); **16 #4**, 27 (1951); **17 #1**, 20 (1952); **17 #3**, 28 (1952); **18 #1**, 12 (1953); **18 #2**, 30 (1953); **19 #1**, 12 (1954); **19 #2**, 26-28 (1954); **19 #3**, 18 (1954); **20 #1**, 13 (1955); **20 #2**, 27, 28 (1955); **20 #3**, 19 (1955); **29 #3**, 10 (1964); **29 #5**, 43 (1964); **30 #1**, 36 (1965); **31 #2**, 40 (1966); **31 #4**, 12 (1966); **31 #5**, 46 (1966); **31 #6**, 46 (1966); **32 #4**, 26 (1967); **33 #1**, 46 (1968); **33 #4**, 16, 17 (1968); **33 #6**, 53 (1968); **34 #5**, 36 (1969); **44 #6**, 31 (1979); **47 #2**, 45 (1982); **48 #5**, 43 (1983); **49 #1**, 43 (1984); **50 #1**, 41 (1985)
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Denver & Salt Lake R.R. Co.
Rails Over The Rockies, William Douglas Warren, **36 #6**, 6-45 (1971)*
News Items, **8 #3**, 12 (1943); **9 #1**, 9 (1944); **9 #2**, 9 (1944); **12 #1**, 19 (1947)
Photographs, **27 #3**, 20 (1962); **27 #2**, 45 (1962); **36 #6**, 34, 35 (1971)

Denver, Northwestern & Pacific Ry.
Rails Over The Rockies, William Douglas Warren, **36 #6**, 6-45 (1971)*
Photographs, **36 #6**, 22, 34 (1971)

Denver, South Park & Pacific R.R.
Rails Over The Rockies, William Douglas Warren, **36 #6**, 6-45 (1971)*
Photographs, **25 #2**, 22, 23, 25, 31 (1960); **29 #3**, 17 (1964); **36 #6**, 26 (1971)

Denver Tramways Corp. (E)
News Items, **13 #2**, 22 (1948); **15 #3**, 12 (1950); **15 #4**, 23, (1950)
Photographs, **14 #4**, 16 (1949)

Des Moines & Central Iowa R.R. Co. (E)
News Items, **7 #4**, 7 (1939)

Des Moines Ry. Co. (E)
News Items, **7 #4**, 8 (1942)
Photographs, **28 #2**, 27 (1963); **29 #5**, 45 (1964)

Detroit, Caro & Sandusky R.R. Co.
News Items, **13 #4**, 19 (1948)

Detroit Citizens Ry. (E)
News Items, **42 #2**, 23, 47 (1977)

Detroit Department of Street Railways (E)
News Items, **7 #4**, 6 (1942); **10 #4**, 18 (1945); **11 #1**, 20 (1946); **12 #3**, 21 (1947); **13 #4**, 25 (1948); **14 #1**, 19 (1949); **14 #2**, 19 (1949); **14 #3**, 17 (1949); **14 #4**, 15 (1949); **20 #1**, 21 (1955); **21 #2**, 20 (1956); **21 #3**, 9 (1956)

Detroit Edison Co.
News Items, **35 #6**, 42 (1970); **37 #6**, 77 (1972)

Detroit, Jackson & Chicago Ry. (E)
Michigan Interurbans, **1 #1**, 8 (1938)
Photographs, **27 #3**, 6 (1962)

Detroit, Monroe & Toledo Short Line (E)
Michigan Interurbans, Samuel P. Worthington, **1 #1**, 8 (1938)

Detroit, Toledo & Ironton R.R. Co.
News Items, **14 #1**, 16 (1949); **29 #4**, 40 (1964); **45 #6**, 45 (1980)
Photographs, **44 #1**, 15 (1979); **45 #1**, rear cover (1980)

Detroit United Railway (E)
Michigan Interurbans, Samuel P. Worthington, **1 #1**, 7, 8 (1938)

Diamond Valley R.R.
Diamond Valley Memories, Benjamin Gring and Richard Steinmetz, **18 #1**, 20-24 (1953)*

District of Columbia Transit System Inc. (E)
The End of a Line, **33 #1**, John J. Hilton, 38-42, 57 (1968)*
News Items, **24 #1**, 31 (1959); **24 #2**, 38 (1959); **24 #4**, 38 (1959); **25 #2**, 40 (1960); **25 #4**, 25 (1960); **26 #3**, 36 (1961); **27 #1**, 27 (1962); **27 #2**, 34 (1962)
Photographs, **25 #4**, 35 (1960); **27 #2**, 14, 15 (1962)

Dominion Atlantic Ry.
In The Land of Evangeline, Ronald Albury, **27 #1**, 6-16 (1962)*

Duluth, Missabe & Iron Range Ry.
The Last Days of Class 1 Steam, Lloyd E. Stagner, **47 #6**, 17 (1982)*
News Items, **17 #2**, 20 (1952)
Photographs, **16 #1**, 31 (1951)
Photographs, **49 #6**, front cover (1984)

Duluth, South Shore & Atlantic R.R. Co.
A Pow-Wow With The Chief, Robert D. Threkeld, **41 #6**, 12-17 (1976)*
News Items, **15 #1**, 17 (1950); **16 #1**, 30 (1951); **16 #3**, 21 (1951)

Duluth-Superior Transit Co. (E)
News Items, **2 #3**, 20 (1939)

Eagle Lake & West Broad R.R. Co.
Ghost Train of the Maine Woods, Jim Shaughnessy, **34 #3**, 26-34 (1969)*

East Bay Transit Co. (E)
News Items, **9 #1**, 17 (1944); **9 #2**, 21 (1944)

East Berlin R.R.
News Items, **5 #4**, 10 (1940)

East Carolina Ry.
Photographs, **41 #3**, 27 (1976)

East Harrisburg Passenger Ry. Co.
Street Railways of Harrisburg, Richard H. Steinmetz, **39 #5**, 6-18 (1974)*

East Tennessee & Western North Carolina R.R.
Tweetsie and Its Narrow Gauge Glory, **25 #3**, 24-26 (1960)*
Preview of "Tweetsie Country," Mallory Hope Ferrell, **41 #2**, 21-29, rear cover (1975)*
News Items, **8 #2**, 15 (1943); **15 #3**, 14 (1950); **16 #1**, 31 (1951)
Photographs, **19 #4**, 19 (1954); **25 #3**, cover, 13 (1960); **25 #4**, 4, 6 (1960); **26 #1**, rear cover (1961)

Eastern Massachusetts Street Ry. Co. (E)
The Bay State System, Raymond E. Mermet, **2 #3**, 3, 4, 6 (1939)*
News Items, **1 #6**, 3 (1936); **1 #7**, 10 (1936); **2 #8**, 8 (1937); **6 #3**, 13 (1941); **13 #3**, 31 (1948)

Eastern Michigan Railways (E)
Photographs, **28 #3**, 9, 13 (1963)

Eastern Shore R.R.
Photographs, **48 #3**, 33 (1983)

Eastland, Wichita Falls & Gulf R.R. Co.
News Items, **10 #1**, 21 (1945)

Edmonton Street Ry. (E)
Tramway Library in Edmonton, Anthony Clegg, **15 #2**, 32-33 (1950)*
News Items, **10 #4**, 19 (1945); **11 #1**, 20 (1946); **11 #3**, 21 (1946); **17 #1**, 8 (1952)

Edmonton Transit
News Items, **43 #2**, 17 (1978); **43 #4**, 46 (1978); **50 #4**, 44 (1985)

Eighth and Ninth Avenue Railways Co. N.Y.C. (E)
News Items, **1 #4**, 4 (1936)

Elmira, Corning & Waverly Ry. (E)
Photographs, **39 #6**, 10 (1974)

Elmira, Light, Heat & Power Corp. (E)
News Items, **1 #9**, 14 (1936); **1 #1**, 6 (1938)

El Paso City Lines (E)
News Items, **15 #3**, 12 (1950); **18 #2**, 11 (1953); **26 #1**, 30 (1961); **28 #2**, 13 (1963); **28 #4**, 51 (1963); **30 #4**, 15 (1965); **32 #1**, 44 (1967); **33 #5**, 48 (1968)

El Paso Electric Co. (E)
News Items, **9 #2**, 19 (1944)

Emmittsburg R.R.
News Items, **2 #3**, 5 (1939); **5 #4**, 10 (1940)

Erie R.R.
The Rochester Branch of the Erie, John F. Collins Jr. and Robert C. Gerling, **20 #3**, 8-11 (1955)*
The Erie In The Genesee Valley, Edwin C. Storey, **41 #6**, 4-11 (1976)*
News Items, **1 #4**, 5 (1936); **2 #2**, 4, 9 (1937); **2 #1**, 13 (1939); **2 #3**, 20 (1939); **5 #4**, 10 (1940); **6 #3**, 12 (1941); **7 #1**, 17 (1942); **9 #2**, 9 (1944); **9 #4**, 22 (1944); **10 #1**, 18 (1945); **10 #3**, 34 (1945); **11 #4**, 24 (1946); **12 #1**, 21 (1947); **12 #2**, 20 (1947); **13 #1**, 26 (1948); **13 #4**, 20 (1948); **14 #4**, 21 (1949); **15 #3**, 13 (1950); **15 #4**, 10 (1950); **16 #1**, 28 (1951); **16 #2**, 22, 25 (1961); **16 #4**, 29 (1951); **17 #1**, 23 (1952); **17 #4**, 27, (1952); **18 #1**, 13 (1953); **19 #3**, 19 (1954); **20 #1**, 13 (1955); **20 #3**, 19 (1955)
Photographs, **14 #2**, 25 (1949); **15 #4**, cover (1950); **19 #4**, 20 (1954); **21 #4**, 20 (1956); **23 #1**, 36 (1958); **28 #2**, 55 (1963); **30 #6**, 24 (1965); **41 #3**, 60 (1976); **44 #1**, 16 (1979); **46 #2**, front cover (1981); **46 #6**, 17 (1981); **47 #4**, rear cover (1982)

Erie-Lackawanna R.R.
News Items, **28 #1**, 19 (1963); **28 #2**, 20 (1963); **29 #1**, 41 (1964); **29 #3**, 11 (1964); **29 #4**, 40 (1964); **31 #4**, 11 (1966); **31 #5**, 50 (1966); **32 #2**, 36 (1967); **32 #4**, 26, 27 (1967); **32 #6**, 41 (1967); **35 #3**, 22 (1970); **36 #2**, 37 (1971); **37 #5**, 32 (1972); **38 #4**, 47, 53 (1973); **41 #3**, 74 (1976)
Photographs, **28 #3**, 49 (1963); **29 #1**, 45 (1964); **29 #3**, 6 (1964); **30 #1**, 13, 14, 15, 35 (1965); **30 #4**, 19 (1965); **32 #2**, 36 (1967); **32 #5**, 55 (1967); **34 #2**, 8 (1969)

Escanaba Traction Co. (E)
News Items, **1 #1**, 7 (1938)

Eureka-Nevada R.R.
Photographs, **11 #1**, 2 (1946)

Eureka & Palisade R.R.
Photographs, **15 #1**, 17 (1950)

European & North American Ry.
News Items, **40 #3**, 28 (1975)

Everett R.R.
Photographs, **31 #2**, 18 (1966); **31 #4**, 10 (1966); **33 #3**, 54 (1968)

Fairmount Park Transit Co. (E)
News Items, **11 #2**, 22 (1946); **11 #4**, 11, 27 (1946)
Photographs, **10 #1**, 19 (1945)
Fairmount Park Transit Co. (E)
Photographs, **37 #1**, 22 (1972); **50 #5**, 15 (1985)
Fairport, Painesville & Eastern R.R. Co.
News Items, **31 #2**, 44 (1966)
Feather River Ry. Co.
News Items, **29 #2**, 45 (1964)
Fitchburg R.R.
Photograph, **16 #2**, 23 (1951)
Five Mile Beach Electric Ry. Co. (E)
News Items, **7 #4**, 9 (1942); **8 #3**, 15 (1943)
Florida East Coast Ry. Co.
The New Florida Winter Service, **4 #4**, 5-6 (1939)* Leon R. Franks
The Florida East Coast Railway, Edward F. Gardner, **10 #2**, 4-13, 22 (1945)*
Flagler Memorial Plaque Dedicated in St. Augustine, George M. Boynton, **24 #3**, 13-15 (1959)*
The Florida East Coast, Harold M. Caulkins, **33 #6**, 22-25, 70-71 (1968)*
Empire Building on the Florida East Coast, K. C. McDaniel, **43 #1**, front cover, 4-15, 43 (1978)
The Last Days of Class 1 Steam, Lloyd E. Stagner, **47 #6**, 15 (1982)
Miami To Cleveland on the Royal Palm, K. C. McDaniel, **48 #1**, 4-9 (1983)*
The Coming of the Railroad to Miami and Key West, **48 #5**, 38-42 (1983)*
News Items, **1 #6**, 8 (1936); **6 #4**, 13 (1941); **9 #2**, 27 (1944); **10 #4**, 15 (1945); **12 #1**, 21 (1947); **12 #4**, 14 (1947); **15 #1**, 19 (1950); **19 #4**, 18 (1954); **30 #6**, 48 (1965); **31 #2**, 40 (1966); **35 #4**, 4 (1970); **40 #1**, 47 (1975)
Photographs, **26 #3**, 7 (1961); **27 #3**, 38 (1962); **30 #3**, 14, 16 (1965); **49 #3**, 6, 8, 10-12, 116, 117 (1984)
Florida Southwestern Ry.
Florida Southwestern Railway, Two Feet Wide and Two Miles Long, **29 #2**, 48-50 (1964)*
Fonda, Johnstown & Gloversville R.R. Co. (E)
The Fonda, Johnstown and Gloversville Field Trip, **1 #8**, 4-6 (1936) Frank Goldsmith
Fonda, Johnstown & Gloversville, William Reed Gordon, **45 #6**, 20-35 (1980)*
News Items, **1 #3**, 14 (1938); **38 #6**, 60 (1983)
Forest Grove Transportation Co. (E)
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What Was Saved, Harre W. Demoro, **35 #2**, 52-53 (1970)
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Kishacoquillas Valley R.R.
The Kishacoquilas Valley, Robert G. Lewis, **1 #9**, 6 (1936)
Field Trip on the K.V.R.R., **2 #7**, 3 (1937)
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Knoxville Transit Lines (E)
News Items, **12 #4**, 19 (1947)

Lackawanna & Wyoming Valley R.R. Co. (E)
News Items, **8 #3**, 15 (1943); **17 #1**, 8 (1952); **17 #2**, 15 (1952); **18 #2**, 10 (1953)
Photographs, **42 #4**, rear cover (1977)

Lake Erie & Northern Ry. (E)
Buffalo Visits the Lake Erie & Northern, **13 #3**, 24, 31 (1948)*
Take a Ride Over the Lake Erie & Northern, Lawrence J. Meloling, **20 #2**, 16-19 (1955)*
News Items, **20 #1**, 21 (1955); **20 #3**, 28 (1955)
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Lake Erie, Franklin & Clarion R.R. Co.
Lake Erie, Franklin And Clarion, A Busy Short Line, Jeffrey W. Damerst, **38 #5**, 50-53 (1973)*

Lake Shore Electric Ry. (E)
Lake Shore Electric Trip, **2 #7**, 3 (1937)
News Items, **1 #6**, 9 (1936); **1 #2**, 6 (1938); **1 #3**, 14 (1938)
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Lake Superior & Ishpeming R.R. Co.
The Last Days of Class 1 Steam, Lloyd E. Stagner, **47 #6**, 18 (1982)
News Items, **33 #5**, 32 (1968)

Lake Superior District Power Co. (E)
Michigan Interurbans, Samuel P. Worthington, **1 #1**, 7 (1938)

Lake Whatcom Ry.
Photographs, **43 #3**, 65 (1978); **44 #3**, 15, 70 (1979); **45 #3**, 63 (1980); **36 #3**, 92 (1981); **47 #3**, 71 (1982)

Lancaster & Chester Ry. Co.
News Items, **35 #3**, 20 (1970)

Lancaster & York Furnace Street Ry. (E)
The Lancaster & York Furnace Street Railway, Leon R. Franks, **1 #5**, 2-4 (1936)

Lancaster, Oxford & Southern R.R.
Photographs, **17 #2**, 6 (1952); **30 #6**, 26 (1965)

Laona & Northern Ry.
Wisconsin Short Line Again Hauls Passengers, Clayton C. Tinkham, **32 #2**, 12-15 (1967)*

Laramie Valley Ry.
Laramie Valley Railway Excursion, **36 #2**, 6-7 (1971)*

Las Vegas Railway & Power Co. (E)
Rails In Las Vegas, Edward Mahoney, **41 #4**, 18-24, 36 (1976)*

Lehigh & Hudson River Ry. Co.
Three Alcos To Allentown, Robert Mohowski, **38 #6**, 26-31 (1973)*
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Lehigh & New England Ry. Co.
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Lehigh Valley R.R. Co.
Route of the Black Diamond, Edward F. Gardner, **10 #3**, 30-32 (1945)*
The Lehigh Valley Centennial, **11 #2**, 8-9 (1946)*
Black Diamond, **13 #1**, 8-9 (1948)*
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End of Valley Varnish, R. E. Wilson Jr., **26 #4**, 14-17 (1961)*
The John Wilkes, Paul Kutta, **41 #2**, 30-42 (1975)*
The Lehigh Valley in the Finger Lakes Region, Barbara Bell, **43 #2**, front cover, 26-37 (1978)*
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Lehigh Valley Transit Co. (E)
Over The "Liberty Bell," **4 #4**, 14 (1939)
Luxury on the Liberty Bell, Howard P. Sell, **7 #1**, 6-8 (1942)*
Lehigh Valley Transit Fan Trip, **15 #3**, 31 (1950)*
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The Last Railfan Trip Over L.V.T. Lines, Gerhard Salomon, **18 #4**, 28-29 (1953)*
Ten Years Ago, E. E. Edwards, **26 #4**, 26-41 (1961)*
The Liberty Bell Route's 1000 Series Interurban Cars, **30 #1**, 38-42 (1965)*
Ice Storm, Howard P. Sell, **34 #5**, 16-19 (1969)*
Interurbans In World War II, Harold J. Ahlstrom, **42 #4**, 14-19 (1977)*
News Items, **1 #3**, 12 (1938); **1 #4**, 6 (1938); **4 #4**, 7 (1939); **5 #4**, 8 (1940); **5 #5**, 22 (1940); **6 #1**, 9 (1941); **6 #2**, 6 (1941); **7 #1**, 11 (1942); **8 #3**, 15 (1943); **9 #1**, 16 (1944); **9 #4**, 24 (1944); **10 #4**, 20, 24 (1945); **12 #3**, 22 (1947); **12 #4**, 19 (1947); **13 #4**, 28 (1948); **13 #3**, 19 (1948); **14 #2**, 34 (1949); **14 #4**, 15 (1949); **15 #2**, 12 (1950); **15 #3**, 31 (1950); **16 #2**, 17 (1951)
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Leiper R.R.
Memories of the Leiper Railway, Paul J. Schieck, **11 #3**, 24-25 (1946)*

Lethbridge Municipal Ry. (E)
News Items, **2 #3**, 7 (1939); **9 #1**, 17 (1944); **9 #3**, 18 (1944)

Levis Tramways Co. (E)
Photographs, **28 #2**, 12 (1963)

Lewisburg, Milton & Watsontown Passenger Ry.
Photographs, **44 #1**, 17 (1979)

Lewistown & Reedsville Ry. (E)
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Lexington & Boston Street Ry. Co.
Trolleys West of Boston, Henry B. Brainerd, **6 #5**, 10 (1941)
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Linglestown & Blue Mountain Street Ry. (E)
Street Railways of Harrisburg, Richard H. Steinmetz, **39 #5**, 6-18 (1974)*

Linwood Street Ry.
Linwood Street Railway, **1 #3**, 6, 18 (1938)*

Litchfield & Madison Ry. Co.
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Live Oak, Perry & Gulf R.R.
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Livonia, Avon & Lakeville R.R.
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London & Port Stanley Ry. (The) (E)
News Items, **22 #2**, 18 (1957)
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Long Island Electric Co. (E)
Old Long Island Trolleys, William P. Hamilton III, **2 #1**, 4 (1937)

Long Island R.R. Co. (The)
Old Long Island Trolleys, William P. Hamilton III, **2 #1**, 4 (1937)
The Great New England Flood and Hurricane, **2 #1**, 15-17 (1939)
Long Island Circle Tour, Willard H. Hart, **13 #2**, 4-8 (1948)*
The Central Railroad of Long Island, Vincent F. Seyfried, **18 #4**, 16-18 (1953)*
The Development of Railroad Electrification, Gordon D. Friedlander, **34 #2**, 43-44 (1969)
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Longview, Portland & Northern Ry. Co.
Photographs, **30 #4**, 8 (1965); **31 #1**, 13, 18, 19, 20 (1966); **44 #3**, 122 (1979)

Los Angeles Metropolitan Transit Authority (E)
News Items, **24 #1**, 30 (1959); **24 #2**, 38 (1959); **24 #4**, 38 (1959); **25 #1**, 16 (1960); **25 #3**, 38 (1960); **25 #4**, 26 (1960); **26 #1**, 30 (1961); **26 #3**, 36 (1961); **27 #3**, 17 (1962); **28 #1**, 37 (1963); **28 #2**, 11, 13 (1963); **28 #3**, 38 (1963); **49 #4**, 46, 47 (1984)
Photographs, **28 #4**, 46, 48, 49, 50 (1963)

Los Angeles Pacific Ry. Co. (E)
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Los Angeles Railways (E)
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Los Angeles Transit Lines (E)
News Items, **11 #1**, 20 (1946); **11 #2**, 22 (1946); **11 #3**, 21 (1946); **13 #4**, 28 (1948); **13 #3**, 31 (1948); **15 #2**, 12 (1950); **15 #3**, 12 (1950); **19 #4**, 23 (1954); **20 #1**, 20 (1955); **20 #3**, 27 (1955); **21 #4**, 13 (1956); **23 #3**, 20 (1958); **23 #4**, 37 (1958)
Photographs, **14 #4**, rear cover (1949); **22 #2**, 5 (1957)

Los Angeles Union Passenger Terminal Co.
Photographs, **6 #2**, 37 (1941)

Louisiana & Arkansas Ry. Co.
News Items, **1 #2**, 15 (1938); **2 #1**, 14 (1939)

Louisville & Nashville R.R. Co.
The Story of L. & N. Motive Power, **7 #4**, 4, 5, 12, 13, 20, 21 (1942)*
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Louisville & Nashville, 100 Year Centenary, Kincaid A. Herr, **15 #3**, 4-10 (1950)*
The Pan-American, K. C. McDaniel, **36 #4**, 16-26, 44 (1971)*
Tracks on Tracks, K. C. McDaniel, **44 #2**, 18-29 (1979)*
The Building of the Madisonville, Hartford, & Eastern Railroad, Lee A. Dew, **49 #2**, 24-32 (1984)*
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(1964); **30 #1**, 34 (1965); **30 #3**, 45 (1965); **31 #2**, 44 (1966); **32 #4**, 26 (1967); **32 #6**, 43 (1967); **33 #4**, 17 (1968); **33 #6**, 53 (1968); **34 #1**, 61 (1969); **34 #1**, 61 (1969); **34 #5**, 39 (1969); **35 #4**, 41 (1970); **35 #6**, 41 (1970); **36 #1**, 37 (1971); **36 #2**, 39 (1971)
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Louisville & Wadley R.R. Co.
Photographs, **35 #5**, 41 (1970); **36 #1**, 43 (1971)

Louisville, New Albany & Corydon R.R. Co.
Photographs, **31 #2**, 43 (1966)

Louisville Railway Co. (E)
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Loyal Ry. Co.
Loyal Railway Company, Ralph E. White **36 #2**, 8-13, 48 (1971)*

Lykens & Wyoming Valley Street Ry. Co. (E)
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Lynn & Boston R.R. Co.
The Bay State System, Raymond E. Mermet, **2 #3**, 3, 4, 6 (1939)

Mackinac Transportation Co.
A Pow-Wow With The Chief, Robert D. Threkeld, **41 #6**, 12-17 (1976)*

Madisonville, Hartford & Eastern R.R.
The Building of the Madisonville, Hartford, & Eastern Railroad, Lee A. Dew, **49 #2**, 24-32, (1984)*

Maine Central R.R. Co.
The Maine Central, John S. Thomsen, **11 #3**, 4-11 (1946)*
Marmalade and the Maine Central, Carl Stern, **24 #3**, 24-27 (1959)*
Ten Wheelers of the Maine Central, C. F. H. Allen, **25 #4**, 18-23 (1960)*
Four Months on a Siding, Anna McLaughlin **38 #2**, 16-20 (1973)*
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Photographs, **11 #3**, cover (1946); **14 #2**, cover (1949); **23 #3**, 16, 17 (1958); **32 #1**, 34 (1967); **34 #6**, 2 (1969); **35 #1**, 2, 39 (1970); **35 #2**, 2 (1970); **35 #4**, 2 (1970); **36 #4**, 2 (1971); **38 #3**, 2 (1973); **38 #5**, 2 (1973); **38 #6**, 2 (1973); **39 #6**, 2 (1974); **41 #5**, 14, 18, 21, 22, rear cover (1976)

Manchester Corporation Transport (E)
Photographs, **17 #4**, 13 (1952); **28 #4**, 2 (1963); **32 #5**, 2 (1967)

Manchester Street Ry. Co. (E)
News Items, **1 #1**, 6 (1938)
Photographs, **17 #4**, 13 (1952); **26 #3**, 50 (1961)

Manhattan & Queens Transit Co. (E)
News Items, **1 #9**, 14 (1936)

Manhattan Ry. Co.
Electricity and the Elevated, E. Alfred Seibel, **39 #3**, 6-12, 46, 47 (1974)*

Manistique & Lake Superior R.R. Co.
News Items, **32 #5**, 43 (1967)

Manitou & Pikes Peak Ry. Co.
News Items, **11 #4**, 25 (1946)
Photographs, **35 #1**, 9 (1970); **48 #3**, 15, 16, 156 (1983)

Manns Creek R.R.
Photograph, **26 #3**, 11 (1961)

Mansfield Electric Street Ry. (E)
News Items, **2 #8**, 8 (1937)

Marcellus & Otisco Lake Ry.
The Marcellus and Otisco Lake Ry., John H. Brinckman Jr., **8 #2**, 6 (1943)*
Marcellus & Otisco Lake Ry., Robert O. Waters and Robert O. Hardy, **15 #2**, 20-25 (1950)*
Photographs, **45 #4**, 9 (1980)

Marianna & Blountstown R.R.
News Items, **42 #1**, 36, 40 (1977)

Marietta & Cincinnati R.R.
Photographs, **48 #6**, 21 (1983)

Marine R.R. Co. (E)
Old Long Island Trolleys, William P. Hamilton III, **2 #1**, 3 (1937)

Marion Railways (E)
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Market Street Ry. Co. (E)
Trolley to San Mateo, Walter A. Zackon, **14 #2**, 6, 7, 33 (1949)*
Around San Francisco Bay, Harre Demoro, **35 #2**, 13, 16 (1970)
The Boomer Cars, Harre Demoro, **40 #4**, 61-63 (1975)*
News Items, **6 #1**, 10 (1941); **6 #2**, 31, 32 (1942); **6 #3**, 14 (1941); **6 #4**, 11 (1941); **7 #1**, 12 (1942); **9 #1**, 17 (1944); **9 #2**, 19 (1944); **9 #4**, 25 (1944); **10 #2**, 22 (1945); **11 #2**, 23 (1946); **12 #2**, 13 (1947); **13 #1**, 16 (1948); **14 #3**, 15 (1949)
Photographs, **35 #2**, 19, 20, 44, 45 (1970)

Maryland & Delaware R.R.
Photographs, **45 #3**, 74 (1980); **46 #1**, 30 (1981); **48 #3**, 33, 40 (1983)

Maryland & Delaware Coast Ry. Co.
Railroads on the Eastern Shore, J. Cecil Matthews, **34 #1**, 39-49, 64 (1969)*

Maryland & Pennsylvania R.R. Co.
A 1913 Incident on the "Ma and Pa.," **15 #1**, 25 (1950)
Steam Returns to the Ma & Pa with a Canadian Accent, Ara Mesrobian, **32 #2**, 24-32 (1967)*
Memories of the MA & PA, Willard H. Hart, **43 #2**, 4-10 (1978)*
News Items, **1 #1**, 13 (1938); **12 #2**, 19 (1947); **20 #1**, 15 (1955); **30 #1**, 37 (1965)
Photographs, **6 #3**, cover (1941); **6 #4**, 12 (1941); **25 #3**, 40 (1960); **29 #1**, 63 (1964); **30 #5**, 41 (1965); **31 #1**, 47 (1966); **31 #4**, 29 (1966)

Maryland, Delaware & Virginia Ry. Co.
Railroads on the Eastern Shore, J. Cecil Matthews, **34 #1**, 39-49, 64 (1969)*
Photographs, **44 #1**, 16 (1979)

Maryland Midland R.R.
Photographs, **46 #3**, 36 (1981); **50 #3**, 105 (1985)

Massachusetts Bay Transportation Authority (E)
News Items, **29 #5**, 45 (1964); **30 #4**, 14 (1965); **31 #5**, 40 (1966); **33 #5**, 28 (1968); **36 #1**, 32 (1971); **38 #3**, 42 (1973); **38 #6**, 60 (1973); **39 #2**, 39 (1974); **39 #4**, 22 (1974); **40 #1**, 17 (1975); **40 #3**, 54 (1975); **41 #3**, 83 (1976); **42 #2**, 23 (1977); **42 #3**, 103 (1977); **42 #6**, 37, 47 (1977); **43 #2**, 38 (1978); **43 #4**, 34 (1978); **44 #2**, 42, 43 (1979); **45 #2**, 35, 46 (1980); **46 #2**, 31, 33 (1981); **49 #2**, 34 (1984); **49 #6**, 38 (1984); **50 #4**, 44 (1985)
Photographs, **44 #3**, 80 (1979); **38 #3**, 37 (1983); **49 #3**, 26, 29 (1984)

Massachusetts Transportation Authority (E)
The Story of Rapid Transit, Boston, Robert L. Abrams, **25 #2**, 4-17 (1960)*; **25 #3**, 14-22 (1960)*
News Items, **24 #4**, 36 (1959); **25 #1**, 15 (1960); **25 #2**, 20 (1960); **25 #4**, 25 (1960); **12 #4**, 18 (1947); **14 #2**, 20 (1949); **20 #2**, 31 (1955); **20 #3**, 27 (1955); **21 #1**, 24 (1956); **22 #4**, 28 (1957); **23 #1**, 22 (1958); **23 #3**, 23 (1958); **23 #4**, 35 (1958); **24 #1**, 29 (1959); **26 #3**, 37 (1961); **26 #4**, 50 (1961); **27 #1**, 27 (1962); **27 #2**, 34 (1962); **27 #3**, 15 (1962); **27 #4**, 31 (1962); **28 #1**, 37 (1963); **28 #3**, 36 (1963); **28 #4**, 46 (1963); **29 #3**, 14 (1964)
Photographs, **22 #2**, 11 (1957)

Mauch Chunk Switchback Ry.
From Black Diamonds to Tourists, Edward F. Gardner, **14 #1**, 12-13 (1949)*

McCloud River R.R.
Photograph, **31 #2**, 58 (1966)

McKinney Avenue Transportation Authority (Dallas)
News Items, **49 #6**, 38 (1984)

Memphis Street Ry. Co. (E)
News Items, **12 #1**, 11 (1947)

Memphis Union Station Co.
Last Day Memphis Union Station, R. Lyle Key Jr., **29 #4**, 22-25 (1964)*

Mercer & Somerset Ry. Co.
The Mercer & Somerset Railway, Carl Wieland, **43 #4**, 26-33 (1978)*

Mercersburg R.R.
Photographs, **46 #3**, 37, 104 (1981)

Meridian & Bigbee R.R. Co.
Photographs, **44 #3**, 86 (1979)

Metropolitan Atlanta Rapid Transit Authority
News Items, **39 #2**, 31 (1974); **39 #4**, 21, 22 (1974); **40 #1**, 17 (1975); **40 #3**, 54 (1975); **41 #3**, 83 (1976); **42 #1**, 43 (1977); **43 #4**, 46 (1978); **44 #2**, 43 (1979); **50 #2**, 47 (1985)
Photographs, **40 #3**, 55 (1975)

Metropolitan Railways (N.Y.C.)
Photographs, **42 #1**, 7 (1977)

Metropolitan Transportation Authority (New York City) (E)
News Items, **36 #2**, 37 (1971); **38 #4**, 46 (1973); **39 #3**, 23 (1974); **40 #1**, 46 (1975); **42 #2**, 47 (1977); **45 #2**, 35 (1980); **48 #4**, 38 (1983)

Metro-Dade Transportation Administration (E)
Rapid Transit Comes To Miami, **49 #6**, 22-28 (1984)*

Miami Beach Railway (E)
News Items, **4 #4**, 7 (1939)

Michigan Central R.R.
The Michigan Central's Canada Division, William L. Reddy, **21 #2**, 24-26 (1956)*
Photographs, **5 #4**, cover (1940)

Michigan Electric Ry. (E)
Michigan Interurbans, Samuel P. Worthington, **1 #1**, 9, 10 (1938)

Michigan Railway (E)
Photographs, **27 #3**, 9 (1962)

Middlesex & Boston Street Ry. Co. (E)
Trolleys West of Boston, Henry B. Brainerd, **6 #5**, 10 (1941)

Middletown & Hummelstown R.R.
Photographs, **49 #3**, 50 (1984)

Middletown, Highspire & Steelton Street Ry. Co.
Street Railways of Harrisburg, Richard H. Steinmetz, **39 #5**, 6-18 (1974)*

Middletown & New Jersey Ry. Co. Inc.
Photographs, **29 #3**, 8 (1964); **30 #1**, 6 (1965); **33 #1**, 54 (1968)

Middletown & Unionville R.R.
News Items, **12 #3**, 14 (1947)

Midland Continental R.R.
News Items, **35 #3**, 23 (1970)

Midland Terminal R.R. Co.
The Midland Terminal, **14 #3**, 25-27 (1949)*
News Items, **8 #2**, 15 (1943)
Photographs, **17 #4**, rear cover (1952); **36 #6**, 32 (1971)

Midland Valley R.R. Co.
A Brief Look at the Muskogee Lines, Paul Kutta, **44 #5**, 16-20 (1979)*

Milford, Attleboro & Woonsocket Ry. Co. (E)
History of Trolleys in Woonsocket, Rhode Island, Edwin V. Dunlop, **1 #2**, 17 (1938)

Milstead R.R. Co.
News Items, **7 #4**, 14 (1942)

(The) Milwaukee Electric Railway & Light Co. (E)
The Story of Milwaukee Electric, David Gladfelter, **20 #1**, 4-9 (1955)*
News Items, **1 #8**, 7 (1936); **5 #1**, 6 (1940); **5 #3**, 13 (1940); **5 #5**, 21 (1940); **7 #4**, 6 (1942); **9 #3**, 18 (1944); **11 #3**, 21 (1946); **14 #1**, 29 (1949)
Photographs, **33 #1**, 45 (1968)

Milwaukee Rapid Transit & Speedrail Co. (E)
News Items, **15 #1**, 12, 13 (1950); **16 #4**, 18 (1951)
Photographs, **15 #3**, 11 (1950)

Minneapolis & St. Louis Ry. Co.
News Items, **1 #3**, 13 (1938); **8 #1**, 18 (1943); **10 #1**, 17 (1945)

Minneapolis, Anoka & Cuyuna Range R.R. Co.
News Items, **9 #3**, 18 (1944); **32 #4**, 26 (1967)

Minneapolis Industrial Ry. Co.
News Items, **35 #5**, 37 (1970)

Minneapolis, St. Paul & Sault Ste Marie R.R. Co.
News Items, **10 #1**, 17 (1945); **12 #3**, 14 (1947); **16 #4**, 27 (1951); **30 #3**, 43 (1965); **34 #5**, 38 (1969); **35 #3**, 23 (1970); **35 #4**, 41 (1970)
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Reading Transit & Light Co. (E)
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Regina Municipal Ry. (E)
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Richmond & Petersburg Electric Ry. Co. (E)
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Richmond—Ashland Ry. (E)
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Richmond, Fredericksburg & Potomac R.R. Co.
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Roanoke Railway & Electric Co. (E)
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Rochester Transit Corp. (E)
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Rochester City & Brighton Ry. (E)
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Rockton & Rion R.R.
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Rutland Railway, Light & Power Co. (E)
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St. Johnsbury and Lake Champlain R.R.
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St. Francis Basin Project of the Cotton Belt Route, James R. Fair, Jr., **43 #5**, 28-34, 46 (1978)*
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Salt Lake & Utah R.R. Corp. (E)
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San Diego Metropolitan Transit Development Board (E)
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The Front Platform, Harold Ahlstrom, **36 #4**, 27-35, 47, 48 (1971)*
Presidents Conference Car
The Remarkable P.C.C., E. Russell Snyder, **18 #3**, 10-16 (1953)*
Midwest Boomers, George V. Arnoux, **33 #3**, 6-10 (1968)*
Passenger Cars
Post War Pullman Plans, **10 #2**, 25, 26 (1945)
Post War Notes, **10 #3**, 33 (1945)
The Observation Car, Harry B. Baughey, **11 #2**, 18 (1946)*
Literary Workshop, **13 #4**, 6, 35 (1948)*
1001 Nights (More or Less), John L. Ford, **37 #4**, 19 (1972)
Business Car Relocates In Belleville, Illinois, **42 #5**, 45 (1977)*
Rail Motor Cars By Brill, Samuel L. James, **44 #1**, 12-17, rear cover (1979)*
News Items, **49 #4**, 46 (1984)
Photographs, **36 #5**, 12, 19, 31 (1971)
Budd Co.
News Items, **39 #6**, 16 (1974); **42 #1**, 35, 36 (1977); **43 #4**, 44 (1978)
Photographs, **36 #1**, 40 (1971); **43 #1**, 37 (1978)
Greenville Steel Car Co.
News Items, **39 #2**, 28 (1974)
Stephenson, John & Co.
The John Stephenson Car Works, Harry B. Baughey, **10 #4**, 7 (1945)*

COMPETITION
Greyhound Corporation
The Train, the Bus and the REAL Competitor, Paul H. Reistrup, **42 #6**, 30-33 (1977)

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Locomotives
Riding The New Locomotives with Timecard, **2 #4**, 4 (1937); **2 #5**, 4 (1937); **2 #6**, 3 (1937)
When Engines Had Names, Richard H. Steinmetz, **2 #10**, 5-6 (1937)*
Some Locomotive Fundamentals, Paul T. Warner, **1 #2**, 14 (1938)
Switching Locomotives, Paul T. Warner, **1 #3**, 9-11 (1938)*
The 4-4-0 (American) Type, Paul T. Warner, **1 #4**, 9-12 (1938)*
Moguls and Ten Wheelers, Paul T. Warner, **2 #1**, 3-5, 18 (1939)*
The Atlantic (4-4-2) and Pacific (4-6-2) Types, Paul T. Warner, **2 #2**, 4-7, 17-18 (1939)*
Consolidations and Mikados, **2 #3**, 17, 18, 20 (1939)*
Early Basic Improvements in the Locomotive, **5 #2**, 3-6, 13 (1940)*
The Iron Doughboy, **9 #1**, 15 (1944)*
U.S. Invasion Locomotives, **10 #1**, 20-21 (1945)*

The Gas Turbine Locomotive, **11 #3**, 12-15 (1946);* **13 #1**, 13 (1948)
Steam Is Yet King on American Railroads, **14 #2**, 10-11 (1949)*
General Electric Gas Turbine Electric Locomotive, **18 #2**, 26-28 (1953)*
The Mighty Hudson, Walter A. Zackon, **23 #1**, 4-11 (1958)*; **23 #2**, 18-23 (1958)*; **23 #3**, 16-19 (1958)*
Locomotive Rosters Through Data Processing, Jack M. Holst, **33 #4**, 10-11 (1968)
The Passing of the Locomotive, Modern Methods of Terminal Traction, **34 #2**, 6-22, 76 (1969)*
Internal Combustion Locomotives and Vehicles, Samuel M. Vauclain, **36 #5**, 6-33 (1971)*
John Molson, **37 #4**, 31 (1972)*
From Buffalo to the Pacific Behind Steam, Devan Lawton, **38 #1**, 6-15, 63 (1973)*
Shop Engines, Fritz Lehmann, **38 #1**, 41-47, 63 (1973)*
Streamlining, Otto Kuhler, **39 #1**, 7-15, 18, 19, 22-24 (1974)*
A History of the New Haven Pacifics, A. M. Bixby, **40 #1**, 12-16, 51 (1975)*
Dedicated With A Prayer, K. C. McDaniel, **40 #4**, 19-22, 25 (1975)*
Compound Locomotives on the Northern Pacific, **40 #4**, 6-18, 64-67 (1975)* Postscript, Robert L. Frey, **41 #4**, 29, 36 (1976)
Coal Program Not Successful, **50 #2**, 17 (1985)
The Friends of 4935, R. L. Eastwood, **42 #4**, 20-26 (1977)*
The Hudson Created Over 50 Years Ago, Louis F. Champlin, **43 #5**, 36-39 (1978)*
The Stourbridge Lion and the Dawn of the Steam Railroad Era, A Staff Report, **44 #5**, 36-38 (1979)*
Old Puff, A Tempest in a Teapot, Richard F. Palmer, **45 #2**, 16-19, 46 (1980)*
Original GG1 To Be Preserved, **45 #3**, 116-118 (1980)*
RS1 The First Road Switcher, Sandy Burton, **46 #1**, 26-32 (1981)*
Locomotives of the Lithograph, **48 #6**, 20-30, James Edward Kranefeld (1983)*
What Happened To Those OTHER Locomotives? Carl M. Lathrop, **50 #2**, 12-21 (1985)*
News Items, **33 #1**, 46-48 (1968); **34 #5**, 36-37 (1969); **37 #1**, 44 (1972); **37 #3**, 21 (1972); **45 #5**, 44, 47 (1980)
Archetype of Steeple Cabs, The Ponemah Electric Locomotive, Joseph D. Thompson, **30 #6**, 17-20 (1965)*

LOCOMOTIVE BUILDERS

American Locomotive Co.
Alco Photo Collection Presented To NRHS, **37 #5**, 26-28 (1972)*
RS1 The First Road Switcher, Sandy Burton, **46 #1**, 26-32 (1981)*
What Happened To Those OTHER Locomotives, Carl M. Lathrop, **50 #2**, 12-21 (1985)*
News Items, **42 #4**, 41 (1977)
Photographs, **44 #3**, 25 (1979)
Heisler Locomotive Works
Photographs, **41 #3**, 37 (1976)
Locomotive Builders
Lancaster Locomotive Works, Leon R. Franks and M. Luther Heisey, **5 #1**, 3-5 (1940)*

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Freedom Train
Freedom Train Recalled, W. Maury Darst, **39 #2**, 6-8 (1974)*
American Freedom Train, **40 #4**, 26, 27 (1975)*
Photographs, **40 #3**, rear cover (1975); **41 #3**, 37 (1976)
Marine Operations
Railroading on Water, **2 #9**, 5, 6 (1937)
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Photographs, **43 #2**, rear cover (1978)
Music
Music with a Railway Theme, Carl Wieland, **44 #5**, 30-35 (1979)*
More Music with a Railway Theme, Carl Wieland, **45 #2**, 32, 47 (1980)
Railway Postal Service
Finale For The RPO, Samuel L. James, **42 #5**, 28-31, 47 (1977)*
Our Postal Car Service, Scribner's Monthly June 1873, **46 #6**, 4-9, 45 (1981)*
Service Equipment
Railroad Track Cars, James B. Gwin, **49 #1**, 26-31 (1984)*
Timekeeping
Railroad Watches And Time Service, Larry Treiman, **41 #1**, 4-20, 48 (1976)*
How W. F. Allen put America on Standard Time, Louis Wolfe **48 #4**, 12-18 (1983)*
Keeping Accurate Time: A Railroad Specialty, **48 #4**, 19-21 (1983)*

RAPID TRANSIT

Rapid Transit
Rapid Transit in Great Britain, William P. Hamilton III, **14 #3**, 10-13 (1949)*
The Future of Urban Transit, William A. James, **10 #4**, 25-26 (1945)
Urban Mass Transportation Administration Rail Rapid Transit Capital Grant Projects Approvals Through May 31, 1970, **36 #1**, 30-32 (1971)
The Rapid Tramway, Stewart F. Taylor, **36 #3**, 8-19, 45-47 (1971)*
Rapid Transit in Munich, William D. Warren and William C. Jones, **38 #2**, 21-24 (1973)*
Ridership Growth, **48 #6**, 40 (1978)

SAFETY

Safety
Bar Use of Oil Lanterns, **2 #5**, 7 (1937)
Safety First, **1 #3**, 2, 3 (1938)
Whistling Out the Flag, Frank P. Donovan, **19 #4**, 20-22 (1954)*
The Safety First Train, Henry S. Libby, **33 #1**, 26-29, 58 (1968)*
Safety With A Bang: The Railway Torpedo, John H. White, Jr., **48 #6**, 14-19 (1983)*
News Items, **36 #2**, 39 (1971)

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Signals
Centralized Traffic Control, Maurice Peacock Jr., **2 #2**, 15-17 (1939)*
Guardians of the Way, Maurice Peacock Jr., **6 #2**, 35-39, 48 (1941)*
Automatic Block Signaling Increased in 1940, Maurice Peacock, Jr., **6 #4**, 6-7 (1941)*
Railway Signaling and National Defense, Maurice Peacock, Jr., **6 #5**, 6-7 (1941)*
Train Control and Cab Signals, Maurice Peacock Jr., **8 #1**, 8-10, 13, 20 (1943)
The Manual Block System, Maurice Peacock, Jr., **8 #2**, 7, 8, 13 (1943)
The Rise and Fall of the Interlocking Tower, Lawrence J. Meloling, **19 #2**, 30-31 (1954)
Twenty-first Street Tower, Chicago, Donald Dietrich, **21 #4**, 30, 31 (1956)
Misadventures of a Railroad Signalman, Paul Hedrick, **39 #5**, 40, 41, 55 (1974)
News Items, **39 #3**, 21 (1974)

TRACK

Track Structure
Modern Concrete Crossties, Rodger W. Frederick, **38 #1**, 36-40, 63 (1973)*
Dating Nails, John F. Collins, Jr., **38 #3**, 28-30 (1973)*
More About Tie Dating, Charles M. Knoll, **39 #3**, 13, 46 (1974)*
Crossties, Andrew M. Weist, **45 #1**, 12-15 (1980)*
News Items, **43 #1**, 36 (1978); **45 #4**, 46 (1980)

WARTIME RAILROADING - WWII

Wartime Railroading
Memories of Railroad War Board Revived at Dedication of Tablet, **5 #3**, 16-18 (1940)
American Railroads and Air Raid Precautions, Leon Franks, **7 #2**, 12, 15 (1942)
Railroad Travel in Wartime, John D. Denney Jr., **8 #2**, 9 (1943)
U.S. Railmen in Persia, Col. John A. Appleton, **9 #1**, 11, 12, 22 (1944)*
Government Seizure, **9 #2**, 26, 27 (1944)
Buffalo Chapter and the War, **10 #1**, 26, 27 (1945)
Railroads in the Civil War, John W. Barriger, **31 #6**, 6-33, 57 (1966)*

RAILROAD MAN'S MAGAZINE 1906-1913, 1914-1919, 1929-1932
THE RAILROAD AND CURRENT MECHANICS MAGAZINE 7-1913 - 12-1913
RAILROAD STORIES 1932-1937
RAILROAD MAGAZINE 1937-1960

This magazine and *Railway Age Magazine* best reflect the changes in railroading over the years. The latter reflects government activities, competition, and physical changes such as signaling, larger locomotives, bridges; the former the human side concerning what the employees did and thought. The former also reflects the development of the railroad hobby. No other magazine has the amount of first person memoirs going back as far as the 1860s. For that reason this pulp paper magazine has great historical value.

The magazine was created by Frank A. Munsey, who had several other pulp magazines, and until 1931 it was specifically aimed at employees, primarily telegraph operators and station agents and secondarily for the engine and train crews. Many depot people had long stretches with little to do except listen to what was being transmitted over the telegraph lines. The magazine filled this void.

Fiction comprised 75% of its contents. The writing was trashy, none written by recognized rail fiction writers. The non fiction was written mostly in first person dialog. It tended to exaggeration. The magazine also reported new patents, brief items on railroad progress, and people with long service.

A volume had four issues, and for years each issue had 192 pages, then increased to 240, and later reduced.

There were also considerable railroad poetry and railroad jokes. Arthur Curran, the first rail fan to contribute articles, began a series in 1913 on locomotives. In the mid teens it began what later was named "True Tales of the Rails," which were first person articles of experiences. Those having potential historical value were indexed. After the November, 1918 issue it converted to weekly beginning with the November 2, 1918 issue and continuing through Jan. 18, 1919 at which time it ceased. These weekly issues dropped most of the non fiction material and pictures. It resumed in December, 1929 with much that had been discontinued when it became a weekly restored. It is unfortunate the magazine was not being published in the 1920s because it would have contained articles of what railroading was like in the 1850s. However in the early 1930s it was still possible to have a very few first person articles on the Civil War era.

In 1921 Charles Fisher began the first rail fan organization, the *Railway and Locomotive Historical Society*, and by 1929 the rail fan movement had broadened beyond just several hundred persons. Subscribers of the reinstated magazine included many rail fans. In 1931 the magazine asked who collected pictures. The initial list of names totaled more than 100, some of whom became well known in the hobby and some of whom were merely teenagers. The magazine initiated a picture collector's department, and in 1932 began publishing at no charge interests of rail fans as to pictures they collected or offered. This became the *Switch List*, and subsequent hobby magazines have carried them although now run as classified advertisements. In 1932 Edwin P. Alexander, the future Pennsylvania Railroad historian, began a model railroad department, the first, which several years later *The Model Railroader* built upon. Also in 1932 the magazine began publishing what it would become well known for - railroad locomotive rosters. In 1933 it issued the first fastest train speed survey which became an annual and for years was handled by Donald Steffee in the magazine and later in *Trains Magazine* until the great slow down began in the late 1950s-1960s.

The 1930s saw the writing of better fiction of which John Johns and E. S. Dellinger were tops. Also, the fiction gradually matured from violence to more representative descriptions of railroad life. Up to 1960 the magazine was still presenting fiction, but most of it in the latter '50s were reprints from earlier issues. The age of railroad fiction writing, like the steam locomotive, had virtually died by the early '50s.

During the 1940s and 1950s there was an increasing rail fan readership and lessening of employees as the lonely telegraph stations had been abolished.

Street and interurban railway articles and current news became regular features. *True Tales* was eventually discontinued but many person wrote in and had published portions of letters concerning railroad experiences. No other magazine did this as well as *Railroad Magazine*. I did not index these items although possibly I should have.

During the 1950s the magazine gradually deteriorated after Freeman Hubbard replaced Henry Comstock as editor. His melodramatic, superficial style of writing often ruined a good subject. The magazine by 1960 was headed for oblivion.

Unfortunately there are very few locations having the magazine prior to 1930. and few prior to 1935. Besides the locations given in the *Union List of Serials, Series Three*. The Library of Congress has it on microfilm, and reels of it are available for sale. The Railroad Museum of Pennsylvania at Strasburg has it on film.

The magazine reproduced many photographs taken by individuals at that time, most of their names being unknown to me. I have wondered what happened to their negatives?

An annual index appeared for the years 1941-1952. It was begun in 1944 and later extended back to 1941. I have reproduced all the references (Items) as long as they did not exceed three in one year. For four or more I refer to the issue. These annual indexes appeared at different times of the year. as given here:

1940	7-47/ pages 132-139	1947	2-48/120-127
1941	8-49/116-127	1948	2-49/130-138
1942	4-46/124-139	1949	2-50/111-123
1943	1-44/127-139	1950	2-51/107-124
1944	1-45/120-136	1951	2-52/100-119
1945	2-46/128-142	1952	2-53/106-117
1946	2-47/129-139	1953	2-54/6-15, 121-125

I did not index contemporary articles that were better covered in another magazine such as two pages in *RR Mag*. but *Ry. Age* had four pages.

An * indicates an illustration. Probably 90% of the one page items have no value and should not have been indexed, but which ones? So, I included all.

UNITED STATES AND CANADIAN RAILROADS

Aberdeen & Rockfish RR: 10-44/6; 7-47/66;

Abiline & Southern RR: 9-52/130

Abitibi Southern RR: proposed in Que. 4-50/46-55;

Adirondack Ry: 8-49/75;

Adirondack & St. Lawrence RR: Pres. Harrison's special train to Malone, NY top Loon Lake in 1892 8-46/36-39; Items: 1-41/77-78; 5-41/141*;

Ahnapee & Western RR: 7-42//153; 5-50/45; 11-51/24, 29;

Akron & Barberton Belt RR: 5-53/33*;

Akron Canton & Youngstown RR: mix train 12-51/34-39; Roster 2-55/46; Items: !-41/136, 137; $-41/115; 5-41/42; 9-41/133; 1-42/133; 3-42/139*; 4-42/134; 6-42/89; 7-48/68, 69*;1-50/75*; 1-50/146; 9-52/121;

Alabama & Chattanooga RR: early cab 11-43/14;

Alabama & Florida RR: 6-42/89;

Alabama & Western Florida RR: 4-45/77;

Alabama Great Southern RR: Frt. car tracers 2-10/104-108; Queen & Crescent Route 12-21-18/433-441; 1-50/135;

Alabama Tennessee & Northern RR: Item Caboose #122 12-41/122*; 11-50/122;

Alameda Belt Line: 3-51/25;

Alaska RR: Authorized by the Govt. 6-14/307-312; Location 8-14/741-744 & 7-15/517-520; Construction 7-17/384-397; Telegraph station during construction 11-17/466; Train at Chicaloon 7-31/492; Trestle and tunnel 9-31/189Seward sta. 10-34/40; Tanana River bridge 8-36/131; Supt's rail car 8-38/92; roster 8-39/26-28; Whitier Yard 1-44/42-43; Operation 10-54/32-38, 59; 9-48/81*;
Items: 2-40/130; 9-40/64;10-40/67; 2-41/30; 11-41/51; *12-44/120; 4-45/95*; 3-46/39*; 5-46/33*; 9-46/101-105; 1-47/57; 4-47/131*; 1-49/61*,

7-49/135*; 7-50/127-128; 10-50/132; 1951/See Index 2-52/100; 4-52/12; 9-52/138; 8-53/113-114;
Alaska Central RR: Construction 3-07/315-316 & 6-07/164;
Albany & Northern RR: 9-46/90-91, 93;
Albany & Schenectady RR: 9-53/44;
Albany & Susquehanna RR: Wreck with Erie in 1869 3-33/16-23; Gould & Fisk raid on in 1869 3-33/16-23; 10-49/131;
Alberni Pacific Ry: 1-44/125*;
Alberta & Greater Waterways Ry: train 3-31/527-528
Alberta Ry & Coal Co: Item: 2-41/131; 9-41/132
Aliquippa & Southern RR: 4-45/60; 5-50/45;
Algoma Central Ry: Memories 12-43/131; 3-45/100; 2-50/8-25*; 6-50/134-135; 1-52/20;
Algoma Central & Hudson Bay RR; Operations 2-50/8-25; Roster 11-54/46-47;
Algoma Eastern Ry: Item 1-41/132;
Allegheny Portage RR 10-31/393; Item: 2-41/6; 5-41/125; 7-44/63;
Allegheny Valley RR: Dispensing money in 1876 11-07/305-310; 12-45/15; 11-50/89, 91;
Alton RR: See also Chicago & Alton RR: 1942/See 4-46 index/124; 3-44/77, 79, 80; 7-44/121; 1945/See 2-46 index/128; 1946/See 2-47 index/129; 10-47/122*; 2-48/79; 10-48/71*; 11-48/6;
Alton & Eastern RR: 2-41/125;
Alton & Southern RR: 3 cyl. loco. 9-48/134*; 4-49/4*;
Amador Central RR Turntable 4-43/129*; 1-47/51*;
Amboy Lansing & Traverse Bay RR: 10-52/17;
Androscoggin & Kennebec Ry: 4-41/117; 11-50/99; 11-53/100*;
Ann Arbor RR: Snow bound special train of Sarah Bernhardt 11-32/36-41; roster 9-42/76-79; Car ferry 3-43/110-117; Car ferry 11-54/10-21, 63-68; 7-42/153; 9-42/76*; 12-42/81; 12-45/14; 7-53/53; 11-52/23, 31;
Item: 3-40/137*; 4-41/113; Grate Lakes RR War 3-413/110; 6-47/44*; 1951/See Index 2-52/101;
Annapolis & Elk Ridge RR: 12-42/81;
Anthony & Northern RR: #1 4-4-0, 10-17/191-192
Anticosti Ry (Anticosti Island , Que) 9-40/121-122; Item: 9-40/121
Apache Ry: 11-49/124; 11-50/126; 12-50/127*;
Arcade & Attica RR: fan trip 12-40/28-32; 2-54/44-63; 9-42/52*; 5-45/65; 8-47/155*; 1-50/104; 6-50/54;
Arcadia & Betsey River RR: Abandoned 7-36/98; 8-53/124*;
Arcata & Mad River RR 45 1/4" gauge log RR 9-34/38-39; 11-35/86; 6-53/34-53; Items: 8-41/17, 33; 12-46/124*; 1-49/68; 5-50/45; 6-50/52; 10-52/106-107;
Arizona & New Mexico RR: Items: 11-41/116
Arizona Eastern RR: 7-49/137-138;
Arizona Southern RR: 8-42/98;
Arkansas & Ozarks 5-50/59; 6-50/131;
Arkansas Harbor Terminal: 10-47/132;
Arkansas Midland RR: 1861 loco. 5-14/129;
Arkansas River Valley & Northwestern RR: Unsuccessful 7-17/490;
Arkansas Valley Ry: 10-42/94;
Arlington & Fairfax RR: 6-38/63-65
Aroostook & Northern RR: Construction 6-15/249-252;
Asbestos & Danville RR: 5-48/128*;
Ashley Drew & Northern RR: 2-52/124-125; 4-52/131;
Atchison Topeka & Santa Fe Ry: Denver Memphis & Atlantic RR fight with S.F. in Kans. 1885 10-06/151-156; Nogales, Az to Guaymas, Mex 1889 telegraph & train handling 5-07/622; Pension plan installed 9-07/621-622; Early life and financial hardship 9-07/673-683; "Slipper" Letts, forger of S.F. tickets 3-08/193-199; Tales along the S.F., in the southwest 7-08/287-301 & 8-08/490-503; Life on the Ry in Colo. mtns 9-08/697-708?; Happenings around Kansas City 10-08/65-77; Locos #194 & 196 in 1884 and Rio Grande River washout 4-09/393; Coyote Special of Walter Scott, L.A. to Chic. 7-10-342-350; Concrete ties after 3 years 8-10-488; Moving an ice house at Winslow by RR 12-12/486; Use of ponies to pull loco ran out of water in 1887 12-14/833-835; War for control at Raton 1-16/ 23-24; Profession entertainers for employees at YMCA 9-17/104-105; Reclamation yard Corwith, W. Chicago & Michael J. Collins 7-18/451-460; Control of the Oakland, Cal. water front 7-31/566; Pacific Fruit Express Handling oranges 11-30/486-492; "Navajo" train runs out of water 5-32/560; Royal Gorge war with D&RG 8-32/22-30 & 8-32/22-30; 4 banit's epitaph 8-32/91; Hot Springs, NM resort 8-32/91; Raton mtn 3-34/40-45; Silver ore mistaken c.1885 30-34/45; Bogus passes 10-34/74-77; flood at San Marcial, NM 5-36/4-32; Making of a boomer 6-39/29-41; "Super Chief" train 9-37/52-57; "El Capital" train 7-38/66-70; "San Diegan" trains 7-38/70-71; Wrecking engineer experiences1900-1940 6-42/6-49; Cajon Pass pixs 1-44/66-77; Manual block system at Lugo, Cal. 6-46/92-95; Inglewood, Cal sta.1-48/68-73; Trains at Victoryville, Cal 8-48/28-35; Reefer trains 12-48/18-45; Ottawa Jct. KS train activities 1-49/32-40; Tehachapi operation described 2-49/12-39; Tehachapi and Mojave, Cal 8-50/62-73; Bakersfield reefer icing 10-50/64-65; Land grant legends 12-51/40-53; Santa Anita Sta, Arcadia, Cal Sta 8-53/116; Missing train true tale 7-54/40-45; San Marcial, NM flood 8-54/70-76; Scrap salvaging and M. J. chlin 7-18/451-460; Biography of brakeman and conductor on 30-40 years of service 4-44/26-45 & 5-44/48-63 & 6-44/86-101 & 7-44/50-63;
Equipment: #1300 first mallet for pass. service 4-4-6-2 1-10/615; #1700 2-8-8-2 4-10/434; Flexible joint boiler 8-11/278-282; Boiler explosion at Tehachapi 2-10-2 11-12/297 & 5-18/72-73; Articulated boiler 2-6-6-2 2-13/172-173; #1443 4-4-2 performance 8-16/708; Automobile equipped with flanged wheels for insp. 11-16/514; 2-10-2 blows up 5-18/72-73; #3834 buried in flash flood mud at Woodford, Cal 4-33/130-133; Gas el. car M190 6-33/88; #901 2-8-0 10-33/140; Quadruplex mallet designed 12-33/93; #632 4-8-0 6-34/66; #0151 4-4-0 11-34/91; #282 2-8-0 4-35/59; #1830 after a retaining wall failed 7-35/43; Box car #123456 11-36/58; Roster 5-37/82-84; & 6-37/113-115; & 7-37/113-116 & 8-37/61-63; Caboose #849 1-39/19; First 5400 hp diesel 6-41/30-39; Wrecker #99778 6-42/37; New Alco diesels 7-47/6-11; #3800 1-50/48-57; Roster 10-50/108-116 & 11-50/116-117 & 8-59/64-67; Caboose #1038 12-41/14;
Items: 1940/See 7-47 index/138; 1941/See 8-49index/125; 1942/See 4-46 index/136; 1943/See 1-44 index/ 136; 1944/see 1-45 index/131; 1945/See 2-46 index/139; 1946/See 2-47 index/129; 1947/see 2-48 index/126; 1948/See index 2-49/136; 1949/See Index 2-50/120; 1950/See Index 2-51/120; 1951/See Index 2-52/115; 1952/See index 2-53/115; 1953/See Index 2-54/122;
Atlanta & Carolina RR: 6-50/91;
Atlanta & Charlotte Air Line RR: Memories 7-36/52-56
Atlanta & St. Andrews Bay RR:Track improvements 8-40/62; Roster 8-52/102-105 ; Items: 8-41/85; 10-42/132; 5-43/84*; 2-47/124; 10-47/130*; 8-50/50, 53; 4-51/72; 8-50/65;
Atlanta & West Point RR: roster 12-39/112-115 & 7-52/108-111; 9-44/108; 5-45/16-29; 12-45/14; 2-45/95*; 1-50/29, 41; 1-52/131; 3-52/34-35*; 11-53/68*;
Atlanta Birmingham & Atlantic RR: 10-46/12-41; 9-50/85;
Atlanta Birmingham & Coast RR: special train hauling Pres. Roosevelt 7-35/51-53; Roster 9-40/68-72 ; Items: 1-40/54; 4-40/125; 1-41/76; 4-41/122; 4-42/119; 7-42/130; 10-42/83; 7-43/102, 110*; 11-43/143; 7-44/24; 9-44/108; 12-44/14; 9-46/8; 10-45/12, 41, 42*?;
Atlanta Northern RR: 12-45/15;
Atlantic & Danville RR: 8-49/132*, 133; 9-52/59, 106; 10-53/50;
Atlantic & East Carolina RR: 10-44/87, 88; 12-46/86*; 3-49/69;
Atlantic & Great Western RR: 7-43/20; 12-45/63*;
Atlantic & North Carolina RR: History 6-18/240-242; 8-42/99*;
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Lines west of Harrisburg: Altoona apprentice school 6-07/59-64;Robbery of train #39 at Lewiston narrows 8-31-09 for $65 of pennies 11-09/213-219; Altoona apprentice school begun 8-11/356; Bradford, Oh YMCA 4-14/800-802; Altoona handles nearly 500 locos daily & huge shops 8-16/621-635; Juniata Shops 9-16/37-50; Altoona car shop[s 10-16/193-208; Altoona to Pittsburgh train operation 11-16/440-456; Altoona sta. c. 1879 6-34/45; Wreck at James Creek near Dawson, Pa. c. 1903 6-36/21-23; Altoona test plant 8-36/91-95; Johnstown flood 9-36/40-46; Johnstown flood 1889 pix 8-39/119-121; Wye track bridge at Oil City, Pa. 6-40/73; Enola terminal 11-41/6-24; Enola and Rockville bridge pix story 7-46/58-67; Conway yard, Pittsburgh 4-56/36-39; Elida, Oh. sta. 8-57/33; Sunbury & Lewistown Branch 10-52/48-57;

Equipment: Renumbering pass. & frt. cars lines west of Pitts. 1-07/632; "Reuban Wells" loco being preserved 5-07/686; #3396 2-8-8-0 7-12/327; K29 4-6-2 12-12/554-555; Tractor loco. 6-13/97-98; Steel coach #1724 fire tested 7-13/246; Clearance car #495601 10-13/43-44; 85 ton hopper cars #180002 8-17/567-569; El. loco. #3931 12-17/694-697; Rubber tired road switcher used at Jersey City 8-16/671; Cl L 4-4-0 of 1880s 8-15/831-832; special flat car #435476 & 80 ton load 7-16/504; Hopper car #180,000 85 tons 8-17/567-569; Experimental 2-C-C-2 el. frt. loco 12-17/694-697; #2512 4-4-2 12-52/105; #1 2-8-0 2-35/86 & 8-38/115; K-4 5-35/46-48; Club car #59801 9-38/56; 4 wheel caboose #175902 2-39/126; Articulated locos 11-35/44-45; Trackless switcher #145 for Baltimore 11-35/81, 82; #10233 4-4-0 9-36/76; Experimental coach seating 42 11-36/55; #10067 0-8-0 9-39/13; Q-1 #6130 4-6-4-4 design short comings 3-46/55; Side door caboose #495734 7-40/66; 4 wheel caboose #485497 11-41/17; Loco. roster 7-41/50-59 & 8-41/50-57 & 9-41/89-95 & 10-41/60-64 & 11-41/77-80; Electric loco roster 1-42/51-60; Converts box cars to port holed wooden bench coaches 12-43/75; T-1 4-4-4-4 12-47/84-85; #5771 custom built diesel 11-48/60-61;#4899 4-D-4 el. loco. experimental 11-49/82-83; E6 3-52/30-41; Locos 12-54/10-23 & 8-57/36-37, 55-59; New switchmobile 12-56/33; New lettering on box cars 4-55/36; 4-4-2 8-58/30-37;

Items: 1940/See 7-47 index/137; 1941/See 8-49 index/124; 1942/See 4-46 index/134; 1943/See 1-44 index/ 134; 1944/See 1-45 index/130; 1945/See 2-46 index/138; 1946/See 2-47 index/135; 1947/see 2-48 index/125; 1948/See index 2-49/136; 1949/See Index 2-50/118; 1950/See Index 2-51/118; 1951/See Index 2-52/113; 1952/See Index2-53/114; 1953/See Index 2-54/121

Pennsylvania & Atlantic RR: 10-51/10; 10-52/138;

Pennsylvania & New York RR: 8-44/132*;

Pennsylvania Eastern RR: 12-52/69;

Pennsylvania Reading Seashore Lines: "Broadwalk Flyer" trip described running 90 mph 1-39/21-25; Roster 12-41/56-59 & 2-59/44; Items: 1-41/22, 28, 32, 34; 8-41/91; 12-41/84; 1942/See 4-46 index/134; 2-43/139*; 3-43/120; 4-43/99*; 1944/See 1-45 index/130; 3-45/51, 54; 7-45/86, 88*, 90*, 94*, 95*; 12-46/132; 1949/See Index 2-50/118; 1950/See Index 2-51/118; 1951/See Index 2-52/113; 1952/See Index2-53/114; 5-53/133-134; 7-53/38-39*

Peoria & Eastern RR: Items 8-40/60*; 1-41;32, 34; 1-42/115, 117; 3-45/51, 54; 2-52/56-57;

Peoria & Pekin Union RR: #18 local train 11-32/475; 12-46/24; 9-49/20*; 8-50/27*;

Peoria Decatur & Evansville RR: 8-51/68;

Pere Marquette RR: Sparrow & nest in car #12270 5-11/712; Train w.#113 at Port Hope 1910 12-36/114; Loco. roster 11-35/88-90; Concrete roadbed 11-31/464; Frank McManamy, loco. eng'r. 3-34/39; Lake Michigan car ferry 3-43/110-117 & 11-54/10-21, 63-687;

Items: 2-40/139; Caboose #A386 upended on a draw bridge 12-41/25; 1941/See 8-49 index/124; 1942/See 4-46 index/134; 1943/See 1-44 index/ 134; 1944/See 1-45 index/130; 3-45/51, 54; 613; 135; 6-49/101; 10-49/58; 12-49/118*; 1950/See Index 2-51/118; 1951/See Index 2-52/113; 10-52/19, 63, 121*; 7-53/66*; 10-53/70-71;

Perry County RR: 10-42/105*; 10-50/62-63;

Petersburg RR: First interstate RR 7-34/45;

Philadelphia & Columbia RR: 4-43/16;

Philadelphia & Erie RR: 7-50/133-135; 5-52/69; 8-52/63-64;

Philadelphia & Reading RR: Nellie Hand prevented wreck in 1905, 10-08/103-109; 1890 run away near Bear Creek Jct. 10-08/124-126; Charles Kind, director of public relations and RR side lights 8-10/474-479; Birth of RR 3-12/322-328; #303 3 cyl. 4-4-2 7-12/267; #1700 2-8-2 3-14/544; Fast run 1902 NY-Phila in 84 minutes with J. Pierpont Morgan 9-17/81-84; Big RRing 10-18/232-240 & 11-18/497-506; Mahanoy Plains in pix, 1887 9-37/81; Phila. 1876 Centennial Expo sta. 9-34/56; #110 4-4-4 12-38/91; Phila. term. in 1880s 3-33/90; Described 10-18/232-240; #1800s 2-8-8-2 pushers 1-18/111-112; Control war 1-16/25-26; RR money 7-42/96-109; 1-52/49, 51; 10-52/65;

Philadelphia Baltimore & Washington RR: 1-53/142*; 4-53/134;

Philadelphia Bethlehem & New England RR: 6-42/92;

Philadelphia Newton & New York RR: 2-52/58-59;

Philadelphia Wilmington & Baltimore RR: 1-50/133; 12-52/44; 9-53/10

Philadelphia Wilmington & Delaware RR: 8-45/19-25;

Pickens RR Items: 8-40/135

Pioche Pacific RR: 8-41/31, 33;

Pioneer & Fayette RR: 8-43/130-133; 8-43/130;

Pittsburg County RR: 9-47/108;

Pittsburgh & Castle Shannon RR: 2-53/131;

Pittsburgh & Conneaut Dock Co: 5-52/19

Pittsburgh & Lake Erie RR: How it operates 2-18/226-240; World's biggest and best little RR 2-18/226-240; Loco. rosters 2-36/90-91 & 11-49/102-103 & 12-49/106-107; Gateway Yard 10-58/18-19; 2-52/131; Items: 1941/See 8-49 index/124; 2-43/61; 10-43/95; 6-44/124; 9-44/112; 9-47/131; 8-49/63; 9-49/20; 1950/See Index 2-51/118; 3-51/131; 4-51/24; 6-51/22-23*; 1953/See Index 2-54/121

Pittsburgh & Shawmut RR: 8-52/67;

Pittsburgh & Susquehanna RR: 11-51/65;

Pittsburgh & West Virginia Ry: Head-on collision near Pittsburgh 11-32/472; Loco. roster 1-35/88-89; Items: 12-42/22*; 3-44/42; 1-45/136*; 10-48/66, 70*; 8-50/124; 2-51/25; 6-51/27; 2-53/83; 6-53/124*; 8-53/14;

Pittsburgh & Western RR: Unusual 1887 wreck 1-35/114-118; narrow gauge wreck 7-52/127; 7-52/127*; 12-52/136;

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Pittsburgh Fort Wayne & Chicago RR: Original Allegheny River bridge in 1864 6-34/84; 3-42/119; 6-45/61; 1-46/60*; 6-46/31*;

Pittsburgh Lisbon & Western RR: 4-41/49-50; 3-42/12*; 3-43/119; 4-43/21; 1-44/127*; 8-45/91;

Pittsburgh McKeesport & Youghiogheny RR: 1-43/82;

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Pittsburgh Westmoreland & Somerset RR: 6-46/26*; 5-52/47;

Plant system (Atl Coast Line RR) 3-43/6; Henry B. Plant biog 2-07./182-188;

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Port Angeles Western RR: 3-50/42*, 43, 45, 52; 1-51/129-130;

Port Isabell & Rio Grande Valley RR: train 1-35/130; 4-41/125; 6-842/89; 11-53/47, 49

Port Jervis & Monticello RR: 6-43/64;

Port Townsend Southern RR: 5-42/81-86; 3-50/41-51*; 9-50/135;

Portage Ry (Muskoka district of Ontario) 7-50/6, 8, 10; 3-48/65*; 7-48/124; 7-50/6*, 8*, 10;

Portland & Kennebec RR: Loco. "R... Williams" 2-17/316-317

Portland & Northeastern RR: Abandon 4-18/547-556;

Portland & Rochester RR: 7-43/69;

Portland & Rumford Falls RR: Head-on collision 3-32/567' 1-41/129;

Portland Saco & Portsmouth RR: 10-43/82*;

Portland Terminal (Me) Loco. roster 10-58/69; Roster 9-46/94-100;Items: 9-45/88*; 89; 2-47/141*; 7-51/129; 10-51/136; 6-52/137;

Portsmouth & Roanoke RR: 1836 frt. tariff 11-08/221; 1837 wreck killing 13 passengers - first serious wreck in U.S. 2-33/68 7-53/111;

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Rahway Valley RR: Pix 4-40/131-134; roster 2-59/44; 7-41/120; 10-41/76; 1-42/64; 10-44/88*, 91; 7-49/40*; 9-49/58*;
Raleigh & Southern RR Cedar Creek, NC trestle 11-32/478
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Raritan & Delaware Bay RR: 7-52/37-39;
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Rio Grande RR of Texas: Vertical boiler loco 2-13/133;
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San Antonio & Aransas Pass RR: Old times on 12-28-18/656-663; Private cars "Fern Ridge & Electric" 12-59/19-20; 4-49/134; 8-49/135-136; 11-49/145; 9-52/135;
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San Jose & Eastern RR: 4-51/138; 9-51/138;
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Abitibi Pulp & Paper Co: 8-50/55;
Albion Mines Ry (N.S.) 3-31/575-577; 8-49/140
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American Rolling Mill Co (Oh) #B-70 diesel loco 10-30/383
Arizona Lbr. & Tbr Co: 11-42/64*
Atkinson Construction Co: 1-49/118*;
Bloedel Donovan Lbr. Co: Caboose #1 12-41/12
Borden Milk Co: tank car BFIX #537 9-40/32
Boone Valley Coal & RR: 9-52/76; 2-53/83
Bridal Veil Lbr Co: 3-08/210-212
Buckeye Steel Casting Co.: #1 0-4-0 11-36/50
Camp Mfg. Co: 10-53/50-61*
Carolina Spruce Co: Log RR near Mt. Celo, NC 11-18/433-440
Cascade Lbr Co: 4-51/57*;
Cherry River Boom & Lbr. Co. 2-39/78-86
Chesapeake Camp Co: 10-53/58*
Chicago Mill & Lbr. Co. 8-53/58
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Cushing, Joe, RR at Fitchburg, Mass. 4-36/113
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Denkman Lbr. Co : Caboose #500 12-41/30*; 5-45/59;
Dowling & Camp Co: #170 3-36/127; 11-41/72*;
Elk River Coal & Lbr: 12-52/126;
Everglades Cypress Co "locomotive" 3-34/95
Evergreen Mining Co. (Crosby, Mn) 12-36/18
Fort Orange Paper Co RR(Castleton, NY) 12-49/82-85
Georgia Pacific Co: 7-52/97;
Glen Haven Canning Factory (Traverse City, Mich) 2-4-0 6-34/95
Gray Lbr Co: 7-53/125*
Great Central Saw Mills Co: Rafting a Shay 2-39/131
Great Northern Paper Co: 3-40/139*;
Grey Lbr. Co. (Va) Horse drawn cars 5-50/63; 5-50/63*;
Guernsey Dam (Wyo) Contractor's RR Shay #1 8-38/117
Hall & Hall Lbr. RR (Stanwood, Wa) to be abandoned 12-38/112
Hall & Manning Lbr. Co: 7-53/62*;
Hammond Paper Co. #4 0-8-0 fireless loco. 6-40/139
Hart & Horning Lbr. Co:7-53/61*
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Henderson Lbr. Co: 8-44/118*;
Homestake Mining Co (S.D.) compressed air loco #9 3-40/140; 1-41/37*;
Hormel Meat Packing Co: 4 wheel reefer NADX #10000 9-40/24; 3-41/77-78;
Horton Lbr. & Tbr. Co., wooden track RR still in use near Jct. City, Lake Creek Valley, Or. 7-35/79
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Kelly Island Lime & Transport Co Shay #17 7-35/132
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Kirby Lbr. Co: 9-47/87*;
Koppers Co: #326 0-6-0 at St. Paul 8-60/57
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Malagash Salt Co. (N.S.) 0-4-0T 6-36/137
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Degan, James J. boomer 5-36/62
Dellinger, E. S. 5-33/65-69; 11-35/6
Earp, James W. CRI&P conductor & author 5-30/256; 7-35/66
Hardy, Graham 6-50/132*
Jackson, Thomas , RR joke writer obit 9-34/57
Lathrop, Gilbert A. , D&RG trainman 10-35/54
McClintock, Harry K. obit 10-57/57
Minor, D. Kimball, first publisher Am. RR Jr. 12-11/552;
Parry, Wm. J. 6-36/16
Pugsley, Edmund E. 1-36/99
Roa, Shields A. ,2-37/116
Sinclair, Angus, magazine publisher & writer 6-35/45
Smith, John E. obit 7-30/544
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Brown, Edward L., pres. D&RG 2-18/297;
Byram, H. E., pres. CM&SP 1-18/168-170;
Canniff, Wm. H., pres NYC&SL 9-09/612-615; Jacobs, Charles W.., builder of N.Y. city tunnels 1-07/676-680; Mellen, Chas. S., pres. NYNH&H 12-07/421-424;
Chamberlin, Edson J., pres. G.T.Ry, 8-12/544-555;
Coffin, Lorenzo S. safety crusader 5-09/715-723; 4-38/56-62
Collins, Wm. L., founder Order of Ry Conductors obit 508/621;
Davis, Henry G., builder W.V.Cent. & Pitts. 3-07/193-199
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Franklin, J. H. Sta. master Grand Central 1871-1900s 9-08/600-607;
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Hill, James J., G.N.Ry & empire, obit 8-16/744-745; 2-37/34-53
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Kelley, Howard G., pres. G.T.Ry 12-17/587;
Lee, Wm. G., pres. B.R.T. union 11-11/299-302
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Miller John F. V.P. Pa. RR 2-12/8;
Millholland, James , 4 generations of RRers, Rdg. loco. designer 7-43/56-57
Moffat David H., pres. D&SL 10-06/79-81, 4-08/477-480;
Plant, Henry B., pres. Plant system (ACL) 2-07/182-188;
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Rea, Samuel, pres. Pa. 2-13/165-166;
Robertson, Daniel B. Pres. B. of L. F. & E. union 12-34/127
Roebling, Joseph A. bridge builder 7-45/63-65
Shepherd, John A., Gen. Mgr, W.M.Ry 10-11/155-759;
Shont, Theodore P, pres. Interborough Rapid Transit 8-07/385-390;
Shunk, Wm. F. builder, N.Y. elevated 10-06/83-84
Sprague, Frank J. Electric Ry designer 8-40/6-24
Stephenson, Geo.: Loco. inventor 6-11/161-168;
Stone, A. J., asst. gen. mgr 11-08/360-361;
Turner, Walter V., air brake inventor 11-17/413-423;
Van Horne, Wm. C.P.R. builder 2-08/51-54;
Vanderbilt, Cornelius, RR car and loco. inventor 12-17/647-650
Vreeland, Herbert H., pres N.Y. City Ry 11-06/231-233;
Webb, Sim, Casey Jones fireman obit 12-57/60
Wells, Reuban, obit, Pa. RR 2-13/33-36;
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Baggage master: Memories 3-10/360-365, duties 2-14/254-259;
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Boomers: 12-29/39-54; 4-30/66-76; Riding 840 miles on the 20th Century Ltd 4-34/41; Life of "Turkey" Moore, 35 years a boomer 10-35/4-46; Twilight of the boomer 10-39/6-38; Boomer's diary 12-42/6-31; Boomer brakemen experiences 10-09/101-107 & 11-09/300-306 & 12-09/531-536 & 1-10/635-640 & 2-10/???;
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Models: House of David live steam RR 4-35/34-37; Tom Thumb RRs 1-39/66-77; Tin plate trains & Louis Hertz, collector 6-37/90-94, 135; Strombeck-

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Interlocking plants 8-17/529-539;
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SHORT LINE RAILROADER 1954 - 1960
STEAM LOCOMOTIVE 1959 - 1960
STEAM LOCOMOTIVE AND RAILROAD TRADITION 1960 - 1968
SHORT LINE ANNUAL 1958 - 1963
RAILROADING 1968 - 1975

These magazines were a one-man operation of William S. Young. Along with the *Western Railroader*, also written by a railroad enthusiast, they were the only rail fan published magazines prior to 1960 which survived more than a year or two. Mr. Young began his publishing at age 16 with the *Crown Sheet* and later the *Short Line Newsletter*, these running from 1944 to 1949. Military service interrupted his publishing. In 1954 he began *Short Line Railroader* magazine (It converted to coated stock paper with issue #34, thereby vastly improving photographic reproduction.) , but over the years his interests diversified and during the final years in the 1960s and 1970s a major interest was publicizing steam rail fan trips. Publishing ceased with the combined issue #52-53, first quarter 1975. *Short Line Annual* listed all the railroads by state with brief item on locos and industries served. It also included brief histories of railroads just abandoned, which I have indexed. None of his magazines carried advertising. Many of the items indexed are short - one or two sentences. I have not differentiated those from longer items.

Sets of the magazine are on file at the Railroad Museum, Strasburg, Pa. 17579; DeGolyer Library, S. M. U., Dallas, Tx. 75275, and the Railway & Locomotive Historical Society's Library

Short Line Railroader I indexed completely. *Steam Locomotive* and its successor has had short line items fully indexed, but for larger railroads only feature articles were indexed. 95% of the references are current news items and usually give only a single sentence or paragraph.

The following coding has been used for indexing:

SLR Short Line Railroader, issues #1 - 46 followed by the page number of the issue.

#1-7	1954	#8-17	1955	#18-27	1956
#28-33	1957	#34-37	1958	#38-42	1959
#43-46	1960				

SL *Steam Locomotive* and *Steam Locomotive and Railroad Tradition, issues* #1-21/22 (a double issue),

#1-2	1959	#3-6	1960	#7-9	1961
#10-12	1962	#13-14	1963	None	1964
#15-16	1965	None	1966	#17-20	1967
#21-22	1968 (a combined issue)				

R *Railroading* which was published six times a year, issues #23-52/53 (a double issue). All articles were well illustrated.

#23-25	1968	#26-31	1969	#32-36	1970
#37-41	1971	#42-45	1972	#46-48	1973
#49-51	1974	#52-53	1975 (a combined issue)		

SLA *Short Line Annual.* Most of the references are articles of 3/4 to 1 1/2 pages dealing with brief history and abandonment. There were four issues dated 1958-59, 1959-60, 1960-61 and 1962-63. I indexed by giving the first year 58, 59, 60, and 62.

P photograph included. Because most articles in *Railroading* are illustrated I did not usually add a P.

R roster included

STEAM & ELECTRIC RRS AND INDUSTRIAL RRS

Aberdeen & Rockfish RR SLR 17/6
Abitibi Power & Paper Co SLR 35/11;
Acadia Coal Co: SL 8/6;
Acme Brick Co SLR 22/2
Ada Atoka RR: SLR 9/2; 20/3
Ahnapee & Western Ry SLR 4/3, 41/3; SLA 58/3; R 27/7, 29/5, 35/4, 40/4, 41/6.
Akron & Barberton Belt RR SLR 18/8
Akron Canton & Youngstown RR SLR 18/8; SL 10/8
Alabama Asphaltic Limestone Co. SLR 29/4
Alabama Byproducts Co: SLR 21/5P, 29/4
Alabama Central RR: SLR 12/3, 29/4, 45/2, 46/4; SL 6/11, 9/9, 17/10-18P, 17/7 P; SLA 61/20
Alabama Marble Co. SLR 29/4, 35/4, 41/10
Alabama Tennessee & Northern RR: R 23/12P, 35/4, 36-6;
Alaska RR: R 42/4
Albany & Northern Ry: SLR 11/3; SL 17/6; R 41/5
Albany Port District Ry: R 44/10
Alberta Coal Co: SLR 14/8
Alexander & Eastern RR: SLR 3/1
Alexander & Rich Mountain RR:: SLR 25/1P
Alexandria Gravel Co: SLR 13/7, 23/2
Algoma Central & Hudson Bay Ry: SLR 39/2
Alton & Southern RR: SL 17/6, 19/7; R 23/4, 24/7
Amador Central RR: SL 7/11
American Crystal Sugar Co: SLR 42/7
American Steel & Wire Co: SLR 42/10
Amtrak: R 39/3-11
Anaconda Copper Mining Co: SLR 37/4; SL 13/8
Angelina & Neches River RR: SLR 1/6, 14/3R, 20/2,26/5P, 27/8, 39/2P, SL 10/4; SLA 58/7
Angelina County Lbr. Co: SLR 14/3R, 20/2, 26/5P, 39/2
Angelina Hardwood Co: SLR 20/2, SL 13/22
Ann Arbor RR: R 23/4
Apache Ry: SL 7/8; R 30/5
Apalachicola Northern RR: SLR 13/23;
Arcade & Attica RR: SLR 24/8, 29/1, 43/3; SL 9/4, 11/7, 12/7P, 13/1P, 13/22P, 15/7; SLA 1962/26P
Arcata & Mad River RR: R 25/22, 29/5
Argent Lbr. Co: SLR 10/3, 15-1, 16-8, 19/5P, 23/1, 38/3, 45/4-5P; SL 19/6;
Arizona & New Mexico RR: SL 3/6P
Arizona & Swansea RR: SL 12/7
Arkansas RR: SLR 33/15P, 39/3, 41/9P,; SL 13/24; SLA 1958/3, 5922;
Arkansas & Louisiana Missouri Ry: SLR 17/4, 22/2, 23/2;
Arkansas & Ozarks EE: SLR 18/3, 21/1, 25/8, 45/3, 46/4; SL 7/9, 8/7, 9/9. 10/8; SLA 1961/21
Arkansas Midland Ry: R 34/3
Arkansas Valley Ry: SLR 18/3
Arkansas Warren & Saline River RR: SLR 30/2
Armstrong Lbr. Co., W.D.: SLR 21/2
Artemus Jellico RR: SLR 4/3
Ashley Drew & Northern RR: SLR 17/4, 22/2; SL 13/13;
Atlanta & St. Andrews Bay RR: SLR 23/3; SLA 1958/7; R 35/5, 38/6
Atlantic & Danville RR: SL 12/7
Atlantic & East Carolina Ry: SLR 10/7, 30/2; SLA 1960/11P
Atlantic & Western Ry: SLR 10/3, 11/2, 17/7; SL 10/7, 11/5
Augusta RR: SLR 17/4, 20/5P, 35/3; SL 10/8, 13/24P; SLA 1958/3, 1959/22;
Auto Train Co: R 28/8, 42/16-23
Babcock Coal & Coke Co: See Mann's Creek RR
Baltimore & Annapolis RR: SL 9, 13/12; R 44/7. 46/5, History 51/1623, 51/1P
Baltimore & Ohio RR: Steam at Wheeling W.V. SL 12/8-17P
Bamberger RR: SLR 37/3, 38/3, 39/4, 40/3-12P, 41/8P, 42/2; SLA 58/3
Barre & Chelsea RR: SLR 15/8, 17/2, 18/1, 24/1, 26/1, 30/3-8P, 34/4
Barre RR: SLR 30/3F
Basket Lbr. & Mfg. Co: R 28/18P
Bath & Hammondsport RR: SLR 4/3, 18/5P, SL 13-23P, SLA 58/7; R 44/6
Baton Rouge Terminal: RR: SLR 12/6, 14/2, 24/3
Bay Terminal RR: SLR 13/1
Bear Creek Junction: SL 17/7, 19/7; R 35/4
Beech Mountain RR: SLR 3/1, 4/4, 5/3, 15/6
Belfast & Moosehead Lake RR: SLR 29/3, 40/2, 42/2, 44/2P, 46/3; SL 6/11
Bell & Zoeller Coal Co: SLR 42/8;
Belt Ry of Chicago: SLR 24/3
Belton RR: 1SL 8/6
Bemis Lbr. Co: SL 19/7
Bentley Lbr. Co SLR 23/2
Benwood & Wheeling Connecting RR: SLR 45/3; SL 6/10; SLA 60/21A
Berlin Mills RR: SL 6/10; R 30/6-9, 35/4
Bessemer & Lake Erie RR: SLR 11/4
Bevier & Southern RR: SLR 35/5, 39/2; SL 3/3, 13/12, 6/4, 7/9; R 34/3, 35/5
Big Creek & Telocaset RR: SLR 37/5P, 40/2, 45/6P; SLA 58/7, 59/22
Birmingham & Southeastern RR: SLR 12/3, 43/4; SL 13/23P, 15/9
Birmingham Slag Co: SLR 29/4
Birmingham Southern RR: SLR 21/4; SL 17/6
Black Hills Central RR: SL 10/6, 12/4, 15/7
Black Mountain RR: SLR 4/3, 9/1, Sold 10/1, 11/1, 21/3, 16/5P; R 25/22, 26-12P
Black River & Western RR: SL 13/8, 15/6, 19/6P; R 24/6, 28/6, 32/7, 40/2P
Blackmount & Haverill RR: SL 10/4
Blue Coal Co: SL 19/6; R 25/23
Bogue Chitto Valley RR: SLR 23/2
Bois D'Arc & Southern Ry: SLR 31/2
Bonhomie & Hattiesburg Southern RR: SLR 12/6; SL 3/3, 9/4, 10/5, 15/10-11 & 16-25P, 15/10P; R 25/23. 44/10
Bowden Ry: SL 15/9
Boyne City RR: SLR 17/3, 42/8; SL 7/11, 11/7, 13/22; R 33/5, 34/3, 36/6
Bradley Lbr. Co: SLR 17/4
Brass D'Or Coal Co: SL 8/7
Bridgton & Saco River RR: SLR Locos. 19/6-7P, 21/7

Brimstone RR: SLR 16/4P, 45/2; SL 12/5, 15/9, 17/7; R 30/5, 37/9PF,
Brimstone & New River Ry: SL 217/7
British Columbia Electric Ry: SL 7/10; SLA 58/7
British Columbia Forest Products Co: SLR 37/4, 44/5P
Brooklyn Eastern District Terminal RR: SL 3/12P, 11/4, 12/4, 12/4, 15/6, 13/12, 19/6P; SLA 60/11P, 62/25P; R 25/22
Brown Lbr. Co., W. P. & Son: R 28/19PF
Buffalo Creek & Gauley RR: SLR 3/6, 13/2, 41/3: SL 7/6, 15/6 & 8, 19/6; SLA 60/1P; R 23/5, Loco.#4 & fan trips 38/16-24P, 39/11, 40/4
Bush Terminal RR: R 27/7. 31/5, 41/5, 42/4
Butte Anaconda & Pacific Ry: SLR 29/7
Cadillac & Lake City RR: SL 15/8; R: R 36/6, 41/3, 42/5, 44/11, 45/4
Cadillac Soo Lbr. Co: SLR 42/9
Cadiz RR: SLR 8/3, 9/2, 11/6, 35/12
Cairo & Graugnard RR: SLR 13/7
Cairo RR: SLR 21/8R
Calcasieu Paper Co: SLR 22/4
California & Oregon Coast RR: SLR 28/1, 31/4-8P
California Western RR: SLR 39/4; SL 15/7, 19/44; R 24/6
Camino Placerville & Lake Tahoe RR: SLR 1/8, SL 7/8
Camp Lejeune RR: SLR 6/1, 30/2, 36/3, 39/2, 44/4; SL 6/11, 8/7; SLA 58/3
Camp Manufacturing Co: R 38/11P
Campbell Limestone Co: SL 12/4, 15/36P; R 38/11
Campbells Creek RR: SLR 15/7, 39/10P; SL 10/7, 11/6; SLA 62/30A
Canada & Gulf Terminal Ry: SLR 39/2
Canadian Collieries Ltd. SLR 37/4
Canadian Forest Products Co: SLR 37/4
Canadian National Ry: #6218 on fan trips 40/10-20P;
Canadian Pacific Ry: Last 4-4-0s SL 1/4-10P, 3/14-18P, triple headed fan trip with 4-4-0 & other CPR trips 5/8-13; First steel pass. cars SL 15/26-31P; 4-8-2 locos SL 15/30-31P; 4-6--2 class G5 SL 17/36-37P
Canastota & Cazenovia RR: SL 19/7; R 23/4, 25/23
Canastota Terminal RR: R 23/4, 24/6, 25/23;
Canton & Carthage RR: RR sold SLR 10/4, 14/8, 16/1, 17/2, 25/5P, 40/2, 43/5, 44/2; SLA 59/22
Canton RR: SLR 42/2, 44/3
Cape Breton Dev. Co: R 28/6
Capital Transit Co: SLR 10/6
Carbide Power Co: SLR 42/9
Carbon County RR: SL 7/9
Carolina & Northwestern Ry: SLR 31/2; R 41/5
Carolina Southern Ry: SLR 27/3; SL 9/9; SLA 62/30PA
Carolina Western RR: SLR 10/3, 17/6; SL 21/4; R 38/8-11; R 23/4, 35/4, 37/5
Carroll Park & Western RR (Tourist): SL 12/4, 15/6
Carrollton RR: R 37/5
Carter Lbr. Co. W. T. & Bro.: SLR 14/3P, 19/4, 21/6 & 7, 38/12, 39/3P, 41/5; R 35/4, 52/7
Cass Scenic RR (See also Mower Lbr. Co.): SL 13/9, 15/7P, 17/8; R 24/6, 44/11P
Cassville & Exeter RR: SLR 25/1, 28/4, 6P, 42/3
Castleman River RR: SLR 15/6, 33/2, SLA 59/22
Cater - Manicouagren Ry: SL 4/20
Catskill & Tannersville RR: SLR 18/6-7, 21/8;
Catskill Mountain RR: SLR 18/6-7, 21/8, 22/7;
Cedar Rapids & Iowa City Ry: SLR 8/3, 39/2
Central Indiana Ry: R 38/6
Central Iowa RR: R 47/6
Central New York RR: R 47/6, 48/4
Central of Georgia RR: #403 4-6-0 on short lines SLR 38/11P
Central RR of New Jersey: Discontinuing Pa. operations R 43/3; Wilkes Barre sta R 45/2P
Champion Fibre Co: SLR 41/2P
Charles Black Gravel Co: SLR 13/4
Charles City Western RR: SLR 42/4P,; SL 15/9
Charleston & Western Carolina RR: SLR 11/4, 37/3, 43/3, 42/2
Chattahooche Industrial RR: SL 8/6, 11/6, 15/8
Chattahooche Valley RR: SL 6/4, 8/4
Chehalis Western RR: SLR 45/9P; R 48/4
Cheney Lime & Cement Co: SLR 35/4
Cherokee RR: SL 15/38P
Cherokee & Southwestern Tourist RR: R 32/7
Cherokee Frontierland: SL 13/9, 15/36
Cherry River Boom & Lbr. Co: SLR 4/6, 6/1,2, 15/7, 31/12, 35/11, 37/3, 39/11P, 45/2
Chesapeake Western RR: Sold to N.&W. RR SLR 7/3, 6; 4/3,
Chicago & Calumet River RR: Abandoned SLR 28/3, 7; 26/6, 30/2
Chicago & Illinois Midland RR: SLR 22/3, 43/3; SLA 58/7
Chicago & South Side Rapid Transit Ry: SL 7/24P
Chicago Aurora & Elgin Ry: SLR 17/1, 21/4, 23/3, 31/12, 39/2, 4, 40/245/3, 41/3, 43/5; SL 7/9, 8/6, 10/9; SLA 61/21
Chicago Burlington & Quincy RR: #5630s 4-8-4 SL 17/19-25P; 4-6-4 SL 17/48P
Chicago Heights Terminal Transfer Co: SLR 42/2; SL 6/11
Chicago Mill & Lbr. Co: SLR 22/4, SL 17/8
Chicago North Shore & Milwaukee RR: SLR 38/3, 39/2, 42/2, 43/5, 44/3, 45/3; SL 4/20, 12/7 13/13, 7/7
Chicago Short Line RR: SLR 41/8; R 24/2P
Chicago South Shore & South Bend RR: SLR 18/8, 24/8, 25/1; SL 17/6; R 27/4, 41/5
Chicago Transit Authority: SL 17/6
Chicago Tunnel Co: SLR 39/2, 3, 40/2; SLA 59/23
Cinclaire Central Factory: SLR 13/6
City of Winnipeg Hydro RR: SL 2/16P
Claremont & Concord RR: Begins operations SLR 7/1 & 9/1; Operations SLR 34/4-5; SLR 5/1, 11/6, 12/2, 14/8, 17/2; SL 6/10, 10/8
Clarendon & Pittsford RR: R 44/10
Cleveland River Terminal Ry: SLR 18/8
Cliffside RR: SL 10/5, 11/4, 12/4, 13/7, 15/8 & 39, 19/4; SLA 62/29P
Clinchfield RR: SLR 16/7, 21/3; #1, 4-4-0 R 45/6-9P & restored #1 R 26/4-13, 23-24 & R 28/20-24.; R 25/22, 26/23P, 27/6, 30/5
Coal Processing Co: SL 13/8
Colorado & Wyoming RR:SL 8/11
Colorado RR Museum: SL 19/7, 12/5,
Colorado RR: Aband. SLR 33/7-11P; SLR 26/6, 32/2
Colorado Fuel & Iron Co: SL 9/7, 12/4
Colorado River Western Ry: SLA 58/3
Columbia & Cowlitz RR: SLR 45/9P
Columbia & Milsteadt RR: SL 7/7, 9/9; SLA 61/22
Columbia & Puget Sound RR: SLR 25/2, 27/2
Columbia Newberry & Laurens RR: SL 7/9
Columbia River Belt Line Ry: SLR 39/6P
Columbus & Greenville Ry: SLR 31/2
Comite Southern RR: SLR 13/4, 14/2P
Comox Log. & Ry: SLR 37/4, 44/9; SL 13/9
Conasauga River Lbr. Co: SL 6/4; R 37/17P
Condon Kinzua & Southern RR: SLR 37/5, 45/6
Connecticut Co: SLR 39/8; SL 7/8; SLA 58/7; SLR 10/5P
Consolidated Sand & Gravel Co: SLR 35/11
Consolidated Water Power &Paper Co: SLR 42/10
Consumers Gravel Co: SLR 42/8
Cook Transit: SLR 8/3, 23/3
Cooperstown & Charlotte Valley: R 38/5. 39/13
Coos Bay Lbr. Co: SLR 45/7
Copper Range RR: SLR 17/8, 42/8; SL 19/6; R 39/13, 45/3
Corinth & Counce RR: SLR37/3, 38/10, 43/4; SLA 58/4
Cornwall RR: SLR 25/8P, 29/2; SL 15/9; R 23/4
Cornwall St. Ry Lt & Power Co: SLR 27/3
Cotton Plant Fargo RR: SLR 9/3, 12/2; SLA 58/7
Coudersport & Port Allegany RR: SLR 1/4; SL 17/6; R 29/4, 33/5, 36/6, 37/5, 44/6, 51/2P
Cowlitz Chehalis & Cascade Ry: SLR 3/1, 11/6, 12/1, 37/8
Craig, John J. Co. SLR 44/2P; SL 6/4
Craig Mountain RR: SLR 37/4, 45/6; SL 7/9, 15/9, 17/7
Crawford Notch Steam Ry: R 30/4
Crosby Forest Products Co: R 37/9P
Crosby Goodyear Lbr. : SLR 35/5
Crossett Lbr Co: SLR 17/4P
Crowell & Spencer Lbr. Co: SLR 3/6, 18/8
Crown Willamette Paper Co: SLR 37/8, 44/10
Crystal River & San Juan RR: SLR 31/12
Cumberland Ry: R 28/8
Cumbres & Toltex Scenic RR: R 44/14-24; R 35/4, 39/13
Cummer Sons Lbr Co: SL 3/11P
Curtis Milburn & Eastern RR: R 38/4
Dansville & Mount Morris SLR 6/4-6; SLR 4/1, 7/2, 8/2P, 15/2, 27/3, 44/3, 46/3; SL 5/20, 6/10P; R 44/6
Dardannele & Russellville RR: #9 2-6-0 SLR 41/6-7P; SLR 17/4, 22/2, 23/2, 29/8P
Davis Bros. Lbr. Co: SLR 22/4
DeBardelben Coal Co: SLR 29/4, 35/4
Deep River Log. Co: SLR 30/1P, 37/8P
Deep River Tbr Co: SLR 21/6
Defiance Coal Co: SL 4/19P
Delaware & Hudson RR: 150th Anniversary special train R 47/14-24; Alco PA pass. diesel locos R 45/16-24; PA diesel and pass. trains R 41/8-21; Freight service R 47/3-5; Ararat R 36/5
Delaware Lackawanna & Western RR: Branchville station SL 17/38-39; Tunhannock Viaduct construction SL 19/8-43, 48 & SL 21/26-45; "Phoebe Snow" Marion F. Gorsch obit SL 19/2; Phoebe Snow, the person and the train SL 21/15-25; Wm. White, pres., SL 21/10-12; Coal mining Dept. R 50/15P
Delaware Otsego RR: history R 24/19-23; SL 15/8, 17/8P; RE 23/4, 24/3, 28/6, 35/4, 38/5, 39/13, 40/4
Delray Connecting RR: R 24/6
Delta Valley & Southern Ry: SLR 9/3
Denver & Rio Grande Western RR: #346 restored and sister locos. R 45/10-15; SLR 36/2. 42/2, 46/2; SL 2/3. 6/8. 9/11. 13/8, 13/11, 15/7, 19/5, 21/4, , Silverton train SL 8/9-10
Denver South Park & Pacific RR: SL 8/2
DeQueen & Eastern RR: SLR 17/4, 21/1, 28/1, 35/4
Des Moines & Central Iowa Ry: SLR 19/2, 42/6P, 44/4' SL 17/6; R 23/4
Des Moines Union Ry: SLR 42/7; SLA 61/8P
Detroit & Mackinac Ry: SLR 19/4, 20/3
Devco Ry: R 28/8
Dexter & Northern RR: Aband. SLR 26/6, 27/2; SL 15/7
Dexter Sulphite Co: SLR 27/2
Dick Construction Co: R 39/18 & 20P
Dierks Forest Inc: SLR 17/4, 35/4, 35/11, 44/3; SL 5/20; R 28/6
Dierks Lbr. & Coal Co SLR 17/4
Dollar Lbr Co., Robt: SL 8/5
Dominion Atlantic Ry: SL 7/10
Dominion Steel & Coal Co: SL 8/7

Dominion Steel & Foundries Co: SLR 35/11, 41/10
Doniphan Kennett & Searcy Ry: SLR 17/4, 38/3
Donora Southern RR:SL 15/9
Dry Gulch RR: SL 17/8
Dugas & Le Blanc Westfield Plantation: SLR 13/6, 35/5; SL 15/7, 10/22-24P
Duluth & Northeastern RR: SLR 24/8, 33/5P, 34/3, 46/3; SL 3/3, 4/18, 5/20; SLA 62/27P, 61/10P; SL 15/7
Duluth Missabe & Iron Range RR: SLR 23/3, 24/8, 42/10; SL 7/9, 13/10P
Duluth South Shore & Atlantic Ry: SLR 17/8
Duluth Union Depot & Trans. Co: R 44/11
Duluth Winnipeg & Pacific Ry: SLR 32/7, 33/10P
Durham & Southern Ry: SLR 17/7, 26/1P, 27/7l R 23/12P
Duval Ry: R 26/3
Eagle Gorge Log. Co: SLR 20/3, 21/2, 6
Eagle Pitcher Co: SLR 35/11; R23/15
East Branch & Lincoln RR: SLR 39/3, 41/3; SL 13/8
East Broad Top: Tourist operation SLR 46/5-12P; SLR 23/4-8; night pictures SL 6/6-7; tourist train R 38/12-15; SLR 4/1, 5/2, 8/2, 15/1, 17/1, 22/2, 23/1, 28/7, 43/3, 46/5P, 45/2; SL 6/6P;
East Camden & Highland RR: R 42/4, 44/10
East Carolina Ry: SLR32/7; SL 13/13, 17/6; SLA 58/8; R 27/7
East Jersey RR & Term. Co: SLR 3/3
East Jordan & Southern RR: Profile SL 11/12-24P; SLR 17/2, 27/3, 42/8; SL 8/7, 9/10, 7/21P; SLA 59/10P, 61/22
East Tennessee & Western North Carolina RR: SL 21/6-9; SLR 16/6, 7, 34/3; SL 3/3, 5/18, 13/13P, 19/5P, 21/5; R 23/2P
East Washington Ry: SLR 10/6, 44/3
Eastern Gas & Fuel Co: SLR 35/11, 41/11P
Edaville RR: SLR 7/6, 19/4, 23/3, 29/3, 43/3, 44/3
Edgemoor & Manetta RR: R 46/6-13: Profile R 46/6-13;
El Dorado & Wesson Ry: SLR 17/4, 22/2; SL 7/7; SLA 58/4
El Paso Southern Ry: SLR 5/3, 6/6
Elk Falls Co: SLR 44/9; R 32/18
Elk River Coal & Lbr. Co: SLR 13/2, 31/12, 39/10P, 41/3; SL 7/4P, 8/5, 9/5, 12/4, 17/7, 15/6
Ely Thomas Lbr. Co: SLR 4/5, 13/2, 15/1 & 7, 25/1, 24/5P; SL 7/8, 15/8, 17/8
Emory River RR: SLR 16/4 & 6, 21/7, 38/3; SLA 58/4P
Erie Lackawanna RR: History of Wm. White as president R 23/19-23; 1972 flood damage R 44/3, 6-7;
Erie RR: 2-8-4 locos R 34/18-23 & R 35/6-15; Starrucca Viaduct trains photographed at it R 47/7-13 & history R 48/1-32; Stillwell suburban cars SL 13/38-45;
Escambia & Lake Superior RR: SLR 29/5, 17/7, 42/8; SL 12/7, 13/12 R 23/4
Escambia Ry: SLR 35/4
Essex Terminal Ry: SLR 35/11; SL 7/11, 13/13; SLA 62/29P, 58/7
Etna & Montrose RR: SLA 61/23
Euclid RR: SL 19/7
Evangeline RR: SL 9/8; SLA 61/23
Everett RR: SLR 4/2; SL 15/6, 17/7' SLA 59/15P
Fairport Painesville & Eastern RR: SL 17/6, 21/4; R 23/4
Feather River Ry: SL 12/7, 13/12, 17/17; SLA 59/1P
Feliciana Eastern RR: SLR 13/4P, 14/2; SL 9/5, 10/3, 11/5
Ferdinand RR: SL 10/7
Fernwood Columbia & Gulf RR: SLR 12/6, 14/8, 32/7P, 41/5; R 44/10
Fitzgerald Gravel Co: SLR 13/7
Flemingsburg & Northern RR: Aband. SLR 16/3,8; SLR 4/3, 8/3, 11/1, 12/1, 14/1, 15/8, 17/2, 19/1, 20/1P, 22/3
Flicknir & Bush, Inc.: SL 19/17 & 47P
Flint Hills Ry: R 48/4
Fonda Johnstown & Gloversville RR: SLR 20/3, 22/3, 41/8P
Fordyce & Princeton RR: SLR 17/4,; SL 17/7
Forest Products Chemical Co: SL 19/7
Fort Dodge Des Moines & Southern RR: SLR 15/1, 16/1, 18/1, 19/2, 24/2, 42/3 & 6P, 46/4; S: 7/9, 17/6; R 23/4
Fort Smith Subiaco & Rock Island RR: SLR 17/4, 22/2, 23/2; SL 10/7; SLA 62/31
Fort Street Union Depot Co (Detroit) R 28/6
Frankfort & Cincinnati RR: SL 7/7, 13/23P, 19/7; R 29/4, 33/5, 35/4, 36/6, 37/5, 38/6
Franklin & Carolina RR: SLR 35/3; SLA 58/4; R 37/6
Franklin Lbr. Co., Geo. B.: SLR 22/4
Gainesville Midland RR: SLR 36/3, 39/3, 40/1P, 43/3; SL 6/4; R 23/12
Galesburg & Great Eastern RR: SLR 41/3, 38/8, 42/2'; SL 6/11; SLA 60/22
Gaspedeia Sulphate Co: SLR 35/11
General Crushed Stone Co: SLR 29/6; SL 11/5
Genessee & Wyoming RR: SLR 16/2, 18/5P, 41/3, 42/2; SLA 58/7, 62/25P
Georgetown RR (Tx): SLR 37/3, 38/2; SLA 58/4
Georgia RR: SLR 11/3, 39/8
Georgia & Florida RR: SLR 1/1; SL 9/10, 11/6; R 25/23
Georgia Ashburn Sylvester & Camilla Ry: SLR 11/3; SL 17/6; R 38/6, 41/5
Georgia Florida & Alabama RR: R 23/1P
Georgia Northern RR: SLR 34/10-11P; SLR 35/12, 39/12P; SL 17/6; R 25/23. 28/6, 33/5, 41/5
Georgia Pacific Co: SLR 37/5R, 46/3, 45/6; SL 6/4, 7/4, 9/5, 10/6, 12/5; 13/13, 15/9, 17/7, 21/4; R 23/4, 38/10
Georgia Southern & Florida RR: SLR 1/8, 4/3, 5/2
Gifford Hills & Co: SLR 13/7, 22/5P
Glasgow Ry: SLR 16/1
Godchaux Sugar Co: SLR 13/6 & 7, 17/1, 21/3, 23/3, 35/5, 24/3
Goldrush Pigeon Forge Gatlinburg & Western RR:SL 15/37P
Goodman Lbr. Co. SLR 42/10;
Grace Contracting Co, Robt.: SL19/17
Grafton & Upton RR: SLR 5/1, 7/1
Graham County RR: SLR 16/6, 28/7, 41/2P,; SL 8/5, 15/40P, 17/7, 19/7; SLA 60/12; R 25/22, 30/5, 33/3, 35/4, 37/1P, 37/7 & 16P, 42/4. 48/4
Grand Falls Central Ry: SLR 41/10
Grand River Ry: SLR 11/4; SL 10/9
Grand Trunk Western Ry: #4070 on railfan trips R 30/6-9; Last steam loco use, #6312 in 1960 SL 4/1,4-18P;
Grassee River RR: SLR 18/5P, 40/2, 41/3
Graysonia Nashville & Ashdown RR: SLR 9/3, 17/4, 20/3, 22/4, 27/8
Great Plains RR: R 46/5, 48/4
Great Southwest RR: SLR 38/3, 40/2; SL 6/11; SLA 58/5
Great Western RR: SLR 36/9-12; sugar car locos on the RR SL 10/18-21; SLR 36/3, 39/8, 41/10, 42/2, 43/5; SL 6/4, 7/14P, 7/9; SLA 62/27P; SL 13/12, 12/5; R 23/16P, 36/7, 41/5
Great Western Sugar Co: SLR 36/2, 41/9P, SL 10/18P
Green Bay & Western RR: SLR 29/5
Green Brothers Gravel Co: SLR 22/4, 24/8
Green Mountain RR: SL 15/8; R 27/7, 41/5, 42/4, 49/2P
Greenville & Northern Ry: SLR 16/7, 41/3, 33/2, 35/3; SL 6/10
Groveton Lufkin & Northern RR: SL 6/14P
Groveton Paper Co: SL 6/11, 15/8
Gulf Pulp & Paper Co SLR 41/010
Gulf States Paper Co: SLR 29/4
Haddock Mining Co: R 39/16P
Hallack & Howard Lbr. Co: SLR 37/4
Hamlin & Northwestern Ry: SLR 28/7
Hampton & Branchville RR: SLR 10/3, 11/2, 17/6, 18/7, 26/8, 35/3; SLA 58/7; R 23/5, 36/20P
Hannibal Connecting RR: SL 17/7
Harbor Plywood Lbr. Co: SLR 37/8
Hartford & Slocum RR: SLR 1/1, 5/2
Hawaii Ry: R25/22
Hazard & Southeastern RR: SLR 19/1, 20/2
Hecla & Torch Lake RR: SLR 17/8, 29/1P
Helena Southwestern RR: SLR 17/4
Hetch Hetchy RR: SL 13/23P
High Point Thomasville & Denton RR: SLR 43/3' SL 6/11, 13/23P
Highlander RR: SL 12/4, 13/9, 15-34P
Hill & Suender Co: R 39/21P
Hill Air Force Base: SLR 41/5
Hillcrest Lbr. Co: SLR 37/4P, 44/9; R 24/6
Hillsboro & Northeastern Ry: SL 10/8,; SLA 58/7
Hillyer Deutsch Edwards Lbr. Co: SLR 23/2
Hine Lbr. Co: SLR 37/5 & 8, 45/7
Hollis & Eastern RR: SLR 37/3, 38/2; SLA 58/6
Holly Hill Lbr. Co: SLR 17/6, 23/1; SL 12/4; R 52/6P
Hoosac Tunnel & Wilmington RR: SLR 5/1, 8/2, 27/8P, 42/12; SL 6/10, 10-8; R 36/6, 40/4
Houston & North Shore Ry: SL 10/8
Hudson & Manhattan RR: SL 13/39R
Hudson Coal Co: SL 7/11
Huntingdon & Broad Top Mountain RR: History SLR 2/3-6; SLR 1/10, 3/2, 4/1 & 2, 5/5, 6/2, 8/5P
Huntsville & Lake of Bays RR: SLR 42/2
Huss Ontonagon Pulp & Paper Co: SLR 42/9
Hutchinson & Northern Ry: SLR 8/3, 42/3
Illinois Midland Ry: SLR 31/2, 35/5P, 41/3; SL 7/6
Illinois Missouri Terminal Ry: SLR 24/3
Illinois Public Service Co: SLR 42/8
Illinois Slag & Ballast Co: SL 7/24
Illinois Terminal RR: SLR 3/1, 5/3, 7/6, 15/1, 22/1, 23/3, 24/3, 29/5, 38/3, 39/3, 43/3; SL 7/9
Indiana Northern RR: SLR 41/8, 42/3, 43/4; SL 7/11
Inland Paper Co: SLR 37/8
Interlake Iron Co: SLR 42/10
Intermountain Lbr. Co: R 37/9
International Nickel Co: SLR 35/11, 41/10
International Paper Co: SLR 37/9P
International Shoe Co: SLR 4/5
Interstate RR: SLR 3/3, 40/2, 41/5, 43/4, 44/4, 45/2; SL 4/20, 6/11, 7/7
Iowa Electric Light & Power Co: SLR 42/5
Iowa Terminal RR: SL 8/7, 9/10, 15/9, 19/7, 21/45; R 24/6
Iowa Transfer Ry: SLR 42/7P
Jamestown Westfield & Northwestern RR: SLR 218/3
Jay Street Connecting RR (N.Y.City): SLR19/1, 36/3, 37/3, 38/3, 39/3 & 4, 43/3; SLA 58/6, 59/24
Jerseyville & Eastern RR: SLR 19/7
Johnson Lbr. Co., C. D.: SLR 45/7
Kaaterskill RR: SLR 21/8
Kahului RR SLR 41/5; SL 17/7; R 25/22
Kanawha Central Ry: SLR 5/3, 8/3
Kansas City Connecting RR: R 26/3
Kansas City Kaw Valley RR: SL 9/10; SLA 61/23
Kansas City Public Service Co: SLR 42/3; SL 6/11; R 24/6
Kansas City Southern RR: SLR 27/3
Kansas City Transit: SL 6/11
Kansas Oklahoma & Gulf RR: R 32/7
Kaw Valley RR: SLR 8/3
Keeweenaw Central RR: SL 19/6
Kellys Creek & Northwestern RR: SLR15/7; SL 15/9

Kellys Creek RR: SLR 15/7, 41/5; SL 15/9
Kentucky & Indiana Terminal Co: R 42/4
Kentucky & Tennessee RR: SLR 16/4, 21/7, 45/2; SL 13/12
Kettle RR: SLR 42/8
King Lbr. Industries: SLR 16/1
King Phillip Mills: SLR 27/2
Kirby Lbr. Co: SLR 14/3, 20/3, 21/7
Klickitat Log & Lbr Co: SL 11/5, 15/7
Kootnay & Elk RR: R 37/5
Kurth Lbr. Co: SLR 14/3, 20/3, 41/5
La Salle & Bureau County RR: R 38/3, 39/13
Lackawanna & Wyoming Valley RR: SLR 34/5, 44/4
Lahaina Kaanapali & Pacific Ry: R 45/5
Lake Erie & Northern Ry: SLR 11/4; SL 10/9
Lake Erie Franklin & Clarion RR: R 48/4
Lake Superior & Ishpeming RR: SLR 17/8, 28/1, 29/7, 38/3, 42/9P; SL 11/7; R 45/4
Lake Superior Terminal & Transfer Ry: SLR 33/4P
Lakeland RR: History, SLR 33/6, 12-16; SLR 17/2, 311/11
Lakeside & Marblehead RR: SL15/9
Lancaster & Chester RR: SLR 41/4P, 42/2
Lancaster & Southern RR: R 27/4
Laona & Northern Ry: SLR 25/8, 42/10P; SL 17/7
Laurel Mountain RR: SL 15/6
Laurinburg & Southern RR: R 36/6, 38/6
Lavino & Co: SLR 35/11
Lee Tidewater Cypress Co: SL 8/5, 11/5
Leelanau Transit Co: SLR 22/3, 24/2
Lehigh & Hudson River RR: SLR 43/3, 44/4; SL 4/3, 5/18P; SLA 58/7, 62/25P
Lehigh & New England RR: SLR 46/4'; SL 8/7
Lewisburg Milton & Watsontown Passenger RR: SL19/6
Litchfield & Madison Ry: SLA 58/6
Little River RR: SLR 39/7P; SL 15/40P
Little Rock Industrial District RR: SLR 14/8
Littler Palmetto RR: SL 15/38P
Live Oak Perry & Gulf RR: SLR 4/3, 11/6; R 41/5
Live Oak Perry & South Georgia RR: R 41/5
Livonia Avon & Lakeville RR: SL 15/8, 17/7P; R 23/4, 36/6
London & Port Stanley RR: SL 10/7, 17/6
Long Bell Lbr. Co: SLR 31/12, 33/8P, 34/9, 37/9P, 45/7; SL 7/11, 11/7
Long Island RR: SLR 3/3, 5/5, 16/1, 22/1
Longfellow Mining Co: SL 3/11P
Longview Portland & Northern RR: SLR 45/10-12; SLR 10/6, 12/2, 13/5P, 34/5, 37/8P; SL 7/10
Louisiana & Arkansas RR: SLR 13/4; SL 6/14P
Louisiana & North West RR: SLR 22/4; SLA 58/7
Louisiana & Pine Bluff RR: SLR 17/4; SLA 30/5P
Louisiana Central Lbr. Co: SLR 29/5P
Louisiana Cypress Lbr. Co: SLR 13/4 & 6, 21/4, 23/1, 35/5; SL 3/5P
Louisiana Eastern RR: SLR 12/6, 13/4, 14/2P, 19/4, 17/5P 40/2; SL 9/4, 12/5; R 23/4
Louisiana Long Leaf Lbr Co. SLR 225P; SL21/5
Louisiana Midland RR: SLR 13/4
Louisiana Southern Ry: SLR 13/7, 38/3, 43/4; SLA 58/6
Louisville & Jeffersonville Bridge: SLR 5/3, 11/6, 14/8
Louisville & Wadley RR: SLR 11/3, 14/8, 45/3; SL 6/10, 9/8, 10/7
Lowville & Beaver River RR: SLR 29/6, 32/7P; SL 13/22
Ludington & Northern RR: SLR 19/4
Macon Dublin & Savannah RR: SLA 58/6
Maggie Valley RR (See also Highlander RR): SL 12/4, 15/35P, 19/6
Magic Mountain RR: SL 8/20
Magma Arizona RR: SL 3/3, 6/19, 7/6; SLA 62/1P; SL 21/4; R 52/26P
Mallakoff Fuel Co: SLR 27/3
Manchester Saw Mills: SL 17/15P
Manhattan Elevated RR: SL 19/21, 26, 27
Manistee & Northeastern RR: SLR 5/3, 7/1, 8/2, 12/1, 17/2, 19/2, 22/3
Manistique & Lake Superior RR:SLR 17/7; R 23/4
Manitou & Pikes Peak RR:SL 8/11P, 19/7
Manns Creek RR: SLR 4/6, 5/2, 9/2, 13/2, 15/1, 25/1, 10/5
Mansfield Ry. & Transportation Co: SLR 1/7, 13/7, 23/3, 27/3, 30/2, 35/3,; SLA 58/6, 59/24
Manufacturers Junction RR: SLR 38/3
Marcellus & Otisco RR:SLR 41/3 & 5, 42/3, 43/3, 44/3; SLA 60/22
Marianna & Blountstown RR: SLR 11/6, 12/2, 38/3P; R 35/5, 38/5, 40/4, 42/5, 44/10
Marinette Tomahawk & Western RR: SLR 25/8, 42/10
Marion & Eastern RR: R 23/12P
Marion Carry RR : SLR 26/2
Maritime Coal Ry & Power Co: SLR 39/2; SL 8/6, 9/9, 10/6P; SLA 58/9P, 61/23
Marquette & Huron Mountain RR: SL 19/7; R 45/5
Marquette & Huron River RR: SL 11/7, 13/7, 15/7,8
Maryland & Pennsylvania RR: SLR 4/3, 5/3, 8/2, 17/2, 33/2, 35/3, 36/3, 41/3, 43/5, 44-3; SL 9/10, 15/6; SLA 58/6; SLR 35/4 & 11; CPR #972 on fan trip R 32/8-17; R 23/5, 28/6, 34/3, 42/4, 44/6
Mason City & Clear Lake RR: SLR 42/4P; SL 7/9, 8/7, 9/10
Masonite Co: SL 6/4
Massachusetts Electric Co: SL 13/9P
Mayo Lbr. Co: SLR 37/4P, 44/4
McCloud River RR: SLR 42/3, 2/6, 3/1; SL 7/10
McClure Lbr. & Supply Co: R 37/9
McMillan & Bloedel Ltd: R 32/1P, 32/18P, SLR 37/4, 44/9, SL 3/12P
Meadow River Lbr. Co: SLR 4/5, 5/2, 13/2, 41/3, 46/4; SL 7/6, 8/5, 15/7P, 17/8, 20/5
Medford Corp: SLR 45/7
Menominee Sugar Co: SLR 42/10
Meridian & Bigbee RR: SLR 12/3, 14/1 & 2
Meridian Lbr. Co: SLR 3/6, 18/8
Meriwether Gravel Co: SLR 35/4; SL 9/8
Merry Bros. Brick & Tile Co: SLR 35/5
Middle Fork RR: SLR 4/4, 5/2, 44/2, 45/3; SL 6/11, 7/8
Middletown & New Jersey RR: SLA 58/7
Midland Continental RR: SL 17/6, SLR 38/3; R 29/4, 32/7, 35/5
Midland Terminal RR: R 28/8
Midland Valley RR: SLR 36/3; R 23/17
Midway RR: R 46/5
Midwest Central RR: SLR 19/6P
Miller Mill Co., T. R.: SLA 58/7P; R 28/8
Milstead RR: SLR 35/5; SL 8/7; SLA 59/6P
Milwaukee Electric Ry & Trans. Co: SL 11/6, 15/9; SLR 42/11
Milwaukee Solvay Co: SLR 42/11
Minneapolis Eastern Ry: SLR 29/5; R 34/3, 37/5, 41/5
Minneapolis Industrial Ry: R 33/5, 39/12, 40/4
Minnesota & Ontario Paper Co: SLR 37/9, 44/10
Minnesota Western Ry: SLR 19/1, 24/3; R 33/5, 39/12, 40/4
Mississippi & Skuna Valley RR: R 45/4
Mississippi Central RR: SL 17/6, 6/11
Mississippi Export RR: SLR 12/6, 35/3, 36/3; SLA 58/7
Mississippian Ry: SLR 12/3 & 6; SL 7/2P, 17/8; SLA 61/1P
Missouri Oklahoma & Gulf RR: R 24/18P
Mobile & Gulf RR: SLR 12/3; SL 13/23, 19/7; Last steam carrier R 28/10-19; R 35/2P
Mobile River Saw Mill Co: SLR 29/4
Modesto & Empire Traction Co: SL 13/22, SLA 58/7
Mohave Northern RR: SLR 35/4P
Monadnock Northern RR:SL 13/8, 15/7P; R 52/24P
Monadnock Steamtown & Northern RR: SL 12/6
Monessen Southwestern RR: Described SLR 20/4R;
Monongahela RR: SLR 16/1
Monroe Sand & Gravel Co: SLR 22/4, 26/8P
Montana Western RR: SLR 11/3P, 20/3, 38/12, 41/5; SLA 58/7; R 32/7
Montana Wyoming & Southern RR: SLR 1/8, 4/3, 5/1, 12/4, 19/4
Montpelier & Barre RR: SLR 26/1, 29/1, 30/8, 34/4, 35/3, 41/5,; SL 6/10, 10/8; SLA 58/8
Montreal & Southern Counties Ry: SLR 10/1, 24/3
Morehead & North Fork RR: SLR 8/3, 12/2, 15/8, 22/3; SL13/12 & 23, 15/6, 9/6, 11/4; SLA 60/6P, 62-29P; R 46/5;
Morris County Central: RR: SL 15/6, 17/7; R 49/9P, 52/4P
Morrissey Fernie & Michel Ry: SLA 58/8
Morristown & Erie RR: SLR 16/1, 44/4, 45/3; R 49/9P, 52/4P; R 31/5
Moscow Camden & San Augustine RR: Profile R 52/7-16; SLRE 14/3, 27/3, 38/12, 39/3, 41/3, 45/3; SL 4/20, 6/4, 7/4; R 35/4, 48/4
Moshassuck Valley RR: SL 7/8, 10/7
Mount Emily Lbr. Co: SLR 45/7
Mount Hood RR: R 25/23
Mount Hope Mineral RR: SL 1/14P
Mount Tom Power Co: SLR 43/3
Mount Washington Ry: New loco. #9 R 32/6-7P; R 28/8, 29/5, 46/5
Mower Lbr. Co: SLR 4/5, 5/2, 46/3P; SL 6/8, 7/7, 7/18P, 8/76, 9/6, 10/4 & 5, 11/7, 12/7, 13/8
Muncie & Western RR: SL10/8
Municipal Docks & Terminal Ry: SLR 31/2; R 41/5
Municipality of East Troy: SLR 42/11
Murfreesboro & Nashville RR: SLR 43/6-7;
Muskegon Ry. & Nav. Co. SLR 9/2, 21/8
Nacadoches & Southeastern RR: Aband. SLR 1/3;
Nahma & Northern Ry: SLR 17/8, 42/9P
Narraganset Pier RR: SLR 38/12; SL 13/23P, 17/6; SLA 58/8; R 38/5
Natchez Urania & Ruston RR: SLR 23/2; R 34/3
National Cash Register Co: SL 10/9
Nebraska Kansas RR: SLR 35/11; SL 7/6
Neils Lbr. Co., J.: SLR 37/4 & 9; SL 11/5
Nelson & Albemarle RR: Memories SL 13/26-32;
Nevada Northern Ry: SLR 5/5
New Haven & Dunbar RR: History SLR 13/3, 6; SLR 10/1, 12/1, 16/1
New Holland Higginsport & Mt. Vernon RR: SL 13/22
New Hope & Ivyland RR: SL 15/8, 17/9P, 19/4P; R 31/5, 35/5, 36/6, 37/5, 41/4, 44/11, 45/4, 48/4, 52/23P
New Jersey Indiana & Illinois RR: SLR 42/3, 43/4
New Orleans & Lower Coast RR: SLR 13/7
New Orleans Public Belt RR: SLR 16/1, 35/5, 43/5
New Park & Fawn Grove RR: SLR 22/6
New River Ry: R 30/5
New York Chicago & St. Louis RR: Steam trips of #759 R 25/3-21 & 27/20-24 & on Erie & DL&W R 34/4-17; on the Pa. RR F 36/21-24; On W.M. Ry frt. run R 36/9-13; on Erie Lack. & D&H RR R 40/21-24. (Note./ The loco. also appears in other articles. but I did not index them to the NKP.
New York Dock Ry: R 42/4
New York New Haven & Hartford RR: In 1923 SL 10/24

New York Ontario & Western RR: SLR 1/8, 8/3, 12/4, 13/1, 14/8, 20/1, 22/3, 26/1, 29/6, 30/1, 35/10, 41/8, 42/3, 43/3P; to be aband. SLR 31/3, 8, sold for junk SLR 33/3-5; Tracing the line R 40/5-9
New York State Electric & Gas Co: SLR 42/12
New York Susquehanna & Western RR SLR 22/1, 34/10, 35/3, 41/3, 43/3; SL 11/6, 12/6, 13/13, 13/43P; SLA 58/6, 62/22P; R 23/5, 27/7, 38/6, 40/4, 52/4
New York Westchester & Boston RR: SL 13/40P
Newfoundland Ry: SLR 19/1; SL 7/10
Nezperce RR: SLR 37/4, 45/6
Niagara Junction RR: SLA 58/8
Niagara St. Catharines & Toronto Ry: SLR 38/3, 39/3, 42/12, 45/3; SL 7/11
Norfolk & Portsmouth Belt Line RR: SLR 13/5, 24/8
North Carolina RR: SLR 10/3, 16/4, 17/6
North Louisiana & Gulf RR: SLR 22/4
Northeast Oklahoma RR: SL 6/11, 15/9
Northern Alberta Ry: SL 6/4
Northwestern Oklahoma RR: R 46/5
Northwestern Steel & Wire Co: SL 8/4; SLR 42/8
Norwood & St. Lawrence RR: SLR 15/2, 32/7, 33/2 & 13P; SL 12/6; R 47/6
Oahu Ry: SLR 41/5
Oakland Terminal Ry: SLR 17/2, 24/3
Ogdensburg & Norwood RR: SL 15/8; R 25/23., 35/5, 36/6
Ohio & Morency RR: SLR 5/6, SLR 4/1,
Ohio Midland Ry: SLR 13/1
Ohio River Sand & Gravel Co: SL 12/9P
Okmulgee Northern Ry: SLR 35/11, 41/10; SL13/23, 15/9
Old Sydney Colleries: SL 8/6
Oliver Iron Mining Co: SLR 42/9; R 27/14P
Oneida & Western RR: Aband. SLR 1/2 & 6, SLR 3/2, 12/3; SL 1/14P
Ontario Northland Ry: SLR 35/11, 39/2
Oregon & Northwestern RR: SLR 37/5 & 8; SL7/10
Oregon Lbr. Co: SLR 37/8, 45/7P; SL 11/5
Oregon Pacific & Eastern RR: SLR 37/8, 45/7P; R 35/4, 36/6, 37/5, 38/5, 42/4, 52/26P
Osage Ry: R 23/12P
Osborn Bay Wharf Co: SLR 37/4P, 44/10
Oshawa Ry: SLR 45/3; SL 4/20, 7/11
Outer Harbor Terminal RR: Aband. SLR 21/3, 22/8, 23/5P
Pacific Coast RR: SLR 25/3-7, SLR 44/5P; R 32/7
Pacific Coast Terminals: SLR 37/4; SLA 60/19
Pacific Electric Ry: SLR 46/4; SL 7/10
Pacific Great Eastern Ry: SLR 12/1, 23/3, 24/1, 26/8, 37/4 & 8, 39/2
Pacific Lbr. Co: SL 19/6, 17/8
Pacific Mines, Inc: SL 12/7
Pacific Pebble Co: SLR 25/5
Pardee & Curtin Lbr. Co: SLR 15/7
Paris & Mt. Pleasant RR: SLR 21/1, 23/1, 24/1P, Described 24/4-7P, SLR 27/3
Parish Line Ry: SLR 13/7
Peabody Short Line RR: SLR 44/2; SL 6/11, 9/10; SLA 58/8
Pecos Valley Southern RR: R 38/6
Peninsula Terminal Co: SLR 37/8P; SL 15/7; SLA 60/14P; SL 21/4; R 38/5, 44/10
Peninsular Ry: SLR 44/12P
Penn Dixie Cement Co: SLR 17/7, 27/3
Penn View Mountain RR: SL 15/6; R 45/5
Pennsylvania RR: Last use of K4 locos SL 11/8-11;
Pennsylvania Power & Light Co: R 29/5
Pennsylvania Reading Sea Shore Lines: SLR 7/6, 18/8
Permian Basin RR: SL 19/7, 9/8, 17/7, 21/4; R 26/3, 27/7, 38/5, 42/4, 51/4
Petaluma & Santa Rosa RR: SLA 58/8; R 32/7
Phoenix Steel Co: SL 8/4, 9/7
Pickens RR: SLR 15/8
Pickering Lbr. Co: SL 7/11
Piedmont & Northern RR: SL 21/4; R 28/6, 29/5
Pine Creek RR: SLR 1/2
Pioneer & Fayette RR: SLR 5/6
Pittsburgh & Lake Erie RR: 2-8-0s SL 17/17P; SLR 28/8
Pittsburgh & Shawmut RR: R 33/5. 34/3, 36/4
Pittsburgh & West Virginia: Steam at Wheeling, SL 12/8P
Pittsburgh Allegheny & McKees Rocks RR: SL 7/9, 12/5; R 38/10
Pleasure Island Park: SL 1/15P
Poinsett Lbr. & Mfg. Co: SLR 17/4, 22/2
Polson Logging Co: SLR 44/9P
Ponemah Mills SLR 10/5P, 27/2; SLA 58/2P
Port Everglades Belt Line: SL 19/7
Port Jersey RR: R 37/5, 39/12
Port Victoria RR: R 37/6
Port of Grays Harbor: SLR 37/9, 44/10; SL 3/18P
Port of Olympia's RR SL 7/22, 24P
Port of Tacoma's RR: SL 7/23, 24P
Portland Traction Co SLA 58/8; SL 8/7
Potlatch Forest Inc: SLR 45/6, 37/4
Potomac Edison Co: SLR 35/3, 37/3, 38/12; SL 7/8; SLA 58/8
Prairie Trunk RR:R 48/4
Prattsburgh RR: SLR 42/12; SL 10/7; SLA 62/32
Prescott & Northwestern RR: SLR 9/3, 22/2, 23/2, 27/8; SL 12/4; SLA58/17P, 62/21P
Preston RR: SLR 15/6, 37/3; SL 6/11, 8/4; SLA 58/8, 60/23P
Providence & Worcester RR: Independent operation R 51/6-15, 24; R33/4. 39/11, 44/10, 45/4, 51/24P.
Puget Sound & Baker River RR: SLR 23/8, 37/9P
Quakertown & Eastern RR: R 23/5, 38/2P,
Quebec Cartier Ry: SLR 43/5; SL 6/8
Quebec Central RR: SL 1/3, 4/3
Quebec North Shore & Laborador Ry: SLR 15/3, 19/4, 22/3, 24/1, 25/11, 43/5
Quincy & Torch Lake RR: SLR 17/8, 42/9P
Rahway Valley RR: Loco. #15 SL 1/11-15; Geo. A. Clark, Pres. R 28/3-6; SLR 1/9, 4/3, 11/5P, 41/3; SL 13/8
Rail City: SL 13/23P
Randolph Clay & Alpha RR: R 26/3, 39/12
Rapides Gravel Co: SLR 13/7, 22/4
Raritan River RR: SLR 1/2, 4/3, 5/5, 6/2, 7/2, 27/3
Rayonier Co: SLR 23/6, 25/8, 37/1/1P, 37/9, 44/6P & 10; SL 8/5, 11/4; RE 24/6
Reader RR: SLR 17/4, 22/2, 27/8, 28/5P; SL 13/12P; SLA 60/4P, 61/4P, 62/27P; R 44/10, 46/5, 47/6
Reading RR: #21402 on W.M.RR fan trip R 42/6-13, 24; #2102 on D&H fan trip R 46/20-22; #2124 on tourist train SL 2/4-13;
Red River & Gulf RR: Aband. SLR 3/4-6; SLR 1/8, 5/2, 18/8
Republic Steel Co. (Birmingham): SLR 29/; R 29/5
Richmond Cedar Works: SL 3/12P
Richmond Terminal Ry: SLR 39/4
Rio Grande & San Juan RR: SLR 19/5
Rio Grande Southern RR: SL 8/12P
Ritter, W. M. Lbr Co: SLR 15/1 & 8, 17/2 & 6, 24/2, 25/8, 41/3, 46/3; S: 10/6, 12/5
River Falls Ry: SL 15/8
Roaring Camp Amusement Park: SL13/8
Robert Dollar Co: SLR 37/5, 45/6
Roberval & Saguenay Ry: SLR 35/11
Rock of Ages Co: SLR 39/4
Rockingham RR: SLR 17/6; R 23/4
Rocton & Rion RR: SL 11/5, 12/2P: SLA 60/15P; SL 19/7P, 21/5; R52/30P
Rogers Bros. Co: SLR 41/5
Rogue River Valley RR: SL 4/2P
Roguemore Gravel Co: SLR 29/4
Rowlesburg & Southern RR: SLR 4/4
Russellville Lbr. Co: R 38/10P
Rutland RR: SLR 21/3'; SL 6/8, 7/9, 10/7, 11/6, 12/6, 13/13, 15/8
Sabin River & Northern RR: SL 17/7, 21/5; R 36/6
Sacramento Northern RR: SLR 2/6, `15/2, 19/4, 24/3
Saint Bonaventure RR: SLR 39/9
Saint Clair Tunnel Co: SLA 58/8
Saint Elizabeth Hospital's RR: R 28/8, 29/5
Saint Francois County RRL Aband. SLR 34/6-8
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Saint Louis & Belleville Electric Ry: SLR 18/7; SLA 58/8
Saint Louis & O'Fallon Ry: SLR 4/1, 6/3, 11/6; Leased to C&EI SLR 6/3
Saint Louis & Troy RR: SL 6/10; SLA 60/23
Saint Louis Shipbuilders-Federal Barge, Inc: SL 17/6
Saint Marys RR: SLR 12/4, 21/1, 22/3, 24/2, 46/2; SL 7/9; SLA 58/6&7
Saint Regis Paper Co: SLR 15/2, 21/7, 37/12, 444/10
Salem Terminal Co: SLR 27/2
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San Diego & Arizona Eastern RR: SL 7/10
San Francisco & Napa Valley RR: SLR 27/3
San Luis Central: SLR 5/3, 10/2, 12/4, 17/5P; SL 8/11
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Sand Springs Ry: SLR 8/3, 11/4
Sandale RR:: SLR 44/4; SL 7/9
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Santa Barbara Tie & Pole Co: SL 4/19P
Santa Maria Valley RR: SLR 41/4P, 43/5; SL 6/4, 11/4
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Savannah Florida & Western RR: R 24/2P
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Scotch Lbr. Co: SLR 29/4
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Seaview Industrial Ry: SLR 27/2
Shenandoah Central RR: SLR6/3, 14/3; SL 15/32P; SLR 34/3P
Simpson Logging Co: SLR 23/8, 25/8, 27/12, 44/10P & 12P; SL 4/19P
Singer Mfg. Co: SL 4/19P
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Skagit River Ry: SLR 4/3, 37/9
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South Georgia Ry: SLR 4/3, 11/6; R 41/5
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South Tahoe Steam Ry: R 25/22
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Southern Industrial RR: SL 19/7, 15/9; R 26/4, 31/5
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Southwest Forest Industries: SL 7/11, 21/4; R 30/5
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Suncook Valley RR: Aband. SLR 8/4-6; SLR 11/2
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RAIL FAN AND TOURIST STEAM TRAINS
Mote: Many articles covered rail fan special trains. Those here indexed are the more definitive articles. The others have been indexed by the name of the railroad operating the train.
Steam fan trips in 1960 SL 5/4-19P; in 1961 SL 7/12-21P
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STEAMBOAT BILL 1940 - 1989

This publication of the Steamship Historical Society of America includes material pertaining to the marine operations of railroads. A cumulative index was prepared by Harry Cotterell, Jr. and W. DuBarry Thomas. From it I have selected the railroad articles when a railroad is indicated in the index. The Society's index also includes an index by boat name of all photographs. However, railroad owners are unknown. The indexing from 1975 through 1989 did not list the railroad names involved with the articles, and so I may have missed listing several articles.

The index which follows is from their index. It gives issue number / initial page number. There is no indication of the number of pages. From 1940 through 1947 the magazine appeared three times a year; since then quarterly. To determine date of issue, use the following guideline: #1-3 1940, #22-24 1947, #33-36 1950, #73-76 1960, #113-116 1870, #153-156 1980, #189-192 1989.

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TRAINS MAGAZINE 1940 - 1951
TRAINS AND TRAVEL 1952 - 1954
TRAINS MAGAZINE 1954 - 1960

This magazine was the idea of A. C. Kalmbach, who had initiated the successful *Model Railroader*. The magazine had a few thoroughly covered articles on railroads or events. I indexed the feature articles except for some generic articles such as photographing or traveling on trains. I did not index news items unless having a picture. I also did not index common types of pictures of large railroads. I indexed a few letters to the editor which added information to a previous feature article. Unfortunately, the degree of coverage of my indexing varies according to how I felt at the moment. Probably some short items I should have indexed.

After World War II over a period of several years the magazine changed its format. In-depth articles that often ran more than 20 pages now rarely exceeded 12, and the ratio of photographs to text increased dramatically. Four page articles of questionable historical value replaced 8 to 10 page articles that had had depth.

As I scanned the articles it made me wistful for the past. For instance, and there were many of these instances found during the 20 years indexed, one short article covered the speed-up of Chicago to Milwaukee trains which had to run 100 mph to make the schedule of 75 minutes and make up 7 or 8 min-utes for 85 miles with several "reduce speed to 90" track signs. In 1999 Amtrak takes 92 minutes with two brief stops, can't make up time, and thinks it's doing a great job, but wonders why patronage is weak.

The index is month - year / page number.

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Arcata & Mad River RR: 4-50/52; Log RR and lumber jack train 6-51/28;

Argentine Central RR: Pix 7-41/31;

Arkansas & Ozarks RR: Caboose #30 3-52/61; Frt. train 12-55/33;

Atchison Topeka & Santa Fe RR: Cajon pass 10-41;38-45; Train service 7-44/20-27; Jointed boiler mallets 2-45/29-33; Main line in winter 7-45/9-19; Train #13 Chicago to Peoria using a motor car 8-45/27; Raton train 8-46/30-35; Tehachapi operation 12-46/14-21; Los Angeles Div. 6-47/19-29; Topeka car shop pix 2-48/37; Loco. #3761 3-48/16-19; "The Chief" train 11-48/38-43; Locos of 5-49/50-53; "Kansas Cityian" pass. train 12-49/40-43; "El Capitan" 3-51/36-40; Summit of Cajon Pass 9-51/14-19; Kaw River record flood at Kansas City in 1951 & Argentine Yd 12-57/14-19; Joliet Union Sta. 3-52/14-17; Diablo bridge 7-52/16-19; Streamlined #3460 1-53/52-53; Death Valley Scotty's train 2-53/14-17; Perishable frt. train #62 62 hrs California to Chicago 9-53/10; Potato train Cal. to Chicago in 107 hour schedule 9-53./60-64; "Super RR" 1-54/15-32; Steam on Cajon Pass 5-54/41-47; Test of General Motors Aerotrain 6-56/42-46; "El Capitan" high level cars 10-56/22-24; #1157 2-6-6-2 & #2001 2-10-10-2 11-57/21; Double deck cars 5-58/20-21; Diesel #800 7-59/12; Mexican train to Magdelena 9-59/23-26; #12094 obs. car 1-60/22; Proposed duplex loco. 3-60/54-55; Auto rack car #90082 4-60/8; M190 articulated diesel electric car in 1960 11-60/9; ICC to order train slow downs due to signaling 11-50/44

Atlanta & West Point RR: Atlanta pass. sta. 8-59/18-21; 6-43/8-13

Atlanta Birmingham & Atlantic RR: 8-42/11

Atlanta Union Sta. 8-59/18-21

Atlantic & Danville RR: 12-50/40-45

Atlantic & East Carolina RR: Described 2-43/40-46; Dieselization 1-47/64-65;

Atlantic & Pacific RR: #84 loco 12-44/18

Atlantic Coast Line RR: #210 4-8-0 11-43/24; Pass. train at Gainesville, Fl 8-47/41; Steam locos 6-50/42-47; Steam locos in Va. 10-55/51-55; Pass. tr. operations for Fla. trains 3-58/18-25; box car #31009 7-60/9; ICC to order train slow down due to signaling 11-50/44; "Southland" pass. tr. 10-47/27-34

Baltimore & Eastern RR: Delmarva Peninsula operations 5-47/14-23;

Baltimore & Ohio RR: (see also Buff. & Susq. RR, Buff. Roch. & Pitts.RR) Locust Point Terminal, Balt. old photo 9-41/26-27; Crum Creek, Pa. branch 2-43/3-34; Baltimore trackage 4-43/8-19; Original jct. at Relay, Md 5-43/46; Trains and line Ellicott's Mills 9-434/26-35; Legal problems with new Havre de Grace bridge 9-44/42; Historic case of drunken passage of Richard W. Cain in 1892 10-44/21; Trains at Cumberland 11-44/36-39; New Chillicothe, Oh turntable erection 1-45/21; Carrying Pres. Roosevelt 9-45/9-10; Cumberland Div. 11-45/8-21; War time bridge at Shepard, Md over Potomac River 5-46/46; Falls Creek, Pa. jct. of B&O , Erie, NYC, Pa. 1-448/39-41; Fairmont, WV roundhouse aerial view 2-48/32; Toledo coal unloader 6-48/5; Elizabeth, NJ trains 5-49/46-49; Trip over B&O in 1858 12-40/24-25; Thomas Viaduct 11-52/20-21; CTC on Toledo to Lima branch 1-53/20-24l Cumberland sta. 4-54/43-49; Transportation museum at Baltimore 6-54/24-30; RDC train 8-55/28-30; Allegheny River bridge at East Mosgrove, Pa. 8-55/34-35; Niles to Fairport, Oh 1-56/47-51; First diner #21 renumbered 195 11-56/26-28; Buffalo & Susquehanna branch 12-56/27-30; DuBois CM tower and GA tower at Sand Patch 2-57/22-23 & 26; Sleeper "Green Bank" 1-60/24; Cumberland Div. operations 8-60/28-39 & 9-60/38-43; Pratt St, Baltimore shop 11-51/42-47; Newspaper special on 6-25-12 Jersey City to Baltimore for 500 papers 10-43/17

Locomotives: "Lady Baltimore" 4-4-4 9-42/12-13;Rebuilding 2-8-2 to 4-8-2 5-43/40-43; #316 dummy 0-6-0 3-44/38; #5300s 6-44/22-23; #7600 2-8-8-4 10-44/20; Constant torque loco. #5800 (not built) 8-49/28-30; "Lord Baltimore scrapped 9-49/62; Rebuilds 2-6-6-2 compounds to simple 10-49/10; Rebuilds 2-10-2 #6222 with new frame and cyls., etc. 2-52/8; #2421 ren. 7010 2-6-8-0 11-57/20; Non articulated 4-4-4-4 locos 11-59/16-25; President class 4-6-2 6-51/45-47

Passenger Service: Dining car service 1-41/4-11; Moves its Toledo to Detroit trains from Pere Marquette to N.Y.C. 1-46/7; Buff. & Susq. passenger service discontinue 2-50/52; "Capital Ltd" 3-50/36-39; Pitts.-Wash. day train 10-51/36-41;Chicago to Wheeling 3 car RDC train 12 1/2 hrs for 768 miles - 61.5 mph 10-55/16-24; Washington to Jersey City pass. service terminated 8-58/10-11;

Bangor & Aroostook RR: Flier at Brownsville 6-41(?)/16 & 2-49/8; Potato frt. 6-49/12-15; Leases diesels to Pa. RR for ore trains 4-54/10;

Barre & Chelsea RR: 9-41/14-18; Wells River 9-51/30-31l

Bath & Hammondsport RR: Frt 4-49/38; 12-46/35-41;

Beaufort & Morehead RR: #4 2-4-2 12-52/56

Belfast & Moosehead Lake RR: 4-44/4-5;

Bellefonte Central RR: mix train 11-47/39; Belleville & Cheraw RR: #31 7-49/40-41; 4-54/58-60;

Bessemer & Lake Erie RR: #647 2-10-4 12-44/19; Pass train #15 1910 pix 2-55/32; Ore train 9-57/16-25;Aerial view where it crosses Erie RR & N.Y.C. 1-58/22-23;

Big Creek & Telocasset RR: Frt. with Heisler 6-55/40;

Billerica & Bedford RR: Locos 3-48/20; 9-59/34-39

Bingham & Garfield RR: Ore train 4-57/36-37 pix;

Blue Ridge RR: 7-41/36-41;

Bonhomie & Hattiesburg RR: #250 8-57/38-39

Boston & Albany RR: Trains over Berkshires 4-42/32-43; Tower at Palmer with C.V.RR 4-48/2; Newton Highlands branch converted to Metropolitan Transit Auth. 12-59/42-43; Berkshire operation 7-49/28-30;

Boston & Maine RR: Hoosac Tunnel 2-42/28-37;Traffic with Me.C.RR 2-44/40-41; Rochester, NH ball signal 5-45/34; Portland terminal 11-46/48-51; North Sta. aerial pix 6-47/38; #4100 4-8-2 2-48/46-47; North Sta. 9-48/14-17; Covered bridge north of Bennington 10-48/29; Diesel at covered bridge 1-49/16-24; "Flying Yankee" articulated train 2-50/6; Rail #1140 on train #9 in NH 10-51/33; #3235 last 4-4-2 4-52/12; Train arriving in Vt. 5-52/48; Covered bridges 6-52/60; #520 4-4-0 on frt. c. 1900 7-53/38; Hoosac Tunnel 6-52/20-21; Local pass. service 3-55/7; Steam train pixs 7-55/53-59; Salem, NH sta. 4-56/63; Box car 74063 with new emblem 9-56/9;J ohnsonville, NY sta. & train 1905 and 1956 2-57/36; Hoosac Tunnel 6-60/18-26; Chicago to Boston frt. route via GTW-B&M 8-50/18-26

Boston & Providence RR: loco. 7-43/28-29;

Boston Revere Beach & Lynn RR: 1-46/30-41

Bridgton & Harrison RR: Rail fan trip 4-41/36-39 & 5-41/3; 2-48/30-31; 2-59/40-46;

Brimstone RR: 12-55/30

Brooklyn Bath & West Eng train 6-41/19

Buffalo & Susquehanna RR: 2-47/38-51; Pass. service ended 2-50/52; 12-56/27-30

Buffalo Creek RR: Box car #10050 8-53/62

Buffalo Creek & Gauley RR: Pass. train service 1-57/33;
Buffalo Rochester & Pittsburgh RR: #801 turned over 2-52/56; Train on Allegheny River bridge at East Mosgrove 8-55/34-35; Sykes Sta. and train circa 1915 12-56/33;
Buffalo Union Carolina RR: 12-50/45
Butte Anaconda & Pacific RR: 9-44/6-7; #65-66 10-52/41
Cadiz RR: #12 2-54/60;
California Western RR: "Skunk" pass. car 5-53/36; Rail cars 9-47/40-46;
Camas Prairie RR: 1-48/36; At Lewiston 11-55/42; 10-52/14-17;
Camino Placerville & Lake Tahoe RR: 1-52/52Fill replaces trestle 7-44/42; log train 8-51/22-26
Campbell's Creek RR: 10-60/42
Canadian National Ry: Bridges 1-41/14-18; Brantford, Int. Jct. 12-74/463-465; Pooling pass, trains 7-43/30-31; Montreal St. Bonaventure Sta 11-43/30-35; At Montreal 8-44/10-21; #6060 4-8-4 10-45/38l ; Snow melting 2-49/39; Hamilton, Ont. train watching 5-48/12-15; 10-49/20-30; Chicago to Boston frt. service 8-50/18-26 ; #9000 first diesel and present diesels 2-53/22-23; Lynn Lake RR 4-55/16-21; Transcontinental pass. trains 8-55/18-21; RR today 3-56/42-49; N.G. diesels for Newfoundland 3-57/9 Essex Jct. sta. 8-58/50-52; #7700 diesel 2-60/41; Winnipeg RRs 10-60/24-34;
Canadian Pacific Ry: Spiral tunnels 12-40/6-10; Lines along Lake Superior 6-41/36-39; & 10-41/47; Crow's Nest Pass line 4-42/14-17; Train trip Toronto to Vancouver in 1941 8-42/36-43; Pool pass. trains 7-43/30-31; #2400 & 5417 1-44/44; #1200 7-44/40; At Montreal 8-44/10-21; Montreal West and its trains 10-45/28-31;"Frontenac" 12-45/10-15; "Dominion" train at Field, BC 3-47/11-12; Rebuilds 2-8-0 to 2-8-2 #5200 5-45/60; Hamilton, One train watching 5-48/12-15; "Mountaineer: train 10-48/36-41; CPR in Vt. 12-48/12-15 & 5-50/16-19; Snow plows and snow melter 5-51/10; Sight seeing cars of 1900-1920 7-49/58; 2-10-4 in pass. and frt. service 9-50/16-2; Kettle Valley line 10-51/14-17; 1951 Royal train at Spring Creek Bridge, BC 2-52/30-31; Spiral tunnels 4-52/22-23; #3000s 4-4-4 4-53/36-37; Sudbury to Port Arthur main line 8-53/24-25; Twin cupola sight seeing car of 1902 2-54/10; #1200s 2-54/51-53; Norton Chipman Branch 4-4-0 5-54/54-59; #437448 caboose 8-54/54, 56; Transcontinental pass. trains 8-55/16-21; Mix train at Teeswater, Ont. 6-58/42; Triple header fan trip w.#136 4-4-0 8-60/46-55; Winnipeg's RRs 10-60/24-34; caboose #45 4-44/9-12;
Canton & Carthage RR: 6-55/23-26;
Cassville & Exeter RR: #345 6-42/51
Central of Georgia RR: "Nancy Hanks" and "Man O' War" new trains 12-47/20-21 & operating results 11-49/5; Preserved loco. 6-54/10; 1-49/36-37; Sleeper "Oostamauala" 1-60/24; "Southland" pass. train 10-47/27-34
Central Pacific RR: Promotory Point meeting 5-42/8-27; "El Gobernator" 4-10-0 8-42/18-19; 10 miles laid in one day 1-43/6-11;
Central RR of New Jersey: Special train Jersey City to Baltimore on 6-25-12 for 500 newspapers 10-43/17; Communipaw facilities 12-46/42-45; Taxed to death 3-48/6-13; Communipaw to Newark Br. and its operations 11-48/52; E'port terminal 6-51/19; Camelback final years 6-53/56-59; #774 and final run 10-54/8-9; Bronx terminal and car float 8-55/40; Camelbacks 3-56/26-30; "Blue Comet" train 6-56/14-17; Train ran off open drawbridge 2-60/36-40; Elizabeth trains 5-49/46-49; Camelback locos 2-41/16-19;
Central Vermont Ry: Pix 5-49/36-37; St. Albans Sta. 6-58/56-59;
Champlain & Ogdensburg RR 2-41/37;
Charleston & Western Carolina RR: 10-49/46-47; caboose #31 2-52/48-49;
Chesapeake & Ohio RR: Train at White Sulphur Springs 1-41/22-23; Chessie cat adv. 3-41/22-23; Between Afton and Waynesboro 9-42/42-45; 600s and 300s 9-43/34-35; Coal traffic 4-45/23-31; No tipping in diners 6-47/63; Rebuilds 4-6-2 to 4-6-4 1-49/51-53; Buying diesel switchers 8-49/7; Coal business 11-49/22-30; Sells dome cars 12-49/6; To dieselize 6-52/22-30; Merchandise train 8-52/28-34; New car ferries 6-53/10; Car ferry at Kewaunee, Mich 7-53/44; Train in New River Gorge 9-55/14-17; Russell car shops 3-56/50-54; Coal operations 4-56/16-22; #1600 2-6-6-6 7-56/50-56; Piggy back on pass. trains 6-59/9; Railvan service on Pere Marquette 8-59/9; Diner #961 1-60/20; Caboose #90070 4-44/9-12;
Chesapeake Western RR: Frt. 9-47/30; 6-49/47-49;
Chesnut Ridge RR: Frt 6-47/39
Chicago & Eastern Illinois RR: Pass. train 8-46/26-27; Every third year train timetable 3-47/62; Described 8-49/16-23; 183' retort on 5 flat cars 10-31/8; Described 10-54/18-26; #171 4-8-0 camelback 2-55/53; Streamlining #1008 2-41/38-40
Chicago & Illinois Midland RR: Pass. tr. 10-48/55; 4-4-0s 3-54/8; 8-55/22-27; Dieselizes 3-60/20-23;
Chicago & North Western RR: Lake St. tower at Chicago 2-41/4-6; "400" train 11-41/4-5; 4-8-4 7-42/5-7; Commuter train 10-49/11-13; Southern Il. coal field operations 4-32/14-20; Ice storm and Mayfair tower, Chicago 11-55/17-19; Considers commuter service to lake front over frt. only track 7-53/9; Kiester, Mn scene 2-54/36-37; Early history 7-43/8-17; Car ferries 8-49/46-49; Train at Geneva 8-44/30-35; Proviso Yd 10-44/6-9; "City of Denver" train 7-46/30-37; train time at Chadron, Neb. 11-47/36-37; Trackside grave memorial at Elrod, SD 5-47/35; 1898 Manitowoc train 12-47/39; Proviso Yd aerial view 3-48/30-31; "Peninsula 400" 7-48/38-43; "Mountaineer" train 10-48/36-41;Bad financial condition 5-56/6; Discontinue many pass. trains wanted 1-57/6, 9; 1881 wreck & bridge and Kaye Shelly at Moingoma 10-56/42-48; Changes 7-58/16-30; Double decker cars 1-59/16-19; Gasoline powered coach #2680 in 1923 8-59/51; Diner "Leland" 1-60/20; Push pull commuter trains 8-60/42-44; U.P. switches streamliners to Mil. 11-55/6; ICC to order train slow down due to signaling 11-50/44
Chicago & Northern Pacific RR: Suburban service 8-46/41;
Chicago & Western Indiana RR: Dearborn St. remodeled 9-47/6; 21st St. crossing scene 10-47/61-62;9:L30 train at Dearborn 1-50/30-31;
Chicago Burlington & Quincy RR: In Chicago area 12-40/26-33; Fast frt. #67 & Galesburg yard 3-43/20-24; #5625 4-8-4 5-43/2; "Twin City Zephyr" 4-45/10-15; Wind River canyon, Wyo. 7-45/24-28; Call board and call boys at Galesburg 11-46/24, 25; At Hannibal, Mo 12-46/46-51; At Galesburg 2-47/52-60; New line at Cimarron River bridge and other improvements 12-47/22-29; Belmont, Neb. tunnel 1-48/51; Travels of pres. Charles Perkins and his business car 1881-1901 3-48/21; Pass. progress 3-49/26-30; "Texas Zephyr" 10-49/40-44; New line due to Big horn River dam, Wyo 11-50/20-21; "Pioneer Zephyr" still running out of Galesburg 10-51/34; "Pioneer Zephy"r 9-52/24-32; Kansas City short cut completed 4-53/56-58; Cheyanne line 3-55/36-37; Frt & Pass. study 11-55/16-26 & 12-55/42-54; 4-8-4s 5-57/31-39; Parlor car "Wisconsin" 11-60/54; Caboose 3986 (?) 4-44/9-12; ICC to order train slow down due to signaling 11-50/44; Piggy back train #61 & #14 7-60/50-53
Chicago Great Western RR: #652 2-6-6-2 11-57/21
Chicago Indianapolis & Louisville RR: Purdue football specials in 1927 11-40/34;Description 7-42/46; 5 o'clock Monon pass. train 9-45/40-41; Reorganized 9-46/5-6, 9; "Day Express" to Louisville and frts. 7-47/111-15; Box car #1 8-47/69 & one year of travels 9-48/56-57; New pass. cars from hospital cars 6-48/30; ; Opens Cedar Lake cut off 1-49/10; Progress report 3-51/16-22; train 5-52/40; Steam 7-54/41-47; Caboose #81828 9-59/52;
Chicago Milwaukee St. Paul & Pacific RR: "Hiawatha" at 100 mph 2-41/47; Electrification 7-41/4-11; "Hiawatha" at New Lisbon 7-41/43-47; Way frt. service at Morton Grove, Il 10-41/4-12; "Midwest Hiawatha" at Elgin, Il 9-42/2; Montour (?) rail line 10-42/8-11; First 4-6-2 5-43/44-45; Tomorrow's RRs, 2-44/24-29; #206 & 262 4-8-4 11-44/40; Record snows in 1936 12-44/20-26; A day at Canton, SD 5-45/14-21; Police power 12-45/28-39; 200s 4-8-3 1-48/18-19; Activity 4-48/19-27; Steam motor car history 6-48/52; #5900'combined loco and baggage car 9-48/4; Olympian Hiawatha 6-49/40-46; 90 mph train 6-50/14-15; Hiawatha trains 12-50/26-30; Prairie du Chien pontoon bridge 1-52/43-45; Electric operation 3-52/56-57; "Beer Line" branch in Milwaukee 8-52/20-23; Mil-Chicago 64 1/5 minutes record 7-53/28-30; #978 0-6-0T 3-55/62; Switches UP steamliners to Mil. 11-55/6; yard caboose #01737 12-56/8; Pig's Eye Yd at St. Paul 10-59/18-23; "Wawatosa" lounge car 1-60/21; Pontoon bridge to be abandoned 6-60/12; ICC to order train slow down due to signaling 11-50/44
Chicago Rock Island & Pacific RR: Train pix 8-42/44-45; Peoria flood scenes 8-43/42; Cabooses 17453 & 019103 4-44/9-12; #5100 1-45/39; Liberal, Ks and another Tex line 5-45/24-25; Henry Farnam, builder, 12-48/42-51; El Reno, Ok roundhouse aerial view 6-49/38; Merle J. Reynolds, pres. eliminates losses 2-53/18-21; Cimarron cutoff 2-53/48-49; suburban trains 6-53/19; Sheffield, Il sta. scene 9-56/36; Obs. car 1664 1-60/23; Joliet sta. 3-52/14-17; New suburban cars 1-50/4-5; Talgo train 9-54/6; Englewood Sta. 2-46/31-37; Lincoln and the RRs 2-46/40-46
Chicago South Shore & South Bend RR: 11-42/16-17
Chicago Union Station: 3-44/4-12
Cincinnati & Westwood RR: small turntable 6-45/42;
Cincinnati New Orleans & Texas Pacific RR: Wreck at Burgin, Ky in 1903 11-55/54-55
Cincinnati Union Terminal: 3-41/14-19; roundhouse aerial view 6-49/38-39; terminal 5-53/14-19
Claremont & Concord RR: 10 car frt. tr. 10-60/43
Clarion River RR mix train 11-47/41; closed 2-49/5-6
Cleveland Union Terminal: Discontinues electric operation 2-54/10;
Cliffside RR: 11-55/28-30;
Clinchfield RR: Frt. 12-48/39 pix; #655 7-43/40; 4-47/24-29; photos 6-54/41-47;
Colorado & Southern RR: Climax Br. frt. w.#641 6-59/34; Leadville n.g. and s.g. 7-42/13; At Central City 1051?/32; n.g. doublehead frt. 8-42/6-7
Colorado Central RR: Georgetown Loop engraving 6-48/53;
Colorado Columbus & Mexican RR: Proposed in 1922-23 3-45/26-27;
Colorado Midland RR: Private car #100 3-59/59; obs. car "Tryphena" 1-60/23; 3 excursion trains at 11 Mile Canyon 4-58/34-36; History 8-57/16-22 & 9-57/42-50; 11-42/4-17 5-43/8-27
Colorado Springs & Cripple Creek District Ry: 7-42/14-25
Columbia Newberry & Laurens RR: Frt. w/#154 2-32/49; Mix train 11-47/38;

Columbus & Greenville RR: 9-58/40-46;
Conemaugh & Black Lick RR: #447 1-44/46
Connecticut River RR: "Ashuelot" #84 4-4-0 12-44/18;
Cornwall RR: 1895 pass. tr. 8-50/50-51;
Coudersport & Port Alleghany RR: 7-44/28-33;
Cowlitz Chehalis & Cascade RR: 6-54/54-58;
Crystal River & San Juan RR: Pass. train 12-45/25; 9-43/8-12;
Cumberland Ry & Coal Co: Closing 2-59/54-55;
Dansville & Mount Morris RR: #304 12-56/26-27
Dardenelle & Russellville RR #10 2-58/54
Dardenelle Ola & Southern Ry: #2 4-6-0 8-47/61-62
Delaware & Hudson RR: Road of new ideas 8-43/4-5;4-8-4 10-43/46; Described 1-45/24-35;#452 last 4-4-0 1-46/55; Schenectady sta 2-48/22-26; Port Kent, NY sta, interior 12-49/39; Locos 7-52/20-25; Steam photos 10-54/41-47; Troy NY at Fulton St 84 years apart 2 photos 4-57/40-41; Binghamton pass. train pixs 1887 & 1957; 3-58/38-39; Sanford Lake Branch 1-59/40-49;
Delaware Lackawanna & Western RR: Bloomsburg branch 12-40/18; Train 11-43/4-7; NJ cut-0ff 10-45/8-15; Commuter train drumhead "Sussex County Express" 12-49/54; Frt. on Poconos running in 1900 4-50/48; Phoebe Snow 6-50/18-26; Frt. train in Utica St. 1-51/28;
Denver & Rio Grande Western RR: Std. G. Lines : Tintic branch 12-41/40-41; Piggy back service 12-41/50; Frt. descending grade at Castle Gate photo 1-43/26-27; Eagle River Canyon to Tenn. Pass 6-44/24-25; #1804 4-8-4 12-43/29; Dotsero or Orestod line original authorized 5-43/30-31; Handling of landing craft tank boats 11-46/30-31; Pass. train with #3703 on Tenn. Pass 2-47/36-37; Calif. Zephyr 6-50/36-41;
Std. or N.G. or both: Doublehead at Plainview, Colo 12-43/24; Motive power 3-46/36-44; RR described 9-49/40-49; Early photos by Fred Jukes 12-53/16-18; 4-58/18-28;
N.G Lines . N.G. to Santa Fe (Chili line) 9-41/4-13;Pagosa Springs branch 10-41/37; Silverton Branch operations 8-42/12-17; N.G. main line 9-44/18-25 ; Original Colo. line 6-45/8-25;Silver Vista car for Silverton mix train 7-47/6; Switching n.g. cars at Montrose by std. g. loco. 10-47/39; Black Canyon line abandoned 12-48/5; N.G. 3-49/36-37; N.G. frt. descending Cerro summit 1-51/30-31; Discontinues "San Juan" train 4-51/8-9; Silverton Pass. train 5-51/46-49; To abandon Marshall Pass line 11-52/8; Oil train at Lobata trestle 3-54/58; Alamosa - Durango line 4-56/48-56; Caboose #01400; Snow storm ties up N.G. 4-57/5,6,8-9; Sells Silverton branch 2-60/5-6. Monarch Br. 11-49/18-21;
Denver & Salt Lake RR: Loop line over Corona Pass pix 4-41/48; History and David Moffat 1-42/28-36; Tunnel #10 fire 2-44/10-17;
Denver Pacific RR: Proposed 1932033 3-45/28-239;
Denver South Park & Pacific RR: Mason bogie locos 4-43/24; Old south Park 11-43/8-17;
Des Moines & Central Iowa RR: 6-41/42-45;
Detroit & Mackinaw RR: Train 3-44/34-35; Last pass. train and early history 7-51/40-45;
Detroit Toledo & Ironton RR: Early 0-6-0 1-42/37; 4-52/34-35;
Diamond & Caldor RR: Log train 5-53/44-45
Dominion Atlantic Ry: 6-51/24-26; 6-54/18-23; Caboose #92 4-44/9-12
Due West RR: Loco. #2 & 3 10-41/35;
Duluth & Northeastern RR: 3-55/52-55; #30 loco. 7-58/8;
Duluth Missabe & Iron Range RR: 11-41/6-19; #1321 at Virginia 9-52/49;Proctor eng. term. pix 6-53/46-47; 2-55/42-47; #211 on ore train 97/36 pix Frt tr. 11-59/26-34; Box care #1550 12-57/8
Durham & Southern RR: #202 on frt 7-54/51
East Branch & Lincoln RR: 7-57/16-18; 2-4-2T 2-53/56
East Broad Top RR: 8-41?/4-16; Doors at tunnel 1-52/50; 11-53/31-49; Revival 12-60/26-31;
East Carolina Ry; Train at water plug pix 1-57/33
East Jordan & Southern RR: 7-45/31
East Tennessee & Western North Carolina RR 12-42/18-24; 2-43/48-49; Abandon 1-51/24-26; Doe River Gorge 11-52/33; Std. gauge steam 7-60/287-29;
Elgin Joliet & Eastern RR: A 28 foot. electric stator shipment 10-45/45;
Erie & Wyoming Valley RR: Insp. loco. #40 1-49/64;
Erie Lackawanna RR: Formed 7-60/18-21
Erie RR: Signal bridge at Jersey City 12-40/19; 4-6-2s 11-40/6-14; Campbell Hall & Maybrook activity 6-42/38-45 "Erie Ltd." train 12-42/6-9; Suburban train at Great Notch 12-43/31; Marion Yd 1-44/31-33; Elezar Lord 5-44/40-41; Triplex locos 11-44/14-15; Pass. & milk train 12-45/20-21; N.Y. Chicago trains 3-46/10-21; 5 PM suburban trains lined up 10-48/34-35; Radio for frts. 10-50/42-45; Main line frt. service 5-51/24-30; #2509 ex Alco 50,000 scrapped 11-52/48-49; Caboose C300 radio equipped 4-53/14; Kinzua Viaduct 7-53/25-26; $29xx 2-6-80 11-57/20 pix; Camelbacks 2-41/16-19; Falls Creek Jct, Pa. 1-48/39-41
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Florida East Coast Ry: History and description 4-41/18-25; New line Fort Pierce to Utopia, 5-47/48-49; Key West pass. service 11-47/45-48; Key West extension 1-53/48-49; Handles 52 Shriner Specials in and out of Miami in June 1952 10-53/54-59; Control decided 8-58/14;
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Fremont Elkhorn & Missouri Valley RR: Deadwood, S.D. scene c. 1902 5-47/61-62; 2-50/34-35
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Georgia & Florida RR: Mix train 11-47/38-39;
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Hartford & Connecticut Western RR:1894 frt. train w.#18 12-59/54-55
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Nantucket RR: Train pix 8-55/60;
Nashville Chattanooga & St. Louis RR: Caboose X97 4-44/9-12; 1-48/44-48; "Dixie Flyer" & frt. operations 2-51/42-46; Steam locos 2-56/47-51
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New York & New England RR: White Train 1-43/34-37
New York Central RR: See also Grand Central Sta., Lake Shore & Michigan Southern RR.: West Side Elev. line & 72nd St. yard 6-44/6-15; Taking water at 80 mph 4-45/6-9; #6000 4-8-4 5-45/36; Replaces switches at Harmon 6-45/6-7; Replaces Sandusky Bay trestle 8-46/17; Spuyten Duyvl Jct. 3-47/38-43; History in N.Y. State 9-47/47-59; Robt. R. Young testimony before ICC on what RR needs 12-47/64-65; Berea, Oh frt. & pass. sta. 1-48/34-35; Falls Creek, Pa. jct of NYC, B&O, Pa, Erie 1-48/39-41; NYC at Schenectady, 2-48/22-26; Coal unloader at Toledo 6-438/5; Selkirk (Albany) class. yard 7-48/218-29; Overview 11-48/16-25; Berkshire operation 7-49/28-30; Walkill Valley steam & diesels 6-50/30-31; Tilly Foster Sta. on Putnam Div 2-51/50; Northern NY operation 5-52/30-38; Pile driver X556-W in operation 11-52/54-55; Wm. White named president 5-53/6,8; Castleton cut-off 9-53/58-59; Toledo new sta. 10-53/20-23; Robt. R. Young vs Wm. White 4-54/6,8; Pass. service losses-rate increase role of Pa. & NYC 10-56/6,10; Makes big speed up of pass. trains but all are slower than previous up to three hours 2-57/19-20 (sounds like Amtrak but predates it.) 2-57/19-20; Al Perlman pres. interview 6-57/16-21; Flexi van service (container service) 10-57/6; Berea tower 10-57/16-22;4-6-4s 11-57/44-59;NYC-Pa merger 1-58/24-26; Englewood Sta. 2-46/31-37
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Locomotives: #871 4-4-0 12-42/46; #623 4-4-0 5-43/45;#3135 4-8-2 9-44/17; #6009 trip on 11-50/15-19; #999 and rebuilt & renum 1086 in 1906 5-51/56;#800 4-8-4 high pressure 2-55/48-4 & 8-55/55; #X10016 0-6-0T 8-55/59; #9402 on Big 4 4-56/9. #3001 4-8-32 preserved at Dallas 7-57/6; #9512 ex NYO&W 4-58/9; #5344 4-6-4 1-50/47-49;
New York Chicago & St. Louis RR: Caboose #236 4-44/9-12; #730 2-8-4 8-43/25; train photos 11-47/30-31; Mix train at Frankford, Ind. 11-47/40; at Bellevue, Oh 11-49/12-15; Control by DL&W scorned 11-52/7;
New York City & Northern RR: Harlem River bridge in 1880s 12-47/11-13;

New York New Haven & Hartford RR: See also Grand Central Sta. :Hurricane 1938 damage 2-41/22-29; Tonnage and passengers 1939-40 7-41/15-19; Campbell Hall & Maybrook 6-42/38-45; Reactivates locos to be scrapped 2-43/12-18; Providence to Bristol 3-43/29; Car float operation in N.Y. Harbor 8-43/32-33; Locos 3-45/32-40; New Canaan Br. 9-45/18-19; Old Colony suburban service discontinued 4-48/6; Cedar Hill Yd 10-48/12-15; "Merchants Ltd" train 2-49/28-30; Bicycle train 8-49/52-53; Pass. service 2-50/20-26; Bridgeport, Ct yard and roundhouse 5-50/29 pix; Mack rail buses 10-52/80; Wire train repair 11-52/50-53; Poughkeepsie bridge 5-53/26-27; Patrick McGinness, pres. 9-54/46-50 & 3-55/6-7 & 3-56/6, 10 & resigned 4-56/6-7; Hell Gate bridge 10-54/27-30; Buzzards Bay bridge 10-55/56-58; Electric locos 3-57/18-24;3 1/2 hr train NY to Boston 10-57/5; Sleeper #2056 1-60/25

New York Ontario & Western RR: Campbell Hall & Maybrook 6-42/38-45 Pass. train w/#245 2-41/16; Train operations 8-42/20-30; 8-49/36-37; Financial problems 1-35/5-6; For sale 6-50/6; Diesel frt. at Apex, NY 1-57/324-35; Closes 7-57/23-30; Train at Mayfield in 1911 9-59/50-51; Camelback locos 2-41/16-19

New York Susquehanna & Western RR: Engine pixs 8-42/4-5; Summer pass. train to Stillwater, NJ 1-45/42;7-46/10-23; In Del. Water Gap 9-48/26-27; diesel and steam frt. pixs 2-51/29;

Newfoundland Ry: 11-44/30-35;3-49/54-55; diesels 3-57/9;

Nezperce & Idaho RR: Train 6-47/34; #4 4-4-0 ex NP 684 8-53/14-17; 1-53/14-15

Norfolk & Portsmouth Beach RR; Caboose 4-444/9-12; 5-50/46;

Norfolk & Southern RR (see also Norfolk Southern RR): Caboose #363 4-44/9-12

Norfolk & Western RR: Lynchburg RR facilities aerial pix 9-42/32, 46; Y-6 mallet 8-43/24; W.Va. coal handling 4-45/23-31; Class A, J, & Y locos 4-47/14-18; Coal business 180,000 tons per day 11-47/13-23; "Powhattan Arrow" train 2-50/14-17; New 5 mile line and tunnel eliminates 76 miles electrified 9-50/6-7; #457 on long frt. 3-52/43; Abingdon mix tr. 10-52/52-55; Locos 1-53/57-59;RPO car #96 11-53/6; Steam locos 11-54/18-30; #72 4-6-0 6-57/38 pix; Abingdon Br. 7-57/31-43; Shay #56 used as pusher 7-57/62; After dark train pix 11-57/30-43 ; "Jawn Henry" steam turbine loco. demise 3-55/632 & 5-58/60; Dieselizes 9-58/5 & 9-59/27-33; Wreck of #1204 blocking highway #52 near Williamson, WV Between 9-59/34 and 10-60; Hopper car #30000 85 ton with roller bearings and #41999 70 ton with friction brgs 11-60/9

Norfolk Southern RR (First) See also Norfolk & Southern RR): 4-42/30-31; mix train 11-47/40; 1-51/18-23; box car #25212 2-60/8;

North Pacific Coast RR: Cab in front and other locos.2-56/41-43 ;Caboose 4-44/9-12

Northern Alberta Ry: At Busby water tank & #53 and 2 car train 7-54/34-35

Northern Central RR: Lincoln at Hanover Jct pix 1863 11-53/50-56

Northern Pacific Ry: Wallace, Id. branch 2-41/7-11; ore car #79619; 4-8-4s 4-48/28-29; Frt. at Thompson Falls, Mt 5-41/19; Marent trestle 10-4/46; #2670s 6-43/25; Traffic on mainline 2-46/10-27; Missoula to Darby, Mt. branch 1-47/40-45; Taylors Falls Br. train in 1890s 12-48/34-35; Locos 7-49/47-53; "North Coast Ltd." 12-52/48-53; RR at Livingston, Mt 9-54/27-34; #14 4-8-0 9-54/54; Duluth-Stapleton Br. 3-55/56-57; Wallace Id. branch 9-55/55-59; #1356s 4-6-0 over the years 8-56/14-17; N.D. head-on collision 9-56/21-23; Switcher #99 ex NYO&W 12-57/9; S. Tacoma shop loco. #6 3-58/51; Stock car #84000 5-58/8; #2626 ex Timken #1111 4-8-4 11-58/16-20; Wallace Br. S curve trestle 12-58/35; Pass. service 12-59/32-40;

Northwestern Pacific RR: Log train at Outlet Creek 1-46/27; Sausalito sta. 1915 with Willits Special 8-43/26-27; Tunnel under cemetery 5-46/46; 6-46/6-25; Frt. & Pass. tr. 5-48/20-29; Operation 8-57/48-49;

Norwood & St. Lawrence RR: Eng. term. 8-57/54-55;

Oahu Ry & Land Co: 7-44/36-39;3-47/26-37; Loco. #19 1-53/36;

Ocean Shore Ry: 9-47/61-62;

Ohio River & Western RR: 4-40/24-26

Old Colony RR: Old locos "Randolph" and "Bay State" 6-44/31; #11 4-4-0 2-45/34;

Oneida & Western RR: 5-49/38; 1-56/14-15;

Ontario Northland Ry: 8-49/24-27; #1100 1-51?/50; Train at Chemaines, Ont 7-52/47; Described 1-60/28-37;

Oregon & Northeastern RR: #1400 on frt pix 9-57/37

Oregon Ry & Nav. Co. locos #45 & 83 6-43/40-41

Osage Ry: 5-54/60

Outer Harbor Terminal Ry: #2 8-48/54;

Pacific Coast RR: Frt 1-52/8;

Pacific Coast Terminals: #4012 0-6-0 11-54/59;

Pacific Great Eastern Ry: 12-44/6-17; #160 2-6-2 2-46/47; Carrying cars to Shilalth, BC 11-47/53; 60' box car #37007 1-48/64; Line at Hollyburn, BC 1-48/50; To Alaska 11-50/22-28; RDC pass. train 2-58/24-26; Described 6-60/28-36 & 7-60/40-45;

Peabody Short Line RR (Il): 2-60/29-33

Pennsylvania RR: Buys D.T.&I.RR 12-48/4; Chesapeake Bay car float and service 8-50/14-17; Box car #123456 2-51/56; 250 ton flat car #470245 2-53/9; Train photos of 1890hp-1910 2-53/52-55; It's big but is it coming back? 12-54/16-21; Pres. Symes analyzes the RR now and for the future 7-55/14-20; P70 coach #8055 1-60/18; Piggy back train performance, TT1, 7-60/48-49; NYC merger 1-58/24-26; Pass. service losses 10-56/6, 10;

East of Harrisburg: N.Y. Div. trains and operations 1-42/8-25; Bel Del branch 3-42/26-27;4-8-2 3-43/4-5; Broad St. 1923 fire 11-43/26-29; W. Phila. engine terminal pix 12-43/22-23; Baltimore to Harrisburg 8-44/38-41; Phila and Columbia route 2-45/23-28; Altoona shops 1-46/20-26; Centennial & NY-Pitts. route 4-46/10-49; Bowie race track train 8-46/42-45;Delmarva Peninsular operations 5-47/14-23; Pass., car ferry "Elisha Lee" on Cape Charles to Norfolk run 4-53/47; express motors at Union Sta. 1-48/38; Track relocation for Conewago Dam, Avonmore to Blauville, Pa. 5-47/32-34; Train action at Elizabeth 5-49/46-49; Summer train and dummy loco. Stone Harbor to Ocean City 7-51/52; Zoo Tower, Phila. 3-52/24-25; RR race with airplane on Washington news to N.Y. City 10-52/18, 22; Army-Navy Game special trains 1-53/16-18; Runaway into Wash. Union Sta. 8-53/18-23; Martin Creek wreck in 1911 8-55/60; Snow storm disaster in NJ & Pa 7-58/36-39; Broad St., Phila. memories 4-55/14-15;

Harrisburg to Pittsburgh Horseshoe curve train activities 3-41/28-35; McVeytown, Pa. sta. 3-42/17;Lewisburg branch 6-43/32-33; Harrisburg activities 2-45/16-22; Kiskiminetas Jct. 5-47/27-31; Altoona night train action 4-48/10-13; Harrisburg operation 12-49/11-13; Gallitzen tunnels 5-52/28-29; Johnstown flood 3-53/27-30; Enola yard 9-53/22-27; Steam loco. placed back on Conemaught Div. 9-55/42-44; Steam power on Renovo line 1-57/47-51; Pittsburgh changes 7-56/45-49; Altoona to Pittsburgh operation 4-57/16-30; 2-10-0 on ore train 11-57/24-28; Falls Creek Jct., Pa. 1-48/39-41;

West of Pittsburgh: Water tank serving 2 RRs near Cinc. crossing 3-56/64;

Locomotives: S-2 turbine #6200 1-45/14-15; S-2 drive gears 6-45/26-29; GG-1 cab ride 10-47/16-20; #5500 T-1 valve gear 1-49/51; Unorthodox locos 10-49/14-19; #8063 renumbered 7002 10-49/54; #14379 rubber tire storage battery switcher used at Paulens Hook, Jersey City 11-50/58; T-1 locos 7-51/28-29; 0-6-0 electric loco built 1926 2-52/35; New el. locos 2-54/15-21; D16 4-4-0 8-54/22-26;S-2 tested 6-47/14-18; K-4 loco study 8-56/44-58; DD-1 el. loco 10-56/28-39; #5371 modified K4 10-56/54; K5 4-6-2 9-57/52-55; El. locos ex Great Northern Ry 10-57/8 & 6-58/45-49; Non articulated 4 cyl. locos 11-59/16-25;#89240 switchmobile at Jersey City 12-60/9; Converting to diesels 3-47/4; Riding the T-1 on the "Juniata" 7-43/32-39; #321 4-4-0 10-58/32

Pass. service: *Penna. Special"* 85 seconds for 3 miles 4-25/23-27; Paoli local pass. tr. 2-47/14-17; Local Paoli . 1908 6-47/61-62; *Southland* Fl. train 10-47/27-34; *Jeffersonian r*recreation car 12-47/67; N.Y.-Philla. clockers 1-48/14-17; *Jeffersonian* recreation car usage 6-48/6; *Broadway Ltd* 12-48/26-30;*Penna Special*l of 1902 3-52/52-55; New *Congressional Ltds* 6-52/50-54; 12' high "Keystone" tubular train 10-56/25-27;

Pennsylvania Reading Sea Shore Lines: Doublehead frt. 1-41/39;8-41/20-27; Pass. business 6-48/22-27; Wood M.U. cars 3-49/5; Diesel ran out of fuel 6-54/59; Pass. service 4-52/44-48;

Peoria & Eastern RR: Ames tower 2-52/33; 2-53/24-28;

Pere Marquette: Fast night frt. Detroit to Chicago 8-41/36-41; #1222 2-8-4 8-43/24; Described 8-45/8-21; Car ferries 8-49/46-49 & 9-42/14-20; railvan service 8-59/9; Parlor car #1008; 1-60/21;

Philadelphia & Erie RR: RR construction c.1865 near Kane 9-43/7;

Philadelphia & Reading: #100 4-4-2 & #99 2-4-4 8-44/36

Pine River & Stevens Point RR: pix 2-55/32-33;

Pittsburgh & Lake Erie RR: 4 RPO cars to QNS&L 5-57/5-6; #9402 4-56/9

Pittsburgh & Shawmut RR: #216 1-48/41; 2-55/16-22;

Pittsburgh & Susquehanna RR: Stages head-on collision 12-59/59

Pittsburgh & West Virginia RR: 11-56/13-22

Pittsburgh County RR: Frt. train 6-47/7

Pittsburgh Fort Wayne & Chicago RR: #7213 4-4-2 10-58/32

Pittsburgh Shawmut & Northern RR: Doubleheaded frt. 7-48/30

Port Isabella & Rio Grande Valley RR 8-41/32-35

Potomac Fredericksburg & Piedmont RR: 6-50/33

Preston RR: 3-58/28-30;

Quebec North Shore & Laborador Ry: 11-60/34-49; 4 RPO cars from P&LE 5-57/5-6

Quebec Ry Lt & Pr. Co 9-52/54-57;

Quincy RR: 3-54/16-20;

Quincy & Torch Lake RR: 1-60/40-41

Rahway Valley RR: 10-50/36-40;

Rapid City Black Hills & Western RR: to abandon 12-47/45-47;

Raritan River RR: Frt. train 7-41/2 1-44/38-43; diesels 1-55/8

Reader RR: #104 & caboose 2-59/37

Reading RR: Loco. growth 9-41/20-25; South Bethlehem stas 3-45/42; General description 8-47/14-27; #1351 on frt Rockland, Del. branch 10-47/35; Phila. term. & trains 1-48/14-17; #356 at Lebanon c. 1895 2-48/34-35;

Phila to Jersey City pass., trains 4-49/46-47;#507 4-2-2 11-49/54; Grenobe sta. & Montessorie School sta. 7-56/60; #1187 0-4-0 5-59/52; 4-8-4s #2100s 12-60/16-25; RRs of Bethlehem, Pa. 9-43/26-33; Camelback locos 2-41/16-19;
Red River & Gulf RR: 11-46/56-57
Richmond Fredericksburg & Potomac RR: 11-41/32-37; Potomac Yd 11-41/22-25; 20804 6-43/24; Wartime train service 11-46/32-41;
Rio Grande Southern RR: 2-42/8-25; photo 12-45/22-23; Fan trip 3-48/40-47; #74 1-50/42-43; Abandoned 6-52/14-15; At Lizard Head in 1895 2-59/16-17 pix;
Rockport RR (Me) 5-42/47-48
Rockport Langdon & Northern RR: 6-43/35-36;
Rocton & Rion RR: Frt. Ry/#19 1-57/32;
Rogue River Valley RR: 6-41/47
Roscoe Snyder & Pacific RR: #60 0-60/9'
Rutland RR: Train service 3-46/28-35; 4-50/12-15; Rail yard in 1874 & 80 years later 9-57/38-39; Train at North Hoosic, NY bridge 7-58/34-35;
Saint Johnsbury & Lamoille County RR: 5-47/50-59; Covered bridge & diesel loco. 8-51/29;11-52/22-25; caboose 4-44/9-12; Mix train pix 9-56/31-32;
Saint Louis Kansas City Short Line RR Proposal 1934-35 3-45/30-31
Saint Louis San Francisco RR: Train at Southwest Jct near SaintLouis 12-43/36-39; Gasconode track relocation 4-45/16-19; Tulsa to Okla. City service 1-48/7-9; "Firefly" tr. at Sapulpa 8-47/11-12; Former Current River RR branch 2-54/54-57; Caboose #204 6-59/11;
Saint Louis Southwestern RR: 4-8-4s 4-43/4; Fast frt. E. Saint L. to Texas 11-49/44-49; steam pixs 3-56/55-59;
Saint Marys RR: 7-52/39
Saint Paul & Pacific RR: 8-43/34-40; Preserved cars 4-55/8; Wm. Crooks" loco. on display at Saint Paul 11-57/16-18
Saint Paul Union Depot Co: & Harry Congden, V.P. 2-54/27-30
San Antonio & Aransas Pass RR: Private car "Fern Ridge" 7-59/45
San Diego & Arizona Eastern RR: Carriso Gorge 7-45/4-5; In southern Cal 9-48/18-24; pass. train 6-51/38-39;
San Luis Central RR: 6-56/8-9 pix
Sand Springs RR: 7-55/48-52
Sandersville RR: steam and diesel 3-54/9
Sandy River & Rangeley Lakes RR: Memories 8-46/10-16
Savannah Atlanta RR: 10-46/58
Seaboard Air Line Ry: 52 Shriner Specials June 1952 in and out of Miami 1-53/54-59; Described 2-49/16-25; Discontinues Orange Blossum Special 3-54/62; ICC to order train slow down due to signaling 11-50/44
Sheboygen & Fond du Lac wood fuel ticket 9-43/30-31;
Sierra RR: Groucho Marx movie 5-41/44-45;4-48/38; #34 10-50/30-31; Movie land 7-51/189-19;
Silverton RR: Train scene w.#100 6-47/36-37
Silverton Northern RR: 11-42/9-13
Skaneateles RR: Pass. train 5-49/39
Smokey Mountain RR: 12-49/28-30; Mix train 11-47/38
South Pacific Coast Ry: Santa Cruz line 7-48/46-51
South Pennsylvania RR: 12-46/54-60
Southern Ry: "Carolina Special" & Columbia, SC to Ashville line 12-42/16-17; Scraps historic exhibit for war effort (a real mistake) 4-43/7; Natural Tunnel 1-44/34-36; Train operation 4-44/24-41; #3859 4-4-0 1-45/22-23; Blue Ridge Mtns Old Fort to Ridgecrest 8-45/22-26; 4-4-0 pass. train near Selma 2-46/39; Knoxville sta. with train 2-46/38; Crescent pass. train 9-46/10-18; Reestablishes Harrisonburg to Manassas train 8-48/32; Saluda Grade & Ashville 9-48/48-51; Safety runaways on Saluda grade 4-49/39; Diesel; operation 12-49/14-23; #1509 0-4-4 Forney preserved 7-50/50; Ps4 4-6-2 10-50/20-26; Rat Hole div. CNO&TP to Cincin. 7-51/12-17; Birmingham classification yard 6-53/50-53; Memories of engineer on Danville Div. 1910-20(when engineers made up time) 7-54/16-22; Saluda grade with steam locos 4-55/49-55; #4776 2-8--2+2-8-0 & #5046 1-10-2+ 2-6-2 11-57/22; #1393 painted for Crescent Ltd. 12-58/50-51 pix. Atlanta Terminal 8-59/18-21; Steam photos 11-59/40-51; Wreck of '97 9-60/50-51;
Southern Pacific RR: (See also South Pacific Coast Ry) Various lines 3-45/8-25; Oliver Millet retired employee has parlor car #2946 named for him, only car named for an individual 5-48/58; Santa Margarita Hill photos of train 6-54/31-40; Piggy back operation 9-56/16-20; Yard caboose #900 9-56/56; Flanger MW 7319 12-57/34-36; Suburban coach interior 1-58/16-17; Russia's N. Krushev private train 1-60/34-39; Ore car #345199 4-60/9; Caboose #136 4-44/9-12; Piggy back trains CME 7-60/54-57
Locomotives: Cab in front 4-41/40-45; #1010 2-4-2 12-42/2; Class P-13 4-6-2 4-43/5; 4-8-2 $4300s 5-44/26-27; #4400 on pass. train 11-44/6-13; #9527 0-6-0 rbt. to 0-6-0T 7-49/54;
T&NO Arz to La) line: "Sunbeam" Dallas to Houston 60 mph train 12-44/38-41; New line for Houston to Rio Grande Valley 5-45/24-27; "Sunset Ltd." 2-48/38-42; "Sunbeam" Dallas to Houston 1-50/36-40; "Sunset Ltd". at El Paso 5-52/66-67; Houston hump yard 4-56/57-59; Yuma Div./ L.A. to Yuma 2-57/38-51; Flood at Ennis, Tx in 1957 2-58/40-46;Aband. Cloudcroft Br. 2-48/44-45; Frt. w/ #2511 on Cloudcroft Br pix 10-60/48-49.; San Antonio steam pixs 8-54/35-39;
Cascades (to Portland) line: Cascade Div. described 1-44/18-27; Portland Eugene & Eastern Ry 4-50/35 ; Dunsmuir line 12-51/36-41; Train at Shasta Spring, Ca 5-52/45; Covered bridge at Mill Creek on Molalle Br. 3-54/62 & 5-54/62;
Sierra (to Ogden) line: Line up the Sacramento River 1-46/16-19; Carquinez train ferries 8-48/36-39; Cab in fronts and Nordeen snowsheds 5-48/40-48; Sierra Mtns in winter 12-48/36-37; Fire train at Norden 11-51/20-23; "Overland Ltd." 1-52/36-42; "City of S. F." snow bound in 1952 1-53/50-56; Filling in Lucin cutoff 1-57/9; Sierra Mtn RRing 8-58/40-47;
Coast (SF-LA, southern Cal.) line: "Daylight" & "San Juan" 1-42/4-7; "Lark" train in 1939 8-42/2; Los Angeles union sta. & its 30 daily trains 5-44/4-5 ; Burbank, Cal. tower 5-45/32; Tehachapi operation 12-46/14-21; West Oakland yard 4-47/58-59; Final day of loco. engineer and his run on "San Joaquin Daylight" 10-48/44-51; Tehachapi loop photos taken at night 7-50/30-3; SP & Epes Randolph Imperial Valley flood 7-50/44-49; SF-LA "Daylight" trains 8-50/36-42; Inside Watsontown roundhouse 3-49/33; "Lark" al Pullman train 4-49/40-43; Peninsula area service 4-52/24-27; S.F. to Sacramento service 11-52/10; Tehachapi line blocked by huge earth quake 11-52/14-20; "Coast Daylight" train 5-55/51-56; Peninsula commuter train delay cards to passengers 12-58/40-41;
Narrow gauge line: Carson & Colo. 11-42/13-15, 26-27; Carson & Colo. n.g. line 3-47/14-21; Cal. Nev., n.g. lines 12-51/22-26; Carson & Colorado Keeler n.g. branch 2-55/35-41; Keelor n.g. line 9-60/52-55;
Spokane International RR: 7-49/36-37; Trestle & train pix 2-52/32; Caboose C210; 6-56/18-21;
Spokane Portland & Seattle RR: 8-44/24-28; 2-50/32-33; Described 3-60/34-41 & 4-60/26-34
State Belt RR (Cal) 2-50/18-19
Stewartstown RR: mix train 1-43/48
Stockton Terminal & Eastern RR: 2-51/28; Locos #1 & 3 1-54/10
Stone Harbor (Terminal) RR 10-46/51-55
Sumter & Choctaw RR: 3-44/36; loading logs pix 2-59/38-39
Sumpter Valley RR: 2-47/18-27
Suncook Valley RR: Pass. train with diesel 3-52/50; 2-50/6
Susquehanna & New York RR: 1-43/14-24
Sylvania Central 8-47/28-31
Tallulah Falls RR: Frt. train w/#501 2-52/49; Train on trestle 1-54/46
Tennessee & North Carolina RR: Shay on pulp wood train 8-52/45;
Tennessee Central Ry: 1-46/8-15
Terminal RR Association of St. Louis: Nation's Crossroads 7-42/30-37; Union sta. 8-43/48-49; Gateway to southwest 7-48/12-16; Caboose #581? 4-44/9-12
Texas & New Orleans RR: Mix train with #260 pix 5-54.33-35; New Orleans car ferry 3-58/51
Texas & Pacific RR: 3-50/18-27; #838 preserved & then destroyed by vandals 5-55/12Red River flood and use of steam locos. 10-57/23-24; Frt. traffic density 1-57/44-46
Texas Mexican Ry: 8-51/55
Tionesta Valley RR: Closed 2-49/5
Toledo Peoria & Western RR: Resumes service 7-47/4 & 9-47/10; green cabooses 8-49/50-51; New office bldg 3-53/10; diesels 1-55/58-59
Toronto Hamilton & Buffalo Ry: Hamilton train watching 5-48/12-15
Trans Florida Central RR: Rail car 2-53/57
Trona RR: 10-57/54-59
Troy & Boston RR "Walloomsac: loco. 10-58/32
Troy & Greenfield RR: Hoosac Tunnel 6-52/20-21;
Tuckerton RR: 12-40/40-41
Tuckaseegee & Southeastern RR: Pass. train 4-47/39
Tucson Cornelia & Gila Bend RR: 7-56/28, 30
Uintah RR: Caboose #1 4-44/9-12
Ulster & Delaware RR: Campbell Hall & Maybrook frt. 6-42/38-45
Unadilla Valley RR: 5-44/16-19
Union RR: #303 0-10-2 7-53/54-55;
Union Freight RR (Boston) Rail fan trip 10-41/34; Climax #1 10-57/25
Union Pacific RR: Fast frt. on Los Angeles Div. 4-47/42-56;Sherman Hill train 11-47/32-33; Roller bearings on stock cars 11-47/66; Idaho operations 12-47/14-19; bio. of Grenville M. Dodge & U.P. 6-48/36-47; Oakes Ames monument and Bill Murphey 10-48/52-53; Frt. train operations Pocatello to Portland 5-50/20-26; Operations at North Platte 9-50/10-13; U.P. in Oregon in 1800s 12-50/46-49; Dale Creek, Wyo trestle 12-51/30-31;West Yellowstone Br. snow plowing 5-52/20-21; Sherman Hill 6-52/16-19; Gas turbine loco. 7-53/18-24 & 12-53/7; Sherman Hill relocation 11-53/21-23; La Grande to Pendelton steam locos 12-54/41-47 Laramie reefer icing facility 12-55/24-25; 8500 hp gas turbine 3-56/19023; Trains 4-58/44-52; Walter Thrall 7-58/42-47 & 11-58/21-26; #4000s 11-58/40-51; Unique locos on U.P. - shay, camelbacks, etc 1-59/20-24; Shay #61 1-59/21;"Operations in Utah 10-60/36-39;

Passenger Trains & Service: "Challenger" pass. train 8-41/28-31; streamliners 9-42/4-9; #3967 11-45/25; Portland Rose train w/#3217 8-44/22-23; 4-12-2 1-45/38; "City of Denver" Frontier snack car 4-48/39; "City of L.A." "Little Nugget" club car 4-48/39; "City of L.A." train 7-51/20-27; Pass., tr. in 1905 w.#1848 pix 12-53/19; "Colo. Club" car 1-60/22; "City of Denver" train 7-46/30-37; Switches streamlines from CNW to Mil. 11-55/6; ICC to order train slow down due to signals 11-50/44
Union Terminal RR (Dallas) loco. #7 12-59/11
Union Transportation Co: Frt. train service 8-59/38-39 & 11-59/52;
Utah Ry: Operations 1-56/40-46
Valley RR (Pa)4-52/58
Vancouver (BC) Wharves: jackshaft diesels 10-60/7
Virginia & Truckee RR: #18 gores to Hollywood 1-41/24-27;9-45/20-25; Mix train 10-47/38; Line to Minden 1-48/20-28; in movies 1-49/40-47; Abandoned 8-50/44-45; pix. 11-56/23-25; #26 2-60/26-28;
Virginia Blue Ridge RR: Frt. 11-54/36
Virginian Ry: Buys AT&SF mallets built for N&W 8-48/12;1-50/20-26; Triplex 9-52/22-23; Locos 12-53/50-56; pass. service discontinued 8-56/18-20; electric hauled frt. 3-59/34; Triplex memories 12-59/62; Coal handling 4-45/23-31
Wabash RR: In Chicago 2-41/41-45; #700 4-6-4 rbt from 2-8-0 2-45/35; Mix train #71 11-47/41; Frt exiting Hannibal, Mo tunnel 11-48/37; Surplus 2-10-2 11-49/50-53; Operation 7-5/12-26; #573 2-6-0 on an all diesel RR 7-54/58;#573 & 576 on frt 6-55/30-32; Keokuk local frt 7-55/24-27; Train dispatching at Decatur 16-20;
Waco Beaumont Trinity & Sabine RR: #1 pix 1-57/32 & 7-58/60;
Wadley Southern RR: Frt 11-54/37
Warren & Saline River RR: #1702 7-58/32
Wasatch & Jordan Valley RR (Little Cottonwood Canyon RR) 1-52/48 continued;
Washington Terminal Co (Union Station) 12-40/12-17; pass. traffic 1-43/38-44; Closing doors on 12-23-44 2-45/7; Track layout 10-52/50-51;
West Palm Beach Terminal RR: Cuba ferry 8-54/46
West Virginia Midland RR: 10-41/36
Western Allegheny RR: Doublehead frt. 5-53/37; 2-57/24-25;
Western Maryland RR: Described 5-41/20-35; Train at Ridgely tunnel 4-47/30; 4-6-6-4 12-47/30-31; Frt. descending grade near Cumberland 4-48/34-35; Caboose 3051-3060 ex army troop sleepers 11-48/10; Pass. service Cumberland to Durbin 5-51/31-33; Pass. train 7-53/14-17; Study 3-54/31-57; Frt. near Cumberland 7-58/40-41
Western Pacific RR: Bieber extension 7-49/42-46;"Calif. Zephyr" 6-50/36-41; 3-42/28-45; Keddie engine terminal pix 3-43/31; #485 & SP 4462 sister engines 3-44/37; Bieber line 1-45/6-13; Klamath Falls bridge approved 5-45/27-28; Frt. in Feather River Canyon at highway bridge 4-48/33; "Feather River" express 5-48/36; RDC Zephyrettes 7-52/26-32; Fast frt. 8-52/54-61; Keddie wye 3-53/48-49; History 7-53/50-58 & 8-53/48-57; Car ferry "Las Plumas" 10-57/8;
Western Ry of Alabama: 6-43/8-13
Western RR of North Carolina: "Chatham" 4-4-0 6-45/37
Wheeling and Lake Erie RR: Described 6-42/37; #2301 & pass. train 10-58/39;
White Pass & Yukon Ry: 9-42/34-41 Loco. being overhauled 9-43/36; 1-51/36-43; Train at tunnel 7-52/47; diesels 2-56/36-37;
Wichita Falls & Southern RR: 11-45/22-27; Mix train pix 11-47/43;
Winifrede RR: 8-56/29-30
Winona RR: To abandon 7-52/52-55
Winston Salem Southbound RR: 3-57/25-30
Wisconsin Central RR: Locos 4-43/44-45; Locos #3 and 6 pix 2-50/51; #800 1-60/18
Wood River Branch RR 7-41/22-25
Yosemite Valley RR: 4-43/20-23
Yreka Western RR: pixs 7-50/34

ELECTRIC RAILWAYS, ELEVATEDS AND SUBWAYS

Interurban Rys: 6-51/40-44; Final years 6-49/36-37 & 10-49/48-55
Baltimore & Annapolis Ry Trains 5-41/7-8; 2-49/38; Discontinue pass. service 12-51/44-47;
Bamberger RR: Scenes 3-52/41;Train 5-52/55; Pass. train service 11-52/37; 9-42/10-11
British Columbia Electric Ry: Train 4-47/60-62
Cedar Rapids & Iowa City Ry: Interurban lines4-51/36-40; 1-56/27-37; 11-48/36
Charles City Western RR: 1-56/27-37
Chicago Aurora & Elgin RR: New cars #45 11-45/5; Future 1-52/22-26; To quit due to highway construction 6-52/12; Chicago interurbans 4-56/31-39
Chicago New York Air Line RR: 10-46/15-19, 26
Chicago North Shore & Milwaukee RR: 2-41/36, pass. & frt. operations 10-44/30-36; Strike 6-48/465-467; Frt. locos 6-48/33; Chicago interurbans 4-56/31-39; Electroliners 11-60/58-59
Chicago South Shore & South Bends RR: 8 car train 5-52/54; 5-53/20-25; El. loco #701 11-55/9; Chicago interurbans 4-56/31-39; Track relocation in Gary and Hammond 2-57/10;
Chicago Subway 5-43/37-39
Cincinnati & Lake Erie Ry: Interurban 6-51/40-44
Claremont Ry: Freight trains 11-52/36
Columbus Delaware & Marion Ry: 6-51/400-404
Columbus Ry Power & Lt. Co: 6-51/400-404
Columbus Urbana & Western Ry: 6-51/400-404
Conestoga Traction Co.: interurban train 7-50/35
Denver Tramways photo 3-51/35
El Paso & Juarez: Horse car #1 restored 8-53/60
Fort Dodge Des Moines & Southern Ry: Boose viaduct 10-53/49
Georgia Power Co: Car #479 4-52/44
Grand River Ry: Interurban 3-49/39; pass. train 5-50/35
Hudson & Manhattan RR: 10-58/9;
Illinois Terminal Ry: Frt. train at Bloomington 4-47/31; 9 Described -41/36-47; New streamliners 1-49/34-35;9-50/36-41; New trains at East Peoria 5-52/55; #1593 & frt. 5-54/37; 2-55/7; 4-55/56-57; Final years electrical op. 9-55/31-41; Last Peoria pass. tr. 10-55/64; Diesel operation 6-60/50-51
Indiana Columbus & Erie Ry: 6-51/400-404
Indiana Rys: Abandon 4-42/18-24
Jamestown Westfield & Northwestern Ry: 1-4/1?/33 ; Interurban car 10-47/41; Final pass. service 1-48/63
Key System: 2-43/35-37; 12-43/18-19; 4-48/40; train at Berkley 3-53/42; In Oakland 7-55/33;
Lackawanna & Wyoming Valley RR: Rocky Glen sta. 11-45/40; Viaduct & frt. pixs 3-32/40
Lehigh Valley Transit Co: Pixs 12-47/38; Liberty Bell is abandoned 1-51/44-48
London & Port Stanley RR: Frt. train 5-50/35; Troubles 5-53/58; Ttrain 7-53/40; 3 car train 11-56/39; 10-57/40-41;
Los Angeles Angel's Flight Ry 11-42/44-45;
Los Angeles Court Flight Ry scrapped 3-43/42
Milwaukee Electric Ry: "Mendota" parlor car 7-53/40
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Passenger Trains: Postwar trains 9-45/8-17; dining car service 9-51./36-43; nurses on trains 1-55/25-27; Low center of gravity trains (See also CARS, PASSENER) 5-56//14-20; Light weight trains 5-56/40-50 & their future 5-58/51; Streamline trains in 1958 6-58/16-27; No pass. trains by 1970 says Interstate Commerce Comm. 12-58/42-44; Train deficits - the reason for and correction as seen by D. P. Morgan (I don't agree on some.) 4-59/14-51; Pass. train personalities 11-44/16-22; Riding a Pullman 4-55/27-30. Pass. trains after WW II must run much faster 9-44/8-16. Train trip across continent early in the war 10-42/34
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WAR-TIME RAILROAD OPERATIONS
See MILITARY

NON RAILROAD PERIODICALS

AMERICAN ARTISAN 1864 - 1875

This magazine carried several subtitles. Initially it presented recent patent inventions, a few being railroad. It began in May 1864 which ran a year as volume #1. Then they changed to a six month volume and began with Vol. 1 new series. It was a weekly until V.18 when it became a monthly in January 1874. It discontinued with the December 1875 issue.

Most of the material indexed have illustrations. Some of this material appeared in other magazines which I indexed. I was not at a location having Vol. 17, 2nd half 1873 and so this were not done.

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Hudson River RR (No pix) Steam dummies V2 11-8-65/4 & 4-11-66/354; Albany Hudson River bridge pix V.16 5-24-73/321;
Illinois & Saint Louis Bridge Co.: V.18 4-74/103-104
Jersey City and Bergen Point Ry: Skillman's steam rail car V3 6-27-66/115-116
New York City: Elevated cable car Rys. V.5 11-27-67 & V.9 9-8-69/145-146; Bleeker St. car line tests Baxter steam street car 12-7-72/265, 271; Elevated street Ry, Evans design V.16 6-14-73/369-370;
New York Elevated RR: Improvements showing loco. "Pioneer" & 2 car train V.19 10-75/258;
Pittsburgh Cincinnati Chicago & St. Louis: Cincinnati and Newport bridge V18 4-74/104-105
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Heater, Filler's car heater V.19 9-75/229;
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Rhode Island Loco. Wks described V.5 7-10-67/12-13;
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Elevated street Ry: Evan's design V.16 6-14-73/369-370;

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Tubular formed rail of Sanborn's design V.14 5-22-72/321-322;

AMERICAN MACHINIST 1872 - 1900

The magazine largely dealt with machining, its tools and recent designs of items. The magazine is on microfilm and available at major universities. During the 1880s it had an increasing amount of railroad material. In 1888 a separate publication, *Locomotive Engineer*, was instituted and edited by Angus Sinclair so that the *American Machinist* carried much less material. By 1900 it carried little, and after 1900 I did not index it. I indexed the magazine from the index for volume, and indexed only those articles indicated as being illustrated. Non illustrated articles in the index are mostly short, current news items. I indexed very few short items.

Like almost all other magazines of the 1800s, it was oversize by today's standards so that most articles were only a single page. For the earlier issues, when each issue began with page 1, I show date of issue / page numbers. Later, page numbers were cumulative for each year, and I show only the year / page number.

U.S. AND CANADIAN RAILROADS INCLUDING ELEVATED RAILROADS
Boston, Revere Beach & Lynn: Loco. valve gear, 11-19-91/2
Brooklyn Elevated RR; Forney drawings, 0-4-4-, 2-28-85/1-2
Central Pacific RR: El Gobernador cylinder indicator drawings, 1-10-085/15
Central RR of New Jersey: #169, 4-4-0, fastest loco. to date, 1-7-82/1-3
Delaware, Lackawanna & Western RR: Moving a prefabricated bridge on frt. car trucks 95 miles, 9-13-84/2
Elmira Cortland & Northern RR: 4-6-0 with unique pony truck, 2-14-85/13
Manhattan Elevated: #400, compressed air loco., 1897/340-341
Morgan's Louisiana and Texas RR: 4-4-0 drawings, 1-10-85/4
New York Central: Drawings #451, 4-4-0, 10-9-86/1
New York West Shore & Buffalo RR: Std. 4-4-0 drwg, 12-8-83/1-2
Philadelphia & Reading Ry: #385, 4-2-2, 1895/664-665

FOREIGN COUNTRIES
France: "Freak" locomotive "Estrade", 8-14-86/5
Eastern Ry of France: 4-4-0, 1895
French State Ry: 2-4-2, 1895/622
Paris Lyons & Mediterranean Ry: 4-4-0, 1895/622
Great Britain:
Great Eastern Ry: 2-4-0 drwg, 1895/622-
Great Northern Ry: 4-2-2 drwg, 12-22-92/5; 4-2-2 drwg, 1895/622
Lancashire & Yorkshire Ry: 4-2-2 and 4-4-0, 1895/622
London & North Western Ry: Webb 2-4-0 compound loco., 10-6-83/4
London Brighton & South Coast Ry:
North Eastern Ry #1517, 4-2-2 drwg, 12-22-92/5; 4-4-0, 1895/622
Ireland: Listowel & Ballybunian Ry monorail, 1898/727-728

LOCOMOTIVES:
Compound: Ball's 4 cyl., 2-9-93/9; Webb's compound, 8-5-82/4 & 10-6-83/4
Compressed air: Manhattan Elevated Ry #400, 1897/340-341; Pneumatic Tramway Engine Co., 12-10-8/2-3; Rix Eng'g & Supply Co. 18" gauge mine loco., 1-19-99/41
Logging: Adams & Price chain driven 0-4-0 "Hercules," 4-12-84/5; E. P. Cowles geared loco., 4-30-91/2

LOCOMOTIVE BUILDERS AND INVENTORS
Adams & Price (Nashville, Tn) pole road locomotive, "Hercules" for Cole (?)
Ball's 4 cyl. balanced compound loco., 2-9-93/9-10
Cowles, E.P., (New Decatur, Ala.): Flexible geared loco., 4-30-91/2
Dickson Loco. Wks: Standard design 2-6-4T, 2-6-0, and 2-8-0 drawings.
Pneumatic Tramway Engine Co.: Compressed air loco., 12-10-81/2-3
Rix, Eng'g & Supply Co. compressed air loco for Empire Mines, Grass Valley, Cal., 18" gauge, 1-19-1899/41
Schenectady Loco. Wks std, 2-6-0 drwg, 9-20-84/2
Shaw 4 cyl., 4-4-0, 6-18-81/1-2
Webb Compound Loco., 8-5-82/4, 10-6-83/4

LOCOMOTIVE COMPONENTS
Modern Locomotive Construction. Most issues from late June 1885 thru the year and into 1886 carried an illustrated article on some design aspects of locomotives such as smoke stack, valves, cylinders, etc. This type of locomotive description was initiated by Matthias Forney with his Catechism of 1876.
Sellers injector or 1876, 4-18-77/3-4
Simmons improved boiler, 4-7-83/2

RAILROADS
Mono rails: Listowel & Ballybunian Ry, Ireland, 1898/727-728

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East Cleveland RR Co. horse car #60 illustration, 12-27-79/10
North Hudson County Cable RR (N.J.): Switching device to go from one cable to another, 6-19-86/6

MISCELLANEOUS:
Cushing snow plow, 1-19-84/2

ATLANTIC MONTHLY 1858 - 1921

This magazine carried discussion type articles somewhat similar to McCalls, Harpers, etc. It presented articles on literature, arts, politics and later science. Very few individual railroads had articles devoted to them. From 1858 until 1869 it had only one railroad article and had none from 1877 thru 1886 and 1899 thru 1903. I checked for railroad material until 1922, V128, discontinuing it at that time because the last article I had found was 1913. The magazine is now on microfilm and is available at many universities and large public libraries. For issues prior to 1908 I list month and year and page numbers. From 1908 on I list volume number and year and usually only the first page numbers. One year comprised two volumes and each volume began with page 1.

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Baltimore & Ohio RR: 1877 strike V. 74 10-94/534
Boston & Albany RR: RR despotism 3-73/381-384;Accident 1874 11-75/571-582
Boston & Providence RR: Accident Foxbridge (?) 1872 11-75/571-582;
Central Pacific RR: Our Pacific RRs 12-67/704-715; Pacific RR is opened - how to go & what to see 4-69/493-502 & 5-69/617-625 & 6-69/753-762;
Eastern RR: Disaster at Revere, Mass in Aug. . 1871, 1-76/92-103
Erie RR: Otisville accident 12-75/736-747
Great Western RR (Canada): Accident 1857 12-75/736-747
Hudson River RR: Accident at New Hamberg 1871 12-75/736-747
New York & New Haven RR: My fight with the railroads as a passenger 12-72/641-653; Accident at Norwalk 1853 12-75/736-747
Union Pacific RR: Our Pacific RRs 12-67/704-715; Pacific RR is opened - how to go & what to see 4-69/493-502 & 5-69/617-625 & 6-69/753-762;
Vermont & Massachusetts RR: Athol accident 1870 12-75/736-747

ACCIDENTS AND SAFETY
Disaster at Revere, Mass (Eastern RR) in Aug. 1871, 1-76/92-103
The appalling accident death rate 2-76/207-219
Accidents - the need for a commission V112 1913/12-19
Accidents of several railroads 11-75/571-582 & 12-75/756-747;
Ry accidents, passenger deaths, etc. 5-07/577-599

COMPETITION
Sherman Anti Trust Act forces competition V.102 1908/366-377
Waterways and Rys V105 1910/433
Trolley competition 6-04/730-736

GOVERNMENT REGULATION
RR problems of immediate future and the I.C.C. Vol. 67 3-71/386-393
Government ownership of the RRS in Gt. Britain, Belgium, France & Germany 3-76/360-371; in the U.S. 6-76/691-? & 7-76/72-85
Need for Interstate Commerce Commission and state regulations 7-87/76-84
Decade of RR regulation by I.C.C. Vol. 81 4-98/433-443
RR development in the U.S. - rates, finances, regulation 8-07/156-167
Sherman Anti Trust Act V.102 1908/366-377
Federal RR regulation V105 1910/414
Drift toward govt. ownership V110 1912/747
Valuation of the Rys V113 1914/405

PERSONNEL
RR labor wars - B&O RR 1877 strike and Pullman 1894 strike. American RR Union Vol. 74 10-94/534
Signalman, Confessions of (A generalized article on their job and accidents, etc. V.101 1908/80, 225, 497, 684, 805 & V.102 1908/109
Labor and Rys V103 1909/145-163
Education and railroads V103 1909/326
Brotherhood union's attitude toward efficiencies V104 1909/289-301
Management attitude toward authority and efficiencies V104 1909 302-314

PUBLIC RELATIONS
RRs and publicity V103 1909/617
Relation of RRs with the public - unsatisfactory V107 1911/12-23

RAILROAD SERVICE
My fight with the railroads as a passenger 12-72/641-653
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Night in a box car - an amusing account of advantages of box car riding versus Pullman or coach 10-04/497-505
RRs and efficiencies of service V103 1909,543-552

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RR securities as an investment 4-06/532-541
RR development in the U.S. - rates, finances, regulation 8-07/156-167
Express companies 7-05/1-8
British Rys, a view by an American 7-06/65-73
Railway engineering in the U.S.: Vol. 1, 11-1858/641-655
Woman's trip New York to Omaha and beyond by railroad 9-69/327-335

CASSIER'S MAGAZINE 1891 - 1913

This monthly magazine was a general interest, well illustrated publication which specialized in material subjects rather than people. Originally published in England it moved to the U.S. in 1897. It always had considerable foreign material. As with many other non railroad magazines of the period, it had railroad articles written in a general rather than technical manner. As such many of the articles have their subjects better covered in trade journals. It was 6 1/2" x 9." A year comprised two volumes Nov. to April & May to Oct. In 1913 volumes 43 and 44 each comprised only a single issue and then it discontinued publication.

STEAM RAILROADS
Baltimore & Ohio: El. loco #1 8-99/480
Boston & Maine RR: concord shop 1-99/232
Burlington & Missouri River RR: Havelock, Neb. shop 1-99/225
Bush Terminal Co: Electric loco pix 1-11/279
Chicago & North Western RR: West Chicago shop 1-99/2257-
Chicago Burlington & Quincy RR: West Burlington shop 1-99/228, 234-235
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Duluth South Shore & Atlantic Ry: Ferry boat "St. Ignace" 8-94/285
Manitou & Pikes Peak RR: Described 6-94/99-113
Michigan Central RR: Detroit River tunnel 1-08/337-349 & 12-10/150-159
Mount Lowe Incline Ry (Los Angeles): Described 4-94/449-459
New York West Shore & Buffalo RR: Frankfort, N.Y. shop 1-99/233
Norfolk & Western RR: Roanoke shops 1-99/231
Pennsylvania RR: Ferry boat "Cincinnati" 8-94/281; Juniata shops 1-99/227; Altoona shop 1-99/230; New York tunnels 3-10/544-560;
Pere Marquette: Car ferry "Pere Marquette" 4-98/522-524
Southern Ry: Asheville, N.C. coal dock 3-10/621
White Pass & Yukon Ry construction 1-04/264-274

ELECTRIC RAILWAYS
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British Columbia Ry: El. loco #912 3-10/431
Cincinnati Hamilton & Dayton Traction Co: Steam rail car 8-98/363
Hudson & Manhattan RR and Pa. RR tunnels 3-10/544-560
Metropolitan St. Ry (N.Y. City) Conduit Ry 8-99/257-282
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Binghamton? St. Ry open car 8-99/414
Bloomington & Normal Ry Car #53 8-99/422
Brooklyn City RR Car #$787 8-99/412
Buffalo & Niagara Falls Ry: Car #30 8-99/406
Detroit Ypsilanti St. Ry Car #5342 8-99/415
Metropolitan St. Ry: Car #532 8-99/415
Newtown Langhorne & Bristol Traction St. Ry ((Pa): 8-99/409
North Jersey Tr. Co Car #629 8-99/419
Saint Louis & Belleville El. Ry Car #4 8-99/422
Saint Louis Belleville & Suburban Ry: Car "New York" 8-99/421
Washington City Ry car #25 8-99/414
West Roxbury & Roslindale St. Ry: Car pix 8-99/410-411
Multiple unit electric trains of F. J. Sprague 8-99/439-460
Electrification of steam RRs 3-12/222-234
Storage batteries and electric Rys 8-99/507-517
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PRIVATE & INDUSTRIAL RAILROADS
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Bridal Veil Lbr. Co (Ore.) : Ry. without cars 4-97/508-509
Caswell Creek Coal & Coke Co. Loco. "Schley" 7-04/303
Frick Co., H.C.: #41 compressed air loco 8-04/365
Homestake Mining Co. #10? compressed air loco 8-04/367
Lehigh Coal & Nav. Co loco. #70, 783 7-04/302, 303
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COMMERCIAL AND FINANCIAL CHRONICLE 1865 - 1909

These books are very useful to a person interested in the corporate matters and history of a railroad, car builder, or equipment maker, and all non railroad manufacturers such as General Electric. They are the second best thing to being able to see the annual report of the different companies. However, there is no operating department material. The periodical is still published.

The weekly magazine began the second half of 1865 and each volume was half a year. Therefore the odd number volumes are July - Dec. of the year and even number volumes Jan. - June of the following year.

These books can be found in major city and large university libraries. They have not been microfilmed. Its early beginnings preclude many universities and city libraries west of the East Coast from having full sets. Except for early years they are not suitable for interlibrary loan because of being extremely bulky.

For many years this was the only financial publication being printed. The articles are short, varying from about 1/4 page to two pages without illustrations.

The magazine comprises three parts. At the front are several pages of editorial articles on major companies or happenings such as annual report comments, merger information, and "embarrassments" (the name used to indicate a company went bankrupt), labor strife, court decisions, government regulation, rates, pools, and other corporate and financial matters..

The second section presented brief resumes of corporate annual reports and financial and corporate news items that in a period of a year covered hundreds and hundreds of railroads, makers of cars and locomotives, signals, air brakes, etc. and other non railroad companies. I indexed these by page number. All references after News are such items and most other page references are also them. (There were hundreds of them in each volume.) The page numbers were indistinct many times, and so if my number is wrong, check the index of your volume. You may be able to read a different number. Gradually more and more of the items were merely quarterly financial reports. However, buried in with all the inconsequential reports are worthwhile material. It is suggested that researchers look at the indexes of the individual volumes for the years after 1909. By 1920 most News: items dealt with financial reports, often quarterly which were better covered in *Poors Manuals.*

The third section was detailed listings of prices of stock and bonds, etc.

These volumes have more information than Poors Manual. For annual reports, besides the numerical figures, the comments of the president may give a summary of what happened during the year such as the effect of a track extension opening, a recession, new competition, etc.

Persons doing research on a company that had financial problems (and most did for various reasons) will find these volumes helpful. (When the Barney and Smith Car Co. was going into and in bankruptcy, there were 22 separate news items giving a frequent resume of what was happening.)

For the most part (I wasn't entirely consistent.) I indexed articles that were not a synopsis of an annual report. Articles I indexed as *Report* are usually a combination of an annual financial statement plus editorial comment. In the late 1890s editorial articles on specific railroads diminished. By 1900 were only a few a year that were not concerned with the annual report commentary. It continued to decrease, and after 1904 I discontinued the indexing but continued news items through 1909 and maps until 1920..

Although previously there had been some electric railway news items, in 1895 they began carrying a large quantity .

The magazine issued regular supplements on steam and later electric railroads. These issues had excellent full page maps (larger and clearer than those in the *Official Guides*) of both steam and electric railroads. Electric railway maps were excellent. Evidently the companies paid for this. Some railroads had their maps appear for years, being revised as needed; others appeared only two or three times. I have indexed the first one that I noticed. There may be earlier years and, of course, subsequent years which carried it. Also I may have missed some because I only searched for maps in every third or fourth supplement. The supplements carried many maps until the late teens. From then on there was a rapid decline.

The electric railway supplements continued until the mid 1920s. They came out quarterly and were 60 to 100 pages. They carried a tremendous amount of news items on these railways, both money reporting and other aspects of the company. I did not index them, but anyone interested in a specific company should see also the supplements. It might take a researcher a half day to check all the issues for the railway being researched.

Certain numbers were difficult to sometimes read. A 4 would look like a 1, a 6 like an 8, and so page numbers can be wrong.

I did not index annual reports after 1879. These gave only income and expense summary. *Poors Manuals* by 1880 did an adequate job, and those books are readily available.

For this index I show volume number, week of issue / page number. For issues prior to Vol. 26 I show only the volume number, year/page number For maps and a few articles indexed from the supplements, I give volume number, date and an S followed by / page number. Where there were five or more listings for a volume, I say "many". This means you must check the index of the volume for page numbers.

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Ecuador: Guayaquill & Quito Ry:V71 1900/135; V88 1909/564, 624, 1499; V89 1909/847, 1483;
Egypt: RRs in V5 1867/90;
Great Britain: Fears of invasion if Channel tunnel constructed, V34 2-18-82/191-192
Guatamala: G. Central Ry: V68 1899/724; Northern Ry of G. V68 1899/724;
Haiti: Central RR of Haiti V89 1909/40, 162; Nat. Ry of V83 1906/1229;
Honduras: Inter-Oceanic RR Co: V18 1874/135;
Jamaica RR V70 1900/791;b V71 1900/342;

Mexico: Mexican Rys V2 1866/706; Its three principal RRs - Mexico Ry, Mexican Central Ry, and Sonora Ry, V31 7-31-80/109-110
Mexican Car & Fdry Co: V81 1905/1614; V85 1907/407; V88 1909/234;
Chihuahua & Pacific RR:V71 1900/181; V80 1905/1418; V81 1905/1848; V84 1907/693; V88 1909/748;
Coahulla & Pacific Ry: V71 1900/1269; V73 1901/1263; V77 1903/349; V79 1904/786; V82 1906/99;
Consolidated RR of Yucatan: V75 1902/793;
Internoceanic Ry of Mexico:V71 1900/1120, 1220, 1311; V72 1901/44; V73 1901/1112, 1264; V74 1902/680; V76 1903/382, 1192; V77 1903/2035?; V78 1904/287; V79 1904/2588; V83 1906/1347; V85 1907/1641, 1646; V89 1909/many;
Metropolitan Ry (City of Mexico): V82 1906/987;
Mexican Ry: New RR, V31 7-31-80/109-110; V33 1881/622; V65 1897/976; V66 1898/1001; V83 1906/1171; V87 1908/1420; V88 1909/944;
Mexican Central Ry: New RR, V31 7-31-80/109-110; Progress, V21 9-25-80/316-318T; he railroad and reciprocity treaty, V38 3-15-84/314-316; Map, V48 Mar. 1889S/82; Progress and present money depression, V58 5-5-94/755-;756; V31 1880/672; V32 2881/100, 396; V34 1882/see vol's index; V35 1882 - V53 1891/many each year; V54 1892/159; V55 1892/938; V56 1893/973; V58 1894/773; V59 1894/879; V61 1895/281; V62 1896/869, 949, 990; V64 1897/many; V65 1897/328, 463, 824; V66 1898/337, 901; V67 1898/634, 1110, 1263; V68 1899/1133, 1182, 331, 524; V69 1899/283, 382; V70 1900/many; V71 1900/492, 1220; V72 1901-V89 1909/many each vol.
Mexican Eastern Ry: V73 1901/1264; V74 1902/268, 478; V85 1907/1646;
Mexican Great Eastern: V77 1903/2098;
Mexican Industrial Ry: V62 1896/1177; V66 1898/901; V67 1898/530; V70 1900/683, 690;
Mexican International RR: V46 1888/75, 320; V57 1893/179, 181; V59 1894/371; V60 1895/606; V62 1896/85, 909; V65 1897/151, 1071; V66 1898/337; V67 1898/1357; V72 1901/873; V73 1901/553, 784; V74 1902/772, 783; V75 1902/77, 185; V76 1903/many; V77 1903/769; V78 1904/many; V82 1906/801, 815; V83 1906/1092, 1121; V89 1909/1142, 1597;
Mexican International Interoceanic & Oriental RR: V33 1881/716; V34 1882/see vol's index; V35 1882/320; V38 1884/359;
Mexican National Ry:(See also National Ryds of Mex.) Map, V48 Mar 1889S/83; MapV73, 7-26-02S/99; V32 1881/6, 16, 685; V33 1881/717; V34 1882/see vol's index; V35 1882/many; V36 1883/81; V37 1883/99, 502; V38 1884/many; V39 1884/264; V41 1885/many; V421886304, 631;V43 1886/many; V44 1887many; V45 1887/232, 820; V46 1888/537, 678; V47 1888/many; V48 1889/129; V50 1890/451, 480; V511890/569, 876; V52 1891/498; V54 1892/762; V55 1892/256; V56 1893/206, 331, 501; V57 1893/511; V60 1895/many; V62 1896/many; V63 1896/many; V64 1897/517; V65 1897/516; V66 1898/664, 760;V68 1899/672, 724; V69 1899/many; V70 1900/many; V71 1900/29, 84, 288; V72 1901-V77 1903/many each vol.; V81 1905/899?, 1849; V83 1906/many; V84 1907/339, 996; V85 1907/many; V86 1908-V89 1909/many each vol.;
Mexican Northern RR: V60 1895/1009; V64 1897/611, 619; V69 1899/1012; V70 1900/280; V72 1901/581; V73 1901/1011; V74 1902/1089; V77 1903/2098; V83 1906/1344; V88 1909/1313,1437, 1500;
Mexican Pacific Ry: V24 1877/347; V33 1881/304; V81 1905/1792;
Mexican Southeastern Ry: V87 1908/614;
Mexican Southern Ry: V37 1883/99; V62 1896/590; V63 1896/229; V79 1904/2642; V86 1908/721; V87 1908/873; V88 1909/1373, 1509;
Mexico City St. Ry: V62 1896/548, 889;
Mexico Cuernaraca & Pacific RR: V61 1895/196; V63 1896/151; V67 1898/901; V69 1899/332; V75 1902/981, 1203;
Mexico North Western Ry:V88 1909/749; V89 1909/many;
Mexico Oaxaca & Yucatan Ry: V83 1906/1098;
Mexiccan) Tramways Co: V82 1906/928, 1212; V83 1906/1471; V86 1908/286; V88 1909/375, 452, 564; V89 1909778; V87 1908/1160, 1664; V83 1906/626
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Monterey Mineral Belt RR: V60 1895/836;
Monterey Ry Lt & Pr: V88 1909/1128;
Morella & Tacambaro Ry: V83 1906/562;
National Rys of Mexico: See Meican National Ry.
Pueebla Tramway Lt & Pr: V84 1907/1308, 1429;
Sierra Madre & Pacific Ry: V84 1907/1553;
Sonora Ry, New RR, V31 7-31-80/109-110; Progress, V31 9-25-80/316-318; V33 1881/155; V34 1882/315, 399, 461; V35 1882/431; V41 1885/many; V42 1886/61, 305; V43 1886/152, 218; V511890/171;
Southern Pacific of Mexico Ry:V88 19091622;
Tehuantepec Inter-Ocean RR: V32 2-5-81.139-140; The RR and the Govt., V35 11-18-82/557; News:V5 1967/699; V32 1881/114, 139; V33 1881/461; V35 1882/many; V63 1896/31; V66 1898/238; V69 1899/1247; V74 1902/96;
Tehiantepec National Ry: V75 1902/794?; V79 1904/628; V83 1906/1230, 1591; V84 1908/221; V70 1900/125,633; V71 1900/342; V72 1901/283; V81 1905/559;
United National Rys of Mexico: V83 1906/1472;
United Rys of Yucatan:V89 1909/594;
Vera Cruz & Isthmus RR: V87 1908/616;
Vera Cruz & Pacific RR: V77 1903/1534, 2391; V78 1904/many; V79 1904/many; V80 1905/1364; V81 1905/1316, 1846; V87 1908/39, 227, 616;
Vera Cruz Rys: V71 1900/237;
Vera Cruz Terminal Co: V86 1908/53; V87 1908/39;
Panama (RR): The RR and English money V3 1866/386; V10 1870/529; V11 1870/434; V13 1871/50; V14 1872/458; V16 1873/493, 659, 765; V17 1873/661; V19 1874/617; V20 1875/358, 468; V21 1875/207, 231, 489; V22 1876/88, 233, 247, 305, 352; V24 1877/322, 542; V26 1878/annual report 340, 625, 653; V28 1879/376, 530?; V31 1880/511; V32 1881/156, 393, 469, 637; V33 1881/12,48, 412; V34 1882/406; V35 1882/638; V36 1883/426; V44 1887212, 465; V48 1889/489; V50 1890/482; V54 1892/506; V55 1892/many; V56 1893/many; V57 1893/145; V58 1894/716, 593, 1036; V60 1895/523, 837, 874; V61 1895/many; V62 1896/many; V63 1896/76;V64 1897/518, 705, 707; V66 1898/1046; V69 1899/542; V70 1900/737; V71 1900/492, 544, 1270; V72 1901/533; V73 1901/495, 554, 616; V74 1902/many; V75 1902/550; V76 21903/332, 807; V77 1903/512, 2281; V78 1904/1387, 1447, 1782; V79 1904/many; V80 1905/many; V81 1905/841, 900, 1551; V82 1906/219; V83 1906/688; V84 1907/804; V85 1907/469, 654; V87 1908/678;
Peru: Lima Urban Ry:V88 1909/1253;
Porto Rico:Rys, Ltd. V88 1909/1062; V89 1909/226, 594;
Russia: Siberian railway proposal, V52 6-20-91/917-918; Siberian Ry, V61 9-7-95/394-395; Asiatic Ry, V63 12-5-96/991-993; St. Petersburg to have elevated Ry., V72 4-20-001/750; News: progressV3 1866/360
Spain: Rys V5 1867/311
Switzerland: St. Gothard tunnel pierced, V30 3-6-80/235; Opening of the St. Gothard Ry, V34 5-27-82/593-594; To nationalize their RRs, V67 July 1898S/7;

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Garret: Gould, Vanderbilt & Garret, V33 10-8-81/370-371
Gould, Jay: Rrs controlled or in which he had a major interest, V30 3-27-80/308-309; His interest in the CB&Q and Wabash, V30 4-3-80/334-336; Jay Gould as a RR king, V31 12-18-80/638; Gould and the B&O, CNJ, DL&W, V32 3-19-91/299-301; Gould, Vanderbilt & Garret, V33 10-8-81/370-371; His RR comnbinations V29 1879/583;
Huntington, Collis P. Obituary, V71 8-12-00/312-314
Vanderbilt: (See also N.Y.C., M.C., L.S.&M.S.), Gould, Vanderbilt & Garret, V33 10-8-81/370-371; Trip to the west may be to secure railroads west of Chicago, V34 6-24-82/698-699;

BRAKES

New York Air Brake Co: V66 1898/954; V67 1898/see vol's index; V69 1899/see vol's index; V69 1899/many; V70 1900/636; V72 1901/876; V73 1901/1064, 1359; V74 1902/887; V75 1902/1358; V80 1905/2462; V81 1905/671; V84 1907/1371; V86 1908/many; V88 1909/104, 820, 825;
Westinghouse Air Brake Co.: V66 1898/520, 955; V69 1899/many; V70 1900/636; V71 1900/1224; V72 1901/1039; V75 1902/803, 1359; V77 1903/1307, 2039; V78 1904/1121; V80 1905/2464; V81 1905/973; V83 1906/577, 625; V86 1908/726; V87 1908/872;

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Illinois & St. Louis bridge (later named Eads) V16 1873/661?, 693?; V17 1873/460; V18 1874/39, 273, 585, 606; V20 1875/404, 544; V21 1875/55, 349;
Kansas & Missouri bridge: V21 1875/466;
oughkeepsie bridge over Hudson River - Hudson Highlands Suspension Bridge Co. V7 1868/679-680; V17 1873/388;

CAR BUILDERS

Note: I was not closely looking for car builders and so missed some entries and did not index after 1909. You will need to check the index of each volume..
American Car & Fdry Co: V68 1899/many; V69 1899542, 908, 956; V70 1900-V76 1903/many each vol.; V77 1903/951; V78 1904/many; V79 1904/many; V80 1905/118, 1364, 2221; V81 1905/many; V82 1906/many; V83 1906/97, 563, 1413; V84 1907/many; V85 1907/602, 923, 1520; V86 1908/604, 1411, 1585; V87 1908/616, 741, 1480; V88 1909/627, 1615;

Barber Car Co: Probably reported in the magazine 1910
Barney & Smith Car Co: V69 1899/1064; V70 1900/78; V71 1900/82; V74 1902/1198, 1250; V76 1903/1298; V78 1904/2382; V82 1906/many; V83 1906/40, 381; V85 1907/162; V86 1908/482; V87 1908/168, 761, 1302; V88 1909/1623;V89 1909/165;
Bowen Motor Rys Co: Probably reported in the magazine 1919-1920s.
Brill (J.G.) Co: V73 1901/1013; V75 1902/668, 1088; V78 1904/1225; V80 1905/713; V83 1906/382; V84 1907/many; B85 1907/1400; V86 1908/many; V87 1908/1090; Reported in the magazine 1910s on.
Brownell Car Co: V75 1902/1088;
Budd Car Co: Reported in the magazine 1930s-40s.
Burton Stock Car Co: V71 1900/1014; V76 1903/868;
Canada (Cattle) Car Co: V74 1902/480, 529; V79 1904/2459, 2749; V83 1906/157; V84 1907/452; V89 1909/1143; V70 1900/1097; V73 1901/34;
Canadian Car & Fdry Co:V89 1909/1283;
Chicago Car & Loco. Wks: V77 1903/198;
Cincinnati Car Co: Probably reported in the magazine 1920s.
Drake Car Co: Probably reported in the magazine 1910s.
Edwards Car Co: Probably reported in the magazine 1920s.
Federal Storage Battery Co (Car builder) Probably reported in the magazine 1910s.
Four Wheel Drive Co: Probably reported in the magazine 1920s.
Georgia Car & Mfg. Co: V78 1904/290, 1394, 2445; V80 1905/475, 201; V81 1905/616;
Goodwin Car Co: V78 1904/290; V79 1904/905, 2645; V80 1905/1060, 2347; V81 1905/1668
Hall Scott Co: Probably reported in the magazine 1910s-20s.
Harlan & Hollingsworth Co: V85 1907/724;
Harrisburg Car Mfg. Co: V69 1899/1065;
Mack Truck Co (Car & Loco. bldr): Probably reported in the magazine 1920s-30s
McGuire-Cummings Mfg. Co (Car bldr) Probably reported in the magazine 1920s. .
McKean Car Co:Probably reported in the magazine 1910s
Meister & Sons, A. (Car Bldr) Probably reported in the magazine 1918-22
Michigan Peninsular Car Co: V56 1893/206, 208; V57 1893/638; V60 1895/1009; V61 1895/472, 1011; V68 1899/many; V69 1899/1348; V71 1900/604, 700;
Mount Vernon Car Mfg. Co: V86 1908/1592;
National Rolled Steel Car Co: V72 1901/186; V73 1901/394;
Niles Car & Mfg. Co: V75 1902/613; V82 1906/284; V83 1906/1040;
Ohio Falls Car Mfg. Co: see vol's index; V68 1899/180; V63 1896/188;
Oneida Ry Motors: (Car bldr): Probably reported in the magazine 1920s.
Osgood Bradley Co: Probably reported in the magazine 1910s-30s .
Pressed Steel Car Co: V68 1899/many; V69 1899/many; V70 1900/many; V71 1900/many; V72 1901/many; V74 1902/many; V75 1902/189, 909, 1305; V76 1903/many; V77 1903/206, 301, 1536; V78 1904/many; V79 1904/many; V80 1905/169, 709; V81 1905/672, 1243; V82 1906/450, 456; V84 1907/447; V86 1908/476, 1470; V88 1909/502, 509, 1503; V89 1909/many;
Pullman Co: V69 1899/1197; V71 1900/604, 817, V73 1901/845; V74 1902/100, 215; V75 1902/851, V77 1903/many; V78 1904/771; V79 1904/many; V80 1905/1916; V81 1905/1244, 1314; V82 1906/279, 1215; V83 1906/many; V84 1907/274, 697; V86 1908/173, 232; V87 1908/many; V88 1909/many; V89 1909/1067, 1286; Reported in the magazine 1910s-40s.
Railway Storage Battery Co (Car builder): Probably reported in the magazine 1910s.
Ralston Steel Car Co: V83 1906/498; V84 1907/935, 1252; V88 1909/1065;
Saint Louis Car Co: V76 1903/many; V78 1904/1227; V80 1905/169; V88 1909/162; Reported in the magazine 1910s-40s. V82 1906/990; V83 1906/1596;
South Atlantic Car & Mfg. Co: V79 1904/156; V81 1905/618; V86 1908/424; V87 1908/815;
South Baltimore Steel Car & Fdry Co: V76 1903/1412; V81 1905/1497, 1562; V86 1908/424; V88 1909/382, 1065, 1626; V89 1909/291, 1416;
Southern Car & Fdry Co: V68 1899/725, 826, 929; V71 1900/1273; V72 1901/143, 411; V73 1901/142; V75 1902/669, 1044; V78 1904/many V79 1904/2799;
Standard Steel Car Co: V73 1901/1318; V76 1903/many; V78 1904/107, 587, 1114; V85 1907/473,1579; V89 1909/1416; Reported in the magazine 1910s-40s.
Stephenson Car Co, John : V70 1900/1203; V71 1900/88, 140, 713; V71 1900/140; V80 1905/716;
Structural Steel Car Co: V77 1903/93, 404, 2394; V78 1904/1501, 1786;
Twin Coach Co (Car blr) Probably reported in the magazine 1920s-30s.
Western Steel Car & Foundry Co: V74 1902/991;
White Car Co: Probably reported in the magazine 1910s-20s.

CAR LEASING & OWNING COMPANIES

I did not index these thoroughly and did not do it at all after 1909. See the indexes of each volume.
Adamson Stock Car Co: V76 1903/332;
American Live Stock Transportation Co: V87 1908/1606;
American Palace Car Co: V69 1899/284; V72 1901/89; V73 1901/1315; V81 1905/614;
American Ry Equipment Co: V68 1899/974;
Armour Car Lines Co: V72 1901/628; V83 1906/1100;
Central Car (Trust) Co: V64 1897/41; V75 1902/1205;
Compressed Air Power Co: V64 1897/135;
Consolidated Cattle Car Co: V73 1901/34; V74 1902/480;
Consolidated Rolling Stock Co (Bridgeport, Ct): V75 1902/983; V77 1903/2086; V87 1908/345
Consolidated Street Car Co: V68 1899/618, 670; V69 1899/335;
Continental Ry. Equipment Co: V77 1903/1876;
German American Car Co (Tank Line): V87 1908/289;
Holland Palace Car Co: V83 1906/326;
Illinois Car & Eqpment Co: V65 1897/736, 1174; V66 1898/343, 810; V68 1899/331; V70 1900/586; V71 1900/1272; V72 1901/678; V73 1902/729, 832; V75 1902/668; V78 1904/586; V80 1905/166; V84 1907/53, 806;
Illinois Rolling Stock Co of East St. Louis: V67 1898/125
Imperial Rolling Stock Co: V75 1902/1357; V77 1903/1749;
Iron Car Equipment Co: V63 1896/458; V72 1901/143;
National Car Equipment Co: V68 1899/928;
National Car Line Co: V77 1903/454;
Pacific Fruit Express Co: V83 1906/1595; V84 1907/576;
Pullman Palace Car Co: V67 1898/see vol's index; lace Car Co: V21 1875/467; V23 1876/402; V26 1878/217; V27 1878274, 302, 514; V28 1879/200; V291879/328; V30 1880/651; V31 1880/327, 350, 383; V32 1881/44, 336, 396; V33 1881/302 annual report; V34 1882/many; V35 1882/298, 319; V37 1883/424, 445; V38 1884/230, 247; V39 1884/202, 460; V41 1885/242, 4721; V45 1887/509, 538, 696; V47 1888/471; V48 1889/many; V49 1889/511, 538; V511890/many; V53 1891/570; V55 1893/219, 639; V56 1893/42, 71, 669; V59 1894/many; V61 1895/612; V62 1896/139, 234; V63 1896/754; V64 1897/798V65 1897/778, 925; V67 1898/many; V68 1899/188;
Pullman Southern Car Co: V32 1881/579;
Swift's Refrigerator Transportation Co: V77 1903/2287; V83 1906/217; V71 1900/*454, 506;
Union Palace Car Co: V47 1888/532;
Union Referigerator Trans. Co: V77 1903/2163;
Union Tank Car Line: V83 1906/1294; V85 1907/227; V87 1908/170;
United States Car Co: V63 1896/78, 1160; V65 1897/many; V66 1898/136, 343;
United States Rolling Stock Co: V20 1875/492; V22 1876/207; V23 1876/255; V24 1877/368; V25 1877/211; V26 1878/annual report 289;
Wagner Palace Car Co: V48 1889/530; V49 1889/33, 680; V53 18901/881; V56 1893/71; V59 1894/360: V63 1896/503; V67 1898/369; V69 1899/many;
Western Transit Co: V79 1904/738;

ELECTRIC RAILWAYS

(A semi annual street railway supplement began appearing in late 1894 similar to the steam railroad supplement which had been produced many years. These supplements carried considerable electric railway news which I did not index, but probably should have. It continued to appear until after 1920 or later.)
Maps - These are excellent. Some may have appeared in earlier supplements and some appeared in subsequent ones. It is likely that I missed some of them. Along with the mapsof a relatively few companies, every street and intururban railway was reported quarterly in the United States. on finances, construction, etc. Thew maps have been indexed with their railway.
Cars: Compressed air and storage battery street cars, V68 5-27-99S/4; Storage battery, V69 8-26-99S/3; Open and closed car, V69 8-26-99S/5: Discussion on different types of street cars - convertible, double truck, interurban, long cars, V67 11-26-98S/1-2
Electric roads versus steam roads, their power defined, V60 3-30-95/544-546
Freight service by electric Rys, V68 5-27-99S/6
Street Car Strike, Lessons of, V69 7-29-99/204-206

Street Railways in the U. S. - The Changes of the Last Ten Years, V57 9--2-93/361-362
Subway profitability, V68 4-29-99/797-798;

EXPRESS COMPANIES
Note: I was not looking closely for express companies, and so I probably overlooked some entries. You will need to check the indexes of each volume. I did not indexafter 1909.
Adams Express Co: V15 1872/19; V19 1874/270; V31 1880/121; V64 1897/42; V71 1900/1014; V72 1901/777; V73 1901/1265; V76 1903/384, 436; V77 1903/90; V82 1906/102; V83 1906/40; V84 1907/1489; V85 1907/865, 1210, 1447 V86 1908/722; V87 1908/874; V88 1909/many; V89 1909/1282, 1342;
American Express Co: V311880/171; V56 1893/500, 578; V70 1900/998; V72 1901/777, 937; V76 1903/974; V79 1904/153; V82 1906/630; V83 1906/325, 404; V84 1907/933, 1553; V87 1908/874, 933;
Metropolitan (trolley) Express Co: V79 1904/155;
National Express Co: V69 1899/743;
North American Express Co: V83 1906/1040, 1233;
United States Express Co: V22 1876/159; V60 1895/393; V72 1901/92, 779?; V73 1901/794; V84 1907/many; V86 1908/916, 1046; V87 1908/484, 756, 1092;
Wells Fargo & Co express company V9 1869/613; V46 1888/371; V48 1889/372; V57 1893/684; not all entries indexed; V82 1906/1504; V83 1906/many; V86 1908/917; V87 1908/478, 484, 1305;

LOCOMOTIVE BUILDERS
Note: I probably missed entries of some builders. You will need to check the indexes of each volume to be sure. I did not indexafter 1909.
American Locoomotive Co:V72 1901/many; V73 1901/many; V74 1902/96, 207, 270; V75 1902600, 1356; V76 1903/707, 1409; V77 1903/449; V78 1904/many; V79 1904/1022; V80 1905-V83 1906/many each vol.; V84 1907/933; V85 1907/many; V86 1908/722, 1102; V87 1908/many; V88 1909/102, 1063; V89 19409/many;
Baldwin Locomotive Works: V74 1902/208; V78 1904/344; V82 1906/453; V84 1907/161, 340; V86 1908/231, 422; V88 1909/1502, 1623;
British American Loco. Works: V76 1903/1087;
Brookville Loco. Co: Probably reported in the magazine 1920s.
Davenport Loco. Wks: V82 1906/1442; V84 1907/696;
Electro-Motive Corp: Probably reported in the magazine 1920s.-30s
Fairbanks Morse Co: (Car & loco bldr): Probably reported in the magazine 1930s-40s
Ingersoll Rand Co (Car & Loco. builder. Probably reported in the magazine 1920s-30 but overlooked being indexed..
Kingston Loco. Wls: V72 1901/See vol's index;
Locomotive & Machine Co: V77 1903/513, 1877, 2393; V78 1904/1113, 1449; V82 1906/283; V84 1907/1431; V87 1908/681;
Montreal Loco. Wks: V87 1908/681;
Rhode Island Loco. Wks: V66 1898/135; V68 1899/130, 524;
Richmond Loco. Wks: V72 1901/143, 939'
Rogers Loco. Wks: V71 1900many; V72 1901/many; V73 1901/86, 1064, 1211; V74 1902/156, 730; V76 1903/814; V77 1903/40, 93; v78 1904/1396; V80 1905/476, 1482; V82 1906/933;
Rome Loco. & Machine Wks: V80 1905/1179, 1975;
Thomson Houston Co: V51 1890/many; V52 1891/322; V53 1891/804; V54 1892/many;
Westinghouse Electric Machionery Co: (Car & Loco bldr.) Probably reported in the magazine 1920-30ss.

LOCOMOTIVES DEALERS AND LEASING COMPANIES
Hicks Loco. & Cars Wks: V82 1906/1044; V83 1906/99;
Pease Car & Loco. Wks: V76 1903/755, 814; V77 1903/206;
Risdon Iron & Loco. Works: V74 1902/730, 1143; V75 1902/80, 397;
United States Loco. Co: V77 1903/2396;

MARINE
Grand Trunk Car Ferry Co: V81 1905/1613;
Ontario Car Ferry Co: V81 1905/1796;

MISCELLANEOUS
Balanced Loco. & Engineering Co: V77 1903/1227;
Competition River and rail V53 9-26-91/421-422;
Edwards RR El. Light Co: V80 1905/1732, 2461;
Holman Locomotive Speedingf Truck Co: V73 1901/393;
Horse RRs of New York State V9 1869/648
Land grants and RR progress V14 1872/374-375; See also Kansas Pacific RR, Texas & Pacific RR, ; Completion of land grant RRs, V30 4-24-80 Supplement/3
Milk by RR V3 1866/695
National Car Coupler Co: V68 1899/524; V69 1899/142;
New York El. Headlight & Train Lighting Co: V76 1903/483;
Northern Securities Co: V74 1902/many; V75 1902/many?; V76 1903/many; V77 1903/147, 299, 1294; V78 1904/many; V79 1904/many; V82 1906/101; V84 1907/103; V86 1908/1101, 105;
Pyle National El. Headlight Co: V76 1903/483;
Railroads and the Grange V18 1874/204;
Safety Car Heating & Lighting Co: V711900/1223; V76 1903/483; V77 1903/2283; V81 1905/1615;
Safety Third Rail & El. Co: V67 1898/691;
Stock watering: V7 1868/263-264
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Westinghouse Automatic Air & Steam Coupler Co: V72 1901/1088;

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Moses Taylor gift of a hospital to provide free medical care for DL&WRR and Lack. Iron & Steel Co. employees, V34 4-8-82/389
Labor problems and the Knights of Labor, on the New York Central V51 8-16-90/184-185;
Wages of employees on the New York Central, V51 12-20-90/855-856
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Brotherhood of Loco. Engineers strike against Toledo, Ann Arbor & Northern Michigan RR and shutting down feeder lines legality decided by U. S. Circuit Court., V56 4-8-93/559-560; Brotherhood strikes, V56 4-15-93/598-599
Senator Raffles and the misled strikers, V59 7-14-94/47-48
United States Strike Commission report, V59 11-17-794/856-857
Street Car Strike, Lessons of, V69 7-29-99/204-206

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(There were many articles on these problems in the 1880s and 1890s which were not indexed to a specific railroad.)
Farmers upset by increased rates Need for govt. regulation, V30 4-10-80/368-369
Rate war east of Chicago, results on five RRs, V34 1-7-82/1, 1-28-82/99;
Anthracite coal allotments, V40 6-20-85/729-731
Effects of lower rates on the C. & N. W. RR V51 8-9-90/157-158;
Through rate discrimination - I.C.C. Decision for the New York & Northern RR against New York & New England RR and Housatonic RR , V52 5-30-91/815-817
Low rates and large traffic on New York Central RR, V55 9-17-92/439;
Long haul and short hall clauses, Supreme Court reverses I.C.C., V65 11-13-97/900-902; Superior court decision, V72 4-20-01/748-749;
Pooling - opposite views by presidents of the L.&N.RR and the N.Y.C.RR.; RR pooling and its relation to RR rates, V67 12-3-98/1133-34; Railway pooling, V69 12-2-99/1127-1128;

RAILROADS
Electro-Magentic Ry: Leffler (Chicago): V78 1904/1965;
New trunk line RRs Chicago and Buffalo to Boston and New York, V33 11-19-81/542-543
Railroads in Default (bankruptcy) (about 42 listed), Supplement Oct. 1884/1-4
Unification of gauges, V42 5-29-86/649-650;
English criticism of American railroad management, V53 8-1-91/140-142
Receiverships in progress: B&O, SF, UP, Rdg, NP,N&W,CofGa,WisC., C.H.V.&T.RRs, V66 April 1898S/.
Cars: Passenger car safety and life expectancy, steel versus wood, V67 10-29-98S/1; Changes in design over the years, V70 5-19-00/969-970; News: : Sleeping cars V5 1867/347;
Locomotives, Economy of heavy, V69 11-18-99/1036-1037; Automatic stokers, V73 7-26-02S/6 and 11-15-02S/2

SIGNALS
Note: I probably missed some entires, and I did not indexafter 1909. Check the indexes of each volume.
Federal Ry Signal Co: V84 1907/1430; V86 1908/1103, 1470;
General Electric Signal Co:V88 1909/103, 946, 1000;
General Railway Signal Co: V79 1904/272; V83 1906/40, 1349; V85 1907/224 V86 1908/54; V87 1908/874;
Hall Signal Co: V73 1901/842, 1359; V74 1902/1254; V81 1905/1317; V83 1906/754; V84 1907/53, 511, 573; V86 1908/111;
National Switch & Signal Co: V67 1898/see vol's index;
Sargent Automatic Signal Co: V76 1903/216;
Union Switch & Signal Co: V67 1898/738, 1264; V69 1899/1348; V70 1900/428, 636; V72 1901/444, 479; V74 1902/678; V76 1903/many; V77 1903/827; V78 1904/1171; V80 1905/1057; V82

1906/52, 105, 567; V83 1906/42, 1475; V84 1907/449, V85 1907/1282; 453; V86 1908/478;

COSMOPOLITAN MAGAZINE 1886 - 1906

The only reason that this magazine is included is because Angus Sinclair mentioned it in his *Railway and Locomotive Engineering Magazine*, Bucknell University's library, where I did much of the indexing, had the magazine, and it only took about an hour to do. I indexed through 1906 by which time it no longer included railroad articles except for some fiction short stories.

As it was a family magazine, its articles were written usually somewhat differently from what appeared in other magazines. Almost all articles were illustrated.

U. S. AND CANADIAN STEAM RAILROADS
Atchison Topeka & Santa Fe RR: General history V.14 1892/465-475;
Atlantic Coast Line Ry: History of the South Atlantic RR System V.13 1892/680-687
Denver & Rio Grande RR: Scenic wonders V.19 1895/17-28
New York Central: A trip on Inspection Loco. #254, V.29 1900/585-592
Seaboard Air Line Ry: History of the South Atlantic RR System V.13 1892/680-687
Southern Ry: History of the South Atlantic RR System V.13 1892/680-687
Southern Pacific RR: General history of the S.P. and C.P., V.15 1893/280-291
White Pass & Yukon Ry: Ry. to the Klondike, V27 1899/76-80

FOREIGN COUNTRIES
Russian: Trans Siberian Ry, V.14 1892/559-565
Intercontinental Ry (Pan American Ry) V.15 1893/389-404
Italy: Vesuvius rack Ry V.37 1904/360-386 (part only)
Switzerland rack Rys: Pilatus, Rigi,. Jungfrau V.37 1904/360-386 (part only)

ELECTRIC RAILWAYS
Trolley-amusement parks, Coney Island V.33 1902/265-272
Burlington & Mt. Holly Traction Co. Car #2 photo V.26 1898/272
Manufacturer's RR (Ct.) loco. #1 with frt. car photo V.26 1898/272

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Wreck masters and photos of unidentified wrecks V.34 1902/16-24
Rack Rys of the U. S. & Switzerland V.37 1904/360-386
Mount Lowe Incline Ry V.37 1904/360-386 (part only)
Mount Washington Ry V.37 1904/360-386 (part only)
Railway passenger agent services V.8 1889/67-72
Kansas RR Commission (Govt. controls) V.12 1891/337-3240

ELECTRIC JOURNAL 1904 - 1939

This monthly magazine was begun by employees of Westinghouse Electric & Manufacturing Co as a way of keeping the engineering staff informed of recent developments. As this magazine was somewhat of a house organ, few places have it. It also had contributions from other Pittsburgh companies such as Union Switch and Signal Co. and Westinghouse Air Brake Co. As such its articles presented information differently from the general engineering magazines. It tended to be more technical and concerned itself with things that were manufactured in Pittsburgh. Therefore, many of the articles are excellent, the material found no where else. The magazine did not merge into another magazine.

STEAM RAILROADS
Baltimore & Ohio RR: Comparative data on electric RRs 1910/650;
Boston & Maine RR: Hoosac tunnel 1911/830-846; Hoosac tunnel electrification 1914/509-513; Diesel el. rail car #1141 1935/370;
Canadian National Ry #9000 main line pass. oil 1929/44; Oil el. car #15830 1929/461;
Chesapeake & Ohio RR: Presque Isle ore & coal dock 1931/201-206;
Chicago Great Western RR: Blue Bird Special train 1929/461;
Chicago Milwaukee & St. Paul: New el. pass. loco #10300 1918/40-42; El. power supply for Puget Sound line 1920/3-18; Electrical equipment 1920/235-250; Snow fighting 1921/39-40;
Erie RR: Rochester Branch el. operation results 1916/144-145; Rochester Br. el. train operation and results 1920/460-463; Reflections on Rochester Br. electrification 1921/40-41;
Grand Trunk Ry: Sarnia electrification 1906/187-204; St. Clair River tunnel electrification 1908/554-573; Comparative data on electric RRs 1910/650; 6 year results of St. Clair electrification 1915/542-546; River tunnel operation 1920/480-482; 16 years experience with St. Clair tunnel operation 1924/474-475;
Great Northern Rt: Cascade electrification 1925/489-491; Comparative data on electric RRs 1910/650;
Gulf Mobile & Northern: "Rebel" 1935/269 & cover;
Illinois Central: suburban service 1926/533-537;
Long Island RR: Electrification 1-06/29-32; Storage battery car performance1916/458-460;
Michigan Central RR (Detroit River tunnel): Comparative data on electric RRs 1910/650;
Missouri Oklahoma & Gulf RR: Gasoline el. car 1913/53-61
New York Central: Comparative data on electric RRs 1910/650;
New York New Haven & Hartford RR: Electrification 1906/187-204; M.U. cars 1909/687-692; El. loco. #071; Comparative data on electric RRs 1910/650; Lift bridge 1912/241-246; Loco. #076 spring drive 1912/852-859; Electrification to New Haven 1914/253-261; New el. locos 1917/414-415; Gas. self propelled car #8000? 1924/483; streamlined rail car "Comet" 1935/208;
Norfolk & Western Ry: Electrification 1913/937-941, 1915/309-313, 1915/458-462, 1915 473/476, 1916/127-129; New el. locos 1924/280-282;
Northampton & Bath RR #802 diesel 1937/153-154;
Pennsylvania RR: Comparative data on electric RRs 1910/650; Paoli electrification 1915/536-541, 1916/68-78 & 1916/485-487; Operating experience on Paoli line electrification 1917.396-398; Split phase el. loco. 1917/406-412 Tug boat #21 1924/521; Oil el. rail car #4663 1929/461;
Reading RR: Gas el. car #80 for Trenton Br. 1925/493-498; Oil el. car train #74 1929/460; Budd Michelon car 1933/14-15;
Southern Pacific: Steeple cab el. loco 1934/133-136;
Texas & Pacific Ry: 2 car streamlined train 1933/466 & 495;
Union Pacific: Streamline train 1934/113;
Virginian Ry: Electrification 1924/275-279;
Western Maryland Ry: Port Covington, Baltimore coal pier 1923/329-333;

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Aroostook Valley RR: Loco. #54 1927/170;
Baltimore St. Ry: P.C. C. car #7023 1937/30;
Baltimore & Annapolis Short Line 1911/895-904;
Boston elevated/subways: Comparative data on elev. & subways in U.S. 1910/650; M./U. operation 1923/366-369'
Brooklyn: elevated/subways: Comparative data on elev. & subways in U.S. 1910/650
Chicago street cars: Experimental streamlined P.C. C. car 1934/410-413;
Chicago: elevated/subways: Comparative data on elev. & subways in U.S. 1910/650
Chicago Lake Shore & South Bend Ry: 1914/602; train operation 1917/399-401; Frt. service 1919/453
Chicago North Shore & Milwaukee: Frt. loco 1918/388; #511 1923/357
Cincinnati Tr, Co: M. U. car operation 1923/366-369;
Cleveland Ry: 26" wheel; low floor car #1220 & 33 series 1915/488-490; Shops 1916/491-503; Aluminum st. cars #1376 1929/469
Cleveland Interurban Ry: M. U. operation 1920/464-469 & 1923/366-369;
Connecticut Co.: frt train 1913/1071; Car #300 1922/409-412;
Detroit United Ry: Frt. terminal 1918/389;
Eastern Massachusetts St. Ry: Car #6000 1923/356;
Fairmount & Clarksburg Ry 1911/902;
Houston El. Co: Double truck light Car 1922/409-412
Indianapolis & Cincinnati Tr. Co. 1914/597-598; Description 1924/464-466;
Interborough Rapid Transit: Std. equipment 1916/465-468; 8th Ave. subway cars 1937/31;
Interstate Public Service Co (Indianapolis) Frt. train operation loco. #606 and car #425 1923/373-374;
Kansas City Rys: M. U. car operation 1923/366-369;
Lake Erie & Northern Ry: El. locos 1916/469-471
Los Angeles Ry Co: Center entrance st. cars 1913/949-952
Metropolitan West Side Elevated RR (Chicago): Train picture 11-04/562
Michigan Ry Co: Car #219 1919/453; Pass. & frt. operations 1919/422-426; Employee services 1921/453-457;
Michigan United Tr. Co: first 5000 volt Ry 1915/445-448 & 1916/441-442
Milwaukee El. Ry. & Lt. Co: M. U. car operation 1923/366-369;
Missouri Pacific Ry: Portable substation car #1 1929/464;
Monongahela Valley Tr. Co.: Frt. train 19919/437; light weight car 1922/409-412
Montreal & Southern Counties: Substation and el. loco. #325 1926/521-523;
New York City elevated/subways: : Comparative data on elev. & subways in U.S. 1910/650
New York Municipal Ry: Std. equipment 1916/465-468;
New York Rapid Transit: Multi section articulated cars 1934/387-389
New York Westchester & Boston Ry: 1912/833-849; equipment 1914/241-246; 1914/600-601
Niagara Junction Ry: Operations 1916/124-126;
Northern Carolina Public Service : Car #50 1919/447-450
Oakland Antioch & Eastern RR: Described 1913/916-924; loco. #105 1927/173;
Ogden Logan & Idaho Ry: Loco. #901 performance 1917/401-405;
Pacific Electric RR: Loco. #1601 1912-956-963; Loco. #1601 1913/1001; RR described 1914/505-508; Car #364 1919/426-428 or 447-452; Substation 1926/496-499;
Philadelphia elevated/subways: Comparative data on elev. & subways in U.S. 1910/650
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Pittsburgh & Butler St. Ry 1908/126-142;
Pittsburgh Harmony Butler & New Castle Ry: Described 1914/594-597;
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Princeton Power Co: Light weight car #104 1922/409-412
Public Service Co. of N. J.: Street car operation 1913/953-960
Rock Island Southern Ry: interurban 1910/787-796; 1914/598-600;
Santa Barbara Suburban Ry Car #43 1922/413;
Southern Pacific : Frt. train w.loco. #200 1913/1071;
Southern Power Co Ry: Portable substation 1915/143-147;
Spokane & Inland Empire RR: 1911-858-869; Loco. #502 1913/1000;
Springfield St. Ry (Mass.) Worm driven electric car 1927/483-485;
Staten Island Rapid Transit Ry: substation 1926/499-503;
Tampa El. Ry. #85 car 1918/390;
Terre Haute Indianapolis & Eastern Tr. Co: Frt. service 1919/453
Third Avenue Ry (N.Y.C.) : Birney car #1263 1920/488;
Toledo & Wabash Ry: Frt. service car #403 1921/474-476
Toledo Ry. & Lt. Co. operations: 1916/455-457
United Rys (St. Louis) Semi steel side door car, #777? series 1921/468-469
Vallejo Benicia & Napa Valley Ry: 1906/657-658
Virginia Ry & Power Co. Car #1203 1919/426-428 or 447-452
Visalia El. Ry: Described 1914/586-590
Waterloo Cedar Falls & Northern Ry: Described 1914/548-549; Frt. train and operations 1917/420-425; sweeper #X1 1920/438-443;
Youngstown & Ohio River RR Loco. #3 1914/573;

INDUSTRIAL RAILROADS
American Rolling Mill Co. diesel #B70 at Butler, Pa. 1929/533;
Berwind White Coal Co: 20 ton el. mine loco. 1928/462;
Carnegie Steel Co. coke plant loco. #2 1920-49-51;
Great Lakes Steel Co l #2 diesel 1934/133-136;
Inland Lime & Stone Co. #2 diesel 1934/133-136
Red River Lbr. Co.: Electrification 1927/547-550;
Western Electric Co: Battery loco. #2 converted to diesel el.-battery loco. 1939/67-68;

Westinghouse El. & Mfg. Co. diesel loco. #7 1929/307; 400 hp diesel #21, 1930/425-426;

FOREIGN
Europe: 3 phase European Rys 1910/359-372 & 484-490; Electrification of trunk lines 1913/981-987;
Brazil: Paulista Ry electrification 1922/17-23;
Chile:Electrification 1922/99-106
Cuba: Central Limones Ry electrification 1920/477-480;
France: Paris Orleans Ry: Comparative data on electric RRs 1910/650;
Great Britain:
Mersey Tunnel electrification 1906/259-265
Metropolitan Ry (London) electrified 1906/330-333;
Italy: Cinta Castekllana single phase Ry 1906/218-221; Giovi line electrification 1914/550-561
Sweden: Rksgrans Ry above Arctic Circle 1018/286-292;
Swiss 5000 volt A.C. narrow gauge RR in Valle Maggie 1911/802-808;

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Electro pneumatic brakes 1913/74-82 & 130-137 & 278-288;
Air brakes on el. rys 1920/540;

CARS
Birney 4 Wheel Safety cars: 1 man, 4 wheel 1916/451-454; success of 4 wheel safety car 1918/390-394 & 1919/426-428 & 1919/447-452; editorial 1919/419; Operations 1921/477-480; 1922/412-414; New design 1928/546;
Light weight, double truck cars 1922/409-412 & 1923/356-360; Aluminum st. cars 1929/469;
Gas El. self propelled rail cars 1924/481-483;
Michelon rail car 1933/14-14;
Gas el. stainless steel train T&P RR 2 car 1933/466 & 495;
P.C.C. Cars (President's Conference Car) Experimental streamlined trolley cars 1934/410-413;

LOCOMOTIVES
Interurban electric locos 1913/1061-1071; 1927/168-174; Comparison of low & high speed interurban frt. locos. 1919/436-440;
Remote controlled el. loco. 1920/49-51;
Industrial diesel and el. locos 1934/133-136
Coke quencher and steel mill charging locos. 1920/392-396; 1924/517-520;
Mine locos.: El. locos 1913/269-275 & 1927/493; storage battery mine locos 1929/191-193; cable reel mine locos 1931/291-293; 20 ton el. mine loco 1928/462; 32" high 20 ton mining locos 1937/18;
Oil Electric (Diesel) Locomotives: 1.C.RR main line pass. loco.#9000 929/44; Yard switching uses 1929/304;

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Baldwin Locomotive Works : #2 diesel 1929305;
Westinghouse El. Co. 135 ton single phase loco. 1905;3580361, loco. building in Italy 1914/46-47;std. el. locos 1914/572-577; diesel loco. #7 1929/307;

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Single phase versus D.C. ry. operation 1907-461-468;
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Multiple unit cars or trailer cars on interurbans. 1911/895-904; multiple unit (M.U.) operations 1923/366-369
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Winter operation of interurban railways 1920/438-443;

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Light signals 1915/443-444;
Signaling: a history and explanation appearing thruout 1907 on pages 7, 68-74, 127-136, 201-214, 259-263, 323-335, 389-397, 440-446, 512-519, 555-559, 650-653, 706-708;
Union Switch & Signal Co. history 1906/450-455

STRUCTURES
Reinforced concrete for structures 1910/98-113

THE ELECTRICAL AGE 1883 - 1910

This magazine has unusually excellent photographs, the best of any magazine I indexed. For an electrical magazine the railroad articles had unusual broad diversity. Unlike other magazines, which often covered the same subjects of competing magazines, this magazine's articles did not appear in rewritten form in other magazines.

It had very little railroad material until the late 1890s.

Originally a weekly, it became a monthly in June, 1902 and was much enlarged with volume #32 in January, 1904. Although a monthly, the magazine had two volumes a year similar to weeklies. Beginning in 1907 with volume 38, a volume covered an entire year. It discontinued June, 1910. Single page references are usually only a picture and caption.

UNTIED STATES AND CANADIAN ELECTRIC RAILWAYS
Aurora Elgin & Chicago Ry: Described and car #46 5-04/322-325;
Baltimore & Hampden Ry: History 3-05/202;
British Columbia El. Ry: Employee profit sharing 11-02/609-610;
Brooklyn City RR: Car #1008 7-1-93/404
Brooklyn Heights RR: Theatre cars "Amphion" and "Montawk" 1-25-96/44;
Buffalo & Lockport Ry: Loco. #1 and train, V33 12-04/417-426; 9-17-98/155-157
California Ry: 3-6-97/145-146;
Cape May Delaware Bay and Sewells Point RR: Loco. #1 V33 12-04/424
Chicago St. Louis El. Ry: 100 mph scheme collapses 8-3-95/57;
Coney Island & Brooklyn Ry: Car #212 6-3-93/345;
Consolidated Tr. Co (NJ) Car #120 5-19-94/232-233
Interborough Rapid Transit Co: Organized 8-02/299-301; Station lighting 5-05/329-333;
Kokomo Marion & Western Traction Co: Description V39 8-08/182-187
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Metropolitan St. Ry (New York City): The first pay as you enter trolley cars V38 11-07/438; Converting from cable to electric on Broadway 12-31-98/347-349;
Montreal Park & Island Ry (Que) 10-19-95/216-217; 6-13-96/309-310;
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Mount Clemons & Lakeside Tr: Car #5 & trestle 10-17-96/606;
Mount Tom Incline Ry (Holyoke, Mass) 4-1-99/182-183;
New York & Brooklyn Bridge RR: El. cars tested and loco.#13 0-4-0T 2-15-96/74-75; El. car 4-3-97/209-210;
Norfolk & Ocean View RR: car "Ocean View" 10-17-96/606 or 608;
Philadelphia Rapid Transit Co: Repair and extension work 1-05/1-8;
Philadelphia Tr Co: Car #856 2-18-93/98-99'
Pittsburgh Harmony Butler & Newcastle Ry: First high voltage DC V40 4-09/102-103
Richmond & Chesapeake Bay Ry: Description V39 4-08/97-99
St. Louis Suburban Ry: El. loco. & train V33 12-04/425
Saratoga & Mount McGregor El Ry: History 3-05/202;
Schenectady Ry: Ballston Division first commercial A.C. Ry. in America. V33 9-04/186-190;
Suburban RR (Chicago) From steam to electric 8-14-97/99-102;
Third Ave. Ry (New York City) Self propelled gas electric car #1 V41 2-10/29-30; From cable to underground trolley 4-7-00/105;
Warren & Jamestown Ry: Described including cars #50 & 51 3-06/179-186;
West Jersey & Sea Shore RR: Electrification & car #6736 12-06/419-427;
Western Massachusetts Ry: Car #100 1-06/51;
Wilkes Barre & Hazleton RR: 3rd rail interurban V33 7-04/34-38

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Baltimore & Ohio RR: El. operation at Baltimore V33 12-04/419-421; Electrification 7-20-95/33-35
Delaware & Hudson RR: Gas electric car 2-06/127-129;
Erie RR: Rochester Br. electrification V38 10-07/394-398 & 11-07/429-434 & 12-07/471-472;
Hoboken Manufacturer's RR: El. loco. & train V33 12-04/426;
Hoboken Shore RR: 1-8-98/15-16;
Long Island RR: Electrification 11-05/329-336; Power transmission 7-06/11-22; MU car #1104 & 1201 & Peckham rotary snow plow 9-06/199-210;
New York & Erie RR: RR operation before telegraph 9-02/374-375;
New York Central RR: #6000 first el. loco. and its use V33 12-04/440-449; Float bridge at N. Y. dock V38 9-07/355-356;
New York New Haven & Hartford RR: An A.C. heavy duty electrification 4-06/241-252;
Pennsylvania RR: Two experimental el. locos, one gearless, one geared. #10001. V38 9-07/359; Proposed North & East River tunnel 2-03/131-134; Extension to Long Island City from N.J. 4-06/295-301; Electrically lighted train & loco. #1606, 4-4-2, with Curtis steam turbine generator 5-06/385-387; West Jersey & Sea Shore RR: Electrification & car #6736 12-06/419-427;
Reading RR: Cape May, Delaware Bay & Sewell's Point Ry loco. V33 12-04/424
Washington Union Terminal: Electric lighting of the sta. V39 8-08/177-181

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Ponemagh Mills Co, Tartville, Ct. V33 12-04/417
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Europe: Electric Rys in Europe 9-05/177-186, 187-191; 10-05/306-317
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Hawaii: El. loco. hauling sugar cane pix 1-03/7;
Hungary: 3 phase el. locos 4-04/209-213; El. Rys in Europe 10-05/306-317;
Italy: Electric locos. for mining, plantation, and factory use V33 8-04/91-103; El. Rys in Europe 9-05/177-191; Valtellin Ry 10-05/306-317; El. Ry Naples to Vesuvious 5-06/361-364;
Korea: St. Rys 6-04/361-363;
New Zealand, Dunedin: Trolley Cars in other lands V33 8-04/81-90
Philippines: Manila's St. Ry 9-05/161-171;
Russia: Trolley Cars in other lands V33 8-04/81-90
Switzerland: Berner Oberland Ry car barn and cars V33 7-04/39-40; 3 phase el. locos 4-04/209-213; Jungfrau Ry 10-05/306-307 & 2-05/81-87; Chamonix El. Ry 4-04/242-246;

LOCOMOTIVE BUILDERS
General Electric Co: First large size el. loco 7-15-93/18-19;
C. W. Hunt Co.(Staten Island) storage battery loco. V33 8-04/151-152; 6-03/427-428;
Jeffrey Co (Columbus, O) El. mine locos 9-18-97/175-179 & 11-5-98/251-254'
Westinghouse El. & Mfg. Co: Agreement with Baldwin Loco. Wks to build el. locos 8-17-95/88; Experimental frt. loco #9 6-05/454-456;

LOCOMOTIVES
Storage battery V33 8-04/151-152
Electric locos. for mining, plantation, and factory use V33 8-04/91-103;
Mine locos: Jeffrey Co 9-18-97/175-179 & 11-5-98/251-254;

MISCELLANEOUS:
Snow plows: Ruggles rotary 1-2-97/14; Wakefield & Stoneham Co plow 8-28-97/128-129;
Leo Daft and history of early electric rys 3-05/201-202;
Thomas Edison Menlo Park, NJ lab showing first el. loco and car 1879 3-04/152;

RAILWAYS,
Interurban Ry handling of freight V33 11-04/357-358; Interurban Rys in the U.S. 5-04/319-325;
Single phase electric Rys V33 10-04/262-268 & 11-04/347-352
Electric traction on steam Rys V33 12-04/417-426
Substitution of electric motors for steam locomotives V38 2-07/96-102
Mono-rail: Brott El. Elevated Bicycle Ry 5-26-94/250-252;
Cable: One above the car and one below 11-30-95/299-301;
Electric Rys using conduit: J. E. Parker underground system 12-14-95/326-327; LaBurt El. Ry conduit system (NYC) 8-15-96/462-463;
Johnson Lundell El. Ry system 5-12-94/218-221;

STREET CARS
First pay as you enter cars (Metropolitan Ry, N.Y.C.) V38 11-07/438
Trucks - Peckham 2-6-97/93-94;

ELECTRICIAN AND ELECTRICAL ENGINEER 1884 - 1887
ELECTRICAL ENGINEER 1888 - 1899

This was a monthly turned weekly in January 1890, which like other electrical magazines of the 1880s and 1890s, carried a large amount of information on electrical railways. This was in addition to the coverage given by three street railway journals. As with all the electrical journals they had multi page articles on individual street and interurban railway companies. It did not begin carrying railroad material until 1896-97, and it wasn't until becoming a weekly in 1890 that railway coverage tremendously expanded. The magazine was merged into *Electrical World* early in 1899, both magazines being similar.

If I list a car or locomotive number, it means that there is an illustration of it.

There were many street railway truck designs illustrated and described which I did not index in the early and mid 1890s.

STEAM RAILROADS

Baltimore & Ohio RR: Proposed el. loco. drwg. 2-1-93/117; Electrified 7-10-95/40-45; Power house 8-14-95/157-158; El. loco. performance 11-6-95/458; Results of El. power 1-6-97/8;
Boston & Maine RR: North Station lighting6-694/485-489;
Canadian Pacific Ry: Aylmer Br. operated electrically by lease of Hull El. Co. & loco. #1 10-7-96/337-338
Cumberland Valley RR: Portable electric lighting plant 11-4-91/502-503
Hoboken Shore RR: El. frt. loco. 1-13-98/55-57;
New York & New England RR: Electric Rys. paralleling steam RRs 9-19-94/224-225
New York New Haven & Hartford RR: Electric Rys. paralleling steam RRs 9-19-94/224-225; Nantasket Beach RR line 6-5-95/511, 6-12-95/535; 7-3-95/13-15; Results of Nantasket Beach tests 10-9-95/353; Nantasket Beach 3rd rail operation 7-1-96/14-15; Nantasket Beach RR operation 9-2-96/225; 3rd rail New Britain to Hartford line 5-19-97/534-536;
Terminal RR Assoc. of St. Louis: Considering using el. loco. for trains entering thru tunnel 4-7-97/380-381;
Vandalia Ry Pyle el. headlight 5-22-95/485;

ELECTRIC RAILWAYS, SUBWAYS AND ELEVATED RAILROADS

Akron & Cuyahoga Rapid Transit Ci: Frt. & pass. cars 7-17-95/65;
Akron Bedford & Cleveland RR: 9-15-98/245-247;
Athens St. Ry (Ga.) 12-23-91/684;
Atlantic City St. Ry Sprague El. Ry system 9-89/388-394;
Ballston Terminal RR: no pictures. 10-14-97/345;
Baltimore and Gettysburg El. Ry. proposed 10-17-94/311-312
Baltimore: Last horse car line being discontinued 9-9-96/257;
Beecher Single (Track) Ry. System (Waterport, NY) 1-16-95/51 & 3-13-95/246-247;
Bergen County Tr. Co.: (NJ) System 6-3-96/585-588;
Biddeford & Saco Ry (Me): Power plant 11-23-92/494-498;
Binghamton Lestershire & Union RR: Car #1 & #204 10-14-97/345-348;
Binghamton RR Co. 10-14-97/345-348
Boston St. Ry: R.P.O. mail cars 7-24-95/90 & 10-16-95/372
Boston Subway: 6-12-95/532-534; Opened for west end trolley cars 9-2-97/197-201;
Brocton St. Ry: Sprague el. ry. system 9-89/388-394;
Brooklyn City RR: Power sta. 12-6-93/490-492
Brooklyn Elevated RR: May electrify 3-3-98/227-228;
Brooklyn Heights RR: R.P.O. cars 12-25-95/623; Theatre car "Anphion" & car #4 2-19-96/183; Parlor car for shoppers 11-25-96/546-547;
Buffalo & Lockport Ry: 9-8-98/228-229;
Buffalo & Niagara Falls Ry: Described and car #27 10-2-95/330-331
Buffalo St. Ry: Described and power plant 1-28-91/99-105; Car #53 9-12-91/305;
Burlington & Mount Holly Tr. (NJ): RR opened and car #3 8-14-95/156-157;
California Ry Co: (Alameda to Fruitvaile): Described 2-10-097/164;
Camden Gloucester & Woodbury Ry: Description 1-3-94/6-9
Capital St. Ry (Little Rock, Ark) 8-31-92/203
Cass Ave. & Fair Grounds Ry (St. Louis) 12-27-93/553
Charleston City Ry: Power house and car barn 9-2-97//201-203;
Chester & Media Ry (Pa)_ 5-17-93/481
Chicago & South Side Elevated RR: Electrifies 5-5-98/475-481;
Citizens St., Ry (Muncie, Ind) Power house and Ry 6-28-93/623
Cleveland & Beria St. Ry: Storage battery cars 1-10-94/34
Cleveland & Chagrin Falls El. Ry: 11-11-96/479; 9-22-98/285-286;
Cleveland Berea Elyria & Oberlin Ry: 9-8-98/222-225;
Cleveland City Ry Co: Power house 2-20-095/164-166;
Cleveland El. Ry Co.: Power house 2-20-095./164-166;
Cleveland Painesville & Eastern Ry: 9-8-98/225-227;
Columbia El. Ry. snow sweeper 2-4-91/131
Consolidated Tr. Co: (Jersey City): Sprinkler car 7-17-95/69;
Dayton Tr. Co: Described 7-15-96/56-58;
Denver El. & Cable Ry: Short-Nesmuth El. Ry 4-87/14-148;
Detroit Ypsilanti & Ann Arbor Ry: Opened and car #1 12-22-98/612-613;
Eckington & Soldier's Home RR (Wash. DC) Car #7 11-28-94/434; Thomson-Houston Ry system 5-89/206-213; Wheless El. Ry system of conduit & car #56 9-24-90/325;
Electric Traction Co (Phila.) Conduit system 10-23-95/392-395;
Englewood & Chicago El. St. Ry: Storage battery cars 12-2-96/564-569;
Fairmont Park Trans. Co (Phila.) Described 10-21-96/385-387
Forest Park & Rose Hill St. Ry. (?) (St. Louis):Car #310 10-21-96/390;
Fort Worth El. Ry: 10-22-90/433;
Gloucester & Essex (Mass) RR: Power house 7-24-95/92;
Gloucester St. Ry (Mass)12-9-91/634-635;
Gloversville El. St. Ry (NY): Described 3-28-94/281-282
Highland Park El. Ry (Detroit): Rae el. ry. system 10-15-90/409-412;
Hull El. Co: Leases Canadian Pacific Ry Aylmer Br. 10-7-96/337-338
Inter-Urban Ry Co: 5-29-95/496-497
Intramural Electric Elevated Ry At Chicago World's Fair 9-6-93/221-224;
Jamaica & Brooklyn RR patent infringement of Field's design 11-29-93/474
Johnson Lundell El. Ry. system 5--9-94/414-416; Storage battery car 6-24-96/661-663;
Kentucky & Indiana Bridge Co: Steam and electric Ry operation 9-11-95/251-252;
Lake Roland Elevated Ry (Baltimore) 12-7-92/549-553;
Lehigh Ave. Ry (Phila.): Direct El. Co. storage battery street cars 5-13-91/542-544 & 550;
Lewiston & Youngstown Frontier Ry: 9-23-96/296-297;
Lindell Ry (St.Louis) Double truck car #315 8-26-91/247-248;
Lock Haven (Pa) El. Ry: Described 5-8-95/415-416
Lorain & Cleveland El. Ry: 10-14-97/341-345; 9-15-98/247-250;
Lowell & Suburban Ry (Ct): Power plant 10-12-92/345-348; First 3 phase power use 10-16-95/375-377
Lynchburg St. Ry (Va) Eichenmeyer truck 12-24-90/691-692;
Madison City RR (Wis): Motor car and trailers 8-19--96/191;
Manhattan Elevated RR: Steam operated elevated RRs doomed. 11-21-94/418; Experiments with 3rd rail and storage battery cars 2-12-96/170; Hardie compressed air loco. use (no photo) 6-2-97/585-586;
Mason City & Clear Lake Tr. Co: Air brakes for M. U. train 10-28-97/417-418; Combination car #16 & loco. #4 4-7-98/369-370;
McKeesport & Wilmerding El. REy(Pa): Described 7-18-94/53-54;
McKeesport Duquesne & Wilmerding Ry (Pa): Frt. traffic 7-17-95/65;
Metropolitan Elevated Ry (Chicago) : Described & car #724 2-13-95/138-139; Opened 4-24-95/375-375; First elev. RR built for el. operation 5-22-95/462-463; Described, no pictures 7-29-97/78-80;
Metropolitan St. Ry(NY): 70,000 hp. power sta. 10-7-97/317-319;

Metropolitan Tr. Co (Manhattan): First practical conduit system on Lenox Ave. & car #137-3-95/11-13; Madison Ave. line storage battery cars 8-14-95/158;
Middletown St. Ry (Ct.): Trolley #12 in flood 10-9-95/351
Montreal Park & Island Ry: 10-16-95/369-370;
Montreal St. Ry: Combination car 8-31-92/205; Described 12-26-94/520-523; Power system 10-16-95/373-375
Mount Lowe Ry : Described 2-7-97/109-111
Nantasket Beach West See New York New Haven & Hartford RR
New Haven & White Haven St. Ry: Power plant 2-1-93/111-116;
New London St. Ry. Co : Power house 1-27-97/97-99'
New Orleans & Carrollton RR: : 4-19-93/381-383 & 4-26-93/406-408;
New York & Brooklyn Bridge RR: Electric cars 4-10-95/321-324 & 2-12-96/172 & 11-4-06/462-463 & 12-9-96/600-601; trolley cars considered for the bridge 9-30-97/305;
New York & Harlem Ry: Use of storage battery cars in 1889 & again in 1895 on 4th Ave. & Madison Ave. 11-27-95/513-517;
New York City: proposed subway 1-4-93/1-5
New York Elevated RR: 1887 El. loco. tested 12-9-91/619-622; Storage battery loco. 10-7-96/345, 10-14-96/363-364;
Newton& Boston St. Ry: Power plant 3-29-93/314-315?
Niagara Falls & Lewiston Ry: 9-25-95/307-308; Described 9-23-96/293-294
Niagara Falls Park & River Ry: Full description 8-9-93/121-128; 10-6-98/332-333;
North Avenue Ry (Baltimore)Westrom trolley car #2 3-4-91/269;
North Hudson County Ry: Weehauken trolley lines replaces the elevator and viaduct 7-17-95/67;
North Mount Vernon El. Ry: Described and storage battery cars 9-20-93/255-257
Omaha & Council Bluffs Ry: Thomson-Houston El. Ry. system 5-89/206-213
Oneida St. Ry (NY): Syracuse Storage Battery Co. cars in use 10-25-93/367
Orleans RR (New Orleans): power house 4-1-96/329-332;
Ottawa El. St. RR: Mail car 12-6-93/489
Pasadena & Los Angeles Ry: Combination cars 2-19-96/183;
Philadelphia & Harrisburg El. Ry proposed 10-17-94/311-312
Plymouth & Keystone St. Ry: snow plow 1-2-95/14;
Poughkeepsie & Wappinger Falls El. Ry: described 10-31-94/360-362
Put-In-Bay & Southwestern El. RR (Oh): 5-31-93/28
Reed's Lake El. Ry (Grand Rapids, Mi.) 9-10-90/284-285;
Richmond City Ry: Sprague El. Ry. system 9-89/388-394;
Richmond Tr. Co. (Va) 12-30-96/675-677;
Riverside Park Ry:(Sioux City, Ia) St. ry. opened 7-8-91/31, 33
Rockland Thomaston & London St. Ry (Me) LCL-baggage car #13 3-1-93/212;
Saginaw Union St. Ry (Mi): Rae el. ry. system 10-15-90/409-412
St. Catharines Merrillton & Thorold St. Ry (Ont.): 10-18-93/337-339
St. Louis & East St. Louis El. Ry: Snow plow and track cleaner 10-8-90/388;
St. Louis & Suburban Ry: car 1-11-93/37; Power plant 1--21-96/387-389;
St. Paul & Minneapolis Rys: snow sweeper 2-4-91/131
Santa Barbara El. RR: 11-11-06/478-479;
Scranton Pass. Ry: Sprague El. Ry system 9-89/388-394;
Second Avenue St. Ry (NYC): Storage battery car 11-1-93/387-389
Short El. Ry: private car 10-29-90/494;
Staten Island Midland Ry: St. car line 9-23-96/289-291;
Terre Haute El. Ry.: Editorial on problems with govt. 10-28-97/411;
Third Ave. Ry Co. (NYC): Hardie's compressed air motor car #18 9-9-96/257; Power station 1-5-99/24-25;
Toledo Traction Co: Piggy back service of the Bonner Rail Wagon Co. inaugurated 12-1-98/534; Power plant 1-6-97/1-5;
Toronto & Mimico El. Ry with Rae car motor 11-30-92/528-529;
Toronto El. Ry: street rys 11-21-94/409-412;
Unicycle Elevated RR (St. Louis) Described and car #205 9-9-91/207;
Union El. Ry (Saratoga, NY) & its Pullman double deck cars 9-28-92/297;
Union Ry (NY): Car #4 2-28-94/181
Union Ry (Pa.): 5-17-93/481
Union Tr. Co. (Phila.) Sprinkler car 11-11-96/
Utica Belt Line Ry: Described 6-18-90/479
Washington Alexandria & Mt. Vernon Ry: 12-21-92/602;
West Albany St. Ry: Car #84 pix 10-29-90/488;
West End El. Ry (Boston) Described 1-21-91/448-461; Power plant 3-24--97/309-312; Thomson-Houston El. Ry system 5-89/206-213; Car with Robinson's 6 wheel truck 10-1-90/356-358; Power sta. 10-15-90/407-409;
West End St. Ry (St. Louis) Mail and express car 7-5-93/13

INDUSTRIAL RAILROADS

Anaconda Copper Co: El. mine loco. 2-10-97/165;
Arlington Mills (Lawrence, Mass): El. frt. locos - box cab and open platform 6-23-98/721-722;
Blossburg Coal Co. (Landrus, Pa) el. mine loco. 4-11-94/334
Brock Coal Co., Scranton, Pa. el. ry haulage instead of mules 12-20-93/541
Crozer Coal & Coke Co. (Elkhorn, WV) Baldwin 0-6-0 200 hp. loco. 9-2-96/223;
Gold Sceptre Gold Mine: El. loco. #1 6-2-97/585
Hillside Coal Co Scranton's Erie colliery mine loco. 10-8-90/391-393;
Manufacturers RR (New Haven, Ct) 1-6-97/38-39;
Port Chalmothe El. Ry (La) Serves cotton warehouses, 36" gauge 2-17-97/191-192;
Rock Springs Coal Mine, Wyo. mine Ry., 5-3-93/440-441;
Stevens Coal Co: El. mine loco. of BLW-West. 7-28-98/81;
Taftville Mills (Ct.) 40 ton G.E. el. loco. 10-16-95/375
Youghiogheny River Coal Co: Electric haulage 6-10-96/610-611;

FOREIGN

Australia - Tasmania: Hobart Tramway Co. described 1-30-95/102-104
Austria: Narrow gauge 4 wheel loco. #2 for Dr. Schaup brewery 3-3-98/229-230;
Belgium: Behr monorail el. loco. 8-12--97/139-140;
France: Heilmann steam electric loco. 5-17-93/482; Heilmann loco. tested 3-21-94/252; El. loco. at La Beraudiere 5-1-95/388; Double deck four wheel storage battery car for Paris tram 9-30-97/306-307; Heilmann steam el. loco. 1-20-98/84-85; New Heilmann loco. 12-1-98/533; Mont Dore incline plane 12-29-98/648-649; Paris Lyons & Mediterranean Ry storage battery loco 2-23-99/227-228;
Germany: Barmen El. Rack Ry 6-20-094/531-532;
Great Britain:
Brighton Rottindam Seas Trolley Ry 8-19-96/201
City & South London Ry: El. loco. 11-26-90/585-586;
Isle of Mann Snaefell Mtn. Ry: 10-2-95/331
Liverpool elevated el. ry 2-15-93/165-169; Ry performance first year 8-19-96/201;
Waterloo & City Underground El. Ry. 7-14-98/27-28;
India: Madras El. Ry. 1-6-97/6-8;
Switzerland: Mont Salene El. Rack Ry 8-19-96/199-200; Jungfrau Mtn. Ry: 11-18-96/505-507 & el. loco. 9-23-97/277; Jungfrau Ry 2-24-98/203-2086; Jungfrau power plant 10-20-98/381-382;

CARS

Adam's high speed rail car for Chicago to St. Louis 6-8-92/581
American Air Power Co.: Hardie's compressed air motor car #18 for 3rd Ave. Ry Co. (NYC): 9-9-96/257;
Baldwin electric crane 9-30-91/267;
Canadian General Electric Co: Building st. cars 9-19-94/236
Direct El. Co. storage battery street car 5-13-91/542-544 & 550;
Ford Washburn storage battery car #1 3-23-92/302-303
Intermodal cars for wagons: Carrying wagons on special cars on suburban st. rys 8-18-98/148-151; Bonner Rail Wagon Co. carrying wagons on Toledo Tr. Co. 12-1-98/534;
Kensington Engine Works: Sprinkler car for Union Tr. Co. 11-11-96/483;
Pullman Palace Car Co. Double deck st. cars: 10-28-91493;
Pyott el. st. car built by Harlan & Hollingsworth unique truck design 8-12-97/138;

Reynolds street sweeper 7-8-96/39
River & Rail El. Lt. Co.: Storage battery car used on S. Brooklyn dummy RR 8-6-90/132-136
Short El. Ry Co private care 11-4-91/494
Taunton Loco. Mfg. Co.: El. snow plows 2-7-94/122, 1-2-95/14; snow plows 10-23-95/399

LOCOMOTIVES
Baldwin Sprague design 1000 Hp. loco under construction 10-18-93/339-341
Baldwin Westinghouse: El. loco. 1-27-98/99;
Field's el. loco. "The Judge" 12-9-91/619-622;
General Electric Co: El. mine locos 10-5-92/317; 30 ton el. loco at Chicago World's Fair 7-12-93/37-38; two ton el. loco. 9-5-94/197; 40 ton loco. used at Taftville Mills, Ct. 10-16-95/375;
Thofehrn, Henry, built el. mine loco for Anaconda Copper Co. 2-10-097/165;
Thomson Van Depoele Co. electric mine locos 2-4-91/133
Baldwin - Westinghouse: Loco. for traction line use 2-26-96/205-206; 200 Hp. 0-6-0 mine loco for Crozier Coal & Coke Co., WV. El. mine loco for Stevens Coal Co. 7-28-98/81
Baldwin: Combined crane and switching loco by BLW 10-14-96/363;
Compressed air: Hardie loco. for Manhattan Elev. RR 6-2-97/585-586;
Electric: Weems high speed railway at Laurel Md 3-11-01/308-313; first el. loco. "The Judge" 12-9-91/610-611 or 619-622; 1000 Hp. Sprague design el. loco being built by Baldwin 10-18-93/339-341;
Mining: Thomson Van Depoele electric mine loco. 2-4-91/133; Pruyns mining loco. 12-16-91/615; heavy mining loco picture 2-3-92/117; Sperry coal mining loco. 7-6-92/9; G.E. Co. loco 10-5-92/317
Westinghouse El. & Mfg. co. gearless el. motor street Ry loco. 4-1-91.389-390; See also Baldwin - Westinghouse.
United Motor Co. (Cleveland) self contained st. car for cross town lines invented by Geo. A. Washburn 8-19-96/180

LOCOMOTIVE AND CAR COMPONENTS
Head light: Pyle el. headlight for Vandalia Ry: 5-22-95/485;
Traction increasing system for stream locos: Ries El. Traction Increaser 7-30-90/103-104;
Trucks: McDougall El. Co: street car truck 7-23-90/79-80 & 7-30-90/104; Robinson's radial 6 wheel truck 10-1-90/356-358; Warren S. Belding (Chicago) geared car truck 11-26-90/589; Eickenmeyer direct geared el. st. ry. truck 12-24-90/691-692

MISCELLANEOUS
Chicago World's Fair: Intramural El. Elevated Ry 9-6-93/221-224
Resorts, el. rys serving them 10-16-95/365-368
Weems high speed test railway at Laurel, Md. 3-11-01/308-311;

RAILWAYS
Beecher Single (Track) Ry. System (Waterport, NY) 1-16-95/51 & 3-13-95/246-247;
Dewey's induction el. ry. system 4-20-92/411;
Munsie - Coles Ry: conduit power system 7-17-93/480-481
Rae El. Ry. system 10-15-90/409-412;
Sprague El. Ry system 9-89/388-394; Sprague M. U. system tested 7-29-97/93-94 & 8-5-97/114;
Thomson Houston El. Ry system: 5-89/206-213; El. snow plow & sweeper 10-1-90/365-366
Westinghouse El & Mfg. Co: El. Ry system 10-15-90/419-421;
Wheless El. Ry. system: Electric conduit system 9-24-90/325;
Electric Rys paralleling steam railroad 9-19-94/224-225;
Electric Rys supplanting steam RRS?: Series of articles in first half of 1896. See index of the magazine volume.
Elevated RR: Steam elev. RRs doomed 11-21-94/418; July and August 1897 had a series of articles on using electricity for motive power.
High speed, 120 mph, elevated el. ry. for mail and express service designed by J. H. McGunty of Jersey City Hts, NJ 8-25-98/183;
Intermodal (piggy back) service: Carrying wagons on special cars on suburban st. rys 8-18-98/148-151; Bonner Rail Wagon Co. carrying wagons on Toledo Tr. Co. 12-1-98/534;
Mono rail: Unicycle Elevated RR at St. Louis 9-9-91/207; Priynion mono rail elevated Ry. system, Chicago 12-21-92/601; Boynton Bicycle El. Ry 8-22-94/152-153;
Storage Battery RRs: Editorial 12-2-96/562
Three phase power: first use, Lowell & Suburban Ry 10-16-95/2375-377;

TRACK
Conduit: E. M. Reed electric conduit st. ry. system 2-11-91/159; Bram El. Ry. conduit system 9-28-92/294; Conduit problems 11-14-94/402-404 & 11-21-94/415-417; Electric Magnetic Tr. Co. conduit system 10-23-95/392-394
Wheless conduit system 5-10-093/460-462; Wheless el. system used by Westinghouse El. & Mfg. Co. 7-31-95/107

ELECTRICAL WORLD 1886 - 1899
ELECTRICAL WORLD AND ENGINEER - 1899 - 1900

Although this magazine is still being published, it carried little railroad news after 1910, and most of this was well covered in other magazines. I indexed after 1900 by looking at the index of each volume and checking the articles that had an asterisk to indicate illustrations. Most or all of those not illustrated were news items, and I did not index them. Such information also appeared in other magazines.

The first illustrated electric railway article appeared in the sec-ond half of 1883. The magazine was full of illustrations, and up through 1893 it had many articles on new street railways and Sprague and Thomson Houston Co. It carried little foreign material until 1900. After 1900 many railway articles were not illustrated

Published weekly, two volumes per year. Indexed by issue date / page numbers.

STEAM RAILROADS

Baltimore & Ohio RR: El. loco. 1-5-95/30; New locos. #5 & 6 8-22-03/310-312
Bush Terminal RR: Loco. #10 11-23-07/1016-1017
Central RR of New Jersey: Jersey City sta. lighting 1-24-91/35;
Chicago & North Western RR: New Chicago sta. 7-8-09/85-89
Chicago Milwaukee & St. Paul RR: Light and heat tender car 6-21-90/419-420;
Delaware Lackawanna & Western RR: Telephone service and dispatching 8-10-01/217-218; To electrify suburban lines after grade crossings eliminated 11-19-04/852
Erie RR: Lighting system for ferry boat "John G. McCullough" 4-18-91/287; Single phase Rochester Branch. electrification 10-12-07/719-724
Fitchburg RR: electric transfer table at shops - one of the first in the U.S.) 9-21-89/201 & 11-16-89/322;
Grantd Trunk Ry: St. Clair tunnel 2-24-94/251-252 & 11-14-08/1056-1059;
Great Northern Ry: 3 phase loco. #501 10-31-08/934
Hoboken Shore RR & Warehouse & Steamship Co. el. loco. 1-8-98/75-76; Loco. #3 7-7-10/61
Lehigh Valley RR: Lucius J. Phelps Ry telegraphic system to be tried to and from moving trains 11-13-86/237
Long Island RR: Electrification proposed 11-20/97/607-609; Experimental Rockaway Beach electrification 9-2-99/339-340; Electric transmission system 6-9-06/1183-1187
New York Central: block signals 1-23-92/53; Lighting in Grand Central Sta. 5-5-94/616-617; El. loco. #6000 11-19-04; el. locos. 7-28-06/185;; Power transmission & equipment 10-27-06/799-802;
New York New Haven & Hartford RR: Nantasket Beach branch 7-6-95/22-25; Development of el. tr. 5-15-97/619-620; first A.C. RR system 3-24-06/598-599 &3-31-06/664-665 &4-14-06/786-788; Catenary construction 8-17-07/323-327; El. loco. #01 & 4-14-06/xxx; Cos Cob power sta. 8-31-07/407-412; New Caanan Br. electrification 1-18-08/138-140; 2-B-b-2 frt. loco. 9-23-09/704-705; Tests of frt. loco. #071 6-9-10/1552; Telegraph from moving trains to adjacent telegraph wires by induction testing 2-21-85/? & 3-6-86/103; Induction telegraph 2-21-85/73-74;
Pennsylvania RR: Train lighting with storage batteries 5-10-90/313; Proposal to electrify Philadelphia service 10-16-97/443-448; 15 cycle, 11,000 volt loco. #10,003 for pass. service 7-20-07/117 & 7-13-07/91; Loco. #10,003 forerunner of DD-1 10-26-07/819-820; DD-1 loco. 11-4-09/1084-1085; Penn Sta. opened 9-15-10/602-606; Electrical equipment for West Jersey & Sea Shore RR 11-10-06/911-914
West Jersey & Sea Shore RR: Electrical equipment 11-10-06/911-914

ELECTRIC RAILWAYS

Akron Bedford & Cleveland Ry: 9-5-96/279-181
Akron St. RR: Car #2 4-27-89/245;
Albany & Hudson Ry & Power Co.: 3rd rail line 12-8-00/875-878
Albuquerque Tr. Co. 1200 volt 2-23-07/391-392
Ansonia Birmingham & Derby El. Ry (Ct): 6-30-88
Appleton St. Ry (Wis): 11-6-86/227
Asheville El. Ry. (NC) 3-23-89/175-176;
Atlanta & Edgewood St. RR (Ga) 10-26-89/276
Atlantic City St. Ry 6-29-89/373; car #808 7-2789/55;
Ballston Terminal Ry: El. car "Geo. Westinghouse" and "A. N. Chandler" combo car 5-21-98/629
Baltimore & Hampden St. RR: Car #15 & loco. 2-13-86/69; Loco. Faraday & car 8-7-86/61; El. loco. :Morse" 7-11-85/13 & 9-5-85/100;
Baltimore St. Ry: first commercial st. ry in Am. August 1885 3-5-04/449-450;
Baltimore Union Pass. Ry: El. loco "Morse" 7-11-85/13 & 9-5-85/100
Bangor (Me) St. Ry 7-6-89/10
Bay Ridge El. Ry (Md) & 4 car train photo 11-1-6-89/329;
Benton & Bellefontaine Ry (St. Louis) 2-18-93/119-120;
Beverly & Danvers St. Ry (Mass) storage battery car with roller bearing trucks 10-19-89/267l Car R1 and car barn 11-16-89/321
Boston - Beacon St. ry: car 3-16-89/160;
Boston Elevated RY: Opens and terminal and stations. 6-15-01/1020-1021 & 8-10-01/2130217; Lincoln power sta. 9-20-02/967-968
Boston Subway: Described 9-11-97/295-299; 2-11-99/167-172;
Boynton Bicycle Ry: 4-15-93/277-278;
Broadway Cable RR (N.Y. City) Accident 7-15(?)-93/36
Brooklyn & Coney Island Ry: with car #202 6-7-99/387;
Brooklyn Bridge: street cars and elevateds on 2-13-97/230-231 & 1-23-97/119-124; trolley service 2-5-98/179-180;
Brooklyn Heights Ry: Repair shop10-24-96/494-495;
Brooklyn St. Ry: 6-29-89/373; 2-2-95/126, 128-130;
Buffalo & Lockport Ry: 0-10-98/256-257;
Capital City St. Ry (Montgomery, Ala) Cars 11 & 12 8-14-86/75-76
Capital St. Ry (Little Rock, Ark) Power plant 8-20-92/119;
Capitol Tr. Co. (DC) Open conduit system 12-3-98/707-715;
Carbondale & Jermyn St. Ry (Pa): Car #2 5-12-88/244
Cass Ave. & Fairgrounds Ry (St. Louis): 2-18-93/120-121;
Central Pennsylvania Tr. Co (Harrisburg): power sta. 4-27-07/829-832
Central Ry (Peoria, Il) 12-14-89/383;
Chicago & Milwaukee El. Ry commences operation 8-27-98/207; 3 phase el. ry 4-8-99/431-435
Chicago & St. Louis El. Ry: high speed ry proposed 2-20-92/117-118 & 6-11-92/398-399; Congressional bill for formation 12-24-92/404;
Chicago Alley Elevated Ry: Sprague M.U. cars 8-7-97/155
Citizen's El. St. Ry (Decatur, Il) 12-28-89/416;
Cleveland & Chagrin Falls Ry: storage battery facility 4-27-01/686-688;
Cleveland & Elyria El. Ry: Described 8-29/96/253-254;
Columbus Ry. & Lt. Co (Oh): Columbus interurban rys10-13-06/707-712; El. Ry supt. of Sidney H. Short 5-12-88/241
Concord St. Ry (NH) Car barn and power plant 10-10-91/271;
Dallas Rapid Transit Ry: Steam dummy st. car $#6 replaced by electricity 5-31-90/359
Danville St. Car Co (Va) 12-29-88/340;
Davenport Central Ry (Ia): 3-16-89/160;
Denver Tramway Co: Smith-Nesmuth system 3-26-87/153 & 4-2-87/168-169;
Des Moines El. Ry: Snow sweeper 1-17-91/43;
Des Moines St. Ry: El. car #1 3-9-89/145 or 146; Snow plow 2-13-92/105;
Detroit United Ry: Described 10-4-02/521-529
East Cleveland Horse Ry: Bentley Knight el. cars 8-8-85/57-58
East Cleveland St. Ry: Euclid Ave. car #194 3-9-89/147; First el. st. car in Am. in 1884 3-5-04/439
East Reading (Pa) Ry: st. cars 2-16-89/87;
East Side El. Ry. (Boston) St. car #4 2-16-89/87
Eckington & Soldiers Home Ry (Wash. DC) 1-26-89/46

Elmira - Horseheads Ry 7-4-96/14-18
Englewood & Chicago Ry: Storage battery car tested 2-5-98/184-185
Fort Dodge Des Moines & Southern Ry: Electrical equipment 11-30-07/1046-1048;
Greensburg & Hempfield El. Ry 11-1-90/221;
Hartford & Wethersfield Ry (Ct): 3-1-6-89/160;
Highland Park Ry (Detroit) Fisher El. Ry car "Faraday" 2-4-88/51;
Hull El. Co: 10-14-99/569-571;
Intra Mural Ry (Chicago World's Fiar) 5-6-93/334-338;
Ithaca St. Ry:(NY) 7-18-96/79-81
Kansas City St. Ry. system 10-6-00/513
Kings County Elevated RR: Bankruptcy 9-5-96/281
L. B. L. RR: Electric snow plow 10-24-91/308-309;
Lafayette St. Ry (Ind) Described & car #108 3-9-89/147;
Lancaster & Dumontsville Ry: Interurban ry frt. car 12-31-92/420;
Lansing City Ry (Mich) first Westinghouse El. Ry. system car #12 9-20-90/197;
Lansing St. Johns & St. Louis Ry & electro pneumatic loco of B. J. Arnold 1-2-04/25-32
Lewiston Brunswick & Bath St. Ry. 3-4-99/255-258;
Lima St. Ry:(Ohio) early el. st. car #3 & 6 7-8-93/25
Lindell El. Ry: 2-18-93/119-120;
Los Angeles El. St. Ry: first st. Ry car #1 12-4-86/269; 4-9-87/177;
Lynn & Boston Ry: Car #213 & RR profile 12-8-88/303
Madison City Ry: (Wis) Street car with 5 trailers 8-22-96/234
Manhattan Beach Ry: Safety for 3rd rail 4-22/90/522-523
Manhattan Elevated RR: 3rd Ave. line el. loco. 10-10-96/430-431; Use of electricity on the RR and former steam locos #212, 215 & Spuyten Duvyel. 3-6-97/318-320; Power sta. 1-11-02/76-78; 2nd Ave,. elevated described 1-18-02/117-119; substation 1-3-03/27-31; Gasoline el. car for 2nd Ave. RR #1 11-4-09/1085
Mason City & Clear Lake RR: Loco. #4 and combination car #16 10-16-97/465
Meriden El. Ry (Ct) & car #21 9-8-88/115;
Metropolitan Ry (NY?): 11-16-95/541-542; proposed subway 4-8-99/442
Metropolitan St. Ry: (Kan City) described 10-6-00/513;
Milford Attleboro & Woonsocket St. Ry 3-17-00/394-396 or 304-306;
Milwaukee St. Ry Co: Car barn 10-14-93/288 & 10-21-93/309-312;
Minneapolis Lyndale & Minnetonka Ry: El. loco. & Cars 8-14-86/76-76;
Montgomery El. Ry (Ala): 4-30-87/201;
Montreal St. Ry: 10-19-95/425-426
Mount Clemons Fast Line (Mich) interurban car "Wawyaghtenok" 3-6-97/34
Naumkeag St. Ry (Salem, Mass) Car 3-9-89/147;
Neversink Mountain Ry (Pa): Tested 5-28-92/363-364 & 6-4-92/379-381 & 6-11-02/395-396 & 6-18-92/xx & 6-25-92/xx & 7-2-92/xx & 7-23/55-56 & 7-30-92/73-74; & 7-9-92/21
New York & Brooklyn Bridge RR: Electrification 11-7-96/574-575;
New York & Harlem Ry: Julien storage battery cars - Madison & 4th Ave. line 8-24-89/124 & 134; Storage battery system Madison & 4th Ave. 11-30/95/589-590;
New York & Queens County El. Ry 8-1-96/138-139
New York City: Reno subway system proposed 2-14-91/199-200; Munsie-Coles subway system for N.Y. 4-18-91/289
New York Elevated RR: See also 9th Ave. Ry. Daft el. loco "Benj. Franklin" on 9th Ave. RR 14th St to 55th St 9-5-85/99-100; Stephen D. Field's el. loco. tested on 34th Stg. Elev. Ry 11-6-86/? & 10-29-87/229;
New York Suburban RR: Field El. loco. (looks like a 4-4-0 insp. loco. 11-6-86/223-225;
Newport St. Ry (RI): Opened 11-2-89/297
Niagara Falls & Lewiston Ry: 6-5-97/725-729
Ninth Ave. Elevated Ry (NYC): Daft el. loco. tested 8-13-87/81;
North & East River Ry: Bentley Knight car 1-1-87/5-6
North Hudson County Ry: Described 10-24-96/496-407; First elevated electric Ry, Hoboken to Jersey City Heights 5-2-8-92/365;
Observatory Hill Pass. Ry (Allegheny City, Pa.) Bentley Knight system 2-18-88/75-76; car #4 2-25-88/92;
Oley Valley Ry: Described & power house 11-1-02/694-695;
Omaha & Council Bluffs El. Ry. 1-26-89/45
Omaha Motor Ry: & car #9 11-16-89/329;
Ottawa El. Ry:(Il.) First in Illinois 11-30-89/354
Ottawa El. Ry (Ont.): Royal visit of Dutchess of Cornwall & York 10-5-01/553
Ottawa St. Ry. car decorated for Santa Claus 1-9-97/73;
Peoples Traction Co (Phila)10-3-96/385-389
Philadelphia Tr. Co: storage battery car for Darby branch 5-11-89/271
Pittsburgh Knoxville & St. Clair St. Ry (Pa): Daft system, loco #5 and car #5 2-25-88/89; Loco. #5 and cars #3 & 4 9-29-88/171-172;
Pittsfield (Mass) St. Ry 7-25-96/106-107
Plymouth & Kingston St. Ry (Mass) Open cars 8-10-89/89
Revere Beach Ry (Mass)L Open car #501 8-11-88/67
Richmond City Ry (Va): Described & cars #21, 28, 30 7-21-88/1-8;
Riverside Park El. Ry. (Sioux City, Ia) opened 6-27-91/483 & 7-18-91/43;
Rochester & Irondequoit Park Ry 8-15/200;
Rochester City & Brighton St. Ry (NY) 9-7-89/67;
Rochester Ry: Car #119 12-20-90/433 & 12-27-90/449-450;
Rock Creek El. Ry (Wash.DC) 1-14-93/23-26, 28;
Ross Park El. St. Ry (Spokane Falls, Wash) 5-10-90/315;
Saint Catherines St. Ry: Van Depoel El. Ry system 1-7-88/3
Saint Louis & Suburban Ry: Described and car 2-11-93/99-101;
San Jose & Santa Clara Ry (Jan Jose, Cal): 11-24-88/275 & 12-22-88/327; 6-7-90/387;
Saratoga Mt. McGregor & Lake George Ry: Daft loco "Ampere" 1-10-85/13, 14;
Scioto Valley Tr. Co. 10-13-06/707-7712
Scranton Suburban Ry: To open by 10-1-86, no pix 8-14-86/76; 11-11-86/281; 12-18-86/293; 12-25-86/305 car #4;
Sea Shore El. Ry (Asbury Park, NJ): Daft system 11-19-87/267;
South Orange & Maplewood Ry: Described 10-24-96/497;
South Side Elevated Ry (Chicago): Sprague M. U. cars 8-7-97/155
Spokane Inland Ry 8-25-06/373-374
Steubenville St. Ry (Oh) picture 3-23-89/175-176
Suburban & Bellefontaine Ry (St. Louis) 2-18-93/120
Suburban Rapid Transit Ry (Pittsburgh) 4-20-89/229
Suspension Transportation Co (Boston): Mono rail with 2 cables one above other, el. Ry 6-26-86/293-295; Chandler system 9-4-86/113;
Syracuse St. Ry: 8-8-96/170-171
Third Ward St. Ry (Syracuse) 3-23-89/174. Photo scene.
Toledo St. Ry: Gearless st. car #181 with Eichemeyer motor 2-13-92/105;
Topeka Rapid Transit El. Ry: power house 5-25-89/296;
Toronto El. Ry: 8-14-86/75;
Union El. Ry (Pittsburgh) On Ridge Ave. 10-30-86/211-212; 11-27-86/257
Union Pass. Ry (Richmond, Va): Car #30 6-16-88/306;
Union Ry Co (New York City): First electric trolley road in N.Y. being built in Harlem 8-20-92/115 * 10-1-92/207; Car #61 4-1-93/252;
Union Tr. Co (Phila.) 10-3-96/385-389; Sprinkler Car by Kensington Engine Wks 11-14-96/610
Utica Belt Line St. Ry: 6-21-98/421;
Visalia El. Ry: 15 cycle single phase 1-13-10/124-125
Walnut Hills El. Line (Cincinnati) Daft double pole trolley and car #39 5-25-89/295-296
Washington Baltimore & Annapolis Ry: Described 2-15-08/335-338
Washington Tr. & El. Co: Suburban line to Rockville, Md. 10-6-00/532-533;
Watervliet & Turnpike RR (Albany, NY) & car #44 10-19-89/267;
West End St. Ry (Cambridge, Mass) Ry completed 3-9-89/145& 146; 4-6-89/204; snow broom car 4-13-89/220; Bentley Knight equipment 6-29-89/374; using Wm. Robinsons 6 wheel. radial st. car 10-4-90/246; power plant 10-18-90/281; 2000 hp engine 10-24-91/306; Annual report 8-20-92/121 & 9-3-92/149; Described & car #424 12020-88/341-342;
West Side Ry: (Elmira NY) 7-4-96/14-18
Wichita St. Ry (Ks): Car on trestle picture 3-9-89/145 or 146
Wilkes Barre & Hazleton Ry: 3-7-03/389-391

Wilkes Barre & Suburban RR (Pa) 3-23-89/175
Wilmington City Ry: St. car 2-16-89/87;
Windsor El. Ry (Ont) 10-2-86/163;
Windsor Essex & Lake Shore Rapid Ry (Ont.): Single phase power 1-11-08/97-100
Wyatt Park Co (St. Joseph, Mo) Car #5 3-30-89/188

INDUSTRIAL RAILROADS
Arlington Mills (Lawrence, Mass) 2 el. locos 6-25-98
Blossburg Coal Co, Landrus, Pa. El. mine loco. & ry. 4-14-94/511;
Brock Coal Co (Brockwayville, Pa) el. mine ry & loco. 12-16-93/466-467;
East Boston Sugar Refining Co: Private el. ry 7-23-87/44
Hillside Coal Co. (Scranton) Thomson Houston el. loco. 10-12-89/251; el. loco of Thomson Houston Co. 11-14-91/371;
Lonsdale Co cotton mills of Lonsdale, R.I. el. frt. care and loco. 6-20-91/461;
Lykens Valley Coal Co. 10-22-87/216-218; Mine Ry loco. "Pioneer" First mine Ry? 6-16-88/303
Manufacturer's RR (New Haven, Ct.) Loco. #1 1-9-97/75;
Massachusetts Cotton Mills (Lowell, Mass) 20 ton four wheel storage battery loco. 5-16-03/844
Pennsylvania Coal Co., Lykens, Pa.: early mine loco of 7-1887, 12-19-91/448-449;
Salmon Falls Mills (NH) El. RR to transport around the mill 2-8-90/95;
Washington Mills (Lawrence, Mass) el. tramway 3-29-90/223;
Westinghouse Air Brake Co: Factory ry 8-30-02/342
Westinghouse El. & Machinery Co. plant ry 8-30-02/342
White Knob Copper Co: Double truck el. loco "Jack" built by Westinghouse 12-20-02/1013

FOREIGN
Austria: Vienna el. rys 7-5-84/1-2
Australia: Sydney tramway system 12-6-02/889-893; Electric tram at Sydney 8-29-03/307-330;
Belgium: Julen El. Co. sky car 11-20-86/245;
Brazil: Para El. Ry & Lt. Co: car #630 3-11-09/631-632
Cuba: Havana Central Ry. frt. operations 4-15-09/911-912;
Eqypt State RR 12-3-98/716-717
France: High speed el. loco. designed to replace steam 8-6-92/86; Heilmann el. loco 3-31-94/429-430 & 10-24-96/485-488 & 1-2-97/32; French Ry from St. Georges de Comniers to La Mure with loco. 11-21-03/832-833; Paris tramways 11-26-04/893-897; Paris Lyon & Mediterranean Ry: Rectifier for AC to DC 1-12-07/103-104
Germany (or Switzerland) Sissach- Gelterkinden El. St. Ry: 11-7-91/347-349; Hanover st. rys 10-14-99/572-573;Suspended rail system over Wupper River at Barman 3-31-00/474 & 11-3-00/685-686; High speed Ry Allgemeine Elertricitats Geseellschaft, Berlin 9-14-01/424-427 & 9-21-01/457-460; Zossen polyphase 125 mph ry 9-7-01/367-372 & 10-5-01/536-538 & 10-12-01/589-590 & 10-19-01/644-645 & 10-26-01/678-680 & 11-2-01/xxx-xxx & 11-9-01/777-778; Berlin opening elevated & subway 3-1-02/371-373 & 5-10-02/805-807; European polyphase el. trains 5-31-02 & 6-7-02/1001-1005; Zossen new high speed cars 11-28-03/869-870 & 12-5-03/912; Hamburg - Altonas Suburban Ry interurban single phase 11-18-09/1225-1229; Hamburg El. St. Ry storage battery car 8-21-86/85;
Great Britain: Walker Manville el. tram at Edinborough Exposition 11-22-90/367
El. st. cars 6-30-83/403-404
El. Loco. & Power Co (London) Elieson's el. train 12-26-85/261;
Blackpool El. Tramway & double deck cars 2-27-86/91;
Brighton El. Ry of M. Volk 6-26-86/297
Central London new equipment 12-5-03/936
City & South London el. loco. 11-29-90/385-386; Hartlepool El. Ry 7-11-96/46-47;
Great Northern & City Ry, London 3-5-04/474-476;
Heysham Morcambe & Lancaster Ry electrified 7-11-08/82-85
Huddersford steam tram and new trolley 4-20-01/630;
Isle of Mann el. rys. 10-24-96/490-493;
Underground El. Ry Co: London 3-11-05/478-481;
Waterloo & Baker St. Underground and Tweedale & Smalley Co. of Castleton (?) 1-4-02/40-41
Hungary: Budepest el. tramways 10-24-91/304-306; Budapest underground ry 10-24-96/481-482; 3 phase Ry at Budapest 3-16-01/433-435
Ireland: El Rys: 5-24-84/165;
Italy: European polyphase el. trains 5-31-02 & 6-7-02/1001-1005; Trolley line to Mt. Vescuvius 5-7-04/869-870; Padova - Fusin interurban ry 12-9-09/1412-1414; Italian State Ry electrifying Giovo line & loco. #0501 8-11-10/326-329 & 10-13-10/862-864;
Switzerland: Zurick-Hirslanden El. Ry. 6-30-94/859-862; Jungfrau el. ry. 10-15-98/386-389; Jungfrau Ry 5-12-00/693-698; European polyphase el. trains 5-31-02 & 6-7-02/1001-1005; El. ry from Palezieux to Chatel St. Denis 11-21-03/845; Simplon tunnel 3 phase locos 10-27-06/802-805; Seebach - Wettingen line single phase 8-8-08/290-292; Ward Leonard designed el. locos (not Switzerland??) 3-5-04/468-471

BIOGRAPHY
Leo Daft, 3-30-89/184
Robert Davidson, first el. loco. inventor, the "Galvani" 6-20-91/454;
Edwin J. Houston (Thomson Houston Co.) 9-13-90/180;
Frank T. Sprague 9-7-89/163
Charles T. Yerkes, obit. El. ry builder and financier 1-6-06/88;

CARS
Double truck cars: Westinghouse-Pullman el. car (one of the first or first) 10-25-90/294;
Piggy back cars : Bonner Rail Wagon Co. 7-16-98/66
Snow plows: Sprague el. snow plow 2-15-90/112; Thomson Houston plow and sweeper cars 10-4-90/248;
Sprinkler cars: United Tramway Sprinkler Co. (Albany NY): new car 9-24-92/2197;
Storage battery cars: Friction Electric Co. 6 wheel car 2-23-89/103; Electric Dynamic Co (Edco) cares on Phila. Tr. Co. ;5-11-89/271; Julien cars on N.Y. & Harlem Ry 8-24-89/124 & 134
Weems high speed car 3-14-91/207-210;

CAR & LOCOMOTIVE BUILDERS
American Air Power Co (Hardie system): Compressed air locos & Ry system 8-1-96/139-14x'
Baldwin - Westinghouse: El. loco 3-7-96/264-265 & 6-27-96/784;
Daft: Loco. "Ampere" 1-10-85/13, 14; Loco. "Ben Franklin" 12-1-88/286 & 12-22-88/325;
Edison General Electric Co. See General Electric Co.
Electric Storage Co (Baltimore) Storage battery car 5-15-86/225-226
Field (Stephen)El. Loco. 4-4-0 11-6-86/223-225 & 10-29-87/229; El. street car 3-19-87/142
Friction Electric Co. 6 wheel, storage battery car 2-23-89/103;
General Electric Co: Acquires Sprague Co. 12-19-91/449; mining loco. 12-17-92/398; 30 ton el. loco. 7-15-93/51-52; 40 ton el. loco. 9-8-94/243-244
Hall, Thomas (Boston) El. loco of 1850 12-20-84/? & 1-10-85/16
Hardie's compressed air system loco. 8-1-96/139-14x;
Henry, John C. (Kansas City): El.loco. 8-21-86/89
Hunt, C. W. Mfg. Co. storage battery locos 11-3-00/702; industrial factory el. locos & rys for Westinghouse companies
Jeffrey Mfg. Co. el. mine locos. 9-20-90/198-200; mining locos 12-19-91/448-449; mining loco. 12-15-94/629;
Julien storage battery cars 8-21-89/124 & 134
Mac Quersten st. car 6-14-90/402;
Pullman center entrance double deck st. car 10-31-91/332;
Robertson, Wm. : 6 wheel radial st. car 10-4-90/246'
Schlesinger Co: mining loco of 1887 12-19-91/448-449;
Sprague Co: Building many el. locos designed by I. E. Story 1-4-90/3-6 & 2-1-90/77; Acquired by Edison General Electric Co. 12-19-91/449

Stephenson Co vestibule st. car 2-15-90/111
Thomson Houston Co: El. loco. for Hillside Coal Co. 10-12-89/251; mining locos. 1-4-90/12; New loco. pulls 6 std frt. cars 12-5-91/415;
Thomson Van Depoele Co: el. mine loco. 2-7-91/99'; el. loco. at Hillside, Pa. 12-19-91/448-449
Wenstrom el. loco. 10-25-90/293-294
Westinghouse - Pullman double truck cars 10-25-90/294; Experimental 135 ton frt. el. loco. A.C. , 1350 hp . 6-3-05/1045-1047;

CAR & LOCOMOTIVE COMPONENTS
Trucks: storage battery car trucks with roller bearings 10-19-89/267; Short El. Ry system trucks 11-2-89/291; Peckham st. car el. truck 1-4-90/2; Tripp Mfg. Co. roller bearings for st. car trucks 1-25-90/55; Many st. car trucks described in 1890-1891 which I did not index. See index of each volume.. Peckham st. car trucks 10-18-90/278; Tripp truck 10-18-90/282; Brill truck for double truck cars 11-8-90/341; Baxtem El. Motor Co. trucks 1-3-91/3 & 1-17-91/41; J. S. Henry el. ry. truck 1-17-91/37; Goss trucks 8-15-91/109; Felton Fdry Co. trucks 11-14-91/371; Western El. Co (Chicago) gearless el. motor truck 11-21-91/381; Tripp roller bearing truck 12-12-91/438; new Brill truck 1-30-92/77; Sperry El. Ry. Co truck 10-22-99/259; Peckham truck 10-22-99/264 & 401093/252; Jones & Rogers geared el. st. ry car truck 11-10-88/253; Union Electric Car Co: trucks with roller bearings 10-19-89/267
Headlights: el. loco. 9-27-90/220-221;
Safety fenders: st. car fenders 11-28-91/405

LOCOMOTIVES
See also locomotive builders above.
Mining locos. Thomson Houston el. loco. 10-12-89/251; mining locos 1-4-90/12; mine loco. progress, Schlesinger system 9-20-090/198-200; Thomson Van Depoele el. mining loco. 2-7-91/99; History of mining locos 12-19-91/448-449; 8 wheel mining loco 6-25-92/439 & 441; El. "gathering" loco with cable reel. 7-15-09/165-166; First (?) mine Ry - Lykens Valley Coal Co (Pa) loco. "Pioneer" 6-16-88/303;
First electric locomotive (Davidson - Galvani 1842 batteries) 10-18-90/276-277; first by electric wire, "The Judge" 1883 History at Exposition of Ry. Appliances. 3-5-04/451; Loco. of 1850 of Thomas Hall 12-20-84/? & 1-10-85/16; "The Judge" loco 6-7-84/181 & 8-4-83/483-485 or 8-25-83/533 or 9-8-83/21;
Electric loco.: Thomson Houston el. frt. loco. pulls 6 standard frt. cars 12-5-91/415; 135 ton 1350 hp el. frt. loco by Westinghouse 6-3-05/1045-1047; experiments with side rod el. locos built by Alco and Gen. El. Co. 4-6-2 wheel arrangement 5-6-09/1070-1071; 670 hp 0-6-0 built by Rhode Island Loco. Wks for Bentley Knight 6-19-86/282; Stephen D. Field loco. 11-6-86/223-225 & 10-29/87/229
Storage battery locos: 10-25-02/674-675; 3-31-10/809-812; 5-15-86/225-226;Loco. of 1850 12-20-84/? & 1-10-85/16
Magnetic traction increaser for locos 6-27-03/1102-1103
Bipolar motor construction for locos. developed by A. F. Batchelder. 9-28-07/597

RAILWAYS
Edison electric rys of 1880 & 1882;
Electric Rys - early: Geo. F. Green ideas in 1875 1-9-92/21; Complete discussion of electric rys in 9 parts: Portrush 5-17-84/157-158; Ireland 5-24-84/165; Edison & "The Judge" el. loco 6-7-84/181; 6-28-84/205-206; 7-5-84/1-2; 8-16-84/49-52; 1-10-85/13; 1-17-85/23; 2-14-85/63
Elevated RRs: Riley elevated electric Ry system 3-16-89/162-163; Daft experiments on N. Y. Elev,. RR 3-23-89/172 First electrically operated elevated RR - North Hudson RR (NJ) 5-28-92/365; Enos El. Ry Co. elevated Ry, cars hund 5-7-87/214
Enos El. Ry Co. elevated Ry, cars hund 5-7-87/214
First electric st. ry: Cleveland 1884 3-5-04/439; Baltimore Aug. 1885 3-5-04/449-450
Haiss El. Ry system car #1 10-27-88/227
Johnson Lundell electric ry. system 5-12-94/651-653
Mono rail: Electric mono rail for mining and mill purposes 1-4-90/8; elevated ry system of Unicycle El. Elev. RR Co. of St. Louis 9-13-90/186; Sprague suspended mono rail (upper & lower rails) and car, Telpherage line 8-11-88/66
Sprague electric rys in operation 3-9-89/147; (During 1889 and 1890 many items on this company and street rys using its system.) 1 & 2 car trains 9-25-86/151-155; Sprague El. Ry & Motor Co: suspended mono rail (upper & lower rails) and car, Telpherage line 8-11-88/66; New st. car 10-27-88/225; st. car truck 12-1-88/287;
Storage Battery system: Soley & Perken storage battery system 3-11-93/193;
Street Rys: Comparative costs of storage batteries and horses 6-7-90/394;
Subways: F. N. Blanc system 3-22-90/209; Reno system for New York City 2-14-91/199-200; Munsie-Coles system for N.Y. 4-18-91/289;
Tepherage elevated ry system using cables to ride on 5-10-84/149-150;
Thomson Houston electric rys in operation 3-9-89/145-146. (During 1889 and 1890 many items on this company and street rys using its system.); Electric RR at factory 6-8-89/328;
Wenstrom el. ry. system and loco. 10-25-90/293-294;
Westinghouse El. Ry. system - first - Lansing City Ry. Co. 9-20-90/197;
Wheless el. ry. system 11-16-89/326;

TRACK AND POWER TRANSMISSION AND SIGNALS
Hall Ry. Signal Co. exhibition 11-7-91/347
Reed underground trolley system (fore runner of conduit) 7-26-90/55;
Conduit: Mack Dewey's closed conduit system 4-23-92/278;

MISCELLANEOUS
Telegraph: Induction telegraph on moving trains on NYNH&H RR 2-21-85/73-74; Phelps & Edison telegraphing by static induction on adjacent wires 3-6-86/103; Lucius J. Phelps induction telegraph on V.Y.RR tested on 100 miles to and from moving trains 11-143-86/237;
Bonner Rail Wagon Co. (First piggy back service.) 7-16-98/66
Boynton Bicycle RR: 4-15-93/277-278;
Brooklyn Tube Co: U. S. mail service 9-1-94/207-208
Chicago Exposition: Loco. "The Judge" 8-4-83/483-485 & 8-25-83/533 & 9-8-83/21;
Chicago World's Fair - Intra Mural Ry 5-6-93/334-338;
St. Louis Exposition el.ry. 6-9-04/1081-1082

ENGINEER (London) 1866 - 1882

Although published in England, this eminent magazine included information and illustrations from the United States, but the railroad material was meagre. This magazine can be found in many university and large city libra-ries. I indexed about half the years 1866-1882 and found little of interest. What it had were reprints of U. S. published mater-ial or else subjects far better covered in U. S. journals. It began publication in 1855 and continues today.

Clay Street Hill RR (San Francisco) Cable 10-10-79/269-270;
Metropolitan Elevated Rys of N. Y. City: Loco. 2-4-2 11-8-78/333;
Pennsylvania RR: #10 4-4-0 2-3-82/78, 80 & 2-10-82/102;
Philadelphia & Reading: #507 4-2-2 6-4-80/409, 412; #411 2-4-81/84;
Wabash Kansas City & Pacific RR: St. Charles, Mo. bridge disaster 2-17-82/119-120;

North Missouri RR: St. Charles River bridge disaster 2-17-82/119-120;

Grant Locomotive Works: Loco. "America" at Paris Expo 8-16-67/137 + insert
Fontaine locomotive 1-13-82/33
Hardie elevated RR loco. 5-19-82/358

ENGINEERING (London) 1866 - 1886

This magazine was begun by Zerah Colburn in 1866. He had emigrated to England. Prior to that he had published the *Railroad Advocate* in America and previously had been a locomotive designer. While *Engineering* was devoted to all forms of engineering, it particularly covered the railroads throughout the world. It had numerous drawings of locomotives, cars and bridges. After Colburn died in 1870 the railroad emphasis continued. I indexed only North American items and stopped indexing after 1886 because I believe what was included after that date also appeared in U. S. publications. The magazine had photographs about five years before U. S. magazines, 1883. With few exceptions I only indexed illustrated articles. This magazine should have all its illustrated railroad articles of the world indexed because most countries are included. I usually show the date of issue, but in 1879 indicate only the 2nd half, 2H-79/page number.

UNITED STATES & CANADIAN STEAM RAILROADS

Atchison Topeka & Santa Fe: 2-8-0 by Baldwin 9-3-80/188-189, 196

Baltimore & Potomac: Baltimore sta. 3-2-77/160 pix;

Buffalo & Lake Huron Ry: history 2H-79/192

Canada Southern Ry: Kettle Creek bridge at St. Thomas, Ont. 12-6-72/388, 390, 392;

Canadian Pacific Ry: History and description including subsidiaries 1st H-84/many articles but not illustrated; 2H-81/536; Frazier River bridge 9-5-84/226, 219 + insert. Many other articles during 1884 on the bridge but without pictures. 4-4-0 built by CPR 10-1-86/346, 355+ insert

Central Pacific Ry: Drwgs of construction 8-2-67/80, 88-89 insert; Construction 4-2-69/225-226, 228; double bogie 0-6-6-0 7-16-69/35; #236 2-6-2 8-18-82/155; Car ferry Benecia to Port Costa 7-6-83/16-17, 19;

Central RR of New Jersey: 4-4-0 by Baldwin 8-4-76/98-99, 104 + insert; #169 4-4-0 1-27-82/84-86;

Chicago & North Western RR: #249 4-4-0 "J. B. Turner" built by C&NW 11-20-68/insert;

Chicago Burlington % Quincy RR: Quincy, Il bridge 7-15-70/38;

Chicago Rock Island & Pacific RR: Chicago sta. at Sherman & Can Buren 2-5-69/87;

Cobourg Petersburg & Marmora Ry: History 1H-80/21

Credit Valley RR: Trestle over Credit Creek 7-30-80/86, 92 & 8-20-80/154-155 + insert;

Delaware Lackawanna & Western RR: Bell's bridge near Stroudsburg 5-31-72/366 + insert;

Delaware Susquehanna & Schuylkill RR: Drifton coal breaker 2-22-84/164 + insert & 4-11-84/311-312 + insert;

Denver & Rio Grande RR: Fairlee double bogie loco. 8-2-1-74/insert; box car #2001, 24' 12-22-71/414-416;

Erie RR: 2-6-0 5-11-66/308, 312-313; Genesee River bridge at Portage NY 5-12-76/381-385 + insert;

Erie & Ontario Ry: History 1H-80/61

European & North American Ry: History 1H-79/228

Glasgow & Cape Breton Ry: Fairlie double bogie loco 8-21-74/insert

Grand Trunk Ry: History 1H-770, 288, 338, 4522H-79/45, 84, 102, 181; St. Lawrence River bridge near Quebec proposed 4-3-85/336-338 + insert; 4-4-0 build by Hyde Park Loco. Wks 3-20-68/239 + insert; Snow plow 4-1-70/211 & 2-26-75/155 insert;

Great Western Ry of Canada: Bridge over Niagara River 7-13-66/25-27; History 1H-80/141, 237, 316, 391, 428, 487; Ry ferry terminal and boat for Detroit River 4-19-67/386-387; Pullman sleeper "Viceroy" 6-12-68/569, 571; Detroit River tunnel proposed 5-20-70/349; Train signal mirrors 5-21-75/432; Niagara river suspension bridge rebuilt 8-5-81/129-130 + insert;

Hudson River Tunnel: 12-15-82/565-566;

Illinois & St. Louis Bridge Co (Eads bridge): Authorized 7-24-68/75, 82; 8-21-68/175-178; 8-7-68/121-122; 8-14-68/151-153; 8-21-68/175-178; 9-4-68/208; 9-25-68/279, 285; 10-16-68/344+insert; 1-2-7-71/73, 77-82 + insert; 7-14-71/25, 26; 1-5-72/6-7 no pix; Erection 10-4-72/245;

Intercolonial Ry: Chaudiere Bridge over Ottawa River 4-15-821/374-376; St. Johns River bridge at St. Johns, N.B. 9-10-86/264 & 9-24-86/318, 327-328 + insert;

Jeffersonville & Indianapolis Ry: Louisville bridge over Ohio River 5-22-68/504-505;

Jeffersonville Madison & Indianpolis RR: Loco. "Reuban Wells" 1-29-69/71 & 2-12-69/105, 106, 108; Ohio River bridge 7-7-71/2 + insert;

Kansas & Cameron RR: Bridge over Mo. River at Kansas City 12-3-69/370, 363-364 & 12-10-69/388-389, 394-395;

Lehigh Valley RR: 2-8-0 8-27-69/146; Musconetcong Tunnel, NJ, 10-27-76/370-372 & 11-10-76/416-417 & 2H-76/129, 194, 351 no pix. Loco. "Champion" 4-8-0 6-16-82/602 + insert; 4-4-2 Strong loco. 3-2-83/194-196;

Levis & Kennebec Ry: Wooden Ry 6-14-72/399 no pix;

Louisville & Nashville RR: Louisville bridge over Ohio River 5-22-68/504-505 & 7-7-71/2 + insert; ;

Michigan Central RR: Ry ferry terminal and boat for Detroit River 4-19-67/386-387;

Michigan Southern & Northern Indiana RR: Chicago sta. at Sherman & Van Buren 2-5-69/87;

Midland Ry of Canada: History 2H-79/481

Montreal Ottawa & Western RR: Proposed St. Lawrence Royal Albert bridge 3-31-76/249, 256;

Mount Washington Ry: 12-24-69/420, 423;

New Brunswick & Canada Ry; History 1H-79/188;

New York Central & Hudson River RR: Albany bridge over Hudson River 7-5-72/4, 6 + insert; Box car 30' 5-26-76/444-446; 34' cattle car 6-30-82/654 + insert; 34' gond. 8-11-82/136 + insert; Niagara Falls cantilever bridge 3-5-86/224-226 & 3-12-86/246-247 + insert & 4-2-86/324-326; Class A 4-4-0 5-28-86/524, 526;

New York Lake Erie & Western RR: Kinzua viaduct 12-22-82/596 + insert;

North Missouri RR: Bridge over Mo. River at Kansas City 12-3-69/370, 363-364 & 12-10-69/388-389, 394-395; St. Charles, Mo bridge 8-4-71/72, 74;

Northern Central RR: Canton, Md. grain elevator 12-22-76/519, 524 + insert & 12-29-76/542;

Northern Pacific RR: Mo. River bridge at Bismarck, ND 1-11-84/29, 34, 39;

Northern Ry of Canada: History 2H-79/389

Pennsylvania RR (also called Pennsylvania Central RR): Car trucks 6-19-68/585; 4-6-0 3-5-69/156; 30th St. Phila. bridge over st. 7-22-70/69-70; Juniata River bridge at Mt. Union 9-22-71/190 + insert; Little Juniata River bridge at ? 11-17-71/322 + insert; Monongahela bridge, Pitts., 4-17-74/278, 273 + insert; Bryn Mawr sta. 8-21-74/142, 144; Pass. car, box, cattle, gond, drop bottom coal 2-26-75/155 + insert; Class A&C loco. boilers 2-26-75/156-157; Susquehanna River bridge at Columbia 11-26-80/490-491 + insert; #10 4-4-0 12-2-81/552-553 + insert & 12-16-81/595-597 details; 2-8-0 at Phila.Expo 6-23-76/540 drwg & 11-10-76/400-401 + insert; Steam driven Altoona turntable 7-13-83/42, 45 (first non hand turntable?;

Description & history of the RR by J. Dredge - much of this probably used in his history of the Pa. RR. : 1-19-77/41-43 & 1-26-77/76-79 & 1-12-77/? & 1-5-77/? & 2-2-77/85-88 & 2-9-77/103-105 & Phila. & Erie described 2-16-77/133-134 & signal towers & lamps 2-23-77/142-146 + insert & Jersey City sta. 3-2-77/160-162 & West Phila. Sta. 3-9-77/184-185, 186-187 & bridges 3-16-77/204-205 & bridges 3-23-77/221-222, Trenton bridge 224 & Morrisville bridge 3-30-77/242-244 & Belmont Ave, Phila. bridge 4-6-77/262-264 & West Phila roundhouse 4-13-77/279-281 + insert & Altoona shop & h. curve 4-27-77/322-323 & Altoona shops 5-4-77/340-341 & 5-11-77/358-360 & Spruce Creek tunnel & shop 5-18-77/373-374 & shops 5-25-77/396-398 & Altoona car shop 6-8-77/436-438 & Stationary boiler 6-22-77/475-476 + insert & shops at Pitts, Harrisburg, Meadows, Tyrone, Lambertville, Conemaugh, S. Amboy & Camden 6-29-77/495-496 & Phila. & Erie & Lake Erie docks 7-6-77/3-5 & 7-13-77 W. {Phila. stock yards/21-22 & car transfer boats & float bridge 7-13-77/28-29 + insert; & transfer table 6-29-77/498-499, 494; 7-27-77/65-68 + insert class A-F locos; 8-3-77/84-85 & 8-10-77/104-106 loco. details; loco. boilers 8-17-77/121-124 + insert; loco details 8-24-77/143-147 & 8-31-77/166-167, 162 & 9-7-77/192 + insert & 9-14-77/201-207; tenders10-5-77/260-261, 274 & 10-12-77/294-295 + insert; tender trucks 10-19-77/299, 305 + insert; tender for 0-4-0 10-26-77/324-3325, 331; Pass. & Frt. cars of many types 11-2-77/338-342; pass car trucks 11-9-77/366-368 + insert; 6 wheel pass. trucks 11-16-77/375-379; Std. 1st class pass. car 11-23-77/77/404-405 + insert; Caboose 11-30-77/413-414, 416-417; Drop bottom gond 12-7-77/430-431; 1st class pass. car & director's car 12-14-77/450-460; Side dump car 12-21-77/468-469; gond. car 12-28-77? 499 + insert; coal jimmie 1-4-78/8-9, 4; box car 1-11-78//24-25 + insert; hand car 1-18-28/44-45; Sunbury, Pa. covered RR bridge 2-1-78/81 M/W 2-15-78/119-120; Renovo shop & hotel 3-15-78/199 pix; Scenes near Bellefonte, Pa. 3-29-78/233;

Philadelphia & Reading RR: #411 4-4-0 4-1-81/333 + insert; Rail mill at Reading 2-22-78/147-148 + insert; 4-2-2 loco. 3-24-82/264-265, 270;
Pittsburg RR (Cal.) Loco. "Sampson" 2-17-71/114-115;
Pittsburgh Virginia & Charleston Ry: Monongahela River bridge 10-8-80/290-291 + insert;
Prince Edward Islands RR: 4-4-0T 11-8-72/322-323;
Quebec Montreal Ottawa & Occidental Ry: St. Maurice River bridge 8-30-78/173, 182 + insert;
Quincy Alton & St. Louis RR: Quincy bridge 7-15-70/38;
San Jose RR: "Union" 0-4-0 4-28-71/304 + insert
Toledo Peoria & Warsaw: Hamilton-Keokuk bridge 1-5-72/4-5, 10 + insert;
Toronto & Nipissing Ry: history 2H-79/295; Fairlie double bogie loco 8-21-74/insert;
Toronto Grey & Bruce Ry: History 2H-779/353; Fairlie double bogie loco 8-21-74/insert;
Troy & Greenfield RR: Hoosac Tunnel 3-4-70/146, 147;
Union Pacific RR: Construction 4-2-69/225-226, 228;
Virginia & Truckee RR: 2-6-0 by Booth 3-10-71/170 + insert;
Welland Ry: History 1H-80/61.
Western Counties Ry: History 1H-79/108;
Windsor & Annapolis Ry: History 1H-79/44; 4-4-0 "Evangeline" built in Gt. Brit 6-5-68/548 + insert;

CABLE, SUBWAY and ELEVATED RAILROADS
Mount Adams and Eden Park Incline Plane Ry: 7-29-81/111-112 + insert
New York City: Proposed subway arcade Ry 7-31-68/108;
Broadway Pneumatic Ry 4-29-70/289-290;
Underground 4th Ave,. Ry proposed 2-19-75/149-151, 153, 160-161; 2-27-75/?, 3-5-75/193; 3-12-75/215; 3-19-75/234; 3-26-75/248; 4-16-75/319;
N.Y. Elevated Ry: At 110th St1-2-80/7, 10; 1-16-80/48, 50, 54; 3-12-80/208, 210 + insert, 213; 3-26-80/240, 241;
San Francisco Cable Rys: 10-17-84/354-355; 11-7-84/424-426; 11-14-84/444-445; 11-21-84/469-470; 12-19-84/561-564 has pix; 1H-85/ 169 Sutter St & 255-257 Calif St. & 26-28 Clay St, & 307-308 Geary St; & Market St. 642-644; & Sutter St. 158-159; & Union & Market Sts 415, 416;
Clay Street Hill RR Co 5-14-75/402-403, 406;
West Side & Yonkers Ry: Harlem River bridge 5-19-82/497 + insert; & 11-24-82/495-496 + insert & 12-8-82/548 + insert;

FOREIGN
Note: I did not index foreign railways except in a very few instances below. The magazine has numerous drawings of railways throughout the entire world.
Brazil: Don Pedro II Ry: 0-6-0 flex beam loco. on trestle pix 5-15-68/467; River Pirahy bridge 6-19-68/591, 600 & 8-21-68/173-174; 2-6-0 BLW 8-25-76/155-158 + insert Fairlie double bogie 8-21-74/insert;
Cuba: Fairlie double bogie 8-21-74/insert
Gt. Britain - Wales:: Fairlie double bogie 8-21-74/insert; Proposed channel tunnel 3-15-67/233-234 + pix; Channel bridge proposed 10-30-68/392, 389; Pneumatic loco. of Fox Walker & Co. 11-19-69/331-332; Lishman & Young's compressed air loco. Portable Rys 4-18-84/330, 335
Firth of Fourth Bridge: Original proposed design 2-20-80/153 + insert & 2-27-80/173-174 + insert; 2-13-80/?; Redesign as cantilever bridge 11-11-81/475-476 + insert
Tay Bridge: 12-22-76/531-533 & 12-29-76/542-543; Old bridge and failure articles Vol. 28 2H-79/see index of magazine & vol. 29 1H-80/see magazine's index; 11-25-81/530, 575-577 + insert; new bridge 12-31-86/663, 664-666;
Festiniog Ry: Described 9-214-69/207-208, 215, 222; 12-29-71/418-421; Described including pix of its cars 9-26-84/283-287;
Ireland: : Fairlie double bogie 8-21-74/insert
Italy: Mount Census Ry: Locos. 3-29-67/284-286, 289; tunnel France - Italy 4-12-67/329-330; Progress & pix of country 7-17-68/47-48 & 7-24-68/70-71; Comba Sciera bridge 1-19-72/38, 41, 42
Mexico:: Fairlie double bogie 8-21-74/insert; Metlac viaduct 10-15-75/302, 304, 306;
New Zealand : Fairlie double bogie 8-21-74/insert
Peru: Fairlie double bogie 8-21-74/insert; Fairlie loco for Iquiqui Ry 9-16-70/201-202 plus some other articles on the Ry; Oroya Ry Varrugas Viaduct 4-12-72/247 + insert;
Puerto Rico: Ry. ferry boat 5-16-84/430;
Russia:: Fairlie double bogie 8-21-74/insert
Sweden: Fairlie double bogie 8-21-74/insert
Switzerland: Rigi Ry first rack Ry in Switz. 3-29-72/210-212;

BRIDGES
Eads Bridge at St. Louis: See Illinois & St. Louis Bridge Co
Kansas City Mo. River bridge: North Missouri RR
Niagara River at Niagara Falls: See Great Western Ry of Canada; New York Central
Ohio River bridge at Louisville: See L. & N. RR and Jeffersonville Madison & Indianapolis RR
Quincy bridge. See Quincy Alton & St. Louis RR
St. Charles River, Mo: See North Missouri RR

CARS
Pullman Co: saloon car "Omaha" 2-7-68/110, 117; Hotel car "Viceroy" 6-12-68/559; hotel car "City of Boston" 7-17-68/46, 50; sleeping cars 1-26-72/57;
Metal tubular car designed by Edward Robbins, Cincinnati 4-22-70/?

LOCOMOTIVES:
Electric: "The Judge" 8-24-83/169-172
Fairlee: double bogie 8-21-74/insert
Strong 4-4-2 loco. 3-2-83/194-196;
Compressed air: Lishman & Youngs (Gt. Brit.) 9-16-81/279-280;

LOCOMOTIVE BUILDERS
Baldwin: 3' gauge 2-6-0 at Phila. Expo 1-12-77/26 + insert, 28-29; 2-8-0 at Phila. Expo 9-215-76/226-228 + insert; Plant description 8-18-76/139-141;
Danforth Cooke: 4-4-0 at Phila. Expo "Vulcan" 7-14-76/22, 23
Dickson Loco. Wks: 4-4-0 at Phila. Expo & 0-4-0T 4-6-77/266-267;
Grant Loco. Wks: Am. loco. at Paris Expo 7-26-67/64-66, 69;
Mason, Wm., Loco Wks Fairlie 3' & Std. G. "Onward" at Phila Expo 4-27-77/326-327 + insert, 334;
Porter Bell & Co: 2-4-0 at Phila.Expo 4--6-77/267;
West Point Fdry: Drawings of locos built, "Best Friend" & "DeWitt Clinton" 9-21-77/222-224;

MISCELLANEOUS
First turntable not hand operated (?) Altoona steam driver 7-13-83/42, 45
M/W ditcher of A. E. Buchanon 8-27-80/166, 169
Philadelphia - map of RRs in 1875 8-27-75/166;

RAILROADS:
Monorail: Meigs elevated 12-18-85/586-587;
Portable Rys: (Gt. Brit.) 4-18-84/330, 335;
Wood in Quebec & N.Y. 6-14-72/399 no pix;

TUNNELS
Hudson River tunnel proposed 12-15-82/565-566
Italy-France: Mt. Censis tunnel (first major European tunnel: Mount Census Ry: Locos. 3-29-67/284-286, 289; tunnel France - Italy 4-12-67/329-330; Progress & pix of country 7-17-68/47-48 & 7-24-68/70-71; Comba Sciera bridge 1-19-72/38, 41, 42

ENGINEERING AND MINING JOURNAL 1889 - 1914

This magazine began in 1866 as the *American Journal of Mining*, but in 1869 changed its name. The magazine was a weekly, two volumes per year. Until about 1891 it carried articles on non mining engineering subjects. There were a fair number of railroad items, but they were also covered in other magazines.

It was the journal of mining for more than 100 years, but after 1910 the interesting railroad material practically disappeared so that I discontinued indexing in 1914. The magazine published into the 1970s.

When a railroad built to a mining area there often are decriptions of the mines and photos for the prior two years and several years after.

The magazine was strong on U. S. and Mexican mining, Australia and Canada, and had lesser coverage on other nations around the world. There were a very few articles describing new railroads such as the Copper River and Northwestern RR. Its real value in a railroad index is that it described with illustrations the mines which provided the reason for existence of many railroads.

RAILROADS.

Alaska RR: 4-28-17/733-735 & 11-8-19/767-769;
Alaska Central RR: Control for Seward 4-21-06/755-759;
Alaska Pacific RR & Terminal Co: Controller Bay 8-6-10/272-275
Alaska Ry. & Transportation Co: Chilcut Pass plans 4-30-98/523;
Arizona Mexico & Gulf of California RR: proposed 8-20-10/368
Atchison Topeka & Santa Fe Ry: Raton Mines 8-19-05/200;
Bingham & Garfield RR: Construction 6-25-10/1315; Utah Copper Co operations 6-12-09/1185-1188;
Birmingham Southern RR: Ore mining in Birmingham District 8-21-09/345-348
Black Hills & Fort Pierce RR: 11-1-90/503;
Buffalo & Susquehanna RR; Coal mining at Tyler, coke ovens, etc. 2-29-09/457-459; Sagamore coal mines 3-21-08/6-5-606;
Bullfrog Goldfield RR: Mines at Goldfield 6-12-09/1173-1176 & 1-14-11/119-122 & 10-26-12/797-802 . (Mag. in 1906 had many articles of Bullfrog mines.
Canadian Pacific Ry: Snow sheds 3-2-89/212-215;
Carson & Colorado: Tonopah mines 6-8-05/1084-1085. Other articles on mining in area not indexed.
Catalla & Carbon Mountain Ry: Controller Bay, Alaska proposed 8-6-10/272-275;
Central New England & Western RR: Acquired by New Haven RR & Newburg ferry discontinued 4-28-04/673;
Chicago Burlington & Quincy RR: Coal mines at Cambria 11-16-07/930-934;
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ENGINEERING MAGAZINE 1891 - 1916

This magazine was devoted to industrial progress. It carried a great deal of foreign railroad material. Also it covered mining and that sometimes included the railroads serving the mining districts.

Although published during the same years as *Engineering News* and *Engineering Record* this magazine was totally different. It was a monthly instead of a weekly, was 8" x10" instead of 9"x12", and its articles on engineering subjects were written for the non engineer. They were long and well illustrated

The index to each volume was divided into feature article index and news item index. I did not index the later items. Later the news item index was discontinued.

I indexed by giving the volume number and the year the volume first appeared / page numbers. Volume #1 ran from April thru September 1891 and volume 2 went from Oct. 1891 to March, 1892. For both these volumes I have indexed it as 1891. I did not include the month of the issue to expedite indexing. The magazine reminded me somewhat of McClures. An * indicates illustrations.

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This magazine, which is still being published although a mere shadow of its former self, carried more railroad material than any other non railroad publication. Besides articles it also had many single paragraph news items similar in nature to those in the *Locomotive Engineering, Commercial and Financial Chronicle*, and other non trade industry magazines.

The magazine specialized in civil engineering projects. Little appeared on equipment in the 1880s. Most U. S. railroad space was devoted to bridges. Lesser space was given to track and tunnels. It wasn't until 1884 that they began to have articles of several pages written in depth, and these were increasingly well illustrated. I indexed virtually all articles having a title heading, and most were illustrated.

During the 1890s and early 1900s each weekly issue carried a lengthy list of railroad news items on new incorporations, construction contracts, construction projects, financial difficulties and foreclosure-reorganization for both steam and electric railways. I did not index these. It also carried a considerable amount on signaling. I indexed the regular articles but not the short news items.

It gave poor coverage to railroads in the South. The *Manufacturer's Record* covered this area well.

Besides the indexed articles listed here, also check the magazine's index for each half year volume for brief items. Feature article subjects were all covered in depth into the 1900s. Beginning with 1912 the magazine had a major change in format, and the articles were usually not as thorough.

In 1917 the company was purchased by McGraw Hill Publishing and merged with its magazine, the *Engineering Record* and, and its railroad material cut at least by 50%. The two magazines had often carried the same material. I did not index beyond 1934 when articles had dropped to only 1 or 2 a year, and Bucknell University, where I did my indexing, had discontinued their subscription.

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Boston & Maine RR: Loco. engineers strike, 3-24-77/72, 3-31-77/76; Haverhill wreck, 1-14-88/24 & 2-11-88/103; Wreck near White river Jct., 7-5-90/8; Coal station at S. Lawrence, Mass., 10-26-93/329; Improvements 11-30-99/350-351; Ditching-spreader car, 4-28-00/427; Pile driving car 10-30-02/364; Covered bridge on Concord & Claremont Br. 5-5-10/529; Boston electrification of suburban RRs - N.H., B&M, B&A. 12-8-10/638-639; Hoosac Tunnel electrification, 6-8-11/694-696; Profiles of many east coast RRs, 12-21-11/740ff; Hampden RR, 2-26-14/475; Improvements near Brattleboro, Vt, 4-2-14/726-727; Mechanicville hump yard, 5-7-14/1008-1011; Lynn, Mass. track elevation, 9-16-15/533-537; Hudson River bridge at Mechanicville,12-2-15/1057-59; RR in receivership. Should be state govt. owned, 9-7-16/467; Merrimack River bridge at Newburyport renewed, 12-7-22/973-978; Rebuilding North Sta, 2-23-28/308-309 & 2-26-29/339-344; Chicopee Falls truss bridge to Westinghouse Co, first arc welded bridge, 7-26-28/120-123; New bridge at Boston, 11-5-31/718-721;
Boston & Providence RR: "Tin Bridge" failure at Forest Hill, 3-10-87/188-189, 214;
Boston Revere Beach & Lynn RR: East Boston tunnel, 12-6-94/460;
Boston Terminal Co. (South Station): Description 1-14-97/24-28; double split switch, 11-9-99/310;
Boynton Bicycle Ry: Described, 3-2-89/185-187
Bridgton & Saco River RR: Proposed two foot gauge RR from Portland to Bridgton, Me, 40 miles, 11-24-77/332
Brighton RR: Electric light in Pullman car (Possible Gt. Britain), 11-5-81/452;
Buffalo & Lockport RR: Electric operation of former Erie RR branch, 9-8-98/158;
Buffalo & Susquehanna RR: Canadea, NY, viaduct, 9-13-06/265-267; Austin dam failure, 10-5-11/408-409, 417-422 & 12-14-11/722 & 7-25-12/159
Buffalo Corry & Pittsburgh RR: Sold for only $75,000, 5-2-78/138
Buffalo Rochester & Pittsburgh RR: 4-8-0 for pusher service, 1-21-97/34; #194, 4-4-2, 3-23-99/191-192; Gen. El. Co. gas electric car, 5-11-11/551, 552;
Burlington & Missouri River RR: 35 ton derrick crane for wreck train, 6-7-94/465; 2-8-0, 9-1-98/141; Omaha station, 5-4-99/278 & 284;
Butte Anaconda & Pacific RR: 2400 volt DC RR, 8-15-12/299; Booster trucks for locos, 6-25-14/1414; 2400 volt locos, 6-26-13/1305-6;
Canada Atlantic RR: opened 10-13-83/482; Coteau Bridge over St. Lawrence River, 4-12-90/338-391; Coteau bridge, 5-30-91/520-521, 524-525;
Canada Southern RR: Detroit River tunnel proposed, 5-13-76/156; New bridge over Niagara River replacing suspension bridge, 10-6-83/472-473;
Canadian National Ry: Betterments around Quebec City, 10-14-20/759-760; Hornepayne engine house, 12-29-21/1064-66; Building line to Flin Flon, Man., 6-28-28/1008; Saguenay River bridge to Isle Maligne power development, 7-17-24/94-95; Montreal tunnel, 10-9-30/562-565;
Canadian Northern Ry: Construction work in Saskatchewan, 4-5-06/371-373; Fort Garry, Winnipeg terminal and station 6-18-08/663-666, 670; bridge over N. Thompson River, 2-26-14/460-461; Ice breaking train ferry for Levis to Quebec, 10-1-14/663-665; opened to Pacific Coast, 12-2-15/1098-99; Canadian Govt. to decide on bankrupt ry future, 5-17-17/353-357, 370-371
Canadian Pacific Ry: Kicking Horse Pass construction, 12-29-83/625; Contractors on Red Rock to Big Pic River and progress, 2-16-84/73; Progress in British Columbia construction, 10-11-84/173, 11-1-84/207-209, 11-8-84/225-226, 11-15-84/232-233, 2-14-85/103; Proposed snow tunnels, 9-4-86/157; tunnels, 11-24-88/400; Description Montreal to Winnipeg line, 12-15-88/464-465; Snow sheds. 1-21-88/38-40; Montreal sta. and viaduct approach, 3-3-88/158 & 3-17-88/202; Derailment at Pembroke, Ont, 4-5-90/330\ new Toronto union sta., 12-27-94/531; The C.P.R. as seen by an engineer, 11-21-95/355-356; Montreal sta., 12-31-96/434; Notes on a transcontinental trip, Vancouver to Montreal, 1-14-97/29-31; Profiles of transcontinental RRs, 6-10-97/360-361, 365-367; RRs in the Maritimes, 8-26-97/141-142; Crows Nest Pass extension, 3-10-98/165-166; Filling in trestle at Mountain Creek, B.C., 10-12-99/234; Winnipeg track elevation, 2-23-05/195-197; Irrigation project in Calgary area, 4-27-05/429-431; Enclosed water tanks, 11-2-05/456-457; Kicking Horse River tunnel near Palliser, BC, 4-18-07/424-425; Grade revision at Field 1-23-08/87-89; Spiral tunnel construction 11-10-10/512-514; Double tracking in the Rockies, 7-4-12/33; Vancouver new pass. sta, 7-11-12/85-86; Calgary new shop, 6-26-13/1314-15; Rogers Pass tunnel, 4-2-14/718-719; Vancouver terminal improvements, 2-18-15/340-341; Rogers Pass tunnel progress, 11-11-15/920-923; Rogers Pass tunnel progress, 8-31-17/411; Track maintenance by contract, 2-9-22/399-401; Vancouver frt. piers, 12-16-26/984-989;
Bridge Articles: Atlantic & North West Ry: Bridge specifications over St. Lawrence River at Montreal, 10-10-85/225; Mountain Creek bridge and trestle in Selkirk Mtns, 9-26-85/196-197; Lachine bridge, 10-1-87/238, 10-8-87/252-255, St. Mary's pile trestle 8-15-07/160-161; Lethbridge viaduct over Belly River 9-23-09/324-329 & 2-24-10/209-211; French River Bridge near Romfort, Ont. 7-23-08/85-88; 10-15/270-271 & 276-277, 10-29/306-308; Bridge at Sault Ste. Marie, 10-18-90/334-335; Strong Creek arch bridge in Brit. Col., 8-2-94/84-86; Fraser River bridge at New Westminster, BC, 6-15-05/611-614 & 6-22-05/647-652; Ft. William, Ont. bridge over Kaministiguia River, 8-14-13/308; Lachine bridge over St. Lawrence rebuilt, 4-2-14/728-730; Sault Ste. Marie bridge, 1-21-15/108-110; Bridge over Reversing Falls" at St. John, N.B., 3-30-22/527;
Equipment: construction company dump cars, 7-21-88/45; rolling stock, 11-10-88/372-373; Rotary snow plow, 8-17-89/154-155; 4-6-0, 8-30-90/185, 190-191; Rails and pilgrim pass. car, 1-19-93/53-54; Steel cabs, 6-18-96/406; Steam motor car for suburban service, 8-2-06/119; 0-6-6-0 pushers 4-7-10/413-414 & Hopper bottom grain box car #139002, 10-23-13/806-807;
Cape Fear & Yadkin RR: Opened, 2-22-90/187
Carolina, Clinchfield & Ohio RR: See Clinchfield RR.
Central of Georgia: Savannah yard and piers, 11-26-14/1054-58;
Central Pacific RR: Iron ties in use, 4-14-77/87
Central RR of New Jersey: Communipaw depot, 10-6-88/264-265; Elizabethport track layout and signals, 11-24-88/404-405; 97.3 mph run of B&O-CNJ train, 12-8-92/530; Flood repair along Lehigh River, 2-4-04/97-99; Coal dumping piers, 3-17-04/265-268; Double bascule bridge Newark Bay, 2-25-04/173-175; Reefer car #9036 with new type door, 11-29-06/565; #200 2-6-2 tank loco, 2-16-05/166-169; Elizabethport coaling sta. 4-16-08/414-415; #35 "New York" 4-4-0 1-09/8-9; Ashley Plains 3-25-09/318-319; New Jersey City pass. terminal, 7-30-14/238-243; New Communipaw engine terminal, 8-20-14/385-388; Enlarged Communipaw frt. terminal, 12-17-14/1216-18; Jersey City coal dumper, 4-15-20/759-762; Four track bridge over Newark Bay, 2-4-26/184-187 & 3-25-26/474-479;
Central Union Depot & Ry. Co. of Cincinnati (later CCC&SL): Double slip switch, 11-16-89/463;
Central Vermont RR -Woodstock bridge disaster at Hartford, Vt., 2-12-87/105-106;
Chesapeake & Ohio RR: White Sulphur Springs wreck of *Flying Virginian*, 1-11-90/33;New York to Chicago via the C&O, 8-17-93/127-128; Richmond, Va. terminal improvements, 11-29-00/379-381; Coal dumping pier, 3-17-04/265-268; Handley coaling station, 3-11-20/520-521; 63 mile double track line from Gregg, Oh north, 2-23-28/304-307; Cincinnati bridge, 11-7-29/734-737; Improvements, 1-30-30/187-190; Daylights the Ona tunnel near Huntington, WV, 2-27-30/359-362
Chesapeake & Ohio Northern Ry: Building between Sciotoville and Waverly, Ohio, 1-6-16/6-11; Sciotoville bridge progress, 3-2-16/418-419 & 5-17-17-/343-344 & 1-31-18/219-227 & 1-10-18/62-68 & 12-26-18/1182-86;
Chicago & Alton RR: Track map at 14-22nd St, Chicago, 11-16-93/383-384; Springfield, Il, pass. sta. 1-16-96/34-35; #504, 4-4-0, 1-4-00/14; Chicago track elevation, 1-11-00/18-22; Reconstruction of Glasgow, Mo. bridge, 3-14-01/194-197; Stabilizing track along Mo. River, 6-5-02/450-451; Coal and ash plant sta. 8-14-02/118; 44 ton gondola car #26001,. 2-26-03/202-203; 4-6-2, 5-28-03/474-475; Glosgow, Mo. bridge history 6-2-10/632-633; Gravel ballast plant, 2-18-94/164-165; Joliet track elevation, 5-8-13/952-955; New Chicago frt. house, 10-14-20/728-736;
Chicago & Calumet Terminal RR: Interlocking plant and track layout at State Line, 1-20-98/44-45;
Chicago & Eastern Illinois RR: Portable tie preservation plant, 8-17-99/108; #145, 4-8-0, 2-22-00/131;Construction Mississippi River ext. and Grasshopper Creek viaduct, 4-12-00/234-235, 240-241; #173, 4-8-0 camelback, 11-15-00/330; New Frisco lines route, Chicago to New Orleans, 5-2-12/838; Automatic train stop, 10-8-14/724-725; Okaw River concrete viaduct at Sullivan, Il less costly than steel, 2-21-18/342-345;
Chicago & Illinois Western Ry: At Gary, 10-21-09/422
Chicago & North Western RR: West Chicago shop, 11-16-89/459-462; #400, 4-6-0, 5-25-93/482-484; Track map at 14-22nd St, Chicago, 11-16-93/383-384; Track elevation, 8-20-96/120-121; Track improvement Madison to Baraboo, 6-3-97/344-345, 340-342; Notes on a trip Detroit to Duluth, 9-2-97/148-149; Chicago track elevation, 1-11-00/18-22; Embankment building in Boone County, Ia. 2-8-00/98-99; Clinton, Ia & Fond du Lac engine terminal s, 8-14-02/117-119, 120-121; Milwaukee track depression, 3-9-05/264-265; Kinzie St, Chicago area track elevation, 9-7-05/244-247; New Chicago pass. terminal to be built, 10-18-06/412-413; New Chicago pass. terminal, 8-17-11/191-197; Riverton, Wyo. tie treating plant, 4-20-16/729-733; Clinton, Ia. improvements, 7-20-16/102; Milwaukee line depression, 4-3-24/570-574; Proviso Yard, 2-23-28/317-321; Chicago express terminal, 5-14-31/802;
Bridge Articles: Rocky River & Merrimac bridges, 7-9-96/24-25, 18-19; Des Moines River viaduct, 6-27-01/466-467; Kinnickinnie River draw bridge, 8-8-01/88-89, 84-86; Boone cutoff and Des Moinse River viaduct, 8-22-01/120-121, 117-118; Clinton, Ia. bridge 1-21-09/63-69; Kinzie St. Chicago bridge replaced 11-24-10/560-563; Buffalo Lake, Wis, and Oxford Mill Pond, Pekin, Il bridge piers, 10-24-12/748-751; Winona bridge reinforcing, 10-22-14/830-832; Milwaukee River drawbridge shifted at Milwaukee, 11-2-6-14/1051-53 & 4-8-15/657-658; Bascule bridge replaces swing bridge over Chicago River near Fullerton Ave., 8-10-16/284
Equipment: Dining and hotel cars described, 7-7-77/174, 7-28-77/198; #908, 4-4-0, 1-9-96/29-30; #1015, 4-6-0, 8-2-00/70; Baker Pilloid valve gear on 0-6-0, 8-1-12/204-205;
Chicago & Northern Pacific RR: Special excursion cars for Columbian Exposition, 6-8-93/526; Bridge over Chicago Drainage Canal, 12-2-97/363-365 & 4-7-98/231;
Chicago & St. Louis Ry: Bridge over Chicago drainage canal, 12-2-97/363-365 & 4-7-98/231;
Chicago & South Side Elevated Ry: The elevated and its 26th St. sta, 1-16-92/57-58, 60-61;
Chicago & West Michigan RR: New Buffalo, Mich. coal dock, 11-10-92/434-436

Chicago & Western Indiana RR: Chicago 16th St. grade crossing elimination, 7-7-98/22-23 & 4-13-99/235-236; Interlocking plant and track layout at State Line, 1-20-98/44-45; Chicago track elevation, 1-11-00/18-22; 4 track, 2 truss swing bridge, 9-12-01/171-172 & 176-177; Clearing Yard completed, 6-17-15/115; Concreting train for elevation work, 12-30-15/1275-77; Stewart Ave. crossing at 21st St., Chicago, 9-22-92/282; 3 level crossing at Chicago, 4-15-15/708-710; 8 wheel side dump car #1266, 10-5-16/640-644; Proposed Deerborn Sta. replacement to State St., 2-23-23/354;

Chicago Burlington & Quincy RR: Delano rail joint patent, 2-2-93/102;Track map at 14-22nd St, Chicago, 11-16-93/383-384; Track and terminal at Quincy, Il, 3-17-98/180; Quincy pass. sta. 2-16-99/102; Omaha sta, 5-4-99/278 & 284; Chicago track elevation, 1-11-00/18-22; Building an embankment using a traveling bridge, 1-16-02/42; Dynamometer car, 5-15-02/388-389; Weed burning loco., 3-15-06/293; Wreck, 7-25-12/163-165; 2-10-2, 9-19-12/511-512; automatic block signals for single track line, 7-11-12/62-64; Metropolis, Il car ferry transfer, 9-23-15/599-601; Grade elevated at Aurora, Il, 3-22-17/472-; Aurora, Il. track elevation, 12-21-22/1056-59; New Lincoln, Neb. yard, 11-18-290/996-999; Omaha sta. rebuilt, 9-25-30/499-500;
Bridge Articles: Winona swing bridge, 10-17-91/360-361; new bridge at Plano, Il, 12-22-04/559-563; Concrete pile trestle 5-20-09/546-548; Ohio River bridge at Metropolis, 7-30-14/270-271; Metropolis, Oh Ohio River bridge, 7-29-15/230-232 & erecting 720' span 12-21-16/1198-99 & 12-20-17/1140-43 & bridge foundations 3-22-17/462-466; Metropolis bridge completed, 7-27-16/151-154; Platte River bridge rebuilt, 10-14-15/728-729; Removed Mo. River span at Kansas City to be used elsewhere, 4-17-19/765-766;
Equipment: #128, 2-6-0, 11-17-88/385-387; #128, 2-6-0 pass. loco, 6-28-90/611-613 & 7-5-90/6-8; Loco. statistics for 25 years, 5-16-91/479; furniture car, 2-23-93/170, 180-181; 30 ton hopper car, 3-9-93/218; 2-4-2 pass. loco., 12-5-95/376-377, 381; 2-6-2 loco., 5-30-01/399-40l ; Dining car, 6-20-01/442; Drop bottom gondola, 11-12-03/441-442; 0-6-2 tank loco. for suburban service, 2-16-05/166-169;

Chicago Central RR: Interlocking at 75th St, 9-20-94/224;

Chicago Great Western RR: Blocks signals and interlocking, 1-16-13/104-106;

Chicago Hammond & Western RR: Track layout and interlocking at State Line, 1-20-98/44-45;

Chicago Indiana & Southern (NYC): Concrete trestle over Kankakee River, 2-2-11/123

Chicago Indianapolis & Louisville RR: New Lafayette sta. 8-6-03/119; Combined coal and dining car, 2-18-04/149-150; Block signals, 1-9-13/58-60; Indianapolis frt. sta, 2-26-25/354-356; Lafayette shops, 11-10-27/759-761;

Chicago Junction Ry: 8 track bascule bridge, 5-24-00/338-339;

Chicago Kansas City & Texas Ry: Smithville, Mo bridge, 1-24-91/84-85, 87;

Chicago Lake Shore & Eastern RR: C.D.Page sectional dump car, 12-29-98/389-390; Bascule bridge over Chicago Canal 3-18-09/295-297;

Chicago Madison & Northern RR: Bridge over Chicago Drainage Canal, 12-2-97/363-365 & 4-7-98/231; Chicago 16th St grade crossing elimination, 7-7-98/22-23 & 4-13-99/235-236;

Chicago, Milwaukee & Puget Sound Ry: Hydraulic construction of large embankment 5-27-09/563-567;

Chicago Milwaukee & St. Paul RR: New Milwaukee sta., 3-5-87/155; track and signaling at Pacific Jct, Chicago, 5-11-99/294-296; Electric turntable, 5-27-97/333; Refrigerated fruit house at Minneapolis, 3-20-02/226-227; Bitter Root Mtn. tunnel 7-2-08/9; Evanston track elevation (now Chicago Metra elevated) 2-10-10/158-164 & station 2-17-10/191-192; Portable concrete plant on RR car, 7-3-13/36-37; Montana electrification, 1-7-15/22-23; Minneapolis track depression, 3-18-15/514-517; Wreck on trestle at Rainer, Wash, 8-19-15/380; Electrification successful, 7-6-16/24-27; Electrification, 12-2-20/1068-70; Water treatment in S.D, 10-5-22/560-562
Bridge Articles: 175' swing bridge over Chicago River, 4-19-00/255-257; Large timber trestle over Mine Creek, 3-25-09/397-399; Mobridge, SD Mo. Riv. bridge 8-25-10/196-199; bridge over Kinnickinnie River, Milwaukee, 10-6-10/358-361; Des Moines River viaduct near Madrid, Ia, 6-4-14/1248-52; Mississippi River pontoon bridge at Wabasha, Mn. 3-24-32/426-427
Equipment: Pile driver car #X218, 11-16-99/320-321, 314-315; Derrick car used for bridge erection, 6-24-09/677-680; 4-6-2 loco., 6-15-93/567; 2 cyl. compound 4-6-2, 11-9-93/368-369; 2-4-2 compound, 7-23-96/50; 50 ton ore car, 6-20-01/448, 456; #851, 4--6-2, 3-15-06/281-283;

Chicago Rock Island & Pacific RR: Std. coal gondola car, 8-11-92/132-133; Track map at 14-22nd St, Chicago, 11-16-93/383-384; Lincoln trestle disaster, 9-6-94/195; Chicago track elevation 1-22-96/57; Wrecked draw bridge at Rock Island, Il, 3-12-96/171; highway-Ry bridge at Rock Island, 12-17-96/400-401, 406-408; Furniture car #61099, 10-27-98/259, 264-265; Chicago track elevation 2-22-00/122-123; Chicago 16th St. grade crossing elevation, 7-7-98/22-23 & 4-13-99/235-236; 4-4-2 loco., 7-11-01/18-19; New La Salle St. station, 8-6-03/114-119; East Moline shops and yard, 2-11-04/138-142; Gasoline motor car for branch lines 9-5-05/251-252; Steam motor car built by Alco #2552, 7-16-08/63-65; Train dispatching by telephone, 4-22-09/426-427; Construction in Ark., 7-25-12/163-165; Chicago track elevation, 4-8-15/670-675; 3 level crossing at Chicago, 4-15-15/708-710; Bluff Creek bridge near Caldwell, Ks, 11-27-24/870-871; New 145 mile line Amarillo to Liberal, Ks, 8-18-27/252-255; De Vells Bluff, Ark. lift bridge, 11-3-27/705-708; New 60 mile line More to Dalhart, Tx, 12-4-30/888-891; Rail to river transfer at Peoria, 7-9-31/49; Track changes at Oklahoma Cioty andsta. 3-24-32/432-435; LaSalle St. sta. traimn shed roof replaced by track canapies.

Chicago Rockford & Northern RR: Train lighting by electricity, 4-7-888/263

Chicago St. Louis & Pittsburgh: Head on collision at Urbana, 2-11-88/102;

Chicago St. Paul & Kansas City: Apple River Bridge failure at Elizabeth, Il, 3-31-88/248;

Chicago St. Paul Minneapolis & Omaha Ry: Sta. and track at Duluth, 2-10-98/90-91; Block signaling, 5-25-99/326-327; Rail sawing and tie drilling machine, 12-7-99/364;

Chicago Santa Fe & California RR: Missouri River Sibley bridge, 2-18-88/115; Miss. Riv. bridge at Fort Madison, Ia, 6-2-88/440-441 & 6-9-88/466-468;

Chicago Terminal Transfer Ry: Chicago drainage canal drawbridge, 12-2-97/363-365; & 4-7-98/231; track bascule bridge, 5-24-00/338-339;

Chicago Transfer & Clearing Co. hump yard, 1-2-02/8-9, 12-14;

Chicago Tunnel RR: Underground RR system, 3-17-04/251-252; To remove excavated dirt to eliminate truck haulage on city streets, 11-23-22/877-878

Chicago Union Station: Work begun, 5-6-15/907; Construction, 3-13-19/528-529; Nears completion, 12-6-23/928-932;

Chicago Union Transfer Ry: Frt. interchange yard, 6-17-15/1153-57 & 2-8-90 & 9-8-92; 2-8-90/125; Proposed belt line, 9-8-92/234-235

Chignecto Ship Ry: 11-5-81/452; Description, 9-7-89/218-219; Amherst lifting dock, 9-26-91/279;

Cincinnati & Richmond RR: Skew spiral arch bridge, 10-20-88/300-302

Cincinnati Hamilton & Dayton RR: Steam pass. car, 2-6-02/104; Combined parlor car and coach, 2-18-04/149; Ivorydale, Oh. new shop (no photos), 10-11-06/372-373; flood damage, 4-24-13/867-869; Toledo coal dock, 9-9-15/520-522

Cincinnati New Orleans & Texas Pacific RR: Train operation & signals on single track, 3-10-98/158; New Ky. River bridge at High Bridge, Ky, 4-27-11/518-521;

Cincinnati Richmond & Muncie RR: Described, 6-19-02/496-499;

Cincinnati Southern RR: Kentucky River bridge, 2-10-77/37, 1-22-81/35-39, 56-57; Difficulties with construction of the RR, 2-15-79/50; Ohio River bridge at Cincinnati, 11-24-77/328, 1-15-81/24-28; Improvements, 2-20-02/142-147; Horse Run Viaduct reconstructed 6-8-05/597-599; New Cincinnati frt. sta., 12-7-05/593-594; Line revisions between Cin. and Chattanooga, 5-1-19/873-875

Cincinnati Union Terminal Co: 2-26-31/348-352; 6-9-32/817-820

Cleveland Akron & Columbus RR: Engine #17 equipped with electric headlight (first in U.S.?), 10-4-84/163;

Cleveland Cincinnati Chicago & St. Louis RR: Accident at Lafayette, Ind., 5-25-93/489-490; 4-6-0 compound by Richmond, 5-10-94/303; McMyler coal dumping, 9-13-94/216-217; Danville, Ill bridge collapse, 8-24-93/159; Dynamometer car 11-24-98/334-335; 2-8-0, 5-17-00/324-325, 320-321; Parlor car, 6-20-01/442; Coaling station, 6-27-01/473; Cincinnati frt. sta, 7-4-01/16; 4-4-2 loco., 10-23-02/330-331; Line improvements Indianapolis to Cinc., 3-16-05/275; Line improvements Chicago Division, 5-16-07/535-539; Two bridges wrecked by Miami River flood, 5-8-13/564-565; New Galion engine terminal, 3-13-19/519-521; Double tracking Cleveland Indianapolis line, 3-13-19/524-525; Track relocation near Dayton account flooding, 8-14-19/313-315; Line improvements, 9-23-20/606-607; Great Miami River bridge, 10-11-23/586-590; Cincinnati engine terminal, 4-12-28/581-584; Louisville new bridge, 9-5-29/358-362;

Cleveland Lorain & Wheeling Ry: Thew steam shovel, 4-11-01/260-261; gondola and 66' flat cars, 5-9-01/336-337, 343-344; Coal shipping at Lorain, 4-20-05/410-411;

Cleveland Union Terminal Co: Demolishing the train shed, 6-11-14/1294-97; New station authorized, 12-22-21/1020-25;

Clinchfield RR: Construction 1-21-09/53-59; Elkhorn extension, 10-16-13/762-767; Sandy Ridge Tunnel lining, 11-16-16/936-938;

Colorado & Northern RR: 3 truck Climax loco., 12-9-97/373, 376, 377;

Colorado Midland RR: Progress on Busk tunnel, 1-17-91/63-64; Aspen Jct. layout, 8-1-91/102; Busk tunnel, 9-27-94/245; Colo. RRs report, 4-6-99/210-211; Snow plowing experience, 8-23-00/133; Old grade being converted to highway, 6-18-25/1016-17;

Colorado Springs & Cripple Creek District RR: RRs of the mining district, 9-8-98/152, 156-157; Described, 5-1-02/346-350;

Columbia & Western Ry: Converted to std. gauge, 7-20-99/47;

Copper Belt Ry (Bingham, Ut), 7-24-02/59-63;

Copper Range RR: Description, 5-31-00/354-355;

Cumberland Valley RR: Potomac River bridge, 1-21-15/124-125

Dallas Terminal Ry & Depot Co: Description, 6-25-14/1415-17; Tracks removed from streets, 10-20-21/646-648;

Dalles, The boat ry around Colummbia River rap[ids 9-12-91/228-231

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Soon after 1900 it became part of McGraw Hill Publishing Company and changed its format to be very similar to *Engineering News.* It merged with *Engineering News* in late 1916 to bcome *Engineering News Record.*

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Chicago Milwaukee & St. Paul RR: Pile driver #X218 2-17-00/154-155 & 3-19-04/359-360; Janesville, Wis bridge 7-6-01/607; Replacing swing bridge over Menominee River 7-30-04/134-136; Minneapolis new bridge over Miss. Riv. 5-20-05/568-569; Proposed extension to Pacific 12-22-06/687; track grading in Cascades 5-2-08/572-574; Garrison, Mont. tunnel 5-1-09/581; Evanston track elevation 1-22-10/101-103 & 1-29/123-125 & 2-5/160-162; Mobridge, SD bridge 6-11-10/762-764; Ortonville-Milbank, SD realignment 1-17-14/75-76; Indian Creek viaduct on Lewistown Br. 7-11-14/51-52; Judith River viaduct on Lewistown Br. 8-22-14/209-210 & 10-10-14/401; Chicago track elevation 8-29-14/240-241; Lind viaduct, Wash. 9-26-14/350-352; Equipment for electrification 11-28-14/580-582; Spokane terminal 2-20-15/234-236; Great Falls terminal line electrically operated 6-19-15/767; Prairie du Chien pontoon bridge 12-4-15/704-705; Electrification opened 115 miles at Deer Lodge 4-1-16/466; Track elevation North Chicago to Howard St. 7-15-16/75-77; Concrete mixer train & car #60621 9-30-16/421;
Chicago Rock Island & Pacific RR: (Sere St. L., Ks. City & Colo.RR)History of first Rock Island, Il bridge and new bridge 1-30-97/181-182 & 5-28-98/558-559; Des Moines depot train shed 5-18-01/475-476; New Chicago La. Salle Sta. 9-12-03/302-306; East Moline shop 7-30-04/137-141; Concrete trestle over Nishnabotna River near Avoca, Ia 4-29-11/482-483; New coal road in Iowa - St. P. & K.C. Short Line RR 8-31-12/242-243; Joliet, Il sta. 1-18-13/74-75; Cedar River bridge at Moscow, Ia replaced 8-216-13/183-185; Chicago track elevation 8-15-14/190-191; 79th St. crossing, Chicago 12-5-14/611
Chicago St. Paul Minneapolis & Omaha RR: Windom, Mn bridge wreck 10-7-99/433;
Chicago Terminal Transfer RR: Long plate girder bridge 4-16-04/491-492; 8 track bascule bridge over Chicago drainage canal 8-13-10/192-194;
Chicago Union Station: Bldg and track plan 11-4-16/558-560;
Choctaw Oklahoma & Gulf RR: Washita River bridge near Fishoming, Ok 1-26-07/96; Locating a line 1-7-05/29-30;
Cincinnati Georgetown & Portsmouth RR: 4-18-03/406;
Cincinnati Hamilton & Dayton RR: Ivorydale shops 1-11-06/44; New ore dock at Rossford, Toledo 2-11-11/163-164; Coal handling yard at Toledo 8-7-15/163-164;
Cincinnati New Orleans & Texas Pacific RR: Pleasant Run viaduct near Ludlow, Ky 1-9-09/38-39; Ky. River bridge on Chattanooga to Cinc. line built about 1876 7-9-98/114-115; Ky. River bridge at High Bridge, Ky near Lexington 4-21-11/463-465; Wrecked Tenn. River bridge 8-5-16/170-171; Roadbed improvement 11-18-16/625-626;
Cincinnati Richmond & Muncie RR: Girder bridge at Richmond, 5-17-02/462-463;
Cincinnati Southern RR: Bridge over Ohio River constructed 10-28-93/344
Clearwater Short Line Ry: Lawyer's Canyon viaduct 9-26-08/360-361; Under construction 9-30-11/376-379 & 10-7-11/417-419
Cleveland Cincinnati Chicago & St. Louis RR: I(See also New York Central) improvements between Lawrenceburg Jct. and Summan on Chicago line near Cinc. 3-5-04/292-295; Danville, Il. arch bridge 3-3-06/238-243; Rebuilding Cairo Div. 8-11-06/153-157; Beach Grove shops 1-11-08/41-46;
Clinchfield RR: See Carolina Clinchfield & Ohio RR.
Coal & Coke Ry: Clover Fork tunnel 9-2-05/463-464;
Colorado & Southern RR: Revisions to Pueblo-Walsenburg line 9-16-11/326-327;
Columbia & Red Mountain Ry: Newport, Wash. bridge over Columbia River 10-19-01/367-368;
Copper River & Northwestern RR: Description 1-22-10/92-93; Bridge piers 5-14-10/642; Copper River bridge 7-16-10/82-83; Miles Glacier bridge 8-6-10/153-157 & 12-31-10/763-754; Branch line to Bonanza Copper mine over Kuskulan River 8-12-11/180-181
Dallas Union Station: The sta. and city rail lines 8-22-14/212
Delaware & Hudson RR: Gas el. car 2-10-06/164-165;
Delaware Lackawanna & Western RR: Hudson River pier #13 1-18-96/115; West End new Hackensack River swing bridge 3-9-01/218-219; Newark and Harrison improvements 12-26-03/806-808 & 11-12-04/562-565 & 11-19-04/593-595 & 11-26-04/619-621; Kingsland shop 3-25-05/362-363 &12-2-05/635-637; New Hoboken ferry terminal plans 4-29-05/492-493; Crossing Morris Canal at Newark 6-17-05/686; Hoboken platform shelters planned 6-24-05/706; Newark bridges 7-22-05/102-104; Unusual foundation for Hoboken terminal 11-11-05/546-548; 23rd St. ferry terminal 12-2-05/627-629; Coal handling at Jersey City piers 12-9-05/646-648;
New Hoboken frt. terminal 1-6-06/28-29; 2nd Bergen Hill tunnel 1-12-07/36-37 & 11-9-07/519-520; Kingsland shop's power plant 1-5-07/13-18 & 1-12-07/41-43; Hoboken train shed 1-19-07/78-79; Scranton ash handling 3-16-07/355; Bridge #60 replaced at Scranton 6-22-07/728-730; Hoboken interlocking and track layout 2-1-08/128-130; New Jersey cut-off plans 8-15-08/190-193; Jersey City frt. pier #7 9-12-08/300-303; Scranton pass. sta. 11-28-08/611-613; Hoboken power plant 2-13-09/184-185; Bergen tunnel concrete roadbed 4-3-09/383-384; N. J. cut-off construction 4-17-09/504-508 & 4-24-09/541-544; New Scranton shop 10-16-09/427-429; Paulins Kill viaduct 7-16-10/66-68; Elimination of NYS&W crossing at West End 7-23-10/108; Taylor concrete breaker and washery 12-3-10/631-632;
Record dynamite blast on N.J. cut-off 11-11-11/269-270; Montclair Br. improvements 6-10-11/636-638 & 7-8-11/52-53; Pequest River culvert on N.J. C/O 11-4-11/537; Secaucus new L. C. L. terminal 9-21-12/332-333; New Nicholson line 4-26-13/461-462; Tunhannock Viaduct foundations 5-3-13/484-488; Piers 9 & 10 at Jersey City 5-24-13/586-588; Montclair terminal improvements 11-1-13/495-496; Tunhannock progress 11-29-13/594-596; Bloomfield Ave. crossing over Montclair Br 12-6-13/636-637; Montclair Br. improvements 12-20-13/687-689; Martins Creek viaduct 12-27-13/710-712; Replaces country road farm bridges with prefab concrete near Hackettstown, 2-6-15/172-173; Buffalo pass. sta. 3-13-15/334-335; Tunhannock viaduct nears completion 7-10-15/42-43; & opened 11-6-15/583; South Orange sta. and track elevation 3-18-16/378-381; Mountain Sta. 4-22-16/542;
Denver & Rio Grande RR: 100 ton wrecking crane 4-23-04/530-531; Double tracking Eagle River canyon 11-16-07/532-535; Revisions to Pueblo to Walsenburg 9-16-11/326-327;
Denver & Salt Lake RR: Proposed 6 mile tunnel 6-8-12/620-622;
Denver Northwestern & Pacific RR: Construction 2-25-05/223-224;
Duluth & Iron Range RR: Two Harbors ore dock 12-5-08/641-643;
Duluth Missabe & Northern RR: Duluth coal dock 10-23-09/452-455; Duluth ore dock 8-29-14/249-250; New Duluth, St. Louis River bridge 5-25-12/582-583;
Duluth Union Depot Co: Station 1-2-92/70, 72-73, 157, 247, 263, 280, 316, 345, 371, 418-419;
East Tennessee Virginia & Georgia RR: Tenn. River. bridge near Florence, Ala 4-28-94/347-348;
Easton & Northern RR: Easton bridge over Lehigh River 2-10-00/124-127;
El Paso & South Western RR: El Paso shops 1-5-07/7-9;
Erie RR: 128' girder bridge for Bradford Div. 6-11-00/565-566; Wellsville, NY overpass road bridge 8-4-00/101; Kinzua bridge rebuilt 12-1-00/508-512, 587; Passaic River drawbridge 6-30-00/611-612; New Portage viaduct spans 2-4-05/120-123; New line Guynard to Howells, NY 12 miles 8-12-05/174 & 9-8-06/256-258; Bridge #17 of Mahoning Div. long plate girder 9-16-05/324-326; 23rd St.. ferry terminal 12-2-05/627-629; Rochester Br. electrification 12-15-06/671 & 10-12-07/399-404 & 10-19-07/417; Genesee River cut off 3-2-07/307-310; Moodna Creek Viaduct 7-6-07/7-9 & 10-26-07/451-452; Genesee River Viaduct 8-31-07/238-240; Filling a swamp near Cuba, NY on Genesee River RR 4-3-09/384-385; Four track entrance to Jersey City 4-18-08/516-518; Tunnel inspection. car #3862 4-18-08/517; Jersey City station new connection with the Hudson & Manhattan RR 10-16/09/436-438; Bergen Hill 4 track open cut and tunnels 212-18-09/687-689; Penhorn Creek viaduct and Jersey City 4-2-10/401-402; Hackensack River bridge pier 2-25-11/224-225; Penhorn Creek viaduct, Jersey City 4-1-11/353-355; Storage battery trucks for handling LCL 1-6-12/4-5; Cuyahoga River drawbridge replaced at Cleveland 1-4-13/20; Coal car dumper at Cleveland moved 1-9-15/49;
Florida East Coast Ry: Locating a RR in the Everglades 4-2-04/428-429 & 4-9-04/452-453; Key West Ext. viaduct 10-20-06/424-427; Long Key viaduct 11-23-07/558-560; Key West Ext. 4-2-10/396-398;
Franklin & Clearfield RR: construction 7-10-09/36-37
Galveston Harrisburg & San Antonio RR: Houston shop 6-20-14/692-693;
Grand Trunk Ry: New Niagara Falls cantilever bridge replaces suspension bridge 4-24-97/446-449; Victoria bridge over St. Lawrence River at Montreal 10-22-98/444-446; 10-29/466-469 & 11-5/488-491 & 11-11/510-512 & 11-19/ 534-536; Buffalo bridge 6-15-01/566-568; Battlle Creek, Mich shops 1-11-08/41-46; Fort Garry Winnipeg sta and local frt. terminal 6-20-008/787-789; Electrification of St. Clair Tunnel 11-14-08/539-542; Richelieu River bridge at Belveit, 7-24-09/95-96; Winnipeg pass. sta. 5-21-10/675-677; Winnipeg pass. yard 6-18-10/790-791; Coteau bridge replacement 37 miles west of Montreal 12-3-10/628-630; Black Rock, NY swing bridge operation 6-15-12/654; New Montreal grain elevator 10-5-12/383-385;
Grand Trunk Pacific Ry: Tunnels 8-8-14/148-149;
Great Northern Ry: Duluth Union Depot 1-2-92/70, 72-73, 157, 247, 263, 280, 316, 345, 371, 418-419; Columbia River bridge near Rock Island, Wash 1-6-94/86; New line Columbia Falls to Rexford, Mont. 9-3-04/286-287; Avalanche at Wellington in Cascades 3-19-10/57 supplement; Tumwater power plant 10-30-09/480-482; Electrification of Cascade tunnel 11-20-09/570-572; Concrete snow sheds 12-24-10/729; Fraser River bridge at New Westminster, BC 4-30-04/544-547 & 5-7-04//582-583 & 5-14-04/616-617 & 5-21-04/644-647 & 5-28-04/679-682;
Guelph & Goderich Ry: Construction 1-18-08/77-78;
Gulf & Chicago RR: Moving Pontoloc sta. 7-4-14/15;
Hudson Bay Ry: 3-12-10/291, 296-298;
Idaho & Washington Northern RR: Pend Oreille River bridge 11-4-11/524-526 & 11-11-11/556-558
Illinois Central RR: New viaduct and new suburban sta. at Van Buren St, Chicago 7-31-97/180-181; Pile driving car 3-19-04/358-359; 6250 ft Chicago concrete retaining wall 1-27-06/90-92; New Orleans Stuyvestant docks 6-23-08 (or 1907 or 6); 11-12-04/566-567; 7-22-05/98-99; 9-16-05/330-333; Memphis improvements 12-27-13/720-722; Concrete pile trestles 10-3-14/378; Mattoon track depression 11-14-14/537; Proposed new 12th St. Sta. to replace Deerborn, Grand Central & Ls Salle Stas. 9-30-16/404

Illinois Southern RR: New line in Mo. and Ste. Genevieve car ferry 4-16-04/478-480;
Illinois Terminal RR: Edwardsville extension 7-8-05/38;
Indiana Illinois & Iowa RR(?): Marquette swing bridge over Illinois Riv. 5-18-01/473-474;
Indianapolis Southern RR: Richland Creek viaduct 2-23-07/216-217 & 8-3-07/134-135;
Intercolonial Ry: Miramichi River, N.B., bridge 3-14-03/266-268; Halifax piers 6-13-14/662-664
Kansas City & Memphis Ry & Bridge Co: Memphis bridge 7-25-91/120-122 & 5-14-92/397-398;
Kansas City Belt Ry: Line improvement 8-30-13/228-230
Kansas City Fort Scott & Memphis RR: Bull Creek bridge near Paola, Ky 3-5-92/228-229;
Kansas City Union Terminal: Operation 10-31-14/481;
Kentucky & Indiana Terminal RR: Louisville bridge construction 4-29-11/481-482; & 11-23-12/572-573
Lake Champlain & Moriah RR: Arch bridge 3-19-10/334-335;
Lake Erie & Pittsburgh Ry: Brandywine Creek viaduct at Cleveland 1-22-10/98-99; Tinkers Creek viaduct const. 4-2-10/385-387;
Lake Shore & Michigan Southern RR: (See also New York Central) Elyria, Oh stone arch bridge 7-8-99/121; Grand River bridge near Painesville, Oh. 4-24-09/532-534 & 5-1-09/564-567;
Lake Superior & Ishpeming RR: Marquette ore dock 7-6-12/4-6
Lehigh & Hudson River RR: New Warwick, shop 1-11-08/50-52; Atterkill River bridge replaced at Burnside, NY 9-24-10/357;
Lehigh & New England RR: Delaware River bridge at Portland 4-6-09/417-421; Slatington bridge over Lehigh River 4-2-10/4669-472; Daielsville to Tamaqua new line 7-6-12/7-9; Tamaqua skew bridge 10-19-12/445;
Lehigh Valley RR: Easton & Northern RR bridge over Lehigh River at Easton 2-10-00/124-127; Sayre shops 1-21-05/77-81; Towanda plate girder bridge 11-09-07/522-523 & 3-2-07/304-306 & 5-2-08/581-583; Coal storage bldg at Wende, NY 9-4-09/261-262; RR appraisal by ICC 5-16-14/552-556 & 5-30-14/613-617; 136# rail - heaviest yet made 2-12-16/221; Buffalo sta plans 2-19-16/256-258;
Long Island RR: Atlantic Ave. elevation in Brooklyn 6-7-02/538-540 & 6-14-02/553; Atlantic Ave. viaduct 9-5-03/271-273; Tunnels into Manhattan 10-10-03/430-433 & 10-17/458-460: electrification 11-4-05/504-506; Atlantic Ave. terminal construction 3-3-06/288-291; East River tunnel 3-3-06/259-261 & 7-14-06/32-34 & 7-21/66-68 & 7-28/97-101 & 10-10-06/512-515 & 4-4-08/468-470; Long Island City power station 4-7-06/453-460; Steel M.U. cars #104? 8-18-06/189; Bay Ridge bridge improvement 8-18-06/181-184; Brooklyn Terminal improvements 10-10-08/405-407; Description 4-16-10/521-525; Bay Ridge improvements 7-29-11/138-140; Jamaica terminal changes 11-18-11/605 & 1-11-13/46-48; Flatbush Ave. terminal sta. changes 1-13-17/52-54
Louisville & Jeffersonville Bridge Co: Ohio River bridge collapse 12-23-93/51-52, 53-55, 63 & 1-6-94/83 & 1-13-94/104-106;
Louisville & Nashville RR: Nashville union sta 2-24-00/180-182; Cain Creek, Ala branch tbr. trestle 7-23-04/110-111; Ky River high bridge replaced (not L&N?) 12-31-10/775-776; Enlarging a tunnel near Covington, Ky 1-13-12/36-37; Line changes Nashville to Birmingham and south east from Paris, Ky 7-26-13/97-99 & 8-2-13/129-131; line reconstruction Athens, Ala to Decatur 8-9-13/162-163; Cut off Winchester to Irvine, Ky 9-6-13/270-272 & Paris to Winchester 9-13-13/298; Cumberland River bridge 8-30-13/244; Blount and Hayden Mtn. tunnels 8-30-13/232-233; Eastern Ky. improvements cont. 9-27-13/359-361; Storm damage near Bay St. Louis 12-18-15/758-759
Maine Central RR: Car ferry across Kennebec River between Bath and Woolrich 11-23-01/493-494;
Manufacturer's RR St. Louis viaduct 856' long, 5-15-09/642-643;
Michigan Central RR: (See also New York Central) Melan-arch Ry. bridge Detroit 9-28-95/309-310; Reinforcing Niagara Gorge cantilever bridge 10-13-00/340-341 & 10-20-00/364-366; Detroit River tunnel 2-17-06/193-194 & 9-15-06/292 & 3-2-07/260-263 &1-30-09/116-118 & 12-18-09/678-680 & 12-25-09/719-722; Ice house West Detroit yard 7-31-15/132;
Midland Ry (N.S.) Shubenacadie bridge 3-26-04/394-397;
Minneapolis St. Paul & Sault Ste. Marie RR: 10-9-09/410-412; Chicago frt. terminal 8-16-13/188-191;
Missouri Kansas Texas RR: Parson, Ks shop 1-25-08/97-99 & 12-7-07/614-617; Construction between Okla. City and Coalgate 118 miles, Okla. 3-5-04/296-297; Belt Line RR proposed at Dallas to reduce grade crossings 12-11-15/722-725; San Antonio terminal 10-14-16/473;
Missouri Pacific RR: Kansas City flood 9-12-03/300-302; Dupo, Il yard layout 4-13-07/467; 11-12-04/566-567; 7-22-05/98-99; 9-16-05/330-333; Moving Kaw River bridge at Kansas City 5-4-12/488; Tower Grove Ave. grade crossing at St. Louis eliminated 11-20-15/627-629; new New Orleans sta and frt. sta. 6-10-16/765
Monongahela RR: New Geneva Monongahela River bridge 4-26-13/456-460;
Nashville Chattanooga & St. Louis RR: Lookout Mtn. wreck 7-20-07/56;
National Transcontinental Ry: Cao Rouge viaduct 2-22-08/205-206; article 9-25-09/343-344;
Nevada County Narrow Gauge RR: Bear River viaduct 4-30-10/585-586;N
New Orleans Terminal Co: Chalmette yard and docks 7-28-06/88-91 & 8-4-06/125-127;
New Mexico & Southern Pacific Ry: Rio Galisteo bridge near Lamy 7-9-92/95;New York & Greenwood Lake RR: Passaic River drawbridge 6-30-00/611-612
New York & Ottawa RR: Cornwall bridge failure 9-17-98/239; new bridge piers 12-9-99/643-648; Construction 12-29-00/613-615;
New York Central & Hudson River RR: (See also Michigan Central RR, Lake Shore & Michigan Southern RR, Cleveland Cinc. Chicago & St. L. RR, West Shore RR, New York Connecting RR-Hells Gate Bridge) New Niagara Falls cantilever bridge 4-24-97/446-449; Maiden Lane bridge, Albany & other area improvements 10-28-99/498-501; Albany power plant 2-15-02/146-147; El. loco. 2-B-B-2 type 6-4-04/727 & #6000 11-19-04/588-589; Replacing 4 track bridge over Erie Canal near Newark, N.Y. 7-29-05/121-123; Track extension Kentland, Ind. to Danville, Il 54 miles 10-7-05/403-407 & 10-14-05/442;Weehauken terminal power plant 11-11-05/553-557; Daylighting the Ossinning tunnel 3-3-06/254-256 & 9-22-06/330-332; Swing bridge at Brown's Pa on Beech Creek line 7-26-06/105-107; Mohawk River bridge at Schenectady 10-6-06/384--385 & 10-13-06/409-410; Gardenville Yd, Buffalo 11-7-08/510-511; Albany back shop 3-20-09/321-322; Franklin & Clearfield RR construction 7-10-09/36-37; West Albany shop power plant 2-18-11/190-192; New Pittsburgh Cleveland line to connect with P.&L.E. at Youngstown 9-7-12/276-277; Utica improvements and track layout 5-31-13/596-599; New Rochester Sta. 12-13-13/666; Utica sta. 2-28-14/247-248; Line change at Rome 2-21-14/221-222 & 3-7-14/282-283 & 10-10-14/412-414; Castleman cutoff proposed south of Albany 2-24-17/312-314; New Dayton bridge over Miami River 3-6-17/350-351;
New York area: 4 track Harlem River swing bridge 1-25-96/133-134 & 2-15-96/184-185 & 2-29-96/221-222 & 9-12-06/272-273; Park Ave. viaduct 9-26-96/309-311 & 3-27-97/358-359 & 4-10-97/400-402; Grand Central Sta. remodeled 6-17-99/56-78; Grand Central Depot yard improvements 3-5-04/300-302; Yonkers power house foundation: 12-10-04.676-681; Pocahontas tunnel on the Port Morris Br. at New York City 8-26-05/245-247; Marble Hill cut-off and Port Morris Br. 11-4-05/512-515; Port Morris & Yonkers power sta 11-11-05/534-536; Grand Central Sta. yard improvements & sta. plans11-18-05/562-566; New York office bldg 2-24-06/222-225 & 8-24-07/198-199; Remove tracks on 11th Ave. 3-31-06/412-413; 42nd St. terminal progress 9-8-06/272-273; Grade crossing elimination in electric zone 9-7-07/270-271; Removal of train shed from Grand Central Sta. 9-19-08/321-324; Grand Central Sta. construction 12-19-08/7-1-703 & Construction of yards 8-18-11/217-218; Erecting 8-24-12/222-223; Track depression along Park Ave 9-30-11/396-397; 4 track Harlem River line at Oscawanna, NY 10-5-12/386-387; Opening Grand Central Sta. 2-8-13/144-148 & 21-22-13/210-211; Grain elevator explosion pier #7 West New York 7-24-15/119-120; West side Manhattan improvements filed 5-6-16/612-614;
New York Chicago & St. Louis RR: 18 Mile Creek viaduct 9-20-02/266-268; Sadusky River bridge at Fort Seneca, Oh. 4-14-06/481; Replacing Ashtabula viaduct 5-19-06/612-614; Cuyahoga viaduct, Cleveland 1-9-09/44-46 & 6-5-09/722-725; Girder bridge 79th St, Chicago over I.C.RR 3-11-16/354-355
New York Connecting RR: Hell Ga6te Bridge proposal 6-1-07/648-649; Route 7-19-13/79-82; 9-20-13/328-330; 6-27-14/734-736; fabrication bridge 12-26-14/684-686; 3-27-15/399-400; progress 5-1-15/568-569; 6-9-15/789; completed arch 10-9-15/438-440; Dedication 3-17-17-/411, 443;
New York New Haven & Hartford RR: New South Station, V.39, 12-31-98/91-93, 1-7-99/115-117, 1-14-99/134-136, 1-21-99/157-159; See New York Central RR - N. Y. Area for articles on new station, track and yard changes, electrification. See New York Connecting for Hall's Gate Bridge. Wilkensville, Mass. stone arch bridge 4-13-95/352-3253; Erecting plate girder bridge 10-10-96/344-345; Electrifying Hartford to Berlin, Ct. 5-15-97/516; Providence train shed 3-19-98/345; Providence union sta 11-12-98/518-520; Fort Point channel bridge, Boston 8-19-99/261-265;S Scherzer bascule bridge at Bridgeport, Ct. 7-11-03/39-41; Bridgeport improvements 7-23-04/104-105 & 7-30-04/127-128; Harlem River & port chester line improvements 10-1-04/398; Warren, R.I. electric generating plant for Fall River br. 1-21-05/73-75; Poughkeepsie Br. strengthening 10-28-05/485-486; Replacing a Howe truss with girder bridge at Wildsonville, Ct. at same spot 6-17-05/681; plate girder bridges 10-7-05/407-409; El. loco #01 3-24-06/402-404; Catenary system 4-7-06/461; Derrick car 8-25-06/218-219; Track improvements at New Haven 4-13-07/479-481; Warehouse Point bridge 4-27-07/520-521; Electric operation 8-17-07/171-172; 6 track Harlem River bridge 11-9-07/506-509; Temporary jackknife drawbridge over Bronx River 1-4-08/13-15; Providence tunnel 11-7-08/512-515; Worcester, Mass. track elevation and new sta 10-30-09/489-491; Seekonk River bascule Bridge at Providence 11-20-09/577-579;Worcester, Mass. union sta. demolition 2-22-10/243; Terryville tunnel 2-26-10/250-251; Oak Point, Brooklyn float bridges on East River 3-12-10/30-304 & 4-21-10/406-407; Providence Sta. and viaduct 10-22-10/472-473; Mill River bridge, New Haven 11-14-08/556-558; Waterbury sta. and frt. terminal improvements 5-29-09/683-684; Naugatuck River bridge at Waterbury (no pictures) 8-19-11/215-216; Cedar Hill Yd & concrete roundhouse 9-9-11/295-297; 6 track bridge at New Haven 4-13-12/406-407;Westerly, R.I., bridge relocation 10-12-12/400-401; Opening Grand Central station 2-8-13/144-148 & 2-22-13/210-211; (See New York Central RR listings for other Grand Central items.) Thames River bridge 12-16-16/737-739;
New York Ontario & Western RR: Replaces Hancock bridge 3-2-12/249; Replacing bridges and viaducts 212-19-14/668-670;
New York Providence & Boston RR: Kingston, R.I. stone arch bridge 4-13-95/352-353;
New York Susquehanna & Western RR: Elimination of crossing of DL&W RR at West End 7-23-10/108;
Norfolk & Southern RR: Albemarle Sound trestle 4-30-10/591-592;
Norfolk & Western Ry: Appomattox River br. near Farmdale, Va. 4-29-05/501; Elizabeth River new bascule bridge 8-22-08/218-219; Hayesville, Oh. concrete coaling sta. 9-3-10/272-274; Potomac River bridge at

Shepherdstown WV 12-31-10/782-783; Gravel washing & crushing ballast plant near Cincinnati 10-12-12/404-405; Lamberts Point pier #4 1-24-14/90-92; Electrification 6-5-15/704-706;

North Alabama RR: Cain Creek, Ala branch timber trestle 7-23-04/110-111;

Northern Pacific Ry: Duluth Union Depot 1-2-92/70, 72-73, 157, 247, 263, 280, 316, 345, 371, 418-419; Marient Gulch viaduct 12-5-91/12; Granite viaduct between Hope and Spokane, Wash 9-15-94/250-251; Bismarck, N.D., bridge rebuilt 2-24-06/231-233; Clearwater Short Line Ry Lawyer's canyon viaduct 9-26-08/360-361; Point Defiance tunnel, Tacoma, 2-7-14/167 & 2-27-15/272-273; Point Defiance line relocation eliminates heavy grades 6-12-15/744-745

Northwestern Pacific RR: 100 mile extension closes gap 12-13-13/664-665;

Ohio Connecting RR: Brunot's Island Bridge, Pittsburgh 12-20-90/41-42;

Omaha Bridge & Terminal RR: Mo. River bridge 3-3-96/218-220 & 1-24-03/98-103;

Oregon Short Line RR: Snake River bridge 3-14-96/256; Snake River Bridge and other bridges and tunnels 9-12-03/307-309;

Oregon Trunk RR: Celilo bridge 1-20-12/64-65;

Oregon - Washington RR & Nav. Co.: New Spokane line 7-20-12/64-65; Moving 300 ton bridge pier for Spokane River near Spokane 2-28-14/255; Montesano Chehalis River 1-2-15/17; Spokane terminal improvements 2-20-15/234-236; Enters Seattle and Tacoma 9-24-10/344-345;

Ottawa & Gatineau Ry: Ottawa River bridge at Napean Point, Ont-Que 12-7-01/538-541 & 12-14-01/563-565;

Paducah & Illinois RR: Metropolis Ohio River bridge 7-10-15/53 & 12-23-16/774-775;

Pennsylvania RR: (See also West Jersey & Sea Shore RR, Pitts, Cinc. Chicago & St. L.RR, Phila. Baltimore & Wash. RR), Pitts. Ft. W. & C.RR) Standard roadbed construction 11-17-06/559 & 2-2-07/120-122; New semaphore signal procedures 3-16-07/367-368;

N. Y. and N. J.:: Jersey City train shed 8-5-99/215-218; Camden ferry terminal and train shed 9-14-01/242-244; Moving Raritan River bridge 7-5-02/10-11 & 10-10-03/420-423; Manhattan and Weehauken air shafts for tunnels 11-14-03/601; Shields for Hudson River tunnel construction work 4-29-05/483; Proposed Penn Sta. 5-26-06/650-661; all steel coaches 9-1-06/224; West Jersey & Sea Shore electrification 10-10-06/519-521; Greenville, N.J., terminal track layout 5-11-07/567-569; Penn Station 4-9-10/489; Substructure for Penn Sta. 10-1-10/378-379; Pennsylvania Sta, N.Y. construction 9-9-11/292-294 & 11-18-11/606-607; Rapid transit line from Newark to Jersey City 10-21-11/468-470; Moving pier D's 2 story bldg in Jersey City 5 miles to Greenville on barges 11-25-11/621; Rahway, NJ, track elevation & N.Y. & L. B. RR underpass 12-28-12/720-721; Terrible snow and ice blizzard in March in N.J. 4-11-14/414-415;

Del. & Md:: First St. tunnel, Washington 5-20-05/566-567 & 6-3/632-634; Havre de Grace bridge 4-28-06/526-529 & 3-9-07/325-326 & 3-30-07/416-417; Baltimore concrete grain elevator 2-20-09/200-201;

Philadelphia area: Bridge #69 over Schuylkill River near Girard Ave, Phila. 4-22-99/466-470; Phila. train shed at 15th St & Market 6-10-93/22-25; Delaware River bridge at Bridesburg, Phila. 11-25-99/594-596; The RR at 52nd St. Phila. 10-25-02/398-399;Walnut St., Phila., girder bridge 6-3-05/634; Broad St, Phila. terminal new interlocking signal system 6-27-08/809-811; Trenton Ave elevation line of Kensington Br. 8--7-09/153-155; Girard Point, Phila. grain elevator 1-10-14/54-56; Schuylkill River main line arch bridge 2-14-14/196-197; Concrete slab bridge over roads at Bristol, Pa. 5-20-11/552-553; New railroad improvements in south Philadelphia 9-11-13/324-329; M.U. electric train service inaugurated to Paoli 11-13-15/590-593;

Penna: :Cause of South Fork, Johnstown dam 8-29-91/198-200 & 9-5/? & 9-12/238 &9-19/245; Rockville masonry arch bridge 11-9-01/450-451; Pittsburgh train shed 8-23-02/172-174 & 11-1-02/419-421; Pittsburgh Union Sta. power plant 3-21-03/297-299; Altoona car wheel fdry 4-8-05/396-399; Brilliant cut-off at Pittsburgh 5-6-05/528-530; Low grade frt. line construction along Susq. River and the central compressed air plant to use in construction 10-28-05/478-481; Low grade line cut-off Parkersburg west to & up the Susq. River 12-16-05/674-677 & 12-23/707-710; Gallitzen tunnel construction 5-5-06/567-569; & 5-212-06/597-598; Morrisville coaling sta 4-27-07/512-513; Altoona testing plant 5-4-07/540-542; Pitcairn Yd, 15 miles east of Pittsburgh, changes 10-12-07/406-408; Blairsville, Pa. track improvements 1-4-08/9-12; Glen Loch bridge accident kills 4 12-14-12/659; Rochester branch bridge at Portageville over Genesee River replaced 4-12-13/407; Grade crossing elimination at 2nd Ave. & Try St at Monongahela River bridge 7-12-13/32-35; Ohio River bridge at Brunot's Island, Pittsburgh 7-17-215/82-84; Cumberland Valley Harrisburg bridge opened 2-12-16/229 & 9-16-16/340-342; Trenton cut-off & new Langhorne bridge over P&R RR 3-18-16/383-384; Pottstown bridge over Schuylkill River 8-12-16/197;

West of Pittsburgh: Scherzer double bascule bridge over Chicago River near Taylor St & 12th (Not Pa. RR ?)St 9-23-99/382-383; 8 track bascule at Chicago 5-26-00/491-492;5-26-00/491-492; track elevation at Cleveland 3-16-07/360-361; New coal and ore handling facility at Ashtabula 9-12-08/284-288; 8 track bascule bridge over Chicago drainage canal 8-13-10/192-194l; Steubenville, Ohio bridge 7-1-11/19; Cleveland ore dock 2-24-12/212-213; Mooresville, Ind. bridge fallen span in flood 4-19-13/442-443; The terrific Ohio and Indiana flood damage with map 9-13-13/301;Cleveland grade crossing separation 6-20-14/710-712; New south branch of Chicago River bridge 5-15-15/611-613; Miami River bridge at Dayton 4-22-16/548-549; Rockwood grade crossing eliminated at Cincinnati 7-29-16/144-146; Chicago frt. terminal at Polk St 11-11-16/594-595.

Equipment: Pass. car ventilation system 9-24-04/367-368; Clearance car #495601 4-1-11/361;

Peoria & Pekin Union RR: Peoria train shed 12-8-00/535-536; Illinois River bridge at Peoria replaced 6-14-13/657.

Philadelphia & Reading Ry; Phila. train shed 7-16-92/115 & 8-20-92/184-185; Phila. power plant 11-16-95/442-444; Proposed Penna. Ave. subway to Market St. terminal 4-18-96/347-349; Phila. 18th St. bridge 10-14-99/451; Concrete bridges on the N. Y. Short line RR 10-13-06/396-400; Rutherford yard 5-4-07/543-544; Phila. grade crossing elimination 7-11-08/48-49 & 4-17-09/523-525; Concrete coaling pier where Green St. sta. was 9-3-10/272-274; Port Reading creosoting plant 8-10-12/148-150; Yardley bridge 10-12-12/406-408 & 5-3-13/493-494; Milton bridge over Susquehanna River 5-20-16/676-677.

Philadelphia Baltimore & Washington RR:(See also Pa. RR) Potomac River being replaced 7-30-04/144-145; Virginia Ave. tunnel 8-27-04/252-254; First St. tunnel at Washington 9-10-04/300-301 & 9-17-04/341-342; 4 track concrete arch bridge over Gwynns Falls, Baltimore 2-21-14/212-213; New bridge Gunpowder & Rush Rivers south of Wilmington 8-9-13/144-145 & 5-2-14/511-514

Phoenix & Eastern RR: Collapsed bridge over Salt River 4-15-05/433;

Pittsburgh & Lake Erie RR: McKees Rocks yard and shops 8-8-08/153-157; Shenango River Bridge replaced 8-18-06/180; Beaver Bridge piers 11-19-10/574-576; Beaver Bridge over Ohio River 1-28-11/92-99 & bottom chord load forces and size 11-11-11/273-275; Pittsburgh train shed extension 3-2-12/241; Connellsville bridge 4-6-12/380-381; Track maintenance 12-7-12/624-626; Repairing flood damage 4-19-13/449-450; McKees Rock yard lighting 10-24-14/455;

Pittsburgh & West Virginia RR: Mingo bridge of Cross Creek RR 10-3-03/393-395;

Pittsburgh Bessemer & Lake Erie RR: 10 viaducts in Pittsburgh area near Plum Creek 4-28-00/395-397;`

Pittsburgh Carnegie & Western RR: Monongahela bridge 1-3-03/2-10 & 3-5-04/276-279, 313; 4-2-04/424-427 & 4-9-04/455-458 & 6-18-04/758-759; Wabash RR in Pittsburgh 6-18-04/758-759;

Pittsburgh Cincinnati Chicago & St. Louis RR: (See also Pa. RR) Cast iron bridge at 4th Ave, Pitts replaced 12-19-03/783; Columbus union depot 11-20-97/542-544; Newport & Cincinnati bridge 7-23-98/158-160 & 7-30/182; Steubenville bridge reconstruction 11-26-10/596-601; Muskingum River bridge at Ellis, Oh. 9-26-14/352; Rebuilding Richmond to Indianapolis line 25 miles and arch bridge 3-4-11/255; Piqua, Oh track elevation 11-15-13/547-549;

Pittsburgh Fort Wayne & Chicago: (See also Pa. RR) Indiana harbor ship canal bascule bridge 3-27-89/354-356; Allegheny River bridge #1 at Pitts. 10-11-02/338-341 & 10-18/364-366; Chicago track elevation 6-23-06/759-760; Maumee River drawbridge at Toledo 5-2-14/492-493 & 5-23-14/592-594 & 6-6-14/643-645.

Pittsburgh McKeesport & Connellsville RR: Ry. power plant 9-5-03/264-268; Allegheny River bridge at Pittsburgh moved 5-31-02/506-508;

Pittsburgh Shawmut & Northern RR: Stony Brook Glen viaduct 7-4-08/18-20;

Quebec Ry. & Bridge Co: Design 4-1-05/368-370 & 4-8-05/408-409; Progress 9-16-05/312-314; & 6-23-06/762-764 & 12-1-06/594-596 &1-13-07/71-72 & 1-26-07/92-94 & 2-23-07/198-201 & 6-22-07/736-738 & 7-6-07/25-27; Bridge failure 9-7-07/ & 9-14-07/276 & findings report 3-14-08/283 309-330; & 4-11-08/504-510 & 4-18-08/529 - 539; Reconstruction begun 9-10-10/286-287 & 9-24-10/346-348 & 10-1-10/372-374 & 10-15-10/444-445; Proposed new design 4-22-11/437-438 & 5-27-11/582-583; substructure 11-30-12/596-598; constrution 9-20-13/321-324 & 9-27-13/354-356 & 10-4-13/383-385; & 3-14-14/300-301 & 3-28-14/366-367 & 4-18-14/436-438 & 6-13-14/667-668 & 1-16-15/80-81 & 7-24-15/96-100; To place central span 8-26-16/273; Center span collapses 9-16-16/363-366 & 9-23-16/370-376 & 10-7-16/432-433;.

Richmond Fredricksburg & Potomac RR: Gravel ballast washing plant 4-6-12/385-386.

Richmond Nicholasville Irvine & Beatyville RR (Ky): Marble Creek viaduct 4-18-91/326-327;

St. Clair Terminal RR: Clairton bridge over Monongahela River, Pittsburgh 4-16-04/487-489l

St. Clair Tunnel Co: El. loco. and tunnel 1-26-06/71-72;

St. Joseph & Grand Island RR: Missouri River bridge 6-3-05/638-640;

St. Louis Des Moines & Northern RR: Des Moines River trestle under construction 10-14-93/312;

St. Louis Kansas City & Colorado RR: CRI&P's St. Louis Div. 10-22-04/472-476 & Eldon sta. 10-29-04/500-502, 503;

St. Louis Municipal Bridge: 10-30-09/486-488 & 12-3-10/641-643;

St. Louis San Francisco RR: Elimination of Tower Grove Ave. grade crossing in St. Louis 11-20-15/627-629;

St. Louis Southwestern Ry: Thebes bridge 11-12-04/566-567; 7-22-05/98-99; 9-16-05/330-333;

St. Paul & Kansas City Short Line RR: New coal road 8-31-12/242-243

San Pedro Los Angeles & Salt Lake RR: Santa Ana river viaduct at Riverside 9-9-05/284-287;

Seaboard Airline RR: Sandy River viaduct rebuilt 5-20-11/570-571. Reopen tunnel north east of Birmingham after fire 10-28-11/496-497

Southern Ry: Lookout Mtn. tunnel construction 6-2-06/647-675; Aocrete arch bridge at Austell, Ga. 9-22-06/315-318; George's Creek viaduct near Greenville, S.C. 1-12-07/50; Jasper-French Lick extension tunnel 10-12-07/393-394; Chattahoochie River viaduct 8-29-08/233-234; Double tracking Greensboro to Spencer, NC 7-4-08/22-24; French Broad River bridge on Asheville - Craggy, N.C. line 1-7-11/12-13; Lynchburg cut-off & Rivermont tunnel 4-8-11/376-379; System improvements 5-13-11/539-540; Ashville,NC bridge survives flood 8-5-16/167;

Southern Bridge & Ry Co: New Orleans Mississippi River bridge proposed 11-24-06/569-571 & 12-1-06/611-612;

Southern Illinois and Missouri Bridge Co (Thebes bridge): 11-12-04/566-567; 7-22-05/98-99; 9-16-05/330-333; 11-12-04/566-567; 7-22-05/98-99; 9-16-05/330-333
Southern Missouri RR: Construction near Ste. Genevieve 4-16-04/478-480;
Southern Pacific RR: Galveston grain elevator 12-5-03/688-691; Santa Susana tunnel 5-20-05/572-573; Increasing capacity over the Sierra and Roseville improvements 12-14-07/649-650; Dunbarton Point Bridge 7-23-10/110-111 & 8-13-10/172-174; Pecos River viaduct strengthened 10-29-10/486-487; Tunnel #7 fire near San Luis Obispo 1-10-14/41-42; Willamette River bridge fire damage 1-31-14/137-138; Tunnel #15 fire near Tehachapi 6-26-15/797; New Los Angeles station 12-25-15/783-784;
Spokane Portland & Seattle RR: Bridge construction 11-14-08/555-556;
Staten Island RR: Ferry terminal 6-29-07/761-765;
Temiskaming & Northern Ontario RR: Porcupine Branch construction 2-8-13/163;
Terminal Railroad Association of St. Louis: Union depot floor plans 7-13-05/121-122 & 8-10-95/193-194; Power plant for the union station 1-28-05/92-96; St. Louis improvements with old and new track layouts at the station 8-5-05/143-147;
Texas & Pacific RR: Memoirs of Grenville M. Dodge during 1860s construction 3-200-09/313-315; 200' double track ry incline bridge at New Orleans car ferry 10-24-03/489-492; New New Orleans pass. & frt. stas. 6-10-16/765; Belt line proposed for Dallas to reduce grade crossings 12-11-15/722-725;
Toronto Hailton & Buffalo Ry: Hamilton tunnel 8-28-97/268-271;
Transcontinental Ry: River du Miliew bridge see magazine indexes for 1913 and 1914 for location of article; Tobique bridge 9-19-14/338;
Uintah Ry: Description 2-15-13/180;
Union RR: Rankin bridge over Monongahela River 11-16-01/465-470; Monongahela other viaducts 4-28-00/395-397; Fort Perry viaduct 5-19-00/465-467 & 6-2-00/516-518;
Union Pacific RR: (See also Oregon Short Line RR, Oregon Washington RR & Nav. Co. RR, San Perdros Los Angeles & Salt Lake RR) Omaha Mo. Riv. bridge 8-27-98/268-269; Making a high embankment Laramie to Buford, Wy 2-2-01/98-99; Lane Cut-off and other main line improvements 4-4-08/394-397; Locating the U.P. in the 1860s - memoirs of Grenville M. Dodge 3-20-09/313-315; Kaw River bridge at Kansas City rebuilt 4-19-13/434-436 & 5-31-13/601-602; Willamette River bridge fire damage 1-31-14/137-138; New Omaha bridge over Mo. Riv. 1-6-17/39;
Virginian RR: Construction of the Deepwater Ry and Tidewater Ry 12-15-06/650-655 & 12-22-06/681-685 & 12-29-06/719-723; Sewells Point coal dumping 2-5-10/148-152; Allegheny Summit tunnel 9-19-14/324-325; Coaling sta. at Elmore 1-2-15/22-23;
Wabash RR: (See also Pittsburgh Carnegie & Western RR, Wabash Pittsburgh Terminal RR) Tracks at St. Louis Expo 1-30-04/131-132; Forest Park bridge at St. Louis 11-5-04/549-550; Sangamon River bridge near Decatur, Il 5-16-08/640-641; St. Charles bridge strengthening 5-13-11/526-527; Hannibal Miss. Riv. bridge shifted 11-1-13/500; Attica, Ind. bridge wreck 4-25-14/486-487;
Wabash Pittsburgh Terminal RR: Pittsburgh train shed 11-12-04/577-579; Clairton bridge 3-12-04/323-326; Mingo bridge of Cross Creek RR 6-25-04/789-791 & 7-2-04/27-30 & 11-26-04/616-618 & 12-3-04/659, 661 & 12-10-04/689-690;
Washington Union Station Terminal Co: Design 10-31-03/528-530; Substructure construction 8-6-04/152-154 & 8-13-04/202-205; Progress 11-5-04/528-535 & 3-11-05/294 & 4-14-06/483-484 & 3-23-07/383-384; Tracks and interlocking 11-14-08/542-544;
West Jersey & Sea Shore RR: Electrification 10-10-06/519-521;
West Shore RR: Weehauken grain elevator pier #7 12-28-01/620-622; Rondout viaduct being replaced 7-17-04/88-89 & 12-24-04/745 & 4-7-06/440-444; New Weehauken grain elevator and terminal 4-8-05/401-404; Weehawken float transfer bridge 2-15-08/185-188; Clyde River bridge at Lyons, NY replacement 10-24-08/463-465;
West Virginia Short Line RR: Bridges 1-18-02/50-53;
Western Maryland RR: Cumberland extension 3-4-05/236-239 & 3-11-05/304-308 & 3-18-05/320-324; Baltimore terminal facilities 7-1-05/4-7; Bridges on Cumberland Ext. 7-15-05/65-68; Tonoloway Creek bridge on extension 7-29-05/132-133; Indigo tunnel 1-27-06/95-96; Connellsville Ext. 12-31-10/777-779; Salisbury viaduct on extension 2-11-11/166-167 (no picture).
Western Pacific RR: Engineering organized 8-3-07/117-119 & 9-28-07/334-339;
Wheeling & Lake Erie RR: Maumee River bridge at Toledo wrecked 11-19-04/596-597;
Wisconsin Central RR: Duluth pass. station and terminal 9-25-09/356-359;
Yazoo & Mississippi Valley RR: Beulah levee in Boliver County, Miss. 7-5-13/4-7.

CITY AND STATE AREA ARTICLES

Buffalo: area unification of all frt. terminals proposed 10-18-13/431-432.
Chicago : Track elevation 5-29-09/679-682; RR terminal situation 1-31-14/131-132.

INDUSTRIAL RAILROADS AND PRIVATE CAR COMPANIES

American Bridge Co (Ambridge, Oh): storage battery loco. 12-5-03/685
American Carrara Marble Co: Incline cable RR in Nev. 9-16-16/355
Cherry Valley Tbr. Co: RR camp bldgs 1-13-17/67;/
Lehigh Coal & Nav. Co: Experimental 2 mile electric ry to haul canal boats 3-21-08/341-342
Miami & Erie Canal Transportation Co: Electric loco. to pull canal boats between Cincinnati, Hamilton and Middletown, 42 miles 11-14-03/596-598
Pacific Fruit Express Co: Precooling cars at Colton, Cal 7-30-10/125-128;
Portland Cement Co (Portland, Colo.): narrow gauge electric tramway 2-20-04/223-226
Santee River Cypress Lbr. Co. (S.C.): Log RR described 10-26-12/456-458.
Shawnigan Water & Power Co. incline ry (Ont.) 8-10-12/163-164
Swark & McIntyre Const. Co. use of RR and Shay loco. for highway construction at New Lexington, Oh.
United Pocahontas Coal Co: Viaduct for mine cars over Pinnacle Cr. 11-18-16/618-619
Whiten Machine Co, Whitensville, Mass. : 100 horsepower electric loco. for 2 mile Ry. 12-5-91/16

ELECTRIC RAILWAYS (Cable, trolleys, elevated, subway, interurban rys)

History of elevated railway development 1876-1893 9-14-95/276-277
Compressed air street motors of Mekasski design 7-11-91/91-92
Dummy steam locos and street rys in retrospect 4-30-04/535
Cable Rys: Cables and their transportation 8-17-95/702-705
Cars, Streetcar fenders (no pictures) 11-25-93/405-406;

Aurora Elgin & Chicago Ry: Power plant 2-7-03/153-156;
Bennington & North Adams St. Ry: construction 3-2-07/310-312;
Boston & Worcester St. Ry: South Framingham power plant 10-4-05/438-441;
Boston - Note: The elevated railway company also controlled the street and subway lines . Some of the elevated railway articles may pertain to street railways.
Boston elevated: Construction 3-17-00/245-249; Extension to Forest Hills 11-6-09/520-522; Forest Hills terminal 4-9-10/499-501; Charles River bridge 12-17-10/692-695; Line near Cambridge St. 1-20-12/66
Boston subway: 1-23-97/159-161 & 5-15-97/511-514 & 7-10-97/114-119; Projected underground rys 12-27-02/607; East Boston tunnel 11-7-03/552-554 & 11-14-03/585-587; Court St. station 2-18-05/199; Main St. subway 1-10-10/8-9; Washington St. tunnel 5-16-08/634-636; Beacon Hill subway tunnel 7-13-12/32-36; Boylston St. subway 1-3-14/16-19; South St. at Dewey Square 12-30-16/800-802; subway station street entrances 2-3-17/`175-177;
British Columbia Electric Ry: Fraser River bridge at New Westminster, BC 4-30-04/544-547 & 5-7-04//582-583 & 5-14-04/616-617 & 5-21-04/644-647 & 5-28-04/679-682;
Broadway Cable RR (See also Metropolitan St. Ry. Co.): Construction 11-7-91/366-368 & 11-14-91/384-385; Houston St. power sta. 9-3-92/214-217 & 10-1-92/281-283 & 3-17-94/254-256;
Brooklyn rapid transit (See also New York rapid transit): Brooklyn Heights RR Brighton Breach line 5-18-07/603-604; Brighton Beach line concrete station platforms 11-23-07/579; Williamsburg power plant 9-23-05/354-358; Triborough subway and elevated line in Brooklyn 9-10-10/288-289; Brooklyn 4th Ave. subway line construction 10-22-04/488-490 & 10-29-04/514-515 12-3-10/634-634 & 12-17-10/700-702; Subway under Fulton St and Flatbush Ave. 12-23-05/705-707 & 12-30/05/745-747
Charles City Western Ry (Ia): Described 9-10-10/291-292;
Chicago & Oak Park Elevated RR: Raising the structure for four blocks 11-3-08/372-373;
Chicago rapid transit: (See also South Side Rapid Transit Co. and Chicago & Oak Park Elevated RR) Subway proposed 2-21-03/201-202; Coal handling for power plant in Chicago & Alton RR and C. & E. I. RR yards 3-31-06/414-416; Rehabilitation of tracks in streets 10-19-07/432-434; Washington St. tunnel for street cars 4-2-10/402-404; 40th St. elevated 7-13-07/32-35; Unified elevated ry plan to enlarge the loop 12-23-16/770-772;
Cincinnati Richmond & Muncie RR: construction 1-21-05/64-65;
Cleveland St. Ry: Water street flushing car #0223 7-8-16/45-46; Bridge over B&O collapses 10-14-16/483;
Conestoga & York Furnace El. Ry (Pa): Ice wrecked bridges 2-27-04/257;
Des Moines City Ry: New power plant 7-12-02/25-27;
Detroit United Ry: Kerwin concrete 4-2-04/421;
Duquesne Incline Plane: Reconstruction 10-19-12/440-441;
East St. Louis & Suburban Ry: Power plant 8-3-07/124-126;
Elgin Belvidere Electric Ry: 4 span bridge at Belvidere, Oh. 9-1-06/237-239;
Fort Dodge Des Moines & Southern RR: Replaces Boone timber trestle with steel viaduct 2-15-13/187-188.
Greenfield & Deerfield St. Ry: Greenfield bridge 4-9-04/462-463
Gulfport & Mississippi Coast Traction Co: 10-19-07/435-436;
Hudson & Manhattan RR: Tunnel plans 7-25-03/95-98; Opened 2-29-08/249-251; New downtown line opened 7-24-09/107-108; Jersey City car shop 8-26-11/236-238; Rapid transit from Newark to Jersey City 10-21-11/468-470
Illinois Traction Co: McKinley bridge falsework accident 1-8-10/44: McKinley bridge 4-30-10/572-574; Automatic block signals 6-17-11/670-671
Indianapolis & Cincinnati Traction Co: Inaugeration of service 2-18-05/192-193; Powerhouse 3-18-05/329-330;
Indianapolis New Castle & Toledo Electric Ry: Concrete cantilever bridge 4-25-08/552;
Interborough Rapid Transit Co (New York City. See also New York rapid transit) : Power house at 58th St & llth Ave 1-23-04/98-100 &10-1-04/384-388 & 10-8-04/424-427 & 10-15-04/456-458 & 10-22-04/490-493 & 10-29-04/510-512 & 11-5-04/541-543; Signal system 11-12-04/568-570; Subway division power house 3-25-05/345; Building an elevated railway yard 2-16-07/177; Manhattan elev. line reconstructed at Manhattan Bridge on 2nd Ave. line 5-28-10/697-699 & 6-11-10/752-754; 240th St. car storage yard 10-15-10/442-443; Lexington Ave. subway construction 106th - 118th Sts 5-4-12/498 & 8-31-12/237-239 & 9-7-12/270-271 & 12-14-12/660-662 & 8-9-13/147-148 & 8-23-13/216-217; Adding third track to 2nd Ave. ell. 1-16-15/86-87; Times Square Sta. redesign 3-24-17/452-455; 2nd & 3rd Ave. Elev. line Harlem River drawbridge 9-4-15/298-299; 9th Ave. elev. 3rd track added 9-18-15/363-364; Elevated reconstructed at Chatham Square 10-16-15/470-471 & 1-15-16/95; 2nd Ave. Elev. 3rd track 6-19-

15/781-783; Lexington Ave. subway to Bronx 5-15-15/616-619; 2nd Ave. Elev. 3rd track placed above existing platforms 7-31-15/138-139; 9th Ave. express track put into service 8-21-15/241;
Kansas City St. Ry: 12th St. viaduct 2-6-15/164-166
Lackawanna & Wyoming Valley RR: 3rd rail operation 6-13-03/623, 624-627;
Louisville Street Ry: Shops 7-4-14/17
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Metropolitan St. Ry (New York city) See also Broadway Cable RR: 31,800 ft. cable 1-5-95/94-95; New power sta 12-23-99/600-696; Kingsbury power sta. 7-2-04/10-14;
Michigan Rys: 2400 volt line between Kalamazoo & Grand Rapids 7-10-15/40-41;
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Montreal & Southern Counties Ry: St. Francois River bridge wrecked by ice 9-12-14/305;
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New York rapid transit: *Engineering Record* was published in New York City and so carried a huge amount of material on the city's rapid transit, many being short items which I did not index. The excellent coverage began early in 1892 and continued for two decades. (See also Interborough Rapid Transit Co., Metropolitan St. Ry, Broadway Cable Ry, Brooklyn rapid transit):
Rapid transit problems 10-10-91/295-296, 299-300 & 10-24-91/334-335; Underground plans for Broadway 11-26-92/411-414 & 12-3-92/9-11 & 12-10-92/27-29 & 12-17-92/49-53; elevated sta. heating 12-17-92/58-59; Moving the tunnel transversly at 136-138th Sts. 12-21-01/590-592; Work on the second division 7-19-02/52-55 & 7-26-02/81-82 & 8-2-02/102-103; Harlem River runnel progress 8-20-04/212-215; Manhattan Valley viaduct 125th-133rd St 3-28-03/313-316 & 8-8-03/156-157; Division 4 construction 7-4-03/16-19; division 3 construction 8-22-03/210-213 & Harlem River const. 9-5-03/268-270 & at Central Park 9-19-03/335-339; Harlem River tunnel 12-26-03/815 &5-14-04/608-611
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FORTUNE MAGAZINE 1930 - 2011

Fortune Magazine is on microfilm so that many university libraries have it as do larger public libraries. The magazine began in 1930. While it had few railroad articles, those that it did covered the subjects thoroughly, often with large photographs. The magazine has a cumulative index, Feb. 1930 - Aug. 1946 which is on the microfilm. If any dates below are wrong and you are reading microfilm, check its index under Railroads.

From 1961 to 1980 the magazine had only one up-beat article on railroads, the Burlington Northern merger. From 1880 to 1985 it did not have any articles. The articles often presented a different perspective from what appeared in *Railway Age.*

I indexed by date / page number. After 1946 I give usually only the initial page number as I did not look up most of them. I indexed from the table of contents. Most items are full length articles, but a few are editorials and news items usually dealing with competition and labor. The magazine became bimonthly in 1978.

An excellent reflection on the railroad industry is *Fortune.* It did not carry a single railroad article from 1999 until 2009, ten years. From 2009 to 2011, three years, it carried five, one of which was very disparaging of the U.S. and rightfully so because times have changed in railroad but the U.S. attitude has not.

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This magazine began in December 1585 and continued until 1920s. It was a weekly, and a volume was six months. For railroads the value is in the pictures, particularly prior to 1880 as there were few illustrations of any kind in magazines until that time. I indexed it to August 1882 by which time there was much less railroad than previously, and other magazines did a better job of illustrations. I only indexed articles with illustrations. This magazine is on microfilm, but few libraries seem to have it complete.

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THE FRANKLIN INSTITUTE JOURNAL AND AM. MECHANICS MAGAZINE 1826 - 1927
JOURNAL OF THE FRANKLIN INSTITUTE 1828 - 1901

This was the first successful technical magazine published in the United States. It began as the American Mechanic's Magazine, but at the beginning of 1826 the title was changed to reflect the publisher. The Franklin Institute and its *Journal* continue to this day. Few of the articles were in great depth.

It and the *American Railroad Journal* were the only publications having railroad information in them until the 1850s. Because Great Britain was the leader in the industrial revolution, the magazine carried a large amount of British material, most or all of it having been copied from one of several British magazines rather than having been written for the *Journal.*

By 1890 little appeared concerning railroads so that I discontinued indexing after 1901. I give volume number, year, and pages. Few articles were illustrated. There were two volumes of six months each per year. Starting in 1841 the volume numbers were reset at 1 so that you need both volume number and year to find a page number.

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GENERAL ELECTRIC REVIEW 1907 - 1958

General Electric Company and Westinghouse Electric and Manufacturing Company both produced monthly magazines originally intended for the employees but soon reaching a wider range of readers. Westinghouse's *Electric Journal* began in 1904 and concluded in 1939 while the *General Electric Review* began in 1903 and had a 20 year longer run. Because it was originally intended for employees to keep them abreast of electric developments, few of the early copies went to libraries. None of those few were practical for me to visit, and so my indexing begins with V.8, December 1907.

Initially a volume was six months, but switrched to yearly in 1909, volume 11.

Many early articles dealt with interurban railways. During its final twenty years the articles became increasingly general. Even the gas turbine locomotive coverage was poor. Earlier articles were usually presented somewhat differently from what appeared in the railroad trade journals. Publication ceased with the November 1958 issue.

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Hudson & Manhattan: Trains and operation 1914/1016-1023; Electric operation 1932/583-590;
Illinois Central RR: Entire April 1927 issue on electrification 1927/174-231;
Illinois Traction Co: operation 1914/1095-1101;
Kentucky Traction & Term. Co: Cars 1922/357-358
Lewisburg Milton & Watsontown RR #14 storage battery car 1913/840-847;
London & Port Stanley Ry: Loco. 1916/680-681;
Long Island RR: Storage battery car #1 1913/842-847;
Manitou & Pikes Peak Ry: Diesel cog cars 1941/559-561;
Michigan Central RR: Detroit River tunnel pix #7500 & frt. 1910/386; #7500 1913/57-58; Tunnel operation 1914/1101-1108;
Minneapolis St. Paul Rochester & Dubuque: Gas el. car #9 1913/636-638; Loco. #101 1924/674; 4 car gas el. train 1924/678;
Nashville Interurban Ry: #200 1913/57-58;
New York Central: Battery car 1913/842-847; Loco. #3247 1913/323-325; M.U. train operation 1914/1025-1032; Diesel pass. loco #1500 for Putnam Div. 1929/273-277; West side Manhattan electrification 1931/165-169;
New York New Haven & Hartford RR: New B-B el. loco 1924/718-719; Pass. #0366 1938/429-434; 2000 hp diesel 1942/326-330; New el. loco. #375 1955/56-60; Test of 5000 hp el. loco. 9-52/43-46;
New York Rapid Transit Co: BMT 5 stainless steel train 1934/407-409;
New York Rys Co: Storage battery car 1913/842-847
New York State Rys: Oneida line 3rd rail ex West Shore RR: 19154/1109-1116;
New York Westchester & Boston RR: Construction car X1 1924/674;
Northern Pacific Ry: Gas. e. car 1925/11;
Omaha & Council Bluffs St. Ry: Operation 1931/357-361;
Ontario Municipal Ry: 1500 volt line 1915/10-11
Oregon Electric Ry: Loco. #3 1913/57-58; Described 1913/793-801; Operation 1914/1078-1082;
Pacific Electric RR: Described 1916/706-711
Pennsylvania RR: El. loco on train #7808? 2-4-4-2 p[ix 1930/458; Initial electrification operation 1933/258-261; NY-Wash. electrification 1937/100-107 line & 1936/139-145 loco;
Piedmont & Northern RR: Loco. 1916/680-681
Pittsburg County Ry: (Ok): Cars 1922/356;
Pittsburgh Harmony Butler & New Castle Ry: 1910/394, 398
Portsmouth (Oh) St. Ry: Cars 1922/359
Princeton Bluefield Tr. Co: Cars 1922/360
Reading RR: electrification 1931/173-179;
Southern Ry: Gas el. car #1 1924/674;
Texas Interurban Ry: Use of MKT line 1925/237-242;
Texas Midland RR: Gas. el. car #5001 1913636-638;
Third Avenue RR: Gas el. rail car #1 1-10/30-34; Storage battery car #1133 1913/842-847
Toledo & Western Ry: Cars 1922/359
Tucson Rapid Transit Co: Car #6 1916/881;
Union Pacific RR: Stream electric loco 1939/87-91; Gas turbine #51 tested & riding it in service 11-53/44-48;
Union Traction Co (Nashville) : Cars 1922/354-355;
Virginian Ry: Tunnel ventilation Allegheny Summit Tunnel 1914/1182-1185; New el. locos riding them in service 5-58/34-36;
Washington Baltimore & Annapolis RR: 1200 volt Ry 1910/492-502; Notes on operation 1912/464-467; 1913/785-792;
West Jersey & Seashore RR: Electrified 1913/776-784;
West Shore RR: Interurban car #504 1910/392;
Western Ohio Ry: Cars 1922/359
Willamette Valley Southern Ry: El. loco. #40 1916/676;
Youngstown Suburban Ry: Cars 1922/359

FOREIGN

Brazil: Paulista Ry :Electrified 1921/620-627; operation 1924/312-317; Electrification extension 1927/274-275; Streamline loco 1940/151-157; electric and steam costs compared 1929/594;
Chile: Bethlehem Chile Iron Mine Ry: Electrified 1916/995-1005;
Cuba: Havana Central loco. #433 1916/684; Hershey Cuban Ry electrified 1920/307-313;
France: Paris Orleans Ry el. loco. 1924/146-150;
Japan: Ry empire 1924/227-237; Kobe-Himeji Ry electrification 1924/536-538;
Java: State Ry electrification 1925/860-866;
Manchuria: South Manchurian Fushien Colliery: Loco. 1916/682, 683; South Manchuria Ry: 1917/705-709;
Mexico: Mexican Ry: Electrification & Johnstone's 2-6+6-2 23/184-185; #1001 1924/272-277; electrification 1929/504-511, 538-565, 377-382, 595. 696-701; Economics of elect, 1930/459
Panama: Canal towing loco. 1915/101?-117;
Russia: Transcaucasian Ry electrified at Suram Pass 1935/219-221;
Spain: Cataluna & Servia Ry electrification 1925/520-525; Spanish Northern Ry: Electrification 1924/658-664 & 1926/249-256;

CARS

Gas electric cars: 1913/636-646
Interurban Cars, Light weight: 1922/352-361;
Storage battery cars: 1913/842-847

LOCOMOTIVES

Electric locos. for interurbans 1916/676-684; 5000 hp el. loco. 9-523/43-46;
Storage battery loco. G.E. Co #11 1925/10; Storage battery- diesel el. loco. 1933/310-311;
3 power loco. design 1932/286-291;
Gas turbine 3-51/23-25; 8-49/9-12;
Gas electric loco at G.E. Pittsfield Wks 1924/678;
Gas and diesel el. locos 1924/673-681;

MISCELLANEOUS

Automatic Train Control: 1925/640-649;
Electric Traction: 4-20/236-354 special issue devoted to all aspects. Includes tabulation of high voltage D.C. RRs throughout the world.
Hanna Co:, M.P.: Electrification of Wabigon mine, Mn. 1924/580-591;
Harlan & Hollingsworth Co: Loco. #2 1916/682, 683
Jitney problems: 1915/604-614
United States Army: Oil el. armored car 1924/674;
Univ. of Michigan: El. loco. 1916682, 683;

HARPERS NEW MONTHLY MAGAZINE 1850 - 1896
HARPERS WEEKLY MAGAZINE 1857 - 1895

Harper's Magazines are on microfilm so that many university and larger public libraries have them. I found the microfiche copy of the *Weekly* to be very inconsistent for darkness. Many of the negatives are very dark and the interesting pictures cannot be reproduced probably. If all sets of the microfiche are similar, it will be necessary to find a library having the bound copies. The *Union List of Serials, Third Edition* gives names of libraries having bound copies prior to microfiche.

The monthly magazine had an occasional article dealing with railroads. These tended to be written as travel articles and first person articles. As such, they give the "flavor" of the time. I indexed only feature articles. The magazine carried considerable fiction, poetry, and material on the Civil War, both during and after the conflict. The magazine was mostly concerned with people and foreign activities. It also carried many news items on a wide variety of subjects including, presumably, railroads.

The weekly had occasional pictures of bridges and wrecks. It carried very little in the 1870s.

For the monthly I checked the magazine up to 1896, the last article I found was in 1887. For the weekly I checked thru 1896, but found nothing after 1893. An editorial policy change apparently caused the cessation of railroad material. The indexing which shows only a month and year is the monthly; items with month-date-year are the weekly. Also for the weekly I have added a HW prior to the date. The monthly has the volume number shown.

RAILROADS

Baltimore & Ohio RR: Lewisburg bridge below Harper's Ferry HW 6-29/61/405, 406; Martinsburg, Va. sta., train & troops HW 6-29-61/405, 406; Frederick, Md. sta. HW 10-25-62/684;
Boston & Maine RR: Wreck at Bradford, Mass. HW 1-21-88/48
Boston & Providence RR: Forest Hills disaster HW 3-26-87/220;
Broadwaycable (NYC) Broadway St. Ry cable laying HW 9-26-91/733;
Brooklyn Elevated: Proposed Brooklyn elev. RR sta. at East River bridge HW 3-25-93/288;
Canadian Pacific Ry: The C.P.R. and the new northwest, V.65 1882/414-418
Catawissa RR: Narrative, V.25 1862/20-28
Central Pacific RR: Description, V.45 1872/65-78; Construction scenes HW 12-7-67/67; Train in the snow HW 2-1-90/77
Central RR of New Jersey: Mauch Chunk scene HW 9-18-69/805; Pres. Garfield's funeral train at Elberon, NJ with 0-6-0T loco. (may be Pa. RR) HW 10-1-81/661
Central Vermont RR: White River bridge disaster HW 2-19-87/131
Charleston & Savannah RR: Track in swamp HW 2-2565/114
Chicago Burlington & Quincy RR: Loco. engineer's strike & starting the first suburban train HW 3-120-88/167, 168
Chicago rapid transit: Cable car and La Salle St. tunnel under the Chicago River HW 5-24-90/397, 411
Chicago Rock Island & Pacific RR: Draw bridge over Illinois River at Peoria HW 8-24-67/541
Cincinnati Hamilton & Dayton RR: RR collision at Lockland, Oh. Train with 4 sleepers HW 12-7-67/777;
Delaware Lackawanna & Western RR: Evolution of the ferry boat and the "Bergen" and "Orange" HW 1-6-89/17-20
Denver & Rio Grande RR: LaVeta Pass HW 9-15-77/720;
Erie RR: Two Days on the Erie RR (an early unpleasant train ride description), V.14 1857/398-400; Wreck about 80 (?) miles from New York HW 7-21-58/484-486; Genesee River bridge HW 11-10-66/712; break-up cartoon HW3-30-72, 248 or 348
Georgia RR & Banking Co: State RR Atlanta sta. HW 1--15-64/670; Shipping water melons from Atlanta HW 7-28-88/555, 556
Gilbert Elvated Ry HW 5-18-78/388;
Grand Trunk Ry: Disaster near Montreal at a bridge HW 7-23/54/477;
Hartford, Providence & Fishkill RR: Lost on a Ry (early train travel), V.22 1860,/ 661-668
Hudson River RR: Albany bridge HW 3-17-66/164
Jefferson Madison & Indianapolis RR: HW Bridge over Ohio River and small sta. HW 8-11-83/505 & HW 3-27-86/197, 206
Kansas Pacific RR: Construction views HW 6-15-67;
Long Island RR: Piggy backing wagons of produce to the city HW 1-21-85/69, 78
Louisville & Nashville RR: Lebanon Jct 25 miles (?) from Louisville HW 10-19-61/667
Mauch Chunk Gravity RR, V.27 1863/464-466
Memphis & Charleston RR (or Tenn. & Ala. RR): Burning the Tenn. Riv. bridge at Decatur, Ala. HW 8-16-62/518; Bridgeport, Ala bridge HW 8-16-62/518; Stephenson, Ala sta. and yards HW 8-30-62/549
Memphis & Ohio RR: RR sta. at Humboldt, Tn HW9-13--62/589; Bridge near Humboldt, Tn. HW 9-13-62/589;
Michigan Central RR: Jackson wreck HW 211-1-79/864, 867
Mobile & Ohio RR: Sta. at Humboldt, Tn. HW 9-13-62/589; Sta. at Trenton, Tn. HW 9-13-62/589
Mount Washington Cog RR: HW 1-14-82/20;
New York Central RR: Bridge failure wreck at Yorkville near Utica on 5-11-58 HW 5-22-58/325, 326; Albany Hudson River bridge HW 3-17-66/164; Canasota disaster on Sept. 7 kills 5 HW 9-29-66/609'; Harlem River bridge HW 11-18-82/728
New York Elecated NRR scenes HW 2-9-78/112-113; Franklin Square elevated RR sta. HW 9-7-78/706; rush hour scene on sta. platform HW 2-8-90/97;
New York City horse Rys Going to work on a horse car HW 3-25-93 or 4-2-93/305
New York Pennsylvania & Ohio RR: Steamburg, NY wreck HW 2-18-88/112
Norfolk & Petersburg RR: Train and sta, at Petersburg, Va. HW 12-13-62/789
Ohio & Mississippi RR: Bridge accident HW 10-12-61/650;
Old Colony RR: Quincy wreck HW 8-30/90/685-687
Pennsylvania RR: Pittsburgh depot HW 12-4-58/773l Louisville Ohio /River bridge 8-11-83/505 & 3-27-86/197, 206; Track elevation in Jersey City and ferry boat HW 8-23-90/661, 662; Pres. Garfield's funeral train at Elberon, NJ with 0-6-0T loco (may be CNJ RR) HW 10-1-81/661
Petersburg RR: Petersburg, Va. train and sta. HW 12-13-62/789
Philadelphia & Reading Ry: Shoemakersville wreck HW 11-54-90/775, 776
Philadelphia Wilmington & Baltimore RR: Havre de Grace bridge HW 12-22-66/807, 808; New Philadelphia sta. 1-22-87/44, 46; Johnstown flood 6-15-89/476-482
South Side RR: Train and sta. at Petersburg, Va. HW 12-13-62/789
Southern Pacific RR: Train in the snow in Sierras HW 2-1-90/77
Tennessee & Alabama RR (or Memphis & Charleston RR) Burning the Tenn. Riv. bridge at Decatur, Ala. HW 8-16-62/518
Toledo Peoria & Western RR: Chattsworth wreck HW 8-20/87/589, 595
Union Pacific RR: Colorado, Over the Plains (includes description of Colo. mining towns), V.35 1867/1-15; Train at Sherman, Wyo HW 9-11-69/577; Train in Weber Canyon HW 10-30-69/692
West Shore RR: Grain elevator at Weehauken, NJ HW 11-7-91/864

FOREIGN COUNTRIES

Brazil: St. Paul's RR viaduct HW 12-5-68/780
China: The First RR in, V.58 1878/131-135
France: Imperial train HW 11-6-58/715-717
Great Britain:
- Great Western Ry: The Route of the "Wild Irishman" from London to Holyhead, Wales, V.75 1887/91-98
- London & North Western Ry: Railway work at Crewe, V.1 1850/408-411; Father of Railways - Robt. Stephenson, V.15 1857/667-674
- British and Am. Rys (comparison of train operations, stations, cars, & employees), V.71 1885/375-389
- A Comparison of English and Am. locos., V.58 1878/555-559

Italy: Mont Cenis Ry. & Tunnel, V.43 1871/161-175
Mexico: Eads Ship Ry, Tehauntepec, V.63 1881/905-911; Railroads in Mexico with map, V.63 1881/276-281; The Ry. invasion of Mexico, V.65 1882/745-757
Panama: A trip on the Panama RR, V.11, 1855/616-622
Switzerland: St. Gothard Tunnel, V.57/654-663

HISTORY, GENERAL

The American Railroad (the men who ran them and history of railroads), V.48 1874/375-394
A Railroad Study (History up to 1877), V.55 1877/614-622

LOCOMOTIVES

Application of electro magnetic power to railway transit, V.3 1851/786-787
A Comparison of English and Am. locos., V.58 1878/555-559
Thomas Edison's first electric loco. HW 7-15-82/433; Edison and Daft electric locos. HW 9-14-89/752; Recent developments in el. locos for rapid transit, street cars, and telegraphy from a train HW 2-25-88/143

MILITARY - CIVIL WAR

Note: See B&O RR and railroads of the South shown above.. They show stations and bridges.
U.S. Military RR train on trestle near Petersburg, Va. HW 11-5-64/712

MISCELLANEOUS

British and Am. Rys (comparison of train operations, stations, cars, & employees, V.71 1885/375-389
Canada: British Route for a Pacific RR, V.32 1866/139-159
Freight transportation - piggy backing wagons of produce to the city HW 1-21-85/69, 78; Shipping water melons from Atlanta, Ga HW 7-28-88/555, 556
Mail - Post Office: Delivering mail to express train on the prairie, typical picture of lonely flag stop. HW 9-4-75/713, 718; First mail train HW 11-27/75/961
Marine operations: HW Evolution of ferry boat HW 1-6-89/17-20
Passenger cars, Evolution of HW 8-25-88/641-644
Presidential car for campaigns 4-25-91/297
Street car: history shown by pix HW 10-24-91/832

Telegraphy from a train HW 2-25-88/143
Transcontinental RRs, V.67 1883/936-944
Transportation by railway and ship canal, an 1880 over-view, V.60 1880/579-584

PERSONNEL
The American Railroad (the men who ran them and history of railroads), V.48 1874/375-394
Loco. engineer's strike on CB&Q HW 3-10-88/167, 168

SOCIAL PROBLEM ABUSES AND GOVT. INTERVENTION
The Nature of the Ry. Problem, V.73 1886/250-257
Economic Evils of Am. Ry. Methods V.73 1886/450-457
The Reform of RR Abuses, V.73 1886/571-578
American RR Legislation, V.75 1887/141-150

This magazine began in 1882; published at Baltimore to report and boost the South's development. Until the middle 1890s it had no railroad material except occasional news items. I began indexing in 1895, 2nd half and continued until railroad material was virtually discontinued.

Beginning in the early 1900s it gave excellent coverage to southern railroad construction , better than railroad journals. By late 1902 feature articles we being printed on good coated stock paper with excellent pictures.

I did not index the news items unless close to a column length. The writing was in a different style from the railroad journals, and so often throws a different perspective on the subject Annual reports that I indexed give extensive coverage. The magazine did not have an annual index.

RAILROADS - STEAM & ELECTRIC

Arkansas & Memphis Ry Bridge & Terminal: 8-26-15/44;
Artesian Belt RR: 11-5-08/59;
Atchison Topeka & Santa Fe Ry: Port Bolivar, Tx iron ore dock 2-8-12/49 & 2-22-12/110-111; Galveston wharf planned 2-3-10/62, construction 6-15-11/47-49; completed 5-23-12/51-52;
Atlanta & West Point RR: 12-17-08/56;
Atlanta Birmingham & Atlantic RR: New line 3-16-05/177; Extension to New Orleans 4-11-07/374 & 10-9-02/207; Described 3-19-08/45; Report 11-12-08/52;
Atlantic Valdosta & Western RR: Progress 11-11-98/269;
Atlantic Coast Line RR: Henry B. Plant obit 6-30-99/379; Acquires Louisville & Nashville RR 10-2-02/187-188 with map & 10-9-02/207; Progress 11-22-06/470-471;
Atlantic Short Line Ry: Foreclosed 7-31-96/17
Baltimore & Belair El. Ry 12-15-04/531-532;
Baltimore & Ohio RR: Future 3-27-96/141 & 4-24-96/210; Receivership 7--1-98/383-384; Control 9-23-98/142; Institutes "Royal Ltd." train (*Royal Blue);*12-9-98/342; Curtis Bay, Baltimore, coal pier construction pix 8-16-00/62; new Balt. office bldg 4-6-05/242-243 & 5-4-05/348; Wheeling sta. to be built 8-9-06/85; Scherzer rolling lift bridge at Cleveland 4-4-07/318; Balt. grain elevator 7-16-08/45-47; Reconstructs tunnel and Lorain ore handling 6-15-11/51-54; Report 11-20-13/59; Balt. frt. facilities 9-3-14/42-44; Magnola cut off completed 12-10-14/47-48;
Birmingham & Gulf Ry. & Nav. Co: Plans 2-18-09/56-57;
Birmingham union sta. 10-12-05/317 & 7-11-07/815-816;
Brunswick & Birmingham RR: President's speech 2-28-01/105; 4-6-05/241;
Carolina & Northwestern RR: Plans 9-30-09/54;
Carolina Clinchfield & Ohio RR: Construction 9-3-08/57;Described 2-11-09/47-50; The RR & its coal mines 7-8-09/43-47; Export coal to Charleston 5-18-11/50 map; Operation 7-18-12/51-52;
Central of Georgia RR: Annual report 9-4-02/123-125; annual report 9-1-04/168-169; 1903 see the magazine for it; Birmingham union sta. 10-12-05/317 & 7-11-07/815-816; Report 8-30-06/159; Expansion of Edward Harriman 3-12-08/50; Macon, sta. 10-5-16/76c;
Central Ohio RR: Reorganized 3-12-97/129;
Central Ry of Alabama: Organized 7-31-02/27;
Charleston & Macon RR: Contracted to build 6-12-96/326;
Chattanooga Southern Ry: Progress 10-18-95/179;
Chattanooga Traction Co: Signal Mtn. line 4-2-14/56;
Chesapeake & Ohio RR: New president Geo. W. Stevens & the future 2-8-00/43; Annual report 9-26-01/164-165; New River coal fields 4-14-04/275-276; annual report 9-8-04/193-195; Extension to C. C. & O. RR (Clinchfield RR) 7-30-08/48; RR bought by Edwin Hawley 1-28-09/50; Huntington loco. shop 3-9-11/56; Newport News coal pier 6-11-14/55-56 & pier #9 7-1-15/50 pix; ;
Chesapeake & Western RR: Opened 5-1-96/223;
Chicago Cincinnati & Louisville RR: Edwin Hawley RR 8-19-09/47-48;
Chicago Indianapolis & Louisville RR: Purchased by Southern Ry and L. & N. RR 5-22-02/314
Chicago Rock Island & Pacific: Combines with St. L. & San Fran. with map 3-5-03/136; Sells SL-SF to Yokum & Hawley 12-9-09/53;
Choctaw Oklahoma & Gulf RR: To connect with Little Rock & Memphis 9-16-98/122-123; To be sold to CRI&PRR 4-17-02/223;
Cincinnati Hamilton & Dayton: Extension from Ashland, Ky 125 miles 9-7-05/191; Extension and D. T. & I. RR 12-14-05/574;
Cincinnati New Orleans & Texas Pacific RR: Progress 11-28-07/50;
Cliffside RR: Track and bridge improvements 10-1-14/58;
Clinchfield RR: See Carolina Clinchfield & Ohio Ry
Coal & Coke Ry: New RR 10-18-06/331-333 & 11-1-06/394;
Colorado & Wyoming RR: Ingoldsby dump car @1280 4-24-02/246-247;
Columbia & Maryland Ry: Disposition of incomplete traction Co. to other companies 7-8-98/392;
Dallas & Sherman interurban: 1-6-10/133-134 pix;
Deepwater RR: See Virginian Ry.
Detroit Toledo & Ironton RR: Extension of Cinc. Hamilton & Dayton to it 12-14-05/574;
El Paso & Northeastern RR: Construction 9-16-98/123; Georgia & Alabama RR: 3-27-96/142 with map;
Florida East Coast Ry: Key West extension 3-30-05/213-214 & 10-12-05/311-313 & 4-5-06/303 & 11-15-06/445-446 & 10-17-07/58-59; many short articles (less than1/23 column) on the extension not indexed Long Key Viaduct 4-15-09/51 & 4-29-09/56; F.E.C. & Henry M/ Flaglers's work in Fla. 4-6-11/63-64; Cuba ferry & car ferry "Henry M. Flagler" begins operation 12-31-14/59;
Galveston Houston & Henderson Ry: Galveston wharf planned 2-3-10/62, construction 6-15-11/47-49; completed 5-23-12/51-52;
Galveston Street Ry: Galveston wharf planned 2-3-10/62, construction 6-15-11/47-49; completed 5-23-12/51-52;
Georgia & Florida Ry: 7-25-07/41; Progress 8-20-08/53; Scherzer lift bridge 2-17-10/861;
Georgia Coast & Piedmont RR: Extension and Darien River bridge 4-2-14/57-58;
Georgia Southern & Florida RR: Macon union sta. 10-5-16/76c; annual report 12-15-04/543-544
Gulf & Ship Island RR: 12-20-00/357; Report 6-19-02/398-399; 11-20-02/329-331 with map & 11-27-02/360-361 annual report; Report 10-4-06/285;
Gulf Coast Lines: See St. Louis Brownsville & Mexico RR
Gulf Florida & Alabama RR: Described 2-22-12/112; Pensacola coal pier 9-30-15/54;
Hendersonville Traction Co. (NC): Gasoline street car #113? 9-25-13/58;
Hinton New River & Western RR: with map 2-21-96/page ?;
Holton Interurban Ry: Gasoline car #5 9-4-13/72;
Illinois Central RR: Described with sta. pixs 1896 special Illinois supplement/24-28;b Box car #12938 pix 2-9-97/62;
Illinois Tunnel Co (Chicago) Frt. care #6500 11-3-10/71;
Jefferson City Jerico & Southwestern Ry formed 11019094/411;
Kansas City Mexico & Orient Ry: Planned 6-14-00/348 & 6-21-00/368; Construction 8-30-00/91; many brief articles on construction not indexed, 10-11-00/193; 2-13-02/58; 5-15-02/295; 6-12-02/374-375; 8-28-02/96-97; New manager 11-6-02/287; Described with many pictures on coated paper 11-13-02/311-313 & 12-4-02/367; Present situation 1-22-03/10 & 4-16-03/259; Progress 9-10-03/138-139 & 8-26-09/46-47; in the courts 3-14-12/58-59;
Kansas City Outer Belt & El. RR: 2-19-03/90-92;
Kansas City Pittsburg & Gulf RR: Construction 1-31-96/7 & 3-6-96/91 no pix; Described in Kansas City special issue lst half 1897, Feb/ pages 7-10 & Port Arthur sta. page 11; annual report 11-28-98/305 & 12-2-98/320; Future 7-7-99/399; The RR & Arthur Stillwell 4-6-05/241-242;
Kansas City Southern Ry: Progress 11-29-06/499; Described 3-27-13 part 2/164-165;
Kansas City Terminal RR: New K. c. union sta. 3-10-10/50;
Lexington St. Ry (Ky) A model system 1-24-01/6;
Louisiana & Arkansas Ry: 1-15-03/505;
Louisville & Interurban RR: Power plant 3-6-13/61-62;
Louisville & Nashville RR: Plans 2-8-00/42-43; Atlanta to Cincinnati new line 4-10-02/204; Progress 1-1-03/464; Acquires with Sou. Ry Chi. Indianapolis & Louisville RR 5-22-02/314; Acquired by A. C. L. 10-2-02/187-188 with map & 10-9-02/207; Birmingham union sta. 10-12-05/317 & 7-11-07/815-816; Macon Union Sta. 10-5-16/76c; Construction 12-22-04/557; Report 10-29-08/52; New 110 mile line proposed Maplewood, Tn. to Athens, Ala. 6-15-11/55; Report 10-10-12/57;
Macon Dublin & Savannah: sold to S.A.L. 1-10-07/678-679;
Marion & Rye Valley RR: Extension 8-28-02/97;
Metropolitan Tr. Co (N.Y.C.) Car #500 8-9-95/26-27;
Milledgeville RR: Battery car #1 12-18-13/64;
Mississippi Hamburg & Western Ry: Progress 12-14-99/348;
Missouri Kansas & Texas RR: Box car #2736 poor pix 4-16-97/204; Report 9-27-06/259; Report 9-17-08/58-59; Bankrupt 9-30-15/54c;
Missouri Oklahoma & Gulf RR: Gas el. car #100 11-14-12/55; Extension 6-5-13/73;
Missouri Pacific RR: Extension Memphis to New Orleans by Gould 8-14-02/63; Geo. Gould discusses New Orleans line 9-18-02/154; Gould discusses southwestern line 9-25-02/170-171; annual report 3-19-03/186-187; Progress 10-25-06/363; Report 11-5-08/58;
Mobile Jackson & Kansas City RR: Acquired by C.R.I.&P.RR 2-7-07/100;
Mount Rogers & Eastern RR; Planned 400 miles Va. to N.C. and Tn or Ky 10-3-01/170;
Nashville Chattanooga & St. Louis RR: Resaca, Ga. sta. and RR improvements 12-28-15/42-43;
New Oleans & Western RR: Terminal facilities at Port Chalmette, New Orleans & compressed air locos 5-15-96/i-v & 1896 special New Orleans Supplement/ pages 15-19, volume 29;
New Orleans Great Northern RR: 11-29-06/499; Bogalusa shops 12-2-09/73-74;
New Orleans Terminal Co: Organized to build sta. for Sou. Ry & St.L-S.F. 3-21-07/286; Sta. opened 6-4-08/55-56;
Newburg & South Shore RR: Scherzer lift bridge 8-3-05/70-71;
Norfolk & Carolina Coast Line RR 6-1-05/452-453;
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26-08/53; Report 9-9-09/50; Report & acquires Virginia Carolina Ry 9-19-12/57; Norfolk Terminal Ry: Office bldg & pass. sta. 7-6-11/64;
Norfolk Portsmouth & Newport News: St. Ry consolidation and map 5-22-02/315-316;
Norfolk Southern Ry: Charlotte extension 1-1-14/67-70;
Norfolk Terminal Ry: Office bldg & pass. sta. 7-6-11/64;
Panama Line Ry: successor to Panama Line, Pensacola & Missouri Valley Ry, Pensacola to Omaha12-23-15/51;
Pennsylvania RR: Baltimore grain elevator 7-16-08/45-47 & 1-7-09/145 pix; Spending $12M on Balt. improvements 6-5-13/72; Balt. coal piers & yard plans 6-24-15/28; Balt. grain elevator biggest south of Montreal 10-5-16/766;
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St. Johns Lt. & Pr. Co (Fl) 3-8-06/199;
St. Louis & San Francisco RR: annual report 10-23-02/255-257; SL&SF and SAL systems 10-23-02/243-244; annual report 10-23-02/255-257; annual report 11-5-03/315-317; Report 11-4-09/66; To enter New Orleans 1-8-03/481; Combines with Rock Island RR with map 3-5-03/136; Sold by R.I. to Yokum & Hawley 12-9-09/53;
St. Louis Brownsville & Mexico: Plans 1-26-05/31; Country traverse 2-3-16/62-64;
St. Louis Saloam & Southern RR: Proposed to Ft. Smith, Ok 1-17-96/375;
St. Marys & Kingsland RR: Extension plans 3-18-09/52 & 3-25-09/48;
San Antonio Fredericksburg & Northern Ry: Construction 1-16-13/59;
San Antonio Uvalde & Gulf: Construction 1-16-13/59;
Sapulpa & Oil Field RR: Described & loco. #501 11-18-15/56;
Savannah Augusta & Northern Ry: progress 5-9-07/530;
Savannah Union Sta.: Drawing 12-20-00/357;
Seaboard Air Line RR: Annual report 11-18-98/288-289; Sale 1-6-99/406; Future 1-20-99/435; Consolidation 4-19-00/214 & 5-31-00/317; Builder of the South, 20th Anniversary issue, Vol. 41 Feb. 1902/85; Proposes Atlanta to Savannah line 8-14-02/63; SAL-St.L.&SF RR systems 10-23-02/243-244; Birmingham union sta. 10-12-05/317 & 7-11-07/815-816; annual report 9-17-03/169-171 Sale of stock 8-25-04/133; In Birmingham 12-8-04/493; New plans 1-26-05/31; Jacksonville construction work 9-6-06/187; Grassey Island, Tampa, facility 8-20-08/52; E. H. Harriman involvement 2-25-09/47-48; Acquire Tampa northern RR 7-11-12/57; Tampa phosphate elevator 5-20-15/46; Savannah piers 2-8-12/50;
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Southern Bridge & Ry Co: Proposed bridge above New Orleans Special New Orleans supplement, Vol. 29 1896/pages 9-11;
Southern Ry: Danville, Va. sta 8-18-99/60; Construction 12-14-99/348; Described in Supplement 12-14-99/40-41; Annual reports 9-1-99/108-112 & 9-13-00/131-135 & 8-22-01/79-83 & 9-11-02/141-145; Knoxville new union sta. planned 10-24-01/229; Purchase 1/2 ownership in Chi. Indianapolis & Louisville RR 5-22-02/314; Birmingham union sta. 10-12-05/317 & 7-11-07/815-816; Macon union sta. 10-5-16/76c; Atlanta's new union depot 6-8-05/477; Salisbury, NC, sta. 7-5-06/700 pix; Prosperity 10-25-06/362-363;v Report 10-22-08/48 & 10-14-09/52; Dispatching by telephone 4-7-10/68; Danville, Va. concrete bridges 7-25-15/38-39; Finley Yd and eng. term. at Birmingham 9-2-15/58;
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Western Maryland: Annual report 3-8-00/119-120 & 3-7-01/135; Progress 3-6-02/114; City of Baltimore sells its interest 3-13-02/132; Goulds buy the stock 5-8-02/277-278 & 7-10-02/451; Gould system of RRs map 5-15-02/204; work 12-13-06/552; Extension Cumberland to Connellsville, 87 miles, under construction 10-27-10/57-61; Port Covington terminal & extension 8-29-12/53; Baltimore frt. facilities 9-3-14/43-44; Balt. grain elevator 7-22-15/45 & 37;
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New Orleans Map of all RRs and facilities Vol. 29 1896 special New Orleans Supplement/7-11;
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Oklahoma: RRs trying to develop the territory 9-4-02/111-112;
Texas RR construction in 1902 10-6-02/287;
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PRIVATE RAILROADS AND CAR OWNERS

American Steel & Wire Co: #15 0-4-0T 6-27-07/764-765;
American Stone Co: Granite Quarry, N. C. and other portable Rys 9-3-08/59-60
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Birmingham Coal & Iron Co: El. mining loco #18 6-10-09/56-57;
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Pennsylvania Firebrick Co:0-6-0T 6-27-07/765
Perley & Crockett Lbr. Co n.g. log RR with pass. train to Mt. Mitchell 7-24-13/57 & 7-1-15/52-53
Southern Gypsum Co's RR 8-20-08/51-52;
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Hunt Co, C. W.: Electric trolley driven open cars for bulk materials 5-2-12/54;
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Hall-Fate-(Drennan) Heath Co: (Plymouth) Gasoline 50 Hp. industrial loco. 7-14-10/53; gasoline mining loco. 2-4-15/58;
Jeffrey Mfg. Co: Storage battery loco. 9-27-08/49;
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MCCLURES MAGAZINE 1893 - 1914

Copies of McClures Magazine can be found in most of the better libraries of universities and large cities. This was the premier magazine of the 1890s and 1900s. The best fiction writers regularly appeared, and after 1900 its expose of monopolistic businesses took the magazine to its loftiest heights. Several such articles by Ray Stannard Baker studied railroads. Although the magazine ran until 1928, I only indexed up through 1914, the last railroad article having appeared in September 1912, and the editorial direction of the magazine having changed.

The articles were not concerned with engineering. Most dealt with ordinary people who performed the work, then monopolistic management, and finally safety.

I did not index railroad fiction, some of which subsequently appeared in book form.

The indexing shows month-year/page numbers.

UNITED STATES AND CANADIAN RAILROADS

Boston and Maine RR: Bottling Up New England, 9-12/548-561
Chicago, Burlington & Quincy RR: Ninety Miles an Hour by Cleveland Moffat, 4-99/483-496
Chicago, Rock Island & Pacific RR: Rock Island Express Robbery, 2-95/245-252;
Denver & Rio Grande Western RR: The Death Run (wreck in Black Canon), 8-94/248-251; The Vicissitudes of Engine #107, 6-97/717-721
Erie RR: The Susquehanna Express Robbery, 9-95/366-372
Farmers Railroad: (A proposed RR across northern Minnesota and into North Dakota in the 1890s) "A Farmers Railroad", 5-99/35-42
Kansas Pacific RR: A Locomotive as a War Chariot, 5-97/597-600
Lake Shore & Michigan Central RR: Fastest Railroad Run Ever Made (10-24-95), 2-96/247-255
New York Central RR: Life and Experiences of an Engineer on a Limited Express, 9-93/356-363; A Thousand Mile Ride on the Engine of the Swiftess Train in the World (The Chicago 1893 "Exposition Flyer"), 1-94/164-184; Masters of Their Craft by Adrian Kirk - the engineers of the "Empire State Express"., 4-03/570-574; Railroad Safety - The Cruelties of Our Country's Train Wrecks, 6-1910/151-168
New York, New Haven and Hartford RR: Bottling Up New England (monopolistic practices), 9-12/548-561
Pennsylvania RR: Railroad Safety - The Cruelties of Our Country's Train Wrecks, 6-1910/151-168
Rio Grande Western RR: General Manager and the Ghost Train, 4-97/539-542
Southern Ry: The Ways of a Railroad with a Town - Danville, Va., by Ray Stannard Baker, 6-06/131-145
Union Pacific Denver & Gulf RR: The Battle of the Snow Plow, 11-96/92-96
Western & Atlantic RR: Andrews Railroad Raid, told by a survivor, 9-03/498-508
White Pass & Yukon Ry: Building a railroad in the Klondike, 3-00/419-426

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Africa: The Cape to Cairo Ry, 8-99/320-330
China: Chinese Eastern Ry, 11-99/68-80; Railway Development in China, 7-00/238-248;
Egypt: See Africa
France: On the Engine of a London and Paris Express, 7-95/156-162; Railroading on an Earthquake, 10-95/415-418
Germany: A Hundred Miles an Hour - Impressions of the famous German experimental road, 3-04/543-547;
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South Africa: See Africa

BIOGRAPHY

Gould, Jay and George The Passing of a Great Railroad Dynasty, 3-12/483-501
Hamblen, Herbert E. brakeman, fireman, engineer, 1-98/211-225, 2-98/361376, 3-98/389-403 & 4-98/513-524
Harriman, Edward H.: Masters of Capital in America, 1-11/334-352
Hill, James J.: Masters of Capital in America, 12-10/123-140
McAdoo, William Gibbs: McAdoo and the Subway, 3-11/484-500
Morgan, Julius Pierpont: 12-10-/123-140, 11-10/3-21, 1-11/334-352, 8-11/418-428

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Hudson and Manhattan RR: McAdoo and the Subway, 3-11/484-500
Interborough Rapid Transit Co: The Subway "Deal" - How New York City Built Its New Underground Railroad by Ray Stannard Baker, 3-05/451-469; McAdoo and the Subway, 3-11/484-500
War on the Locomotive - Development of the Trolley Car System by Samuel E. Moffat (freight and passenger electric lines in the U.S. and not just city trolleys), 3-03/451-462

FINANCE - MONOPOLISTIC PRACTICES

The Railroad Rate - A Study in Commercial Autocracy by Ray Stannard Baker, 11-05/47-49
Railroad Rebates by Ray Stannard Baker, 12-05/179-194
Railroads on Trial by Ray Stannard Baker,- The Private Case and the Beef Trust, 1-06/318-331, Private Cars and the Fruit Industry, 2-06/398-411, How Railroads Make Public Opinion, 3-06/535-549
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Bottling Up New England (NYNH&HRR), 9-12/548-561
American Railways - How They Can Be Taken Over for the People, 1-12/352-360

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The Nation's Railroads (as they are in 1898), 4-98/557-560

MONO-RAILS

Monorail - Transportation and the Gyroscope, 12-07/162-174
The Brennen Mono Rail Car, 2-10/430/438

PERSONNEL

(Some of the articles indexed under U. S. Railroads deal with personnel and their railroad operations.)
The Life of a Railroad Man, the autobiography of Herbert E. Hamblen in four parts (He does not mention the railroads worked for): A Brakeman in the Yard and on the Road, 1-98/211-225; Firing a Locomotive, 2-98/361-376; Adventures of a Freight Engineer, 3-98/389-403; Adversities of a Passenger Engineer, 4-98/513-524
Adventure of a Train Dispatcher by Jasper E. Brady, 10-98/539-545, 11-98/44-46, 12-98/147-153, 2-99/305-311.
Life and Experiences of an Engineer of a Limited Express, 9-93/356-363
Masters of Their Craft by Adrian Kirk - the engineers of the Empire State Express., 4-03/570-574

SAFETY

Can Americans Afford Safety in Railroad Travel?, 8-07/421-427
Railroad Safety - The Cruelties of Our Country's Train Wrecks, 6-1910/151-168

SCIENTIFIC AMERICAN 1845 - 1930
SCIENTIFIC AMERICAN SUPPLEMENT 1876 - 1919

The magazine began as a four page weekly with the feature of its first issue concerning the passenger cars of Davenport and Bridges Car Co. Most of the early railroad articles (from 1845 up to the 1850s), all of which were illustrated, are basically patent descriptions, some rather wild. Each early issue also had a partial column (or longer) on railroad news items concerning extensions, new companies getting underway, and so forth, all of which probably also appeared in the *American Railroad Journal* and are indexed with that publication. Later issues still had many railroad patents besides articles on many other railroad subjects. After 1910 with the completion of all major railroad and subway projects except for Grand Central Station, the magazine decreased coverage of railroad events. The magazine went to monthly format in January 1922. By 1930 I did not feel it worthy of further indexing and discontinued it.

Scientific American Supplement was begun because of the 1876 Philadelphia Exposition although at the time of the first issue, the editors said that it might continue beyond 1876. It had more than twice as much railroad material, and foreign railway coverage increasingly predominated until by 1900 it was almost exclusively foreign. Until the July 1907 issue, pages were cumulatively numbered from volume 1. With the July 6, 1907 issue each volume began at page 1.

Although I could have indexed this magazine by volume number and pages, I used date of issue and page number except for the very earliest issues where I did not list page number, it being easily found because of the illustration in a four page magazine.

Copies of this magazine on microfilm can be found in most collages libraries and many public libraries.

An S after the year, such as 5-23-77S/23 indicates it is the *Supplement*. Should I have forgotten to add an S and the page number is above 429, it is a *Supplement* article.

U. S. & CANADIAN RAILROADS AND STREET RAILWAYS USING STEAM LOCOMOTIVES

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Baltimore & Ohio RR: Iron coal hopper cars, 5-31-84S/7005; Natural resources in Va. and W.Va., 12-24-92/399, 404-407; New electric loco., 8-10-95/81, 87; Adam's "wind splitter" train, 6-9-00/357; Vanderbilt loco. boiler on #1940, 2-8-0; Baltimore Tunnel 3rd rail, 3-16-01/168; New electric locos, #5 & 6, 10-24-03/294; #2400 at La. Purchase Expo, 9-17-04/195-199; wreck near Cumberland by hitting a wagon, 10-22-04/280; Susquehanna River bridge replaced 9-19-08/184; collapsed 10-10-08/240; Longest bascule bridge over Calumet River, So. Chicago, 5-17-13/455; Baltimore car ferry, 8-15-14/120; Exhibit at Chicago fair, 11-11-93S/14889-90; Baltimore terminal, 8-10-95S/16346; Tests of Baltimore el. locos., 5-23-96S/17011; "Grasshopper" locos, 5-1-97S/17790; RR car ferries, 2-7-14S/88-90; #5500 world's largest pass. loco., 2-1926/118; Transportation of molten iron between Hamilton and Middletown, Oh, 9-1928/257; New York bus stations at Hotel Commodore, 3-1929/240; Electrically air conditioned dining car #1036, 8-1930/108; Individual reclining seat coaches introduced, 10-1930/279

Baltimore & Potomac RR: Pass. sta. at Washington, DC, 5-12-77S/1119;

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Chesapeake & Ohio RR: New River, WV bridge, 5-31-73/338-339;

Chicago & Alton RR: Unique wreck, 12-16-99/394; new 4-6-2, 4-18-03/300;

Chicago & Eastern Illinois RR: Okaw River bridge between Sullivan and Shelbyville, Il, 12-19-91/391;

Chicago & North Western RR: Overland Express equipped with telephones, 4-19-02/274; Chicago station, 7-22-11/80; Des Moines River double track viaduct, largest double track in world, near Boone, Ia, 6-1-01/340;Two Pullman cars equipped for invalids traveling to Mayo Clinic. 11-1930/383; Burning pulverized coal, 3-25-16/322

Chicago & Northern Pacific RR: Chicago River bridge at Blue Island, 6-6-96/357;

Chicago & St. Louis Extension RR: 5-27-93/328-329;

Chicago & South Side Rapid Transit: Shipment of 20 locos, 5-28-92/339;

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SCRIBNER'S MONTHLY MAGAZINE 1870 - 1881
SCRIBNER'S MAGAZINE 1887 - 1917

Charles Scribner started this magazine in November 1870. The magazine carried a wide variety of articles intended for the general public. For reasons unknown in October 1881 he sold it, and it became known as the *Century Illustrated Monthly*. The editorial policy was changed, and it never had any railroad articles. In January 1887 Scribner reinstated his magazine and railroad articles. Rather frequent railroad material appeared until 1912, but the next five years saw only one. I discontinued in 1917.

Many articles discuss several railroads. The page numbers given below are for the entire article and not just for the particular railroad.

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Baltimore & Ohio RR: Development of Am. Locos. and Cars (early cars) 8-88/174-199; The RR Riots of 1877, 7-11/86-96
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PROFESSIONAL SOCIETY PROCEEDINGS

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS TRANSACTIONS 1884 - 1933
PROCEEDINGS 1882 - 1919
JOURNAL 1920 - 1930
ELECTRICAL ENGINEERING 1931 - 1960

The *Proceedings* and *Transactions* often duplicated each other on subjects as they basically appeared in both. The *Proceedings* gave a paper prior to membership comments and the *Transactions* afte with the membership comments. rBecause of this not indexing the former until 1903 (Volume 22) probably results in little being missed.

The *Proceedings* was renamed the *Journal* at the beginning of 1920 and became *Electrical Engineering* magazine at the start of 1931. In the early years the *Proceedings* had very little railroad material

The *Transactions* was a separate publication thru the end of 1933. In 1934 it was combined into the *Electrical Engineering* magazine. After a year its articles were separated from the remainder of the magazine, but published in the combined magazine. During the next six or seven years the AIIE kept changing the *Transactions*, it sometimes having its own page numbers but a combined index, or kept with each monthly magazine or bound at the rear of the annual binding of the magazine. Except for one or two years the *Transaction*s carried page numbers different from *Electrical Engineering*, but about 1938 they both carried the same sets of numbers in the single bound volume. In the 1940s if you do not find the article in the index of the volume for the magazine articles also check the *Transaction* page numbers. Unless I made a mistake, the article should appear there.

The papers (articles) which do not deal with a specific railroad usually are excellent for engineering information such as traction motor design. Articles dealing with specific railroads all are well illustrated.

The papers are usually followed by discussions by members of the society. Some of these people presented information that should have been indexed such as experiences on a particular railroad; that railroad not being discussed in the article. I did not take the time to scan the discussions to find information that should have been indexed. How much there is of this I do not know for sure, but discussions I did see rarely had such information. Where I saw an appropriate item to be indexed, I did. To indicate articles in the separately bound *Transaction*, I have added a T before the volume number, e.g. TV74. The month (sometimes) and year / page number then follow.

T - *Transactions*
P - *Proceedings*
J - *Journal*
M - *Electrical Engineering Magazine*
V - Volume number

I was not uniform in identifying publications, Some are shown by year only and others by month and year.

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AMERICAN SOCIETY OF CIVIL ENGINEERS TRANSACTIONS 1872-1960
PROCEEDINGS 1874 - 1949
CIVIL ENGINEERING 1930 - 1960

The *Transactions* are usually found bound into volumes, originally covering a full year, later a half year, and then in the Depression resuming annual publication. Copies of them can be found at universities having engineering schools although newer engineering school seldom have the earliest volumes.

This publication is excellent for giving engineering information on the topic being covered. There will be engineering drawings, maps, profiles, and photographs. For a bridge, for instance, the drawings will include not only the entire bridge structure, but also drawings of foundations, and small details.

The papers (articles) which do not deal with a specific structure or railroad usually are excellent for engineering information such as how a bridge should be designed, the standardization of rails, air brakes versus other forms of brakes, different methods of tie preservation besides creosoting, and so on.

Papers are usually followed by discussions by members of the society. Some of these people presented information that should have been indexed such as experiences on a particular railroad; that railroad not being discussed in the article. Also some technical papers not related to a specific railroad will have discussion presented on the experiences of a railroad. I did not take the time to scan the discussions to find information that should have been indexed. How much there is of this I do not know for sure, but discussions I did see rarely had such information.

The *Proceedings* are the papers as presented at a meeting before additional comments are made. After comments had been made, the combined paper and comments were published in the *Transactions.*

The A. S. C. E. "competed" with the American Railway Engineering Association as the disseminator of information on characteristics and problems with rails, ties, track, minor bridges and trestles. During the 1930s the ASCE had very little railroad material and only one paper that dealt with a design subject, rails. The few other papers described an outstanding construction project such as the Cascade Tunnel. The final item I indexed was in 1938, and there was then nothing for at least four or five years.

I discontinued checking the *Proceedings* in 1949, V.75. The last article had been in 1941. Often libraries listed as having the *Proceedings* do not have the section that has the papers, but as these are duplicated in *Transactions* it is unimportant. I have indexed some years of the *Proceedings.* You will note in the listings which follow the duplication of *Proceedings* and *Transactions. If* an article is in-dexed for the *Transactions,* but not for the *Proceed-ngs,* there is a *Proceedings* article several months earlier, but I did not see that volume of the *Proceedings* to index it. If the volume is available you may want to check it.

The index which follows shows the ASCE number of the paper followed by the month and year / pages. For specific railroad references on a subject such as bridges or track, I usually did not list the specific pages that railroad is found. The name often appears at several places in the article. I list the pages for the whole article.

In 1905 the ASCE published in six volumes, A to F, the papers of the International Engineering Congress of 1904. I indicate these articles by the paper #, IEC-A (or B, C, D, E, F) followed by / page numbers.

To indicate the publication, before the V (for volume) I show these initials:

Transactions - I give only the paper #
P - *Proceedings.* Also, only year listed
M - *Civil Engineering Magazine.* Month and year listed

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Buchanon & Northern RR: Locating a RR line in W.Va., #1121, 12-09/105-144.

Buffalo Corning & New York RR: History and development of rail, #434, 4-90/209-232;

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Canadian National Ry: The ten RRs that cross the continental divide MV10 2-40/97-99 & 3-40/161-164 & 4-40/222-224;

Canadian Pacific Ry: Fraser River bridge, #317, 11-85/500, 501; C.P.R. history, description, snow sheds, maps, profiles, #394, 8-88/55-88; Rogers Pass Tunnel in Brit. Col., #1390, 1917/448-497; The ten RRs that cross the continental divide MV10 2-40/97-99 & 3-40/161-164 & 4-40/222-224; Rogers Pass Tunnel PV 43 1917/3-26 & 459-470;

Catasauqua & Foglesville RR: History of Am. RR viaducts, #503, 10-91/349-372.

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Central Pacific RR: Tests of Westinghouse Air Brakes, #314, 10-85/434-438; Tunnels, of C.P. & U.P., #13 V.1 1872/155-172

Central RR of New Jersey: Track signaling, Jersey City to Bound Brook, #560, 4-93/285-286, 292-293; American locos, #650, 2-8-0, Paper #52, IEC-D/257-318; Coal piers along the Atlantic Seaboard, #1291, 12-14/454-502;

Central Vermont RR: Preservation by Burmetting, creosoting, and kyanizing processes, #310, 8-85/303;

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Chesapeake & Ohio Northern RR: Sciotoville, Oh Ohio River bridge PV48 1922/409-452

Chicago & Alton RR: American locos, #553, 4-4-2, paper #52, IEC-D/257-318; Page bascule bridge over Chicago River, #1071, 6-08/314-316;

Chicago & Eastern Illinois RR: Frt. traffic in St LouisV49 1923/within pages1464-1518;

Chicago & Western Indiana RR: Dearborn Station improvements, #1543, 1924/811-814 & V49 1923/1535-1538

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Chicago Milwaukee & St. Paul RR: Construction of pontoon bridge at Prairie du Chien, #277, V13 1884/67-72; Grand River bridge near Chillicothe, Mo., #792, 12-96/341-358 & PV22 8-96/454-468; ; The ten RRs that cross the continental divide MV10 2-40/97-99 & 3-40/161-164 & 4-40/222-224; Track problems with streamliners MV12 7-42/355-358; Harry S. Truman bridge at Kansas City over Mo.Riv. MV15 10-45/adv. p.25;

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Cleveland Union Terminal: New terminal bldg MV1 11-30/77-88

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Denver & Salt Lake RR: Moffat Tunnel, #1657, 1928/63-112 and #1771, 1931/334-378. Moffat tunnel PV56 1930/679-716 & PV57 1931/307;

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Denver South Park & Pacific: Narrow Gauge Rys of Colo. (bound in the Transactions of 1886 as the Annual Convention of the A. S. C. E., 7-2-86, pages 8, 16, 51-64

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AMERICAN SOCIETY OF MECHANICAL ENGINEERS TRANSACTIONS 1880-1960
PROCEEDINGS 1908
JOURNAL 1909-1918
MECHANICAL ENGINEERING 1919-1967

These are actually only two publications. The *Proceedings* was renamed and revamped as the *Journal* which later was renamed *Mechanical Engineering*.

In 1960 the A.S.M.E. produced a composite all-time index up thru 1939 which gives the full title and author of each technical paper or article. I worked from this index, which, however, only gives the first page number. From 1940 I indexed from the magazines and so list first and last page number of each article. Most articles had drawings, charts, photos. By 1960 articles indexed in the annual index were usually very brief summaries of papers that were not published except as individual documents and so today are only in existence at the A.S.M.E. headquarters. Particularly in later years he *Transactions* were usually generic, theoretical "publish or perish" articles.

Copies of these publication either in original form or on microfilm can be found in all colleges having an engineering school.

I identify the publication by abbreviation, the last two digits of the year and / page number.

J - *Journal* (Magazine)
ME - *Mechanical Engineering* (Magazine)
P - *Proceedings*
T - *Transactions*

PROGRESS IN RAILROAD MECHANICAL ENGINEERING
An annual review which began in 1925. This is an excellent overview of locomotive and car development in the U. S. and foreign countries if combined together Until the 1939-1940 review published in 1940 I list only the first page number: ME-25/1132; ME-26/1427; T-1927-28/RR-50-1, ME-28/35; T-29/RR-51-1, ME-29/13; T-30/RR-52-1, ME-30/57, ME-30/457; ME-31/38; ME-31/917; T-33/RR-55-1, ME-32/854; ME-33/539; ME-37/163; ME-37/931, ME-38/22, 425; ME-38/909; ME-39/863, ME 40/875-885, ME 41/879, ME 43/21-30, ME late 1943 or early 1944/? for the year 1942-43; ME 44/763-798, ME 46/107-122, ME 47/199-212, ME 48/321-335, ME 49/299-315, ME 50/303-315, ME 51/293-308, ME 52/285-294, ME 53/291-306, ME 54/236-247 gas turbines and free piston locos; ME 55/308-317 & 396-404, ME 56/218-230, ME 57/140-151, ME 58/82-91, ME 59/66-78, ME 60/66-75 progress in 1958-1959. ME 2-61/54; ME 5-62/54; ME 8-63/37; ME 5-64/36; ME 11-65/60; ME 11-66/42; ME 6-67/30 (Some of these in 1960s may be only a brief sum-mary. By late 1960s this is the way they all were and so I did not continue indexing.

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RAILROAD PROFESSIONAL SOCIETY PROCEEDINGS

For most the annual publications of the different railroad professions had little of lasting interest. Each published an annual book of all the papers (articles) presented by members at their annual m The *Proceedings* dealt with major current problems often in a generic (not dealing with the unique problems of a specific railroad.) They normally gave no coverage of accomplishments of a specific railroad such as a new bridge or tunnel. Information of this sort was relegated to the trade journals such as *Railway Age,* or if of sufficient interest to a professional engineering society's *Transactions* where a detailed account of the accomplishment was presented. (The American Society of Civil Engineers devoted 900 pages to the Pennsylvania Railroad entering New York City for Penn Station.)

These publications were checked because they had occasional material which may have research value. To find these items, usually about 5% of the 500 to 1000 pages in a typical annual *Proceedings* volume, I scanned the pages looking for photographs and maps or an article which included the name of a railroad. Unfortunately it is likely that I missed some worthwhile material. However, at least by looking at these books, many items were discovered. Photographic illustrations usually are second rate or worse.

Unlike the magazine indexes, each of which is produced separately, I have combined all the articles in the *Proceedings* of each organization into a combined index. The location for each article is given by the initials of the professional society, volume number, year / page numbers, such as AREA V7, 1906 /325-340. AREA stands for American Railway Engineering Association. Volume 7 is 1906 (this is a check on each other in case I have a typo error for one) and the page numbers. Should the page numbers be incorrect due to a clerical error, the table of contents of the publication should locate it or you may thumb through the pages. Be sure to check that the volume number and year agree.

Air Brake Association

This association would not have had articles pertaining to specific railroads. The air brake subject was well covered in monthly magazines such as *Railway and Locomotive Engineering* which was indexed.

American Association of Railroad Superintendents 1910 - 1940

No issues of these proceedings were at any of the libraries which I visited. I believe, based on what I saw in other proceedings, that it would have nothing dealing with the operations of specific railroads other than fragmentary mention.

Association of Railway Superintendents of Bridge and Buildings *Proceedings* 1890-1908
American Railway Bridge and Building Association *Proceedings* 1908 - 1997 (ARBBA)

This organization was concerned with all structures on a railroad such as turntables and water tanks. Most of the information is general and not specifically relating to a particular railroad. However, some articles included photos and dissertations on a specific railroad, and these articles were indexed. Volumes 1-30 covering the first 30 annual meetings has a subject pamphlet index, but no indication of specific railroads. Topics include such things as concrete for piles, trestles, engine houses, concrete bridges, etc.

This organization basically duplicated the American Railway Engineering Association. Because of this and the relatively little amount of material and generally poor quality photographs, I did a mediocre indexing job.

1938, 39, & 41 volumes not available for indexing, but probably had very little.

American Railway Engineering & Maintenance of Way Assoc. *Proceedings* 1900 - 1911 (AREA)
American Railway Engineering Association *Proceedings , Bulletin,* 1912 - 1999 (AREA)

Volumes 1 and 2 had nothing of interest and #3 had only one item. Beginning with #4 in 1903 an increasing number of worthwhile articles (for historical purposes) appeared. By 1920 the subject matter rarely included information pertaining to specific railroads or an overview. I found only two articles in 1923, one in 1927, 1930 and a final item in 1932. In 1938 illustrated material dealing with a specific railroad began to reappear with increasing frequency. Advertisements were disbursed throughout the articles thereby inflating, often doubling, the number of pages as given below. In general the articles were more superficial written than prior to 1940;

The *Proceedings* covered all the phases of railroading not concerned with locomotives and cars. Each year they reported on track, rails, ties, trestles, yards and terminal layouts, fencing, signing, crossings, water and coal handling, buildings, signals. Most of the articles I indexed were found in the Yards and Terminals Division of the A.R.E.A. This group often had a paper on some subject which included maps, track and building layouts of specific railroads such as freight yards, shops, major passenger stations..

For a researcher interested in some topic such as signaling, they would do well to look at each volume and not rely on just the articles concerning signaling which I indexed. My indexing includes articles I felt of broader interest or unusually good representative articles.

The *Proceedings* was divided into an annual publication containing member information and the four time yearly *Bulletin* which presented the papers. The two were bound together into a single volume each year.

American Railway Master Mechanics Association *Reports* 1868 - 1918 (ARMM)

The publication has littleconsidered worthy of indexing. Most of it concerned procedures for doing specific repair work and so forth. I indexed from 1875 on. It averaged less than one article per year. All articles indexed have good drawings.

American Railway, Mechanical & Electrical Assoc. *Proceedings* 1903-1906 (AEREA)
American Street & Interurban Engineering Association 1906-1910
American Electric Railway Engineering Assoc.iation 1910-1932
American Transit Engineering Association 1933-1934

There were two associations with almost the same names, the American Electric Ry. Assoc. and the American Electric Ry. Engineering Assoc. The latter had a fair amount of material pertaining to specific railways and cars. The American Street & Interurban Engineering Assoc. had nothing dealing with speci-fic railways.

American Street and Interurban Railways Transportation and Traffic Assoc. 1908 - 1910 (ASIRT)

American Electric Railways Transportation and Traffic Assoc. 1910 - 1931
AmericanTransit Operating Assoociation 1932 - 1934

These *Proceedings* had little of historical value. It was concerned with signals, car design improvements, jitneys and later buses, freight and express traffic. Some of the material appeared in the Am. El. Ry. Eng'g Assoc. *Proceed-ings.*

American Street Railway Association *Proceedings* 1882 - 1905
American Street & Interurban Railway Assoc. 1905-1910
American Electric Railway Association 1911-1932

These *Proceedings* did not include information on specific railways, most everything being generic, and so I felt there was nothing worthwhile to index.

Blacksmith's Association

I do not believe that these Proceedings would include material of historical value or on specific railroads other than brief mention. No library which I visited had copies, and I did not attempt to visit a library which did.

Boilermaker's Association 1907 - 1940

I do not believe that these Proceedings would include material of historical value or on specific railroads other than brief mention. No library which I visited had copies, and I did not attempt to visit a library which did.

Freight Agent's Association

I do not believe that these Proceedings would include material of historical value or on specific railroads other than brief mention. No library which I visited had copies, and I did not attempt to visit a library which did.

Master Car & Loco. Painters Assoc., 1870-1919

I do not believe that these Proceedings would include material of historical value or on specific railroads other than brief mention. No library which I visited had copies, and I did not attempt to visit a library which did.

Master Car Builder's *Proceedings*

This association's annual publication was the largest of the professional societies and the most disappointing. It dealt with general problems and standardization rather than new cars that a railroad or manufacturer had built. As there was little or nothing (The volumes I checked had nothing) pertaining to the equipment of specific railroads, I did not index it. However, for persons interested in general car design of the period, it is very good. The discussion following a paper is often enlightening, but it is slow going to sift through the pages looking for items of interest. The annual proceedings often ran more than 600 pages. Copies of this can be found at Lake Forest Univ., Lake Forest, Il.

Passenger Agents Association

I do not believe that these *Proceedings* include material of historical value or on specific railroads other than brief mention. No library which I visited had copies, and I did not attempt to visit a library which did.

Railway Signal Association *Journal* 1897 - 1918 (RSA)

This journal had very little pertaining to a specific manufacturer of signals or their use on specific railroads. The only articles I found pertaining to specific railroads were several short articles concerning electric railroads. The text probably has little or nothing new, but the photos accompanying the article may have some historical merit.

In 1918 the association was absorbed by the Association of American Railroads and became their signal division. There is no complete run of it. The Crerar Library at University of Chicago has most.

Roadmasters Association of America *Proceedings* 1883-1900 (RMWA)
Roadmasters and Maintenance of Way Association *Proceedings* 1901 - 1914 (RMWA)

This organization was only concerned with track and roadbeds. It has nothing concerning a study of a specific railroad. Illustrated advertisements may have some value. Most of it was reproduction of verbatim discussions on technical points such as the design of a tie plate.

It carried advertisements of hand car manufacturers, Sheffield, Kalamazoo, Buda, Fairbanks Morse and Leslie rotary snow plows. I indexed ads of possible interest.

Tool Foremans Association *Railroad Journal*

I checked several issues of this magazine. There was nothing pertaining to a specific railroad.

Train Dispatchers Association

I do not believe that these Proceedings would include material of historical value or on specific railroads other than brief mention. No library which I visited had copies, and I did not attempt to visit a library which did.

The indexed magazines are coded as follows

ARBBA	American Railway Bridge and Building Assoc.
AREA	American Railway Engineering Association
ARMM	American Railway Master Mechanics Assoc
AEREA	American Railway, Mechanical & Engineering Assoc. - American Electric Ry. Eng'g Assoc.
ASIRT	American Street and Interurban Railways Transportation and Traffic Assoc.
RSA	Railway Signal Association
RMWA	Roadmasters and Maintenance of Way Association

Alaska RR: Camp cars pix ARBBA 1930/115

Amtrak: Providence, R.I. sta. AREA V88 1987/333-343; Connects West Side of Manhattan rail line to Penn Station AREA V92 1991/337-343; 80 mph turnout switches AREA V93 1992/173-176;

Ann Arbor RR: Car ferries ARBBA 1929/93-114;
Atchison Topeka & Santa Fe Ry: Clovis, N.M. coaling sta., AREA V11 1910/1028-1029; pile driver car, AREA V12 1911/295-297; ballast spreading car #199797 and flanger 199870, AREA V17 1916/ 339,344; Kansas City and Topeka car shops, AREA V22 1921/594 & 612; Topeka shops AREA V23 1922/370, 377; Chicago Frt. House interior view AREA V56 1955/413; Signaling at Dallas Union Terminal RSA V.22 1917/466-473; Gasoline rail cars AEREA 1923/55-?; Perry, Ok sta. pix ARBBA 1916/187; Albuquerque shop pix ARBBA 1925/148; Lee Ranch, N.M. 43 mile coal line AREA V86 1985/291-292; Anaheim, Cal sta floor plan (may be U.P.RR) AREA V86 1985/45; Palmer Lake Sunset line AREA V88 1987/251-255; Turntable 85' ARBBA V22 1912/150-151; Main line improvements AREA 12-96/694-707; Argentine Yd improvements AREA 12-96/723-737
Atlanta, Ga: MARTA bridges AREA V85 1984/137-151; Construction V92 1991/344-349;
Atlanta & Vicksburg RR: Vicksburg floods ARBBA 1910/52-58
Atlantic & Great Western RR: Engine truck ARMM 1877/199-207
Atlantic & Western RR: Gasoline rail cars AEREA 1923/55-?;
Atlantic City RR: Gasoline rail cars AEREA 1923/55-?;
Baltimore & Ohio RR Curtis Bay, Baltimore, coal piers, AREA V5 1904/146-153; Connellsville yard, AREA V7 1906, 147-149, 150; Philadelphia and Baltimore pass. stations, AREA, V11 1910/1270-1275, 1292-1293, 1303-130x; Camden, Baltimore pass. sta. and its train movements, AREA V13 1912/914-917, 918, 934; Philadelphia station, AREA V13 1912/929-931; Connellsville car shop, AREA V22 1921/604; Concrete water tanks includes some B&O AREA V22 1921/51-56; Gasoline rail cars AEREA 1923/55-?; El. Loco. #11 drwg AEREA 1915/568-?; Eaton tunnel ARBBA 1921/146; Profile Connellsville to Sand Patch ARMM 1908/after p. 242; Carrollton Viaduct, oldest in U.S. AREA V92/1991/221; Oldest steel bridge in U.S., Bayview Jct. near Baltimore AREA V93 1992/1-2; Sir John's Run, WV concrete water tank ARBBA V21 1911/141 & V22 1912/54-56;
Bay State St. Ry. (Boston): Express and frt. traffic ASIRT 1912/262-279; Express and frt. traffic ASIRT 1913/391-?;
Belt Railroad of Chicago: Clearing Yard, AREA V7 1906/142-146;
Bessemer & Lake Erie RR: Coaling sta. Conneautville, Pa. ARBBA 1909/256-267;
Birmingham Ry Lt. & Pr. Co: shop plans AEREA 1022/212
Birmingham Terminal RR: Birmingham, Ala sta. AREA V11 1910/1299-1300
Boston & Albany RR: South Sta., AREA V13 1912/929, insert 934 and track plan, AREA V24-1923/853; Nov. 1927 flood ARBBA 1928/191-199; Wilson Eddy, Boston & Albany master mechanic obit ARMM 1899/304;
Boston & Maine RR: El. loco. drwg AEREA 1915/568-?; Nov. 1927 flood ARBBA 1928/191-199; Greenville, NH viaduct ARBBA 1908/132; Sta. floor plans Seabrook, Walnut Hill, Mass., Sunapee, NY, West Manchester & Manchester, Mass ARBBA V6 1896/142-147; Fabyian House ice house ARBBA V7 1897/123; Tool car #3048 & camp car #3249 floor plans ARBBA V8 1898/161; Pile driver pix ARBBA V12 1902/189, 197, 199; Crossing gatemen houses & section tool house ARBBA V13 1903/177-182; Derrick car #3337 ARBBA V14 1904/101;
Boston Terminal Co. (South Station): South Sta., AREA V13 1912/929, insert 934; Track plan, AREA V24-1923/853;
British Columbia Ry: New Tumbler Ridge branch, 80 miles, AREA V84, 1923/319-321 & V85 1984/111-129 & 269-339
Brooklyn-Manhattan-Transit: 2 car electric train AEREA 1924/50
Brooklyn Rapid Transit System: RSA V19 1914/442-4564;
Buffalo Rochester & Pittsburgh RR: Orchard Park & Springville, NY sta. pix ARBBA 1916/188; Car ferries ARBBA 1929/93-114;
Burlington Northern (See also CB&Q, GN, NP) : Alliance to Lincoln, heaviest rail traffic in U.S., 150M tons/yr. AREA V85 1984/231; Prescott, Wis bridge AREA V86 1895/295-303; Concrete tie experience AREA V89 1988/273-280; Double tracking Alliance to Lincoln coal line AREA V90 1989/347-349; Vista Tunnel bypass near Whitefish, Mont. AREA V93 1992/285-291; Powder River Basin track AREA 10-95/239-245; Stampede Tunnel reopened, Washington AREA 10-97/203-206; Hobson Yd, Lincoln, Neb. AREA 10-96/477-481
Bush Terminal RR: Yard layout, AREA V5 1904/185-187
Butte Anaconda & Pacific RR: Block signals, ASIRT 1914/210; El. loco. drwg AEREA 1915/568-?
Cambria & Indiana RR: Gasoline rail cars AEREA 1923/55-?;
Canadian National Ry: Storage battery car AEREA 1923/55-?; Winnipeg car shop, AREA V22 1921/594; Toronto Union sta. track plan, AREA V24-1923/888-889; Fraser River Canyon and tunnels, AREA V84 1983/1-18; St. Clair River tunnel enlarged for double stack ARBBA V97 1992/17-26 & ARBBA V99 1994/26-29 & ARBBA V100 1995/18-21; Concrete trestles Welland Canal ARBBA 1928/173-178;
Canadian Northern Ry: Straits of Canso Ry ferry ARBBA 1909/205-214;
Canadian Pacific Ry: Snow sheds and snow plows, AREA V10 1909/889-897; North Transcona yard at Winnipeg, AREA V15 1914/128-130; Calgary and North Bay car shops, AREA V22 1921/607, 615; Angus, Montreal shops, AREA V23 1922/371, 382; Toronto Union sta. track plan, AREA V24-1923/888-889; Snow plows 300875 & 400794 photos AREA V48 1947/352; Fraser River Canyon and tunnels, AREA V84 1983/1-18; Mt. MacDonald tunnel AREA V89 1988/460-461; Pile driver #300027 ARBBA V26 1916/154; Std. open and enclosed 40,000 gal. water tanks ARBBA V15 1905/148-151;
Cape Breton & Nova Scotia Ry AREA 1-95/1-3
Carolina Clinchfield & Ohio RR: Gasoline rail cars AEREA 1923/55-?;
Central New York Southern Ry: Gasoline rail cars AEREA 1923/55-?;
Central of Georgia RR: Macon union sta. track plan, AREA V24-1923/881; Concrete bridge at Millen, Ga. ARBBA 1923/66-68; Section laborers and foreman houses ARBBA V13 1903/166-167; Tool house for section gang ARBBA V13 1903/169'; Savannah concrete water tank ARBBA V21 1911/137;
Central Railroad of New Jersey: Newark frt. terminal warehouse, AREA V9 1908/560-567; Ashley incline plane, AREA V10 1909/321-326; Communipaw eng. term. pix ARBBA 1925/149; Engine trucks ARMM 1877/199-207;
Central Vermont RR: Nov. 1927 flood ARBBA 1928/191-199;
Charlotte Columbus & Augusta RR: Water tank drwgs ARMM 1875/146-153;
Chattahoochee Valley RR: Storage battery car AEREA 1923/55-?
Chesapeake & Ohio RR: Richmond sta, AREA V11 1910/1306-1307; Huntington shops, AREA 33-1932/440-459; Depot floor plans ARBBA V6 1896/125;
Chicago & Alton RR: Ridgely, Il coaling sta., AREA V11 1910/1032-1033; Bloomington shops AREA V23 1922/371, 380; Chicago frt. sta., AREA V24-1923/706; Roundhouse, Il & Bloomington, Il coaling sta's ARBBA V12 1902/121-122;
Chicago & Eastern Illinois RR: Dolton yard, AREA V7 1906/149; Danville shops AREA V23 1922/371, 381; Portable derrick & push cars ARBBA 1909/165-166; Small depot floor plan ARBBA V6 1896/115; 50' boarding camp car ARBBA V8 1898/181;
Chicago & North Western Ry: Chicago shops, AREA V23 1922/370, 378; Ice house at Green Bay ARBBA 1914/54-61; De Pere, Wis sta. pix ARBBA 1916/190; Bridge #142 Dakota Div. ARBBA 1917/47; Bridge #737 Peninsula Div trestle ARBBA 1917/48; Melrose Park Sta. ARBBA 1911/257; Tool camp car #X2 & 10834 ARBBA V8 1898/167-169; Pile driver ARBBA V12 1902/200, 203; Proviso Yd diesel shop enlargement ARBBA V93 1988122-134; Powder River Basin, Wyo. track AREA 10-95/239-245;
Chicago & Western Indiana RR: Dearborn sta., AREA V11 1910/1276-1279; Crane car #24 ARBBA V25 1915/55;
Chicago Burlington & Quincy RR: Big Shoal cut-off between Sorento and Reno, Il, AREA V8, 1907/321-342; Aurora shops, AREA V23 1922/370, 379; Chicago frt. sta., AREA V24-1923/702; Profile Browning to Baders ARMM 1908/after p.242; Palmer Lake Sunset line AREA V88 1987/251-255; Riverside, Il sta. ARBBA V26 1916/182; Hobson Yd, Lincoln, Neb. AREA 10-96/477-481; Concrete trestles ARBBA 1928/173-178; Ashland Ave., Chicago grade crossing elimination ARBBA 1928/178-183
Chicago City Rys: Concrete water tank ARBBA V22 1912/60-61;
Chicago Great Western RR: Chicago frt. sta., AREA V24-1923/720; Gasoline rail cars AEREA 1923/55-?;
Chicago Milwaukee, & St. Paul (& Pacific) RR: Pile driver car, AREA V12 1911/293-294; Godfrey, Il yard, AREA V13 1912/935-936; Marmouth, ND car shop, AREA V22 1921/617; West Milwaukee shops AREA V23 1922/372, 384; Concrete water tanks includes some Mil., ARBBA V22 1912/51-56; Signaling Ringling to Three Forks, Mont., RSA V.22 1917/454-459; Concrete viaduct at Tosalie, Wa ARBBA 1916/170-176; Stoughton, Wis sta. pix ARBBA 1916/189; Maintenance of way camp cars ARBBA 1917/137-139, 144; St. Paul Pass tunnel at Mont-Is state line ARBBA 1921/132-145; 1927 Miss. Riv. flood worst on record ARBBA 1927/111-130; Concrete trestles ARBBA 1928/173-178; Montana & Idaho signaling.RSA V.22 1917/454-459; #827 4-6-0 pix ARMM 1892/23; Milwaukee sta. floor plan AREA V86 1985/44; Roselle, Il commuter sta AREA V86 1985/52; San house at West Milwaukee ARBBA V5 1895/82-83; Old box car sleeping & tool car ARBBA V8 1898/165; Pile driver X218 pix ARBBA V12 1902/173-182;
Chicago Rock Island & Pacific RR: Gasoline rail cars AEREA 1923/55-?; Steam car 2551 & 2552, AEREA 1912/683-760; Ice house at Albert Lea, Mn ARBBA 1914/62-64; Hazen, Ok sta. pix ARBBA 1916/189; Bridge #134 Missouri Div. ARBBA 1917/51; 1927 Miss. Riv. flood worst on record ARBBA 1927/111-130; Hutchinson, Ks depot floor plan V6 1896/132-133; Tell Tale ARBBA V7 1897/165;
Chicago St. Paul Minneapolis & Omaha Ry: Chippewa Falls sta ARBBA p[ix V261916/183;
Chicago Transit Authority (CTA): Line rehabilitation AREA V92 1991/355-361; Green Line rehabilitation AREA 12-96/710-713;
Chicago Tunnel RR: Plugging the leak ARBBA V97 1992/35-41
Chicago Union Station: Redevelopment ARBBA V96 1991/145-158

Chicago Union Transfer Ry: Clearing Yard, AREA V7 1906/142-146
Cincinnati New Orleans & Texas Pacific RR: Somerset, Ky. sta. ARBBA V26 1916/183;
Cleveland Ry Co: shop plans AEREA 1022/219; Woodhill car yard AEREA 1911/475-483;
Cleveland Cincinnati, Chicago & St. Louis RR (Big Four): Columbia pass. sta., AREA V11 1910, 1290-1292; Beech Grove shops AREA V23 1922/372, 382; Sand house Bellefontaine, ARBBA V5 1895/84-85; Southside, Oh & Home City, Oh depot plans V6 1896/127-129;
Columbus & Greenville RR: Replaces 103 year old, 60# rail with 90#. AREA V87 1986/165;
Conrail: Clearance project for double stacks in Pennsylvania AREA 12-96/611-620
Copper Range RR: Houghton roundhouse and portion of yard pix ARBBA V19 1909/320;
Cowlitz Chehalis & Cascade RR: Gasoline rail cars AEREA 1923/55-?;
CSX: Salt River bridge near Shepardsville, Ky. AREA V93/ 1992/271-275; Shepardsville, Ky bridge replacement ARBBA V97 1992/176-182; Lafayette, Ind. grade crossing elimination 12-95/373-379
Cumberland Valley RR: First use of A.C. power for signals on a steam RR., RSA V10 1910/441-443
Dallas Ry: shop plans AEREA 1022/216
Dallas Term. Ry & Union Depot Co: Union sta. track plan, AREA V24-1923/882-883; Interlocking RSA V.22 1917/463-464;
Delaware & Hudson RR: Nov. 1927 flood ARBBA 1928/191-199; Camp cars ARBBA 1930/120-127; Enlarging Beldon Tunnel AREA V87 1986/235-236;
Delaware Lackawanna & Western RR: Hoboken sta., AREA V11 1910/1280-1284; Gang camp cars, AREA V19 1918/1128-1130; Scranton and Keyser Valley shops, AREA V22 1921/609, 613-614; Stas at Greensville, NJ, Lake Hopatcong & Pocono Summit pix ARBBA 1916/185-186; Concrete over-pass road bridges ARBBA 1921/174, 199; Engine truck ARMM 1877/199-207; David Brown, DL&W supt. motive power & #888 big loco. obit ARMM 1911/503; Connection with former Pa. RR at Kearney, N.J. for running trains into Penn Station AREA 12-95/419-426
Denver & Rio Grande (Western) RR: Ice houses ARBBA 1914/65-66; Palmer Lake Sunset line AREA V88 1987/251-255;
Denver Laramie & Northwestern RR: Signaling V.17 1912/256-259; Signaling RSA V.17 1912/256-259;
Detroit United Rys: Detroit terminal sta. photos and plans AEREA 1925/373; 3 car articulated train AEREA 1924/50;
Detroit Toledo & Ironton RR: Old iron bridge at Storms Creek near Ironton, Oh, AREA V13 1912/Monograph P.27-30; Camp cars ARBBA 1930/113
Duluth & Iron Range RR: Concrete water tanks, AREA 31-1930/441-449; Concrete bridge at Miwabik, Mn ARBBA 1923/65
Duluth & Winnipeg RR: small depot ARBBA V6 1896/114;
Duluth Missabe & Northern RR: Hibbing sta. pix ARBBA 1916/187; Iron ore dock ARBBA 1920/99-101;
Elgin Joliet & Eastern RR: Turntables, includes drwgs of EJ&E, ARBBA, V22 1912/143-214; Local depot floor plans ARBBA V6 1896/118-119; Crane #3 ARBBA V25 1915/56;
Ephrata & Lebanon Ry: Storage battery car #A AEREA 1913/604;
Erie RR: Jersey City sta, AREA V11 1910/1284; Electric cars AEREA 1923/55-?; Ice house at Marion ARNNA 1914/67-70; #2600 0-8-8-0 drwg and profile Susquehanna to Gulf Summit ARMM 1908/after p.242; Havden stoker ARMM 1910/66-68; King's Creek & Barberton, Oh depot plans ARBBA V6 1896/134-135; Tell tales ARBBA V7 1897/162;
Erie & Wyoming Valley: 3 cyl. loco. history world wide 1846-up, ARMM 1913/247-289
Eureka Southern: Eel River mud slide problems AREA V87 1986/285;
Florida East Coasr Ry: Car ferry ARBBA 1929/96, 101-102
Fonda Johnstown & Gloversville RR: Gasoline rail cars AEREA 1923/55-?;
Fort Smith Subiaco & Rock Island RR: Gasoline rail cars AEREA 1923/55-?;
Fresno Interurban Ry: Gasoline rail cars AEREA 1923/55-?;
Georgia Ry. & Power Co. Fulton County shop plans AEREA 1022/213; Wood preservation (creosoting) plant, AEREA 1922/405-409
Gilmore & Pittsburgh Ry: Gasoline rail cars AEREA 1923/55-?;
Grand Trunk Ry: Chicago car shop AREA V22 1921/593; El. loco. 0-6-0 drwg, AEREA 1915/568-?; Car ferry ARBBA 1929/94-95, 97;
Great Northern Ry: King St. Seattle Sta., AREA V11 1910/1307-1308; St. Paul shops AREA V23 1922/373, 385; Minneapolis sta. track plan, AREA V24-1923/885; Turntables, includes drwgs of GN, ARBBA, V22 1912/143-214; Coal dock with drwgs, V3 1902/157-158; Gasoline rail cars AEREA 1923/55-?; Rail car #2306, AEREA 1923/55/58; Electric and diesel locos on track and curves AREA V55 1954/223-244; Falls of St. Anthony stone bridge ARBBA 1927/155-162; #1810 & #1900 2-6-62 & profiles of Montana to Everett, Wash. ARMM 1908/after p. 242; Vista Tunnel bypass near Whitefish, Mont. AREA V93 1992/285-291; Coaling sta. ARBBA V9 1899/111-115; Concrete trestles ARBBA 1928/173-178;
Great Western Ry of Canada: Water tanks ARMM 1875/146-153;
Guilford Transportation: Rebuild Saco River bridge in Maine AREA 5-97/1-7
Hannibal & St. Joseph RR: Loco. boiler drwg ARMM 1872/69-70 + insert
Harlem Transfer Co: Frt. term. L/O ARBBA V19 1909/219;
Holton Interurban Ry: Gasoline rail cars AEREA 1923/55-?;
Illinois Central RR: Derrick and pile driver cars, AREA V12 1911/287-289; Centralia, Il yard, AREA 13V 1912/935-936; Gang camp cars AREA V19 1918/1133-1134; Centralia car shop AREA V22 1921/608; Burnside, Il shops, AREA V23 1922/373, 386; Reefer icing facilities at Waterloo, Ia, Gwin, Miss, and Jackson, Miss., AREA V23 1922/847-867; Layout of Markham Yard, AREA 31-1930/434; Coal docks with drwgs at Paducah, Il, Waterloo, Ia, and 26th St, Chicago, AREA V3 1902/154-158; 1927 Miss. Riv. flood worst on record ARBBA 1927/111-130; Ice house at Centralia ARBBA 1914/103-104; Car ferries ARBBA 1929/94, 97-99'; Centralia ice house ARBBA V24 1904/103, 104; Local depot plans ARBBA V6 1896/116; Pile driver #20 pix ARBBA V12 1902/183-186; Scale test car X8006 ARBBA V23 1913/148; Bennet Carre Spillway near New Orleans ARBBA 1934/159-165;
Illinois Traction Co: Signaling, RSA V.17 1912/263-267; Express and frt. traffic ASIRT 1912/262-279; Block signal report ASIRT 1911/278-292; Signaling RSA V.17 1912/263-267;
Indianapolis Union RR: Pass. sta. AREA V11 1910/1301-1303
Interborough Rapid Transit Co: 159th St. yard, AEREA 1911/484-488
Intercolonial Ry: Straights of Canso Ry ferry ARBBA 1909/205-214; Out-house ARBBA V13 1903/186;
Jonesboro Lake City & Eastern RR: Gasoline rail cars AEREA 1923/55-?;
Kanawha & Michigan RR: Crane car C108 ARBBA V25 1915/57;
Kansas City Southern RR: Trestle fires ARBBA 1924/1439-151;
Kansas City Terminal RR: Union sta. layout and train operations, AREA V16 1915/959-962 Union sta. track plan, AREA V24-1923/860, 893; Grade crossing elimination at Kansas City ARBBA 1928/173-178;
Kentucky Traction & Terminal Co.: Light weight interurban cars (no picture) ASIRT 1922/306-317;
Knoxville Ry. & Lt. Co.: Magnolia shop plans AEREA 1022/215
Lake Erie & St. Louis: Local depot plans ARBBA V6 1896/122; Rockport, Ind. sta plans ARBBA V6 1896/123;
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American Loco. Wks: Albert J. Pitkin, pres. Alco obit ARMM 1906/554-556;
Baldwin: Dr. Edward H. Williams, partner obit ARMM 1901/374-378; Flexible beam 0-6-0 development ARMM 1916/159, 162-163;
Brooks Loco. Wks : Horatio G. Brooks, Pres. obit ARMM 1887/184-186; Edward Nichols. Pres. Brooks Loco. Wks obit ARMM 1892/213;
Cooke Loco. Wks: James Cooke obit AARM 1885/182-183;
Norris Loco. Wks: 4-2-0 boiler ARMM 1886/48
Perkins, Thatcher: 1849 feed water heater ARMM 1918/115-119;
Rogers Loco. Wks: Reuban Wells :Supt, obit ARMM 1913/ ??;
Winans, Ross: Vertical boiler 0-8-0 of 1843 patent ARMM 1916./163-164; feedwater heater 1836 ARMM 1918/106-108;

MAINTENANCE OF WAY EQUIPMENT
Note: Over the years other papers were presented on these subjects not indexed
Camp cars and housing, feeding ARBBA 1917/137-166;
Camp cars and portable camp buildings, AREA V20 1919/763-781; ARBBA V8 1898/161-181; ARBBA 1930/113-134
Cars and trucks equipped for hi-railer service photo AREA V55 1954/510-511
Wrecking crane car drawing, RMWA 1894/148;
Pile drivers: ARBBA V12 1902/173-208;
Derrick on push cars: ARBBA V19 1909/164-172;

MISCELLANEOUS
Car ferries: ARBBA 1929/93-114
Western Union Telegraph Co. camp cars ARBBA 1930/131 & 134;
VLA Very Large Array radio telescope, Socorro, N.M.'s railroad AREA V91 1990/1-3
Mail crane: ARBBA V12 1902/157, 158

RAILROAD OPERATIONS
Express and freight traffic on electric railways, ASIRT 1912/262-279 & 1913/391-?. Several other years of the periodical had small amounts but not pertaining to specifically named railways.

SIGNALING
Block and train order signals, semaphore, including a history, AREA V4 1903/283-314
Block Signaling on electric railways: ASIRT had considerable of a generic type article (not a specific railway.) Good block signal study is ASIRT 1911/278-305; Interurban Ry block signals AEREA 1912/263-267;
Nacob block signals for electric rys. AEREA 1913/233;
Tell Tales: ARBBA V7 1897/162-165

STRUCTURES
Note: Over the years there were many generalized papers presented on these subjects which I did not index.
Coal Docks: Discussion with drawings of specific RR structures, AREA V3 1902/150w-160s; ARMM 1887/104-125; ARBBA V9 1899/97-125; ARBBA V9 1899/97-115; 500 ton dock ARBBA V12 1902/125
Freight Houses, Design, AREA V24-1923/701-723
Ice Houses: ARBBA V7 1897/120-125; ARBBA V24 1914/73-104
Snow sheds: AREA, V10 1909, 889-897;
Turntables: ARBBA V22 1912/143-214
Water Tanks: Standard designs AREA V3 1902/163-178; Concrete water tanks , ARBBA V21 1911/117-141 & V22 1912/51-76; Concrete ARBBA 1911/117-152; ARMM 1`875/146-153;
Crossing Guard houses: ARBBA V13 1903/174-182;
Section laborers houses and section foreman houses ARBBA V13 1903/166-173;

TRACK
Spikes: Screw spikes, AREA V10 1909, 1498-1549; 5 years experience with screw spikes, AREA V16 1915/Monograph 301-364; Pa. RR screw spike tests, AREA V19 1918/Monograph 3-276;
Ties: Steel ties, AREA V10 1909/495-511; Concrete ties AREA V10 1909/511-520;
Tie plates and their effect on ties AREA V58 1957/852-877;
Track: Concrete slabs to assist ballast in distributing loads on soft roadbeds, AREA V22 1921/447-465; Burlington Northern Concrete tie experience AREA V89 1988/273-280;

BOOKS

There are several books or series of books which are particularly useful for reference primarily because of their illustrations and specifications pertaining to equipment, both steam and street railways. While these books carried the usual commonly known locomotives and cars, they also included much obscure material. So as to make known the existence of this material, I decided that the volumes should be indexed.

As far as I know, there are no books giving comparable coverage for the structures and layouts of specifically named railroads. Much of what appears in the *Locomotive Cyclopedia* and *Railway Engineering and Maintenance* is generic -photos and drawings, track layouts and so forth that represent typical buildings, bridges, shops, engine terminals and yard layouts, and so forth.

AMERICAN LOCOMOTIVE ENGINEERING AND RAILWAY MECHANISM 1871-1873
RECENT LOCOMOTIVES 1883
MODERN LOCOMOTIVES 1897

These three books predate the *Locomotive Dictionary*. They have many drawings and in the 1897 volume photographs of all the types of locomotives being built in the United States and Europe.

Copies of these volumes can be found at the Railroad Museum, Strasburg, Pa 17756, the California State Railroad Museum, 111 I Street, Sacramento, Cal. 95814, DeGolyer Library, Southern Methodist University, Dallas, Tex, 75275, and Lake Forest College, Lake Forest, Il, 60045. A computer search at may locate additional volumes.

The *American Locomotive Engineering and Railway Mechanism* is commonly referred to as the Weissenborn Plates. It is two volumes, one of text (very rare) and the second containing the drawings. The drawings are excellent and cover all parts of locomotive construction circa 1870. It is indexed below as WEIS followed by the drawing numbers. There are no page numbers.

Recent Locomotives reproduced descriptions and the engravings of 70 locomotives which had previously appeared in the *Railroad Gazette* over a twelve year period. (They have also been indexed in that periodical.). There are no photographs, but besides the engineering drawings there are engravings of the locomotives. It is indexed RL - Page xx for the description and Figure xx for the drawings which do not have page numbers.

Modern Locomotives includes extensive specifications, photographs and drawings on 313 locomotives ranging from the simplest electric mining locomotive to the largest locomotives up to 1896. About one third are foreign. I have indexed it ML - page numbers followed by D, P, or DP which indicates if the illustrations are photographs, drawings or both. The first page number of each listing is the specification page.

U. S. AND CANADIAN RAILROADS AND ELEVATED RAILROADS
Adirondack & St. Lawrence RR #10, Ne-Ha-Sa-Ne 4-4-0 Inspection Loco., ML - 30, 77P
" "St. Lawrence" 2-4-6 Inspection ML - 201, 221P
" #50 2-6-0 ML - 265,267P
Alabama Great Southern Ry: #115 4-4-0 ML - 227, 229P
" #1379 4-6-0 ML - 233, 238P
American Fork RR #1, "Onward," 1872 0-4-4 Bogie RL - Page 19, Figu96
Atlantic City RR #1027 4-4-2 ML - 235,255DP
Atlantic Coast Line (W&WRR) #153 4-4-2 ML - 97, 142P
Augusta Southern RR #104 4-4-0 ML - 30, 879, 80DP
Baltimore & Ohio RR, #600, 1876 2-6-0 RL - Page 7, Fig 54
" #?, built c.1895 4-4-0 ML - 27, 33-34D
" Class I-6 4-4-0 ML - 28 & 29, 53, 67-69D
" Class B-8 4-6-0 ML - 96, 132D
" #1241 2-8-0 ML - 144, 155P
" #? Built by B&O 0-6-0 ML - 177-178D
" #? Built 1893 by Bald. 0-4-0T ML - 187, 188D
" #1 electric loco. 0-4-4-0 ML - 386. 394=395DP
Baltimore & Potomac RR #22, 0-6-0T WEIS- Plates 65-66, 68
Billerica & Bedford RR "Ariel," 0-4-4 ForneyRL - Page 18, Figures 84-89
Boston & Albany RR #230 4-4-0 ML - 29, 62P
Boston & Maine RR #281 4-4-0 ML - 31, 84-86DP
Boston, Concord & Montreal RR #29, "Mt. Washington" 2-6-0 RL - Fig 53
Brooklyn Elevated RR Forney 0-4-4 ML - 273, 276D
Buiffalo & Susquehnna RR #109 4-6-0 ML - 95, 127-130 D
" #101 2-8-0 ML - 143, 145P
" #? Shay ML - 200, 217D
Burlington & Missouri River RR #275 0-10-0 ML - 199, 207
Camden & Atlantic RR firedoor RL - Page 25, Figure 119-120
Cape Ann Granite RR #1 0-4-0 ML - 187, 191P
Central Pacific RR #229, 1882 4-8-0 RL - Page 13-14, Fig 76-78
" #? " ML - 295D
" #236, 1882 2-6-2T RL - Page 14, Figure 81
Central Railroad & Banking Co of Ga. #1136 0-6-0 ML - 174, 185P
Central Railroad of New Jersey "Star" 4-2-4T Insp. Loco. Weis - Plates 40-41, 47, 48-49, 55, 58
" #410 4-6-0 ML - 94, 114P
" #450 4-4-0 ML - 227, 228P
" #457 4-4-2 ML - 234,249P
Chesapeake & Ohio Ry #129 4-6-0 ML - 96, 137P
" #?, Built by Schen. & Rich. 1890 0-6-0 ML - 173, 181-182D
" #100 4-6-0 ML - 234,242-243PD
Chicago & Calumet Terminal RR #? 2-8-2 ML - 199, 209-210D
Chicago & Eastern Illinois #48 2-6-6 ML - 195, 198P
Chicago & Grand Ttrunk Ry #155 4-4-0 ML - 31, 82DP
Chicago & North Western RR #908 4-4-0 ML - 30, 77P
" #400 4-6-0 ML - -94, 111P
Chicago & Northern Pacific RR #20 4-4-4T ML - 195, 196P
Chicago & South Side Rapid Transit #1 0-4-4 Forney ML - 273, 278-280DP
" #46 0-4-4 Forney ML - 273, 274
Chicago, Burlington & Quincy RR 4-4-0 ML - 29, 63-64D
Chicago, Milwaukee & St. P.RR #?, 1890s 4-4-0ML -27, 35-38D
" #797 4-6-0 ML - 93, 106D
" #590 2-4-2 ML - 96, 130-13131D
" #796 4-6-2 ML - 199, 213D
" #827 4-6-0 ML - 234,245P
" #830 4-6-2 ML - 235,253DP
" #838 4-4-2 ML - 235,254P
Chicago, Rock Island & Pacific RR #1101 4-4-0 ML - 31, 87-88DP
Cincinnati, Hamilton, & Dayton RR #? 4-4-0 ML - 55-57D
Cincinnati, Hocking Valley & Toledo Ry 2-6-0 ML - 265,268D
Cincinnati, Lebanon & Northern RR #9 2-6-2 ML - 96, 133-135DP
Cleveland, Cincniati, Chi.&St.L RR #? 4-4-0 ML - 27, 41-44PD
" #201 " ML - 31, 82-83DP
" #205 4-6-0 ML - 94, 115-117DP
" #472 " ML - 233, 240
" #502 " ML - 93, 103-105D
Concord & Montreal RR #38 4-4-0 ML - -28,50Ps
" #33 4-4-2 ML - 97, 141P
Cornwall & Lebanon RR #1 2-8-0 ML - 256,257P
Cumberland Valley Special RL - Page 40
Delaware & Hudson RR #121 4-4-0 ML - 28, 50P
" #339 " ML - 30, 78P
" #93 2-8-0 ML - 144, 156
Delaware Lackawanna & West. RR, M&E Div. #160 4-4-0 ML-29, 73- 74DP
" M&E Div. #153 4-4-0 ML - 31, 82P
" #15 4-6-0 ML - 94, 110D
" #16 "Compound "ML 234,243,244DP
" #? Camelback built c.1887 at Dickson 2-6-0 ML - 158, 159-160D
" M&E Div. #16 2-6-0 ML - 157, 170-171DP
Delaware, Susquehanna & Schuylkill RR #19 2-6-0 ML - 157, 167
Denver, South Park & Pacific RR #15, "Breckenridge," 1880 0-6-6 Bogie RL - Page 21, Figure 104
Erie RR Passenger Car Weis - Plate 9
" "E.B.Thomas" 4-4-0 ML - 29, 60-61DP
" #? built 1889 4-6-0 ML - 93, 102D
Erie & Wyoming Valley RR #36 2-6-0 ML - 200, 215

Everett & Monte Cristo RR #3 4-6-0 ML - 96, 138DP
Evansville, Washington & Worthington RR #1, 1880 0-4-4 Forney RL - Page 19, Figure 93 (Lettered I. & E. RR)
Flint & Pere Marquette RR 0-4-4L R - Page 18, Figures 90-91
Florida Central & Peninsular Ry #29 4-4-0 ML - 30, 80P
Grand Central Station #1 0-6-0 ML - 271,272DP
Great Northern Ry built by Brooks, 1892-3 4-6-0 ML - 95, 125-126D
" #515 compound 2-8-0 ML - 256,259-262DP
Green Bay & Western RR #23 4-4-0 ML -32, 90-92D
Illinois Central RR: #961 4-4-0 ML - 32, 90, 91PD
" #424 2-6-0 ML - 265, 268-269D
" #263 2-6-6 ML - 273, 274DP
Indianapolis & Evansville RR 0-4-4 Forney RL - Page 19, Figure 93 (Sold prior to delivery to Evansville, Washington & Worth. RR)
Kansas City, Pittsburgh & Gulf Rr #25 2-6-0 ML - 157, 163P
Lake Shore & Michigan Southern RR #599 4-4-0 ML - 2,47-49DP
" #564 4-6-0 ML - 94, 118-120DP
" #601 4-6-0 ML-- 233, 239P
Lake Street Elevated (Chicago) #10 0-4-4 ML - 273, 275-176DP
Lehigh Valley RR 2-8-0, 1876 R L - Page 9-10, Figures 59-62
" #20, "Champion" 4-8-0 RL - Page 12, Fig 72-75
" camelback built by Baldwin 4-4-0 ML - 30, 75-76D
" #708 4-6-0 ML - 95, 124P
" #668 4-4-2 ML - 96, 140DP
Louisville & Jefferson Btidge Co. #1 0-6-0 ML - 173, 183-184
Maine Central RR #159 2-6-0 ML - 158, 172P
Manhattan Ry $400, Hardee Compressed Air 0-4-2T ML - 202, 226
Manitou & Pikes Peak Ry Rack ML - 181, 282
Metropolitan Elevated RR (New York City) 2-4-2 DummyRL - Page 22-23, Figure 109
Michigan Central RR #? 4-6-0 ML - 93, 99D
" #?, compound " ML - 235,252D
Midland Terminal RR #2 2-8-0 ML - 144, 155P
Missouri Kansas & Texas Ry #251 2-8-0 ML - 143, 145P
" #263 2-6-0 ML - 265, 270DP
Missouri Pacific Ry #698 4-4-0 ML - 31, 80P
Montana Union RR #75 Shay ML - 100, 203P
Morgan's Louisiana & Texas RR #27. 1879 Forney 0-4-4 RL - Page 19, Figure 94
New England RR #56 2-6-0 ML - 157, 164P
New Jersey Railroad & Transp Co. #44 4-4-0 pass.Weis - Plates 1-14, 31-32, 56, 69, 75
" #143 4-4-0 frt.. Weis - Plates 15-17
New Mexico & Southern Pacific RR #204, RR "Uncle Dick" 2-8-0T RL - Page 14, Figure 79
New York & Harlem RR #26, 1876 Forney 0-4-4 RL - Page 19, Figure 95
New York Central & Hudson River RR 4-4-0, 1877RL - Page 2, Fig 9-17
" #897, 870 4-4-0 ML - 28, 46DP
" #999 " ML - 29, 65-67DP
" #? Built by Brooks 2-6-0 ML - 157, 160-162S
" #829 2-6-6 ML - 193, 198P
" #? Tender with water scoop 4-4-0 ML - 321
New York Elevated RR #39 Forney 0-4-4 RL - Page 22, Fig 108
" #29 0-4-4 ForneyRL - Page 18, Figures 92
" #?D ummy 0--4-0 RL - Page 21, Figure 107
" #400 Hardie compressed air 0-4-2T ML - 202, 226
New York, Lake Erie & Western RR #805` 2-10-0 ML - 281, 288P
New York, New Haven & Hartford RR #840 4-4-0 ML - 28, 54D
" #403 " ML - 31, 87P
" #278 2-8-0 ML - 143, 151DP
" #424 2-6-0 ML - 158, 171
" Nantasket Beach electric car - ML - 387, 396P
New York, Ontario & Western RR #1 4-4-0 ML - 94, 112-113DP
Newport New & Mississippi Valley RR #? 4-6-0 ML - 93,97D
Norfolk & Western RR #330 2-8-0 ML - 256,263P
Oregon Railway & Nav. Co. #150 4-6-0 ML - 96, 136
Pennsylvania RR, #10, class K, 1881 4 -4-0 RL - Page 4-5, Figures 22-42
" #? c.1876 2-8-0, RL - Page 10-12, Figures63-69
" #1502 compound 4-6-0 ML - 233,239P
" #1503 " ML - 233, 239P
" #1504, c.1895 4-4-0 ML - 27, 45P
" Class P " ML - 29, 5860
" Class L " ML - 31, 88-90D
" Class R, #400 2-8-0 ML -143, 146147DP
" Class U 0-4-0 ML - 187, 189D
" #? compound 2-6-0 ML - 293
" #? Std. tender with water scoop 4-4-0 ML - 322
Peoria & Pekin Union Ry #? Built 1889 by Brooksa 0-6-0 ML 173, 175-176D
Philadelphia & Reading RR #? built c.1888 by Bald.2-8-0 ML 143, 148-149D
" "Pennsylvania" c.1879 0-12-0 RL - Page 14, Figure 80
" #385 4-2-2 ML - 227, 232P
" #408, 4-6-0 RL - Page 8-19, Figures 55-58
" #411, 1880 4-4-0 RL-Page 3, Figures 18-21"
" #415, 1880 2-8-0 RL-Page 12, Figures 70-71
" #507, 1880 4-2-2 RL - Page 6, Fogires 43-47
" #597 4-4-0 ML - 27, 39-40D
" #694 2-4-2 ML - 235, 254P
" #1027 4-4-2 ML - 235, 255DP
Pittsburgh, Fort Wayne & Chicago RR 4-4-0 Weis-Plates 22-23, 33-35, 38-39
Pittsburgh Junction RR #9 2-8-0 ML - 144, 155P
Pittsburgh, Shenango & Lake Erie RY #5 0-6-0 ML - 173. 180P
Quincy & Torch Lake RR #1 2-6-0 ML - 157, 167-169DP
St. Clair Tunnel Co # 598 0-10-0T ML - 199, 208P
St. Louis, Chicago & St. Paul RR #15 0-6-0 ML - 173, 179DP
San Francisco & San Joaquin Valley RR "Claus Spreckles" 4-6-0 ML-95, 123P
Savannah, Florida & Western Ry #101 4-6-0 ML - 94, 111-112DP
Seaboard Air Line RR #546 4-4-0 ML - 30, 81D
" #551 4-6-0 ML - 95, 124P
Southern Ry #322 " ML - 234, 240P
" #222 2-8-0 ML -256, 264P
Southern Pacific of Cal. #1818 4-6-0 ML - 95, 121-122DP
Southern Pacific #739 4-6-0 ML - 233, 238P
Sydney & Louisburg Ry #13 2-6-4 ML - 200, 216
Terre Haute & Indianapolis RR built 1893 by Pitts. 4-6-0 ML - 94, 109-110D
Terre Haute & Peoria RR #259 4-6-0 ML - 234,246-126DP
Toledo, Peoria & Western Ry #4, 2-8-0 ML - 143, 152-153DP
Union Pacific RR #? Built at Omaha 4-4-0 ML - 28.51-52D
" #? 1890s 4-6-0 ML - 96, 139D
" 3? ", 1893 2-8-0 ML - 144, 154D
Union Terminal RR (of Kansas City) #56 2-4-4 ML - 273, 277
United Verde & Pacific RR #2 2-6-0 ML - 265, 266P
Wabash RR: #?, built c.1889 by the RR 4-6-0 ML 93, 100-101D
Western New York & Pennsylvania RR #88 0-6-0 ML - 173, 185P
Western Railway of Alabama #318 4-4-0 ML - 28. 54P
Wheeling & Lake Erie RR #?, built 1890s 4-6-0 ML - 290
Wisconsin Central RR #? built 1892 by Brooks 2-6-0 ML157, 165-166D
Fontaine Locomotive 1880 4-2-2 RL - Page 6, Figure 48

INDUSTRIAL COMPANIES AND PRIVATE RAILROADS

Baldwin Loco. Wks plant switcher #13361 2-4-2 TML- 28, 49P
Blossburg Coal Co. (Penna.) electric ML - 390, 404P
Carnegie Steel Co. Buffalo Furnace Co. #1 0-4-0T ML - 187, 192-194DP
" Edgar Thompson Steel Wks #36 "ML - 202, 224P
Charleston South Carolina Mining & Mfg. Co #1 0-6-0 ML - 174, 185P
Cross Creek Coal Co. #23 (Separate tender) 0-4-2 ML - 202, 225P
Crozier Coal & Coke Co. 0-6-0 ML - 389, 401P
Delaware & Hudson Coal Co. Compressed air 0-6-0 ML - 202, 226D
Dominion Coal Co (N.S.) #13 2-6-6T ML - 200, 216P
Hillyard & Bailey's Logging RR "Florida" Forney, 0-4-2 RL Page 18, Fig83
Jefferson Coal Co (Pa) Compressed air 0-6-0 ML - 200, 200, 218P
Longfellow Mining Co. (Coranada Mines, Ariz.), 0-4-0T RL - Page 21, Figure 106 (Loco. preserved in 1990s)
Lower Terrebone Ref. & Mfg. Co (La?) 0-4-2 ML - 201, 222P
Lykens Valley Coal Co.(Pa) #8 0-4-0T ML - 174, 186P
Miles Planting & Mfg. Co. "Edith" 0-4-2 ML - 201, 220P
G. M. Morrell Planting & Mfg. Co. 0-6-2 ML - 201, 223P
Mount Pleasand Mining Co (NJ) 0-4-0T ML - 200, 217P
Peerless Coal & Coke Co. 0-4-0T ML - 201, 220P
Pittsburgh Loco. Wks plant switcher #200 0-4-0T ML - 187, 192P
Punxsutawney Iron Co.(Pa) #8 0-6-0T ML - 174, 186P
Sessions Foundry Co. #1 0-4-0T ML - 187, 190P
E. D. Smith & Co. Contractors #2 0-4-0T ML - 187, 191PS. D.
Susuqhenna Coal Co. (Pa) Compressed air 0-4-0 ML - 200, 218P
Warren & Co. (Me) #1 0-4-0T ML - 187, 190P

FOREIGN COUNTRIES

Argentia Coast Line Ry of Buenos Ayres 2-4-2T ML - 200, 214D
Australia, New South Wales built 1890, Baldwin 4-6-0 ML - 93, 10D
" built by Baldwin 1890, compound 2-8-0 ML - 256,257-259DP
New South Wales Govt. Ry 2-8-0 ML - 332, 364P
Belgium .75 meter Tramway and light rrwys 0-6-2T RL - Page 39, Fig 172-174
Belpaire firebox RL - 45, Figures 197-198
State Ry. of Belgium #? 2-4-2 ML - 326, 346D
" #? (triplw boiler) 2-4-2 ML - 329, 356P

Belouchistan Northwestern Ry (triple expansion) 2-4-0 ML - 335, 374D
(Country lunknown)
Bolivia Pacamayo & Huanchaca Ry built by Bald. 2-6-0 ML - 158, 172P
Bosnia Beyrout & Damascus Ry Rack 0-6-2 ML - 334, 370P
Brazil Matanzas RR #32, 1879 2-6-6 RL - Page 15, Figure 82
Central Ry. of Brazil, "4 de Julio" 4-4-0 ML - 29, 70-73DP
" #200 "13 de Marco" 2-6-6 ML - 195, 196-197DP
" #? n.g."23 de Nov." 4-8-0 ML - 199, 204-206DP
" #? std.g. " ML - 199, 211-212D
Leopoldina Ry #113 0-6-0T ML - 173, 184P
Melhoramentos No. Brazil #10 2-6-0 ML - 265,266P
Paulista Ry #46 2-8-0 ML - 256,263P
Tijuca Ry "Manoel Felizardo" Dummy 0-4-0 ML - 234, 371P
Chile Antofagasta Ry #51 0-6-2T ML - 201, 221P
Govt. Ry. of Chile #? 4-4-0 ML - 227, 230P
Chilian State Rys #? " ML - 227, 230P
" #? 4-6-0 ML - 234, 248P
China China Ry #? 4-4-0 ML - 326, 348P
Costa Rica Costa Rica Ry 0-6-4T ML - 201. 221P
Denmark Danish State Rys #501 4-4-0 ML - 326, 348P
Dominican Republic: San Domingo "Cibao"Rack&Adh. 0-2-4-0 ML - 281, 283P
Finland Finland State Ry #322 2-6-0 ML - 331, 360P
France Northern Ry of France 1878 4-4-0 RL - 25, Figure 122-125
" #? " ML - 235, 376D
" #? four cyl. compound 2-4-0 ML - 337. 381D
" #? three cyl. compound 2-6-0 ML - 337, 381D
" #? tandem compound 0-8-0 ML - 337, 381P
" #2122 4-4-0 ML - 337, 382D
Eastern Ry of France #802 4-4-0 ML - 328, 355P
Paris, Lyons & Mediterranian Ry #? 2-4-2ML - 338, 382D
" #? 0-8-0 ML - 338, 382D
" #? " ML - 338, 383D
" #? built 1892 4-4-0 ML - 338, 383D
" #C23 " ML - 338, 383-384D
" Electric loco. 4-4-2 ML - 388, 398D
Phosphate Co. of France 0-4-4 ML - 201, 222P
Heilmann Steam electric loco ML - 389, 400DP
Germany: See Prussia, Saxony
Great Britain: Caledonia Ry #128, 1881 4-4-0, RL - 26,-29 Figure 127
" #13 " ML - 328, 354P
" #124 " ML - 329, 357P
" #123 4-2-2 ML - 330, 357P
Cambrian Ry "Albion" (1863) 2-4-0T ML - 234/ 371P
" "Cambria" (1863) 0-6-0T ML - 234, 371P
EBBW Vale Ry "Little Dorrit" (1870) 0-4-0T ML - 234, 371P
Furness Ry #38 2-2-2T ML - 234, 371P
Glasgow & South Western Ry #333 0-4-4 ML - 333, 367-368PD
Great Eastern Ry 4-4-0 RL - Page 29-30, Figures 128-129
" 2-6-0 RL - Page 35-36, Figires 161-162
" Loco. boiler RL - Page 42-44, Figures 180-192
" Front (bogie) truck 4-4-0 RL - Page 44, Figures 193-196
Great Northern Ry #? 4-2-2 ML - 326, 345D
Great Western Ry #7 "Armstrong" 4-4-0 ML - 327, 351DP
" #3032 "Agamemnon" 4-2-2 ML - 327, 352DP
Highland Ry #89 "Sir George" 4-4-0 ML - 328, 353P
" #111 4-6-0 ML - 330, 359P
Lancashire & Yorkshire Ry #111 24-4-0 ML - 325, 340, 341DP
" #1026 0-6-0 ML - 331, 361362DP
London & North Western Ry 2-4-0 RL - Page 31, Figures 130-131
" #173 2-4-2 RL - Page 41, Figure 179
" #2146 1882 Frt. Loco. 0-6-0 RL - Page 31-33, Figure 135
" Handyside Steep Gradie Loco. 0-6-0T RL Page 32, Fig 136-137 "
Crewe Works 18" ga. shop loco. 0-4-0T RL - Page 41, Fig 179
" "Greater Britain" 2-4-2 ML - 335, 374D
" #? (built 1890s) 0-8-0 ML - 336, 377D
" #687 2-4-2T ML - 336, 378P
London & South Western Ry #593 4-4-0 ML - 329, 357P
" #201 0-4-4 ML - 332, 365P
" #? 2-4-0T ML - 335, 373P
London, Brighton & South Coast Ry #40 0-6-0T RL - Page 33, Figure 138, 140-160
London, Chatham & Dover Ry #106 0-4-4T RL - Page 38, Figu167
" #192 4-4-0 ML - 327, 350P
Manchester, Sheffield & Lincolnshire Ry #535 0-6-2 ML 333, 369P
" #687 4-4-0 ML - 334, 372P
" #680 0-6-0 ML - 234, 372P
" #3576 2-4-2T ML - 234, 372P
" #161 0-6-2T ML - 234, 372P
Metropolitan Ry #73 2-4-0T ML - 333. 369P
Midland Ry #1147 Frt. Loco. 0-6-0 RL - Page 31-33, Figure 133
" #2199 4-4-0 ML - 325, 342P
" #1868 4-2-2 ML - 325, 343P
North British Ry "Roseneath" 4-4-0T RL Page 36, Fig. 163-165
" #695 4-4-0 ML - 326, 347-348DP
North Eastern Ry #947 0-4-4T RL - 38, Figure 166
" #1623 4-4-0 ML - 325, 343, 344DP
" #? 4-2-2 ML - 327, 349-350D
" #? 0-4-4 ML - 331, 363-354DP
" #1619 4-4-0 ML - 335, 375P
South Eastern Ry #285 Frt. Loco. 0-6-0 RL - Page 31-33, Fig 134
" #368 0-4-4 ML - 333, 368DP
West Highland Ry #695 4-4-0 ML - 326, 347-348DP
Atlas Works, Glasgow, Scotland (12 locos.) ML - 334, 371P
Glasgow Corp. Gasworks #? 0-4-0 ML - 234, 371P
Hawthorne Works Loco. crane ML - 333, 369P
Guatemala: Guatemala Central Ry #13 4-6-0 ML - 94, 111P
Holland Dutch Rys #364 4-4-0 ML - 327, 350P
India light railway, 30" gauge 4-4-0 ML - 329, 356P
Bombay, Baroda & Central Indian Ry#181 0-6-0 ML - 372P
Himalayan Ry #1B (1893) 0-4-0T ML - 234, 371P
Oude & Rohileund Ry #? 2-4-0 ML - 335, 373P
" #? " ML - 335, 373P
Ireland: Great Southern & Western Ry #2, 4-4-0 RL - Figure 126
" #35(Forney type) 0-4-4 RL - Page 38, Figure 168
" #64, 2-4-0 RL - Figure 132
" #202 (Forney type) 0-6-4 RL - Page 38, Figure 169
Italy: .75 meter Bari-Barletta & Biella-Cossato lines 0-6-2T RL - Page 39, Figures 172-174
Count Telfener rack ML 281, 282P
Japan Unknown company, #22 0-8-0T ML - 30, 77P
Sanyo Ry #34 2-6-0 ML - 158, 172P
" #39 2-4-2 ML - 227, 231P
Mexico Mexican Central Ry built 1895 by Rh. Is. 4-6-0 ML - 93, 106-108D
" #145 " ML - 233, 239,290DP
" #150 Double bogie 2-6-0 0-6-2 ML - 281, 284-287DP
Mexican Sou. Ry #? Built by Baldw.1892-3 2-8-0 ML - 143, 145P
Mexican Ry #3 4-6-0 ML - 330, 358-359DP
" #? 0-8-0 ML - 332, 366D
Netherlands - See Holland
New Zealand Wellington & Manawatu Ry #14 2-6-2 ML 265, 267P
Peru Nejia & Arequipa Ry (Cooke C.N. 750) 2-6-0 Weis- Plates 18-21, 24-30, 36
Portugal Villa Real & Regoa Tramway #1 & #2, Special 0-6-0 0--6-0 RL- Page 39, Figure 175
Prussia Prussian State Rys #341 4-4-0 ML - 329, 356P
" #1870 2-6-0 ML - 332, 364P
Russia Vladicaucase Ry #? 2-8-0 ML - 256,264P
State Transcaucasian Ry #? 0-6-2 ML - 227, 229P
" #? 0-4-2T ML - 281, 283P
" #? 2-10-0 ML - 281,288P
Grazi Tsaritsin Ry #70 0-8-0 ML - 336, 378DP
Saxony Royal Saxon State Rys #? 0-4-4-0T ML - 336, 379DP
" #822? "Crottendorf" ML - 338, 380DP
Spain Spanish State Rys "Constitution" (1859) 2-2-0 ML - 334, 371P
Seville & Jerez Ry #? (1859) 2-2-2 ML - 234, 371P
Barcelona & Saragossa Ry #? (1860) 0-4-2 ML - 234, 371P
Sweden Uknown railway 0-6-2T RL - Page 38, Figures 170-171
Switzerland Special "walking beam" loco. 0-4-0T RL - Page 40, Figure 176
Riggenbach's loco. , 1878, ack RL - Page 41, Figures 177-178
Brunig Pass Ry 3352 rack ML - 333, 370P
Swiss Central Ry#166 0-4-4-0T ML -337, 379P
Unknown: Hormiguero Central Ry #4 2-8-0 ML - 143, 150P
Standard Mretal Co. "Concheno" 0-4-2 ML - 201, 223P
Mountain Mines Ltd #1 0-4-4 ML - 202, 225P
Ramal Ferreo Campineiro #3 2-6-2T ML - 273, 277P

CARS, INSPECTION
Steam car (Jay Noble design) 1876 RL - Page 24, Figure 111

ELECTRIC RAILROADS & ELECTRIC LOCO. MFGERS.
Baldwin Westinghouse express passenger loco. 0-4-4-0 ML - 388, 399P
" switcher & crane loco. ML - 389, 399D
" mine locomotive 0-6-0 ML - 389, 401P
Field Electric Loco. 0-4-4 ML - 386, 393DP
General Electric Co. 30 ton 0-4-0 ML - 386, 393DP
" light loco. ML -389, 399P
" mine loco's. " ML - 390, 402-405PP
Jeffrey Mfg. Co (Loco. Mfger) mine loco. " ML - 390, 402P

Link Belt Mach. Co. (Loco. mfger) mine loco. "ML - 390, 402P
Metropolitan (West Side, Chicago) Elevated RR car #724 ML - 387. 396DP
North American Co. Sprague 67 ton 0-8-0 ML - 386, 392DP
Suburban Electric Locomotive Co. elevated car, #none ML -388, 397-398DP
Thompson Houston Co. truck ML - 389, 401P
Westinghouse Electric & Mfg. Co. Wheless System 0-2-2 ML - 387, 395DP

LOCOMOTIVES
Compressed air ML - 200, 218-220P, 226DP
Electric See Electric Railroads
Elevated See Steam Railroads
Geared ML - 100,200,203,217,281,282,333,370
Inspection ML - 77, 221P; Weis -
Mining See Industrial Companies
Plantation ML - 220P
Rack (Cog) RL - Page 41, Figires 177-178
Street See Street Railways

LOCOMOTIVE BUILDERS
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" 2-6-0 Weis- Plates 60-61, 64, 74, 76-79, 82
" 2-8-0 Weis - Plates 72-73, 80, 84
" Standard 4-4-0, 1871 RL - Page 1, Figures 1-3
" Standard 2-6-0. 1872 RL- Page 7, Figures 49-52
" wood burning, n.g. compound 4-4-0 ML - 227, 229P
" "Atlanta" 4-6-0 ML - 234, 237P
" #13350 "Columbia" 2-4-2 ML - 234,249-251P
Brooks Loco. Works 0-4-4 Forney, 3' gauge RL - Page 16-19, Figures 83-95
Danforth Loco. & Mach. Co. 4-4-0 Weis - Plates 43, 52, 57, 59, 62, 67
Grant Loco. Works 2-4-2 Weis - Plates 42, 44-45, 50-51, 53-54
" Standard 4-4-0, 1873 RL- Page 2, Figures 4-8
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Mason Machine Works 0-4-4 Bogie RL - Page 20, Figure 97-103
Richmond Loco. Wks #2427 compound 4-6-0 ML - 233,240-241PD

LOCOMOTIVE COMPONENTS
Belpaire firebox RL - 45, Figures 197-198
Joy valve gear RL - page 24-25, Figure 112-117
Walschaert valve gear RL - 45, Figures 199-203
Von Borries compound system ML - 331, 359P

STREET RAILWAYS
Unknown Baldwin 0-4-0, Dummy with pass. car # RL - Page 21, Figure 105
Crescent City RR (New Orleans) Fireless 2-2-0 RL - Page 23, Fig. 110
New Orleans & Western RR (street?) Compressed air 0-4-0 ML - 200, 219P
New York & Brooklyn Bridge RR #11 2-4-2T ML - 200, 218P
" #12 2-4-2T ML - 202, 224P

MISCELLANEOUS
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LOCOMOTIVE DICTIONARY 1906, 1909, 1912, 1916, 1919
LOCOMOTIVE CYCLOPEDIA 1922, 1925, 1927, 1930, 1938, 1941, 1944, 1947, 1950-52, 1956
CAR AND LOCOMOTIVE CYCLOPEDIA 1966, 1970, 1974, 1980, 1984, 1997

These books cover the entire field of locomotives from the smallest gasoline or electric industrial to the largest along with chapters devoted to shops and engine terminals.

The photographs all have specifications for the locomotives. Drawings indexed are mostly general drawings, with some others such as boiler and firebox drawings.

Besides the equipment being indexed, I have also indexed shops and engine terminal facilities if they have been identified by railroad company.

Because diesel locomotives were built to standard models rather than to designs of the railroads, the need for a cyclopedia dropped. It was discontrinued after the 1956 issue, but revived in a combined car and locomotive cyclopedia in 1966. The locomotive section at 250 pages had only one third the number of pages of its predecessor. The format was by manufacturer with the models of each described with a few pictures of locomotives of most models. Decreasing operating management and lessened new designs of both locomotives and cars caused no cyclopedia to be published between 1984 and 1997

Copies of these volumes are at many locations, but full sets and nearly full sets are scarce. Among the locations having an almost complete collection are the Railroad Museum at Strasburg, California State Railroad Museum at Sacramento, Barriger Library at University of Missouri, St. Louis, and locations listed in the *Union List of Serials, Third Edition*,

I have indexed the year / page numbers. (For1906 volume it is the figure number as page numbers were not used in the book.) If there is only a single page number, it is a photograph unless marked D or PD. The 1909 volume mostly duplicates the illustrations of the 1906 book.

Two pages listed - One page is photo, the other drwg. The drawing usually is the entire locomotive.

3 or more pages include assemblies of the locomotive which may be drawings or photos.

D after page number - Drawing but no photo
PD after page number - Photo and drawing on same page
CB Camelback - cab in center
F Forney type
T Tank type

RAILROAD - STEAM LOCOMOTIVES

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Western Maryland 1203 4-6-6-4 41/162-163; 44/148-149, boiler 244-245, 275, 277; 47/144-145, boiler 234, 242
Western Maryland 1403 4-8-4 47/207, boiler 232; 50/537
Western Pacific 210 2-6-6-2 30/189
Western Pacific 252 2-8-8-2 38/167
Western Pacific 259 2-8-8-2 47/56
Western Pacific 335 2-8-2 38/137; 41/136
Western Pacific 402 4-6-6-4 38/164; 41/168; 44/150; 47/146
Wheeling & Lake Erie 3 0-4-0 06/4; 09/2
Wheeling & Lake Erie 2401 2-8-0 16/165, 201; 19/182, 231; 22/123
Wheeling & Lake Erie 3967 0-6-0 41/122; 44/116
Wheeling & Lake Erie 3981 0-6-0 47/116; 50/508
Wheeling & Lake Erie 6401 2-8-4 38/146, 330; 41/142; 44/132; 47/129
Wheeling & Lake Erie 8009 2-6-6-2 30/189
White Pass & Yukon 71 2-8-2 44/226; 47/218
Wisconsin & Michigan 600 4-6-0 25/163
Wisconsin Central 132 2-4-6T 06/30; 09/15
Wisconsin Central #? 2-6-0 06/91D; 09/47D
Youngstown & Northern 105 0-6-0 30/127
Youngstown & Northern 108 0-6-0 38/122; 41/122; 44/116

LOCOMOTIVES - WORLD WAR I:
42 locos from 0-4-0 to 2-10-0 for both domestic and foreign war service illustrated 1919/916-927.

LOCOMOTIVES - DIESEL ELECTRIC (OIL ELECTRIC & NATURAL GAS)
Alaska RR 3011 97/283
Albany & Northern 70 600hp 47/959
Alma & Jonquires 101 1000hp 50/106
Amtrak 304 3000hp 84/570
Amtrak 503 3000hp 74/S15-30&31
Amtrak 802 97/490
Amtrak 2006 97/487
Asbestos & Danville 46 1000hp 50/185; 56/168
Atchison Topeka & Santa Fe 11 4000hp 41/975
Atchison Topeka & Santa Fe 13 4000hp 41/963
Atchison Topeka & Santa Fe 50 4000hp color 41/955, 967; 44/967
Atchison Topeka & Santa Fe 100? 5400hp 41/991, 999
Atchison Topeka & Santa Fe 400 380hp 41/1003
Atchison Topeka & Santa Fe 610 2400hp 56/74
Atchison Topeka & Santa Fe 1200 97/578 Natural gas
Atchison Topeka & Santa Fe 1900 3600hp 70/859
Atchison Topeka & Santa Fe 2102 1600hp R.S. 56/68
Atchison Topeka & Santa Fe 2301 600 hp 38/929
Atchison Topeka & Santa Fe 2353 1000 hp 41/989
Atchison Topeka & Santa Fe 2605 2400 transfer 56/82
Atchison Topeka & Santa Fe 4687 3600hp 74/S15-28
Atchison Topeka & Santa Fe 5177 3000hp 84/570
Atchison Topeka & Santa Fe 5687 3600hp 80/770
Atchison Topeka & Santa Fe 7484 3600hp 80/786; 84/542-543
Atchsion Topeka & Santa Fe 8088 80/788; 84/544-545
Atlanta & St. Andrews Bay 901 1000hp 44/954
Atlantic & East Carolina 500 1000hp 56/77
Atlantic Coast Line 603 1000 hp 44/904
Atlantic Coast Line 2001 3000Hp 66/960
Atlantic Coast Line 2011 3000Hp 66/976
Baltimore & Ohio 1 5400hp 44/969
Baltimore & Ohio 190 500hp 44/973
Baltimore & Ohio 925 1600hp 56/156
Baltimore & Ohio 3845 2000hp 70/846
Baltimore & Ohio 4108 3000hp 74/S15-22; 80/762
Bessemer & Lake Erie 861 2000hp 70/847
Bessemer & Lake Erie 873 2000hp 80/766
Bingham & Garfield 802 1500 hp 44/973
Birmingham Southern 19 1000hp 74/S15-34; 80/778
Birmingham Southern 72 900 hp 38/928, 930
Boston & Maine 114 380hp 41/969
Boston & Maine 1101 600?hp 38/931
Boston & Maine 1173 660hp 56/76
Boston & Maine 1173 660hp 56/76
Boston & Maine 4201 5400hp 44/989
Boston & Maine Flying Yankee 41/975
British Columbia Ry 722 3600hp 74/S15-12&13
Burlington Northern 1101 600hp 84/554
Burlington Northern 1500 1800hp 97/450
Burlington Northern 2707 2300hp 84/560
Burlington Northern 2882 2250hp 97/451
Burlintgon Northern 5335 3000hp 74/S52&53
Burlington Northern 5560 3000hp 80/788; 84/544
Burlington Northern 9401 4000hp 97/455
Burlington Northern Santa Fe 981 4400hp 97/462
Canadian National 1000 750hp diesel hydraulic 56/170
Canadian National 1554 1000hp 56/164
Canadian National 2500 2000hp 74//S15-6
Canadian National 2542 2000hp 80/755
Canadian National 2582 2512hp 84/535
Canadian National 5542 3000hp 74/S15-38; 80/780
Cnaadian National 5560 3000hp 74/S15-39; 80/780
Canadian National 7260 1800hp 97/467
Canadian National 9000 2660hp 30/1071
Canadian Pacific 4215 2400hp 66/980
Canadian Pacific 4239 2400hp 70/896
Canadian Pacific 4744 4000hp 74/S15-16; 80/756
Canadian Pacific 5648 2000hp 74/S15-18; 80/760, 768
Canadian Pacific 6549 660hp 56/166
Central RR of New Jersey 1000 300 hp 30/1067
Central RR of New Jersey 1546 1600hp 56/63
Central RR of New Jersey 2000 double ender 47/977
Central RR of New Jersey 3676 3000hp 70/852
Chesapeake & Ohio 600 2400hp 2 unit 56/99
Chesapeake & Ohio 1508 1500hp 84/586
Chesapeake & Ohio 3310 3000hp 70/871
Chesapeake & Ohio 3906 2300hp 70/884
Chesapeake & Ohio 6700 1800hp 56/72
Chesapeake & Ohio 8261 3000hp 80/790
Chicago & North Western 914 3600hp 70/854
Chicago & North Western 1205 650hp 44/1004
Chicago & North Western 1696 1600hp 56/154
Chicago & North Western 1701 1750hp 56/122
Chicago & North Western 4071 3000hp 2 unit 56/107
Chicago & North Western 5005 4000hp 44/903
Chicago & North Western 5007 2000hp 41/968
Chicago & North Western 5050 3500hp 84/564
Chicago Burlington & Quincy 100 5400hp 44/988
Chicago Burlington & Quincy 9100 380 41/972
Chicago Burlington & Quincy 9148 600hp 41/975
Chicago Burlington & Quincy 9208 1000hp 41/989
Chicago Burlington & Quincy 9911 97/496
Chicago Burlington & Quincy "Silver Pilot" 4000hp 41/975 color
Chicago Burlington & Quincy "Silver Speed" 4000hp 41/983; 44/963 color
Chicago Indianapolis & Louisville 36 1600hp 50/182
Chicago Milwaukee St. Paul & Pacific 4- 5400hp 41/9-71
Chicago Milwaukee St. Paul & Pacific 15 4000 hp 41/975; 44-966
Chicago Milwaukee St. Paul & Pacific 582 2300hp 70/861
Chicago Milwaukee St. Paul & Pacific 1678 1000hp R.S. 41/953
Chicago Milwaukee St. Paul & Pacific 1690 380hp 41/973; 44/969
Chicago Milwaukke St. Paul & Pacific 1802 1000hp 44/1002
Chicago Rock Island & Pacific 350 30 ton 0-6-0 diesel mech. 41/1-11; 44/997
Chicago Rock Island & Pacific 361 360hp 41/1010; 44/996
Chicago Rock Island & Pacific 402 1500hp 56/102
Chicago Rock Island & Pacific 626 2000hp 41/975, 985
Chicago Rock Island & Pacific 747 1000hp RS 41/955
Chicago Rock Island & Pacific 9011 800 hp 30/1075-1077PD
Chicago Rock Island & Pacific Rocket 2000hp 41/954; 44/966
Chicago St. Paul Minneapolis & Omaha 10 380hp 44/1004
Columbus & Greenville 603 1500hp 47/978
Connecticut Dept. of Transportation - New Haven 6696 3000hp; 97/493
Conrail 1994 2250hp 80/794; 84/548
CSX 217 4400hp 97/460
CSX 8451 3000hp 97/449
Delaware & Hudson 313 2250 70/868
Delaware Lackawanna & Western 857 2400hp 56/148
Denver & Rio Grande Western 67 660hp 41/1001
Denver & Rio Grande Western 5400 5400hp 41/971; 44/988
Duluth & Northeastern 35 1000hp 70/865
East Erie Commercial RR 16 380hp 50/194
Elgin Joliet & Eastern 100 Transfer 47/976
Fernwood Columbia & Gulf D1 & D2 380hp 47/960; 50/191
Florida Dept. of Transportation (Tri Rail) 801 3200hp 97/480
Fort Worth & Denver City ? 1000 hp 38/942, 939; 41/974, 1009; 44/1006
Galveston Wharves 1000hp 84/576
Great Northern 168 1200hp 56/127
Great Northern 322 3000hp 70/853
Great Northern 2539 3300hp 70/873
Great Northern 5100 600 hp 30/1071
Great Northern 5403 1000hp 41/975, 990; 44/902
Great Northern 5700 2700hp 41/991, 999; 44/989
Green Bay & Western 311 2400hp 66/966
Gulf Mobile & Ohio 270 2000hp 41/968
Gulf Mobile & Ohio 280 2000hp 47/976
Gulf Mobile & Ohio 663 660hp 41/953
Gulf Mobile & Ohio 710 1500hp 47/? color
Hoboken Manufacturers 600 600 hp 30/1068
Illinois Central 1000 ? 30/1075
Illinois Central 4001 4000hp 41/975
Illinois Central 9201 1800hp 38/920; 44/1007
Illinois Central 9205 2000hp 41/975,900; 44/982
Illinois Central 9430 1800hp 66/998
Illinois Central HU-1 heater car 41/1020
Kansas City Southern 3 2000hp 41/975
Kansas City Southern 710 3500hp 84/568
Kansas City Southern 1113 1000hp 44/954
Kansas City Southern 1150 660hp 47/978
Kansas City Southern 4754 3000hp 97/469
Kentucky & Indiana Terminal 67 1500hp 70/866; 74/S15-35; 80/778
Lake Superior & Ishpeming 2302 2250 70/869; 74/S15-48
Lehigh Valley 107 600 hp 38/928
Lehigh Valley 113 600hp 44/982; 47/980
Long Island 401 300hp 27/1013
Louisville & Nashville 126 600hp 50/192

Louisville & Nashville 2729 2250hp 74/S15-46
Maine Central 311 1000hp 56/78
Maine Central Flying Yankee 41/975
Manufacturers 206 1000hp 41/955
Manufacturers 254 1500hp 84/574
Maryland Dept. of Transportation MARC 53 3000hp 97/484
Maryland Dept. of Transportation MARC 73 2300hp 97/485
Massachusetts Bay Trans. Authority 1025 300hp 97/479
Metro North Commuter RR 201 3200hp 97/490?
Metro North Commuter RR (N.Y.) 2040 El.-D.E. 97/478
Metro North Commuter RR (N.Y.) 4184 3000hp 97/486
Metropolitan Transportation Authority -Long Island 200 2400hp 66/966
Metropolitan TransportationAuthority - Long Island 400 97/489
Mississippi Export 44 380hp 44/971
Missouri Kansas Texas 195 3000hp 70/850
Missouri Pacific 27 3000hp 74/S15-53
Missouri Pacific 709 3000hp 70/851
Missouri Pacific 803 360hp 41/1011; 44/997
Missouri Pacific 1531 74/S15-36; 80/776
Missouri Pacific 1722 1500hp 84/584
Missouri Pacific 4195 1600hp 56/86
Missouri Pacific 4800 3000hp 84/546
Missouri Pacific 7000 2000hp color 41/975, 985; 44/986
Missouri Pacific 9103 100hp 41/1012
Monongahela 100 550 hp 38/944
Monongahela 407 600hp 56/367
Monongahela Connecting 161 1100hp 41/1001; 44/1010
Naperville Junction 4051 1500hp 50/185
New Jersey Transit 4140 3000hp 97.483
New Jersey Transit 4146 3000hp 97/482
New Orleans Public Belt 32 660 hp 38/934-935
New Orleans Public Belt 51 1200hp 56/90
New York Central 20 1000 low slung 56/175, 178
New York Central 506 400hp 41/973; 44-972
New York Central 513 400hp 44/1006
New York Central 574 600hp 41/990
New York Central 588 600hp 56/130
New York Central 622 600hp 44/984
New York Central 1500 900 hp 30/1070
New York Central 1525 300 hp 30/1070
New York Central 1550 900 hp 30/1071
New York Central 4405 2000hp 56/136
New York Central 5012 2000hp 50/158; 56/140
New York Central 9110 1200 hp 50/180; 56/152
New York Chicago & St. Louis 90 380hp 50/188
New York New Haven & Hartford 0400 1500hp 47/950
New York New Haven & Hartford 0450 1500hp 47/950
New York New Haven & Hartford 0802 380hp 44/970; 47/959
New York New Haven & Hartford 0907 600 hp 38/940-941
New York New Haven & Hartford 0913 600 hp 38/929
New York New Haven & Hartford 0931 660hp 41/944
New York New Haven & Hartford 529 97/496
New York Susquehanna & Western 231 1000hp 44/955
Norfolk & Western 314 1800hp 56/70
Norfolk & Western 1633 3000hp 74/S15-24; 80/768
Norfolk & Western 8515 3600hp 84/540
Norfolk Southern 1614 1600hp 56/88
Norfolk Southern Ry (2nd) 8921 97/462
North County Trans Co CORSTER 2101 3000hp 97/481
North East Oklahoma 258? 500hp 41/974
North Louisiana & Gulf 90 600hp 50/190
Northern Pacific 110 1000hp 41/1001
Northern Pacific 132 1200hp 56/124
Northern Pacific 2500 2500hp 66/992
Northern Pacific 3622 3600hp 70/844
Northern Pacific Terminal Co 30 660hp 47/955
Ontario Northland 1400 1600hp 56/162
Ontario Northland 1402 1600hp 50/186
Pacific Great Eastern 624 1800hp 66/980
Pacific Great Eastern 702 3000 hp 70/897
Penn Central 2894 3300hp 70/872; 74/S15-54
Penn Central 2934 3300 hp 74/S15-54
Pennsylvania 2548 2500hp 66/982
Pennsylvania 3908 600 hp 38/928
Pennsylvania 9352 380hp 50/190
Pennsylvania Reading Seashore Lines 6000 800hp 56/88
Peoria & Pekin Union 800 1500hp 97/470
Pere Merquaette 20 600hp 47/959
Port Authority Trans Hudson PATH L1 475hp 97/471
Providence & Worcester 2001 74/S15-5
Providence & Worcester 2008 2000hp 84/558
Quesnel North Shore & Laborador 251 3000hp 74/S15-40; 80/782
Reading 40 900 hp 38/930
Reading 863 2400hp 56/134
Roberval & Sguenay 20 1500hp 50/184; 56/168
Saint Louis San Francisco 835 3000hp 70/870
Saint Louis San Francisco 847 3000hp 74/S15-50
Santa Maria Valley 10? 70 ton 56/196
Saratoga & Schuylerville 11 600hp 47/958
Seaboard Air Line 125 2000hp 66/962
Seaboard Air Line 1100 2500hp 66/1002
Seaboard Air Line 1472 1200hp 56/92
Seaboard Air Line 1807-3207 (cowand calf(74/S15-4?
Seaboard Air Line 3001? 600hp 41/983
Seaboard Air Line 4000 5400hp 41/991
Seaboard Air Line 4500 Centipede 47/976
Seaboard Coast Line 303 12800hp 74/S15-42
Seaboard Coast Line 5130 2300hp 80/796
Southern 6100 5400hp 41/991, 999
Southern ? 4000hp 41/968
Southern 3815 3600hp 80/786; 84/542
Southern 3985 2250hp 80/794; 84/548
Southern 4600 2800hp 84/564
Southern DS-2000 660hp 41/952; 44/952
Southern DS-2002 600hp 41/989
Southern Pacific 100 3600hp 70/860
Southern Pacific 1017 1000hp 41/10020
Southern Pacific 1021 1000hp 41/1003
Southern Pacific 1023 1600hp 56/76
Southern Pacific 1053 900hp 56/80
Southern Pacific 1347 1000hp 44/955
Southern Pacific 3208 3600hp 70/858
Southern Pacific 4850 2400hp 66/970
Southern Pacific 5110 660hp 50/190
Southern Pacific 5301 2300hp 70/849
Southern Pacific 7030 2800hp 80/802-803
Southern Pacific 7112 3000hp 97/452
Southern Pacific 8739 3600hp 74/S15-59
Southern Pacific 8784 3300hp 74/S15-56 `
Southern Pacific 9005 3600hp diesel hydraulic 66/1050-1051
Southern Pacific 9019 3600hp diesel hydraulic 66/1050-1051
Southern Pacific 9019 2400hp 66/967
Southern Pacific 9168 3600hp 74/S15-28; 80/770
Spokane Portland & Seattle 20 1000hp 41/952; 44/952
Spokane Portland & Seattle 315 2400hp 66/964
Tacoma Municiipal Belt Line 901 500hp 44/973
Terminal RR Assoc. of St. Louis 522 660hp 44/954
Terminal RR Assoc. of St. Louis 571 1000hp 41/953
Toronto GO 559 97/488
Union Pacific 61 5500hp, D.E. 66/972
Union Pacific 951 6000hp, 3 unit 97/495
Union Pacific 959 2000hp 47/990
Union Pacific 1298 97/577 Natural gas fuel
Union Pacific 5002 5000hp 70/874 & 879
Union Pacific 6900 6600hp 70/861
Union Pacific 7017 6000hp 97/458
Union Pacific 9401 97/566
Union Pacific DS-1015 1000hp 41-975; 44/965
Union Pacific DS-1038 1000hp 44/965
Union Pacific DS-1261 1600hp 56/87
Union Pacific DS-1361 2000hp 50/156; 56/158
Union Pacific SF4 6000hp 41/975, 985; 44/986 color
Vancouver Wharves Ltd 823 1500 hp 97/466
Virginia Ry V22 97/494
Wabush Lake Ry 902 1800hp 66/980
Warrior River Terminal 50 900?hp 38/931
Western Maryland 141 1000hp 44/953
Western Pacific 901 5400hp 41/991
Western Pacific 903 5400hp 44/985
White Pass & Yukon 101 1200hp 70/896
Winona (Propane) 701 B-B 38/972
Youngstown & Sorthern 211 900 hp 38/930

LOCOMOTIVES - STEAM RAILROADS ELECTRIC
Steam Roads 16/747-ff
Electrification tabular summary of railroads 30/1027 & 1035
Amtrak 100 5000hp 74/S15-74
Amtrak 606 97/588
Amtrak 900 97/582
Amtrak 900 7000hp 80/849-851
Amtrak 901 97/583 AEM-7 model
Amtrak 904 7000hp 84/271
Amtrak X995 97/581
Amtrak X996 97/581
Baltimore & Ohio Electrification 25/854, 30/1009, 38/891; 27/929
Beaumont Sour Lake & Western Electrification 38/892
Black Mesa & Lake Powell 6000 5000hp 74/S15-70&71
Boston & Maine 2503 2-B-B-2 12/757; 16/747; 19/844; 22/924; 25/876P; 27/972; 0/1024P ; 8/902
Boston & Maine Electrification 222/923; 25/856, 881 30/1011 38/892
Boston Revere Beach & Lynn Electrication 38/892
Butte Anaconda & Pacific 45 B-B 16-745P, 785D
Butta Anaconda & Pacific 46 B-B 19/820, 821; 22/934PD; 25/894PD, 899D; 27/984; 30/1036PD, 1057P
Butte Anaconda & Pacific Electrification 25/856, 38/892
Canadian Northern 602 B-B 22/935; 25/890; 27/984
Chesapeake & Ohio Coal dumper loco. #10 41/1051; 44/1047
Chicago Milwaukee & St. Paul 10050 B-B 22/930; 25/885; 27/987; 30/1038PD
Chicago Milwaukee & St. Paul 10203 2-B-B B-B-2 16/932; 19/836, 837; 22/936, 937; 25/886DP, 887D; 2727/988; 30/1040PD; 88/907PD
Chicago Milwaukee & St. Paul 10250 2-B-D-D-B-2 25/884D, 885P; 27/987; 30/1038P, 1042D; 38/908

Chicago Milwaukee & Sy. Paul 10251 2-B-D-D-B-2 22/930, 932
Chicago Milwaukee & St. Paul 10300 4-C-2-2-C-4 19/872
Chicago Milwaukee & St. Paul 10307 4-C-2 2-C-4 19/839D; 22/920D, 923; 25/878D, 879P, 880P, 904P; 27/68D; 30/1018D, 1020P, 1055P 38/908P, 906D
Chicago Milwaukee & St. Paul Electrificiation 22/931; 25/857, 879; 30/1011, 1019; 38/892
Chicago Milwaukee St. Paul & Pacific E1 1 unit 41/936, 937
Chicago Milwaukee St. Paul & Pacific E4 41/937; 44/957
Chicago Milwaukee St. Paul & Pacific E12 44/937, 936; 47/926, 927
Chicago Milwaukee St. Paul & Pacific E26 3 unit 41/935PD; 44/935PD
Chicago Milwaukee St. Paul & Pacific E28 3 unit 47/928PD
Cleveland Union Terminal 1050 4-C-C-4 30/1031P ; 38/897; 41/940; 44/942; 47/924
Cleveland Union Terminal Electrification 38/893
Delaware Lackawanna & Western Electrifcation 38/893
Detroit Toledo & Ironton Electrification 25/854; 1927; 30/1014,
Detroit Toledo & Ironton 501 D-D 27/970; 30/1022
Grand Trunk St. Clair Tunnel Electrification 25/879; 38/893
Grand Trunk 9150 B-B 25/881P; 30/1031; 38/897
Great Northern Electrification 25/855; 30/1011, 1015; 38/893
Great Northern 5005 2-C-2 27/952, 975; 30/1028PD, 1058P; 38/904PD; 47/920
Great Northern 5013 2-C-C-2 30/1031P; 38/897; 41/942; 44/945
Great Northern #? B-DS+D-B 47/917; 50/402
Hoboken Shore RR #3 B-B 06/4671, 4686-88; 12/795; 16/786-787
Illinois Central Electrification 38/893
Illinois Central ? B-B 38/905D; 41/941D; 44/943D
Lehigh Valley side arm pusher 10 B 38/966; 41/1040; 44/1094; 47/1067
Long Island 322 B 20 ton 30/1369
Long Island Electrification 25/858, 869 30/1013; 38/896
New York Central - Detroit Riv.Tun. 7500 B-B 12/761, 790-791
New York Central - Detroit Riv.Tun. 7506 B-B 16/750P, 775D-776 ; 19/822, 834, 835; 22/939D; 25/888D
New York Central - Detroit Riv.Tun 7511 B-B 30/1030
New York Central - Detroit Riv.Tun Electrication 38/894
New York Central 1157 B-B-B-B 16/775D; 19/834D
New York Central 1162 B-B-B-B 16/751P, 765-774D; 19/823; 22/938PD; 25/895, 896-897; 27/977
New York Central 1174 B-B-B-B 30/1033P; 38/909; 41/939; 44/941;
New York Central 1200 B-B-B-B 27/980; 30/1032D, 1033D, 1034P
New York Central 1202 C-C 47/924
New York Central 1251 B-B 27/982; 30/1034; 38/909; 41/930; 44/941;
New York Central 1255 B-B 30/1039
New York Central 3238 B-B-B-B 12/756
New York Central 3247 B-B-B-B 16/775; 19/834D; 25/895D
New York Central 6000 2D-2 06/4585-6
New York Central Electrification 25/855, 889 30/1010 38/893
New York New Haven & Hartford 01 B-B 06/4649
New York New Haven & Hartford 069 2-B-B-2 1912?
New York New Haven & Hartford 072 C-C 12/763
New York New Haven & Hartford 073 C-C 12/766
New York New Haven & Hartford 0110 2-B-B-2 16/749P, 777-782D; 19/865; 25/895D
New York New Haven & Hartford 0112 2-D-2 27/983; 30/1034
New York New Haven & Hartford 0155 2-C-C-2 44/943; 47/926; 50/393
New York New Haven & Hartford 0200 B-B 12/764, 798-99; 16/748P, 783D; 19/864, 865; 22/914PD; 25/872PD; 27974; 30/1026PD; 38/903PD
New York New Haven & Hartford 0217 B-B 27/975; 30/1036
New York New Haven & Hartford 0303 2-C-C-2 22/924;
New York New Haven & Hartford 0316 2-C-2 2-C-2 25/876, 902P; 27/972; 30/1024P; 38/902; 41/942; 44-945; 47/925; 50/394
New York New Haven & Hartford 0351 4-C-C-4 38/908; 41/937; 44/937; 47/925; 50/394
New York New Haven & Hartford 0366 4-C-C-4 38/901; 41/935; 44/934; 47/925; 50/393
New York New Haven & Hartford 370 4000hp 56/420
New York New Haven & Hartford 2002 D.E.-El. 66/1454
New York New Haven & Hartford Electrification 22/915; 25/854, 875, 876 30/1010, 1021 38/894
Norfolk & Western 2512 2-B-B-2 16/783-784D; 19/873; 22/917, 918; 25/863-864, 879, 880P, 27/961. 970; 30/1022P; 38/905; 41/941; 44/943; 47/926
Norfolk & Western Electrification 22/917, 919; 25/856; 30/1012, 1021; 38/895
Norfolk & Western Side arm pusher - C 38/969; 41/1046; 44/1046
Northwestern Pacific 38/895
Pennsylvania L5 3930 2-B-B-2 25/882P; 27/961; 30/1017P
Pennsylvania DD1 3977 4-B B-4 12/762, 768-771; 16/751P, 752763D; 19/850, 851-853; 22/905-908; 25/861-863, 899-902PD ; 27/962, 963; 30/1016D, 1017P, 1056
Pennsylvania P5 4780 4-C-4 38/901, 914; 41/934; 44/934; 47/922; 50/394
Pennsylvania 4400 B-B 66-1055
Pennsylkania 4460 4400hp 74/S15-76
Pennsylvania GG1 4856 4-C-C-4 41/931; 44/931; 47/922
Pennsylvania GG1 4863 4-C-C-4 38/900P, 911; 41/931; 47/923; 50/392
Pennsylvania 4996 B-B-B 6000hp 56/423
Pennsylvania 4991 B-B 5000hp 56/425
Pennsylvania B1 5695 0-C-0 38/901, 911; 41/934; 44/934; 47/922
Pennsylvania #? 2-B-2 47/923
Pennsylvania #? 2-C-C-2 19/862, 863; 22/910-911; 25/860D, 861P, 873P, 899P
Pennsylvania L5 #? 2-D-2 27/963-964; 30/1058
Pennsylvania L5A #? 2-B-B-2 27/961
Pennsylvania Electrification 22/916; 25/858, 871-873; 30/1013; 38/895
Pennsylvania Reading Seashore Lines Electrification 38/896
Reading Electrification 38/896
Saint Clair Tunnel Co: See also Grand Trunk Ry
Saint Clair Tunnel Co 1308 B-B 12/756
Saint Clair Tunnel Co 2658 B-B 22/921
Saint Clair Tunnel Co 9150 B-B 27/975
Southern Pacific 200 B-B 16/744P, 785D 19/842, 846, 874; 221/912, 913; 5/869, 882P ; 27/976; 30/1029P
Southern Pacific Electrification 25/859 30/1014 38/894
Virginian Electrification 25/859ation ; 25/855, 873-, 875; 30/1013, 1015, 1019; 38/896
Virginian 100 2-B-B-2 25/865D; 27/968, 970; 30/1020D, 1022P, 1059; 38/905; 41/941, 943; 47/929
Virginian 126 B-B-B-B 50/388-389
Virginian #? C-C 56/424

LOCOMOTIVES - STEAM RAILROADS - GASOLINE
Baltimore & Ohio RR #? 0-4-0 27/1321
Chesapeake & Ohio10 Car dumper loco. 47/1062
Erie RR 10 0-4-0 19/218
Georgia Coast & Piedmont RR 99 0-4-0 16/189; 19/221
Motley County Ry #? 0-6-0 16/189; 19/221
Muncie & Western RR 2 0-4-0 30/1374
New York Susquehanna & Western 150 B 47/1059
Rio Grande Micolithic & Northern 101 0-4-0 27/1324; 30/1378
Wildwood & Delaware Bay Shore Line RR #? 0-4-0 27/1321
Wildwood RR (NJ) 2 B-B 30/1375

LOCOMOTIVES - STEAM RAILROADS - GASOLINE ELECTRIC
Chicago & North Western #? B-B 30/1077
Chicago Rock Island & Pacific ? 800 hp 38/936D
Lehigh Valley 110 255 hp 30/1080-1081P
Minnesota Northwestern Electric RR #? B-B 16/745

LOCOMOTIVES - ELECTRIC RAILWAYS both Common Carrier and Private Railways Interurban 16/743-747
American Electric Power Co #200 5000hp elecxtric 70/923-926; 74/S15-75
Baltimore & Annapolis Electrification 38/891
British Columbia Electric Ry 973 B-B 16/747; 19/844
Fort Dodge Des Moines & Southern Electrification 38/893
Glendale & Montrose 22 B-B 25/874 ; 27/976; 30/1029P
Guelph Radial Ry #? B-B 12/755
Illinois Terminal Electrification 38/893
International Ry (NY) 3 B-B 19/845
New York Westchester & Boston 01 B-B 12/760; 16/743; 19/842
New York Westchester & Boston Electrification 22/916; 25/871
Northern Ohio Traction & Lt. Co. 1050 B-B 19/819; 22/1042; 25/956; 27/1317
Oakland Antioch & Eaatern 105 2-B-B-2 16/746P, 785D; 19/845, 846
Omaha Lincoln & Beatrice 02 B-B 19/815
Piedmont & Northern 5000 B-B 12/752
Piedmont & Northern 5102 B-B 16/745; 19/820; 22/925
Piedmont & Northern 5602 4-B-B-4 38/910
Portland Grey & Lewiston #? B-B 12/752
Sacramento Northern 1060 B-B 30/1030
San Francisco - Sacramento Ry MU train 22/921
Spokane & Inland Empire M-11 B-B 12/753; 16/743; 19/843
Toledo & Indiana 75 B-B 12/754
Visalia Electric A1 B-B 12/753;
Visalia Electric #? B-B 22/913

LOCOMOTIVES - COMMON CARRIER RAILROADS - STORAGE BATTERY
Twin Branch 4 B-B 30/1371

LOGGING RAILROADS - STEAM
Bloedel Donovan Lbr. Mills 8 2-6-6-2 27/1304
Bloedel Stewart & Welch 19 Shay 41/1036; 44/1039; 47/1045
Brownlee Olds Lbr. Co. 6 2-6-2 25/950
Candler Lbr. 3 2-6-2 38/959
Clement Lbr., W.L. 2 2-4-0 12/165; 16/160
East Oregon Lbr Co 3 2-8-2 19/185
Greenbrier Cheat & Elk RR 12 Shay 22/1039PD; 25/953PD; 27/1308; 30/1360
Gulledge Bros. Lbr. 4 2-6-0 12/167
Hammond Lbr Co. 4 2-6-6-2T 25/951
Hammond Lbr Co 5 2-6-2T 19/180\
Hastings Lbr. Co 4 2-4-2T 06/27 09/13
Helen Lbr. Co 2 2-6-0 19/177
Hobi Timber Co 2 2-6-2T 25/949; 27/1300; 30/1353
Industrial Lumber Co. 101 2-6-2 16/926
International Tbr Co ? 2-8-2 38/959
International Tbr Co. - Inman Poulson Lbr #? 2-8-2 30/1357
Livingston Lbr. Co 100 2-6-0 19/176
Long Bell Lbr. 800 2-8-2T 30/1356; 38/956 41/1029; 44/1035;
Mengel Box Co 3 2-4-2 12/165
Menominee Bay Shore Lbr. Co: See Wabena, Otter Lake & Eastern Ry
Meridian Lumber Co 206 2-8-0 25/121
Monroe Logging Co. 1 2-8-2 25/951
Murphey Lbr. Co 1 0-6-4T 06/18; 09/10
N. B. S. L. (Singer Mfg.Co) 9 0-4-2T 16/155
National Lumber & Manufacturing 3 2-6-2T 25/949 30/1353

Palmer Lbr. Co, Geo. 2845 Shay 19/216, 284, 287 boiler
Potlatch Lbr. Co. 104 Shay 12196; 16/189
Powell River Paper Co 1 2-4-2T 12/165
Red River Lbr. 502 Diesel 30/1068
Sugar Pine Lbr. 5 2-10-2T 30/1356; 38/956; 41/1029; 44/1035
Taupo Totaro Tbr. Co. 7 2-4-4-2 16/180
The Pacific Lumber Co 35 2-8-2 25/127
Tioga Lbr Co. 2 Shay 06/130, 133
Vaccaro Bros. R.R. Co. 1 2-4-0 12/164; 16/159
West Fork Logging Co. 3 2-6-2T 25/949; 27/1301; 30/1353
Weyerahuser Tbr Co. 5 Shay 38/960
Weyerhauser Tbr Co. 9 2-6-6-2T 38/956; 41/1029; 44/1035
Weyerhauser Tbr Co. 111 2-6-6-2T 30/200
Weyerhauser Tbr Co. 200 2-8-8-2 30/1358; 38/958; 41/1035; 44/1039
White River Lbr 3 Heisler 38/961
Whitman Lbr. Co: See Columbia River Belt Line
Wisconsin Alabama Lbr. Co. 4 Heisler 22/1041; 25/954

NON COMMON CARRIER - GASOLINE
Owingsville & Olympia RR 3 0-4-0 16/190

INDUSTRIAL - STEAM LOCOMOTIVES
American Steel & Wire Co - South Wks 20 0-4-0T 38/955; 41/1028; 44/1034; 47/1044
Andrews Steel Co 2 0-4-0T 12/155, 202D; 16/153
Andrews Steel Co; #? 0-4-0T 16/193D
Anglo Newfoundland Dev. Co 12 2-6-2T 41/1063
Ashland Coal & Iron Ry #? 0-8-0 16/196D
Ashland Coal & Iron Ry 13 0-8-0 12/164, 2060
Beluan Coal Co 8 0-4-0T 25/945
Bethlehem Steel Co 1 0-6-0 19/168; 22/99
Bethlehem Steel Co 32 0-4-0T 12/153; 16/231
Bethlehem Steel Co. 60 0-4-0T 38/953; 41/1026; 44/1032
Bibb Brick Co 5 2-6-2T 19/175, 22/1032
Bradley Contracting Co 2 0-4-0T 154
Bradley Bulow Mines, Peter B. & Tobt. S. #? 0-4-2 12/157
Brooklyn Wharf & Storage 2 0-4-0 Dummy 06/7; 09/4
Buchans Mining Co 1 2-4-2 30/1387 38/977
Bunker Hill & Sullivan Mining Co. 3 0-6-0T 25/948; 30/1352; 38/954
Calco Chemical Co 3 0-6-0T 41/1025
Calhoun Brick & Clay Co 2 0-4-0T 12/152
Cambria Steel Co 45 0--8-0 22/115
Canada Starch Co 5 0-4-0T 44/1032
Canadian Gypsum Co 8 0-4-0T 30/1351;38/953
Carnegie Steel Co 11 0-4-0T 30/1351
Carnegie Steel Co 46 0-4-0T 30/1351; 38/953; 41/1026; 44/1032
Carnegie Steel Co 99 0-6-0 44/1053
Chambers Co, J.H. 2 2-6-2 27/1305
Commonwealth Edison Co 2 0-6-0T 12/160; 16/156
Dayton Power & Light Co 3 Shay 38/960; 41/1036; 44/1039
Detroit Iron & Steel Co 3 0-4-0T 12/154
Dick Construction Co 4163 Gear 38/961; 41/1034; 44/1037; 47/1045
E. B. & A. L. Stone Co 60 0-4-0T 12/155; 16/153
Electrometallurigical Co of Canada 6 0-4-0 41/1026; 44/1032; 47/1043
Embtreeville Estate #? 0-4-2T 06/9; 09/5
Farmers Farm Co 4 0-4-0T 12/152
Federal Shipbuilding & Dry Dock Co 8 0-4-0T 41/1022; 44/1029
Fidelity Sugar Co (foreign?) 10 2-8-0 30/1358
Granby Mining & Smelting Co 3 0-4-0T 19/162; 22/1025; 25/945
Harbor Commission of Montreal 303 0-6-0 41/1034; 44/1037
Hardaway Contracting Co 120 0-4-0T 16/152
Hoopers & Townsend "Daws" 0-4-0T 06/6; 09/3
Hoyt Mining Co 78 0-6-0 38/958; 41/1030; 44/1036
Inland Steel Co 31 0-6-0T 30/1351; 38/955; 41/1028; 44/1034; 47/1044
Inspiration Consolidated Copper Co. 3 2-6-2 19/180; 25/949; 27/1301; 30/1353
John Morrell & Co - 0-6-0 41/10030; 44/1036
Jones & Laughlin Stee Co 8 0-4-0T 47/1043
Jones & Laughlin Steel Co 54 0-4-0T 25/945; 27/1299
Jones & Laughlin Steel Co 58 0-4-0T 38/955; 41/1028; 44/1034; 47/1044
Kelley Island Lime & Transit Co 73 Shay 19/219
Lehigh Coal & Navigation Co. 101 0-6-0T 27/1302; 30/1354
Lehigh Navigation Coal Co 52 0-4-0T 50/784
Lehigh Navigation Coal Co 81 0-6-0T 47/1043; 50/784
Lehigh Valley Coal Co 109 0-4-0YT 16/926
Lehigh Valley Coal Co. 129 0-6-0T 38/955; 41/1028; 44/1034; 47/1044; 50/784
Luzerne County (Pa) Gas & El. Co. #1 0-4-0T 41/1039
Lykens Valley Coal Co #? 0-4-0T 06/5; 09/3
Mahoning Ore & Steel Co 206 0-8-0 38/959; 30/1357; 41/1034; 44/1037
Mahoning Ore & Steel Co 210 0-8-0 47/104; 50/508
Mark Manufacturing Co 4 0-4-0T 19/162; 22/1028; 25/945
Medusa Portland Cement Co 7 0-4-0T 41/1025; 44/10030; 47/1043
Mesabi Iron Co 71 0-6-0T 25/950; 41/1027; 44/1033
Michigan Limestone & Chemical Co. 23 0-6-0T 41/1025; 44-1030
Michigan Limestone & Chemical Co. 25 0-6-0 27/1306; 30/1358
Minnesota Steel Co ? 0-8-0 25/222D
Mond Nickel Co 100 2-6-0 27/1305
Mount Pleasant Mining Co #? 0-5-0 06/8; 09/4
National Cash Register Co. #? 0-4-0 16/188, 236
National Limestone Co 1 0-6-0 12/161
National Tube Co: 22 0-4-0T 19/163; 22/1025
Nevada Consolidated Copper Co 500 0-6-2T 19/170; 22/1031
New York Dock Co 9 0-6-0T 12/159
Norfolk Navy Yard: See U. S. Govt.
Oliver Iron Mining Co 700 0-8-0 30/136 38/128; 41/128; 44/1029
Pardee & Co, A. 18 0-4-0 12/156
Philadelphia & Reading Coal & Iron Co 40 0-4-0T 06/2; 09/2
Philadelphia Gas Works 12 0-4-0 38/958; 41/1030; 44/1036
Pittsburgh Hanover Coal Co. 3 0-6-0T 19/164; 22/1029; 25/946
Portland Cement C(O.D.&RR #3 (name unknown)) 0-6-0 19'168
Pressed Steel Car Co. 2 0-4-0T 25/948 30/1352
Punxsutawney Coal Co "Punxy"0-6-0T 06/14; 09/8
Ray Consolidated Copper Co. : See Ray & Gila Valley RR
Shelby Steel Tube Co 101 0-6-0T 19/165; 22/1029
Singer Mfg. Co 9 0-4-2T 16/155
Standard Oil Co. of N.J. 4 0-6-0 16/926
Standard Steel Works 10 0-4-0T 38/954, 957; 41/1027; 44/1033;
Steers Inc, Henry 11 0-4-2T 16/154, 12/157
Smith Co, L. J., contractor 10 0-4-0T 09/4
Tennessee Coal Iron & RR Co 108 0--6-0T 19/?; 22/1030
Toledo Furnace Co. 1 0-6-0T 19/166; 22/1029; 25/948
Tri Sodium Phosphate Co #? 0-4-4 06/10; 09/6
Union Carbide Co. 13 0-6-0 38/954; 41/1027; 44/1033
United Fruit Co (Kingston) 0-4-0T 19/162
United States Army 152 2-8-0 19/927
United States Army 354 2-8-2 47/1073
United States Army 374 2-8-2 44/1073
United States Army 1315 0-6-0T for Gt. Britain 44/1057
United States Army 2626 2-8-0 47/1042
United States Army 4015 0-6-0 47/1041
United States Army 4078 0-6-0 47/1041
United States Army 4117 2-8-2 for India 47/1077
United States Army 5001 2-6-2T 19/921
United States Army 5177 2-8-0 47/1072, 1073
United States Army 6998 2-8-0 47/1042
United States Army 9112 0-6-0 19/922
United States Army V1923 0-6-0T 47/1042
United States Army ? 2--8-0 for France 19/924
United States Army ? 2-8-2 47/1076, 1077
United States Army Ordnance 7 0-6-0 19/922
United States Govt. Norfolk Navy Yd 7 0-4-2T 19/10040; 22/1026; 25/946; 30/1354
United States Govt. Philadelphia Navy Yd 10 0-4-0T 19/1916
United States Govt. Sandy Hook Proving Ground 4 2-4-4 06/28; 09/29
United States Govt. Sandy Hook Proving Ground 5 2-4-0 19/174
United States Metals Refining Co. 1 0-6-0T 25/948; 27/130030/1352
United States Reclamation Service 1 2-6-0 12/168
United States Signal Corps 2 Heisler 22/1041; 25/954
W. R. Grace Co 1 0-4-0T 22/.1025
Weirton Steel Co 102 0-6-0 22/999
Wisconsin Lime & Cement Co. 10 0-6-0T 27/1300; 30/1352; 38/954
Youngstown Sheet & Tube Co 385 0-6-0T 44/1071

INDUSTRIAL - COMPRESSED AIR
Frick Coke Co., H.C. 77 0-4-0 12/198; 27/1307; 0/1359; 38/963; 41/1037; 44/1042; 47/1047
Homestake Mining Co #? 0-4-0 12/198
Lehigh & Wilks Barre Coal Co #? 0-4-0 12/199
Lehigh Valley Coal Co #? 0-4-0 12/199
Lykens Valley Coal Co #? 0--4-0 12/199
United States Navy 1 0-4-0 9/1038; 12/194; 19/918

INDUSTRIAL - DIESEL
American Smelting and Refining Co. 5 0-4-0 41/1052; 44/1056
Armco 142 0-4-0 14 ton 50/202
Bethlehem Steel Co. 25 0-4-0 38/973
Churchill 4572 Vulcan 47/1060
DEM. BX Co 1998 70hp 47/1059
Dickson Gun Plant 1 47/1058
Duke Power Co ? 1100hp 97/471
Hamille Coal Co 1 B 47/1054
Houston Shipbuilding Co 3 190hp 47/1058
Hughes Tool Co 1909 150hp? 44/1058; 47/1058; 50/202
Inland Steel Co 41 0-6-0 38/972
New Jersey Zinc Co ? 4 wheel Plymouth 74/S15-65
Pittsburgh & Midway Coal Co 1 0-4-0 47/1089
Sheffield Steel Co (Tx) 3 150hp? 44/1058; 47/1058; 50/200
Southern Indiana Gas & El. Co ? 113hp 47/1058
Southwestern Portland Cement Co 5 44/1052
United States Navy Yard - N.Y. -15 0-4-0 41/1053

INDUSTRIAL - DIESEL ELECTRIC
Abitibi Power & Paper Co 80 1000hp 50/185; 56/68
Acme Steel Co (butane) 3 B-B 38/973
Alan Wood Steel Co 12 150hp 44/1059
Alcan 26 diesel-el 74/S15-8&9
Alcoa Terminal Co. 3 80 ton 44/993
Aluminum Co. of American - Lafayette Wotrks #1 500hp 44/1049
American Cyanamid Co ? 660hp 47/1049
American Rolling Mill Co 141 150hp? 44/1058
American Rolling Mill Co 747 500 hp 38/939; 41/1009
American Rolling Mill Co 6001 300 hp 30/1069

American Smelting & Refining Co 10 B 114hp 47/1060
American Steel Foundry (Alliance Wks) - 400hp 44/1058
American Viscose Co, Front Royal, Va - 400hp 544/1049
American Steel & Wire Co 11 660hp 47/1049
Anaconda Copper Co - Raritan Wks 3 B 47/1060
Arlington Mills 2 300hp 44/1049
Ash Grove Lime & Portland Cement Co - 80 ton, 470hp 66/1047
Babcock & Wilcox Co - Keystone Plant - 25 ton 130hp 66/1046
Bethlehem Steel Co 53 470hp 56/185
Bethlehem Steel Co 63 300hp 44/1060
Cambria Slag Co 38 235hp 56/184
Carnegie Illinois Steel Co (Clairton Wks) 14 320hp 4 wheel 44/995
Carnegie Steel Co - South Works 65 ton, 3' ga 44/1054
Carnegie Steel Co - Thompson Wks 22 60 ton, 4 wheel 44/995
Chiriquoi Land Co. (Foreign) 6 B-B 30/1366
Columbia Quarry Co (St.Louis) 500 35 ton, 210 hp 66/1046
Commonwealth Edison Co 10 600hp 47/1050
Continental Mill & Steel Fdry Co 1 400hp 44/1059
Detroit Edison Co 217 1000hp 70/867
Dewey Portland Cement Co 10 B-B 44/1054
Donner Hanna Coke Co 1 600hp 47/1050
Eastman Kodak Co 7 - 56/182
Ford Motor Co 1000 1000hp 38/918-919P; 41/1006; 44/1012
General Electric Co - Bridgeport 2 B-B 38/942
Great Lakes Steel Co 6 600Hp 47/1050
Holly Sugar Co ? 150hp 47/1050
Illinois Power Co ? 300hp 47.1051
Inland Steel Co 49 340hp 41/1006; 44/1010
International Nickle Co 208-2 1800 hp 70/896
Kalamazoo Vegatable Parchment Co - 150hp 44/1049
Lone Star Steel Co - 300hp 44/1059
Lukens Steel Co 27 25v ton B 41/10xx
Lukens Steel Co 29 B 30 tons 47/1061; 50/200
Merrell Co - 4o ton B-B 41/1031
Milwaukee Coke & Gas Co 104 B-B 38/942; 41/147
Monarch - 45 ton 41/4047
Oliver Iron Mining Co 915 1000hp 47/1049
Pacific Lbr. Co 102 940 hp 56/185
Phelps Dodge Co 1 1000hp 47/1050
Pittsburgh Steel Co 11 50/194
Richmond Marine Terminal Co 2 B-B 41/1052
Sheffield Steel Co 1 380hp 47/1058; 50/202
Solvay Process Co 4 1000hp 47/1048
South Carolina State Port Authority 103 300hp 56/182
Southeastern Shipbuilding Co - 300hp, 44/1058
Studebaker Co 2 660hp 47/1048
Texas Gulf Sulphur 052 1000 hp 70/897
Todd Shipbuilding Co (Cal.) 51 150hp B 41/1047
Toledo Edison Co ? 470hp 56/182
United States Ar,my - Picatinny Arsenal 1 B 41/1050; 44/1056
United States Army - Raritan Arsenal - B-B 41/1050
United States Army - Rock Island Arsenal 0-4-0 25 ton 41/1022; 44/1029
United States Army 7022 400hp 44/995
United States Army 7069 400hp 44/1008
United States Army 8008 1000hp 44/954
United States Govt. Defense Plant Co 150hp? 44/158
United States Kingsbury Ordniance Plant A1 400hp 41/1022
United States Naval Ammunition- Hawaii 2 35 ton 41/1022; 44/1029
United States Naval Ordnance Plant 6 650hp 44/994
United States Navy Yd - N.Y. 15 150hp? 44/10060; 50/200
United States Navy Yd - N.Y. 16 B-B 41/1051; 44/1047; 47/1062
United States Navy Yd - Puget Sound, Wa. 9 380hp 44/1009
Washburn Wire Co 5 150hp 56/185
Yankeetiown Dock Co 1 1200hp 56/150

INDUSTRIAL - ELECTRIC
American Dock & Trust Co 1 0-4-0 06/4670
American Steel & Wire Co Transfer car 41/1038
American Zinc & Chem. Co. 102 0-4-0 16/742; 19/846
Anaconda Copper Mining Co. - B (25 ton) 30/1369
Brittania Mining & Smelting Co. - B-B 22/1042; 25/956; 27/1317
Carnegie Steel Co - Thompson Wks - B 27/1312; 30/1368
Carnegie Steel Co - Thompson Wks #2 B 27/1345
Carnegie Steel Co - Thompson Wks E4 B-B 30/1369
Citizens Gas Co - Lansdale Plant 1 20 ton 30/1368
Climax Molybedenum Co 11 B 47/1063
Climax Molybedenum Co 25 B 41/1046; 44/1046
Columbia Steel Co - mine 27/1312; 38/969
Commonwealth Electric Co 4 B 12/758-759
Consumers Mining Co - mine 38/969
Dominion Phosphate Co 1 0-4-0 06/4669
Ford Motor Co - B 38/971; 41/1044; 44/1048; 47/1065
General Electric Co. 2 B-B 25/956
General Electric Co. ? B-B 25/957
Glen Alden Coal Co - B mine 41/1038; 44/1043
Hanna Ore Mining Co 304 B-B 30/1373; 38/968; 41/1042
Harlan & Hollingsworth Co 2 B-B 16/744
International Nickel Co - B-B 38/966; 41/1040, 1045; 44/1044
Jones & Laughlin Steel Co - B 38/971; 41/1044; 44/1048
Kennecott Copper Co 101 B-B 50/426
Lackawanna Steel Co. 52 B 22/1044; 25/958
Lehigh & Wilkes Barre Coal Co mine 27/1315; 30/1364
Lehigh Valley Coal Co. - mine 27/1315; 30/1364; 38/965; 41/1032
Liberty Lime & Stone Co - B 25/957
Liberty Lime & Stone Co - B (15 tons)- 22/1043; 30/1372
Liberty Lime & Stone Co - mine, 4 ton 30/1363
Pennsylvania Steel Co 3 0-4-0 06/4672
Phelps Dodge Co 13 B-B 47/921
Philadelphia & Reading Coal & Iron Co. mine 27/1315; 30/1364
Pine Hill Coal Co (with larry car) 30/1364; 41/1038; 44/1043
Sherman Coal Co - B mine 41/1038
United States Naval Magazine Co. - B 25/958
United States Navy Yard - Philadelphia 2 B-B 41/1032
Utah Copper Co 703 B-B 30/1373
Utah Copper Co 750 B-B 38/970; 41/1043; 44/1045
Weirton Coal Co - Isabella Mine 1 B-B 480hp 47/1067
Whiten Machine Co. 5 B-B 38/971; 41/1044; 44/1048; 47/1065

INDUSTRIAL - FIRELESS
Drawing cut away of 0-6-0 47/1046 ; 50/783
American Smelting & Refining Co - 0-4-0 44/1041
Bethlehem Steel Co 112 0-4-0 44/1040
Cleveland Electric Illuminating Co 6 0-6-0 38/963; 41/1037; 44/1042
Eastman Kodak Co 2 0-6-0 25/952
Eastman Kodak Co 4 0-6-0 41/1032; 44/1040
Firestone Tire & Rubber Co 2 0-6-0 41/1032; 44/1040; 47/1046; 50/782
Gleason Works 1 0-4-0 19/215
Gulf Coast & Santa Fe RR 2299 0-6-0 27/1307; 30/1359; 38/963; 41/1037; 44/1042; 47/1047
Koppers United Co 1 0-4-0 44/1040; 47/1046; 50/783
Mead Corp 3 0-4-0 38/963; 41/1037; 44/1042; 47/1047
N. A. R. C. 1 0-6-0 44/1040; 47/1047
National Cash Register Co - 0-4-0 12/195, 247
Public Service Electric Co. (NJ) - 0-6-0 25/952
Ruggles and Rademaker Salt Co. 1 0-6-0 25/952; 27/1307; 30/1359
Union Gas & Electric Co. 1 0-4-0 25/952; 27/1307
United States Army Picatinny Arsenal - 0-4-0 41/1032; 44/1040
Virginia Electric & Power Co - 0-4-0 44/1041
Weirton Steel Co 83 0-4-0 30/1359

INDUSTRIAL - GASOLINE
Gasoline 16/189-190
Bethlehem Steel Co 3973 0-4-0 41/1039
Canada Cement Co - 0-4-0 27/1324; 30/1378
Canal Construction Co. 1 0-4-0 30/1378
Columbia Mills 3 B 41/1052
Crossley Co, Geo. C. #? 0-4-0 19/219
Delmont Gas Coal Co 2 mine 27/1324; 30/1378
E. I. DuPont #? 0-4-0 19/217
Hawley & Fridner, Contractor 1 0-4-0 16/190; 19/217
Jenkin Bros. 3 B 44/1058
Line Air Products Co - B 44/1055
Manati Sugar Co P2 0-4-0 16/927
Missouri Portland Cement Co - 0-6-0 41/1031; 44/1057
Missouri Portland Cement Co 7 0-4-0 27/1324; 30/1378
Nazareth Cement Co. 3 0-4-0 30/1378
Pittsburg & Midway Coal Mining Co 1 0-4-0 38/974
Pittsburgh Limestone Co #? 0-4-0 19/219
Redstone Coal & Coke Co 1 0-4-0 27/1324
Robinson Clay Products Co 11 0-4-0 30/1380
United States Govt 4001 0-4-0 19/919; 22/1049; 25/961; 27/1323
United States Govt 7001 0-4-0 19/919; 22/1049; 25/961. 27/1323
United States Govt. Savannah Ordnance Depot 3 0-4-0 38/974
United States Naval Ordnance 4 0-4-0 44/1055
United States Naval Ordnance 21 B 41/1031; 44/1057
Universal Eng'g Co. 1 0-4-0 25/964

INDUSTRIAL - GASOLINE ELECTRIC
Gasoline Power Co 20 0-4-0 30/1376
Northern Illinois Coal Co 12 B-B 30/1376
Northern Illinois Coal Co 13 B-B 30/1377
Timken Roller Bearing Co. #? 0-4-0 30/1377
United States Army Aberdeen Proving Ground 2 B-B 38/974
United States Army Picatinny Arsenal 1 B\ 41/1050; 44/1056
United States Naval Ammunition Dept. - 300hp 41/1050

INDUSTRIAL - QUENCHING
See also locomotive builders
- Coke Quenching - B 25/957; 27/1313
By Products Coke Co - B 30/1363
- 20 ton and 25 ton B 22/1043; 30/1372
Great Lakes Steel Co - B 38/967

INDUSTRIAL - STORAGE BATTERY
See also locomotive builders
Alden Coal Co 6 ton 6 mine 27/1315; 30/1365; 38/964; 41/1038; 44/1043; 47/1060
American Loco. Co - B 3 ton 47/1064
Bethlehem Mines - Marion Div mine 30/1320
Bethlehem Steel Co - Ship Bldg. 1 B 19/843
C. A. B. L. (A.Y.FWiesel) - mine 41/1046
Carnegie Steel Co - B 30/1363; 41/1051

Erie Forge & Steel Co. - B 22/1044; 25/958; 27/1319; 30/1366
General Electric Co. 2 B-B 22/1042, 1043; 25/956
Genii Mining Co. (1.5 tons) 7-11 B 30/1372
Hudson Coal Co (Larry Col.) mine 44/1043; 47/1060
Illinois Steel Co - B 38/966; 44/1044
Indian Valley Mining Co - midget 38/970; 41/1043; 44/1045
Lackawanna Steel Co. 52 B 27/1319; 30/1366
Lehigh Coal & Nav. Co - mine (2 ton) 30/1364 38/964
Lehigh Coal & Nav. Co. 223 mine 41/1038; 44/1043
New Orleans Public Service Co 1 B 30/1363; 41/1045
Newport News Shipbuilding & Dry Dock Co. B-B 22/1043; 25/957
Owen Oregon Lbr. Co. - 27/1314; 30/1367
Phelps Dodge & Co 17 B-B 41/1045; 47/1090
Polaris Taku Mining Co (Brit. Col) 4 B 47/1064
Raleigh Wyoming Mining Co. - B 38/967
Sherman Coal Co - mine 38/964; 44/1043
State Line Generating Co 2 B-B 30/1372
Super Power Co. of Illinois - B-B 38/968; 41/1042
Texas Power & Light Co 2 B-B 41/1045; 44/1046; 47/1064; 50/407
Twin Seams Mining Co - B 22/1047
United States Naval Magazine - B 22/1044; 27/131930/1368
United States Navy - Ft. Mifflin 1 B 27/1316; 30/1363
Utah Fuel Co 1 mine 27/1312;
West Rand Consoildated Mines - B 47/1062

LOCOMOTIVE BUILDERS

American Loco. Co #50,000 4-6-2 12/182, 227, 264; 16/174, 218, 251, 918-921; 19/197, 256, 297; 22/184, 185 25/165P, 176D
American Loco. Co diesels 30/1072-1073; 660 & 1000 switchers and road switrchers & 2000 hp pass. 1944; 1947 - 1000, 1500 RS & road, 2000 hp 47/1062-1063; !950/90-109 & 407-409; 21956/42-43. 51-91,
Model 415 1500hp 66/961; 70/881
Model 420 2000hp 66/962-963; 66/1031; 70/882-883, 904; 74/S15-118
Model 424 2400hp, 2600hp 66/964-969; 70/893, 905, 884-885
Model 425 2600hp, 3000hp 66/1032; 70/884-885; 74/S15-119
Model 428 2750hp 66/1033
Model 430 3000hp 66/978; 70/887
Model 628 2750hp 66/970-971
Model 630 3000hp 66/976-977; 70/888-889, 893
Model 855A 5500 hp 66/972-973
Model B11 950hp 66/1023; 70/894; 74/S15-110
Model B14 1200hp 66/1024; 70/895; 74/S15-111
Model C11 9650hp 66/1025; 70/898; 74/S15-112
Model C14 1200hp 66/1023-1026; 70/899; 74/S15-113
Model C20 1800hp 66/1027; 70/900; 74/S15-114
Model C22 2000hp 66/1029; 70/902; 74/S15-116
Model C22 2000hp double ender cab 66/1028; 70/901; 74/S15-115
Model C26 2400hp 66/1030; 70/903; 74/S15-117
Model DL630M 3000hp 70/891-893
Model DL636M 3600hp 70/891-893
Model DL640M 4000hp 70/892
Model DL7188 1800hp 70/893
American Loco. Co. export diesels 56/199-202
Atlas Car & Mfg. Co. (storage battery mining) 22/1044; 25/960; 27/1314; 30/1367; 1950/432-434
Baldwin Lima Hamilton Co Diesel 56/82-92; "X ployer" low slung train 56/173-177
Baldwin Loco. Works #60,000 4-10-2 27/225; 30/263P, 291D
Baldwin Loco. Works 16/922-926
Baldwin Loco. Works Diesel 27/1017PD; 660 & 1000 Hp & 30 ton mecahnical 1944; 1947 - 660 & 1000hp, 1500hp R.S., 2000hp transfer, 2000hp double ender, 2000hp road, 3000hp centipede; 1950/110-125; 1956/44-82
Baldwin Loco. Works Fireless 19/1047
Baldwin Loco. Works gasoline 19/104; 27/1323
Baldwin Loco. Works Steam car 27/1024
Boise Loco. Wks (Rebuilder) 97/449-453, 479
Bombadier:
HRC 3300hp 84/534
HR 412 2500hp 84/535
HR618 3600hp 80/754
LRC 3725hp 84/536
M420 2000 hp 80/755
M640 4000hp 80/756-757
MX624 2600hp 80/814 export
Caterpiller Co diesel engine 1944; 1947
Cooper Bessemer Co diesel; engine 1944; 1947
Davenport Loco. Wks Geared H. A. R.R. #16 0-6-0 22/1000; diesels 1941; 360 hp diesel 1944; 1947; 1950/197-199;
Electric Car & Loco. Co D.E. #37 B-B 19/880
Electro-Motive Div: See General Motors Co.
Fairbanks Morse Co 1000 hp switcher 1944; 1946 1000hp & 1500hp & 2000hp road-switchers ; 1950/156-183; 1956/45, 134-158; "Speed Merchant" slow slung train 56/179, 148-149
Fate Root Heath (Plymouth gasoline) 25/963; 27/1320; 30/1374; Diesels 1944
GEC Alsthom AMF Transport, Inc (Loco. rebuilder) 97/466-469
General Electric Co 16/932, 963; Description of Erie, Pa loco. wks 97/438-448
Genesis series 97/490-492
General Electric Co Gas el. loco. E-1 19/880
General Electric Co: Industrial electric loco. 166742; 19/819; 27/1316, 17, 19; 30/1366
25 ton, 150 hp 66/1046 70/920 74/S15-60?
35 ton, 210 hp 66/1046 70/920 74/S15-60?
45 ton, 260 hp 66/1047 70/921 74/S15-60?
Model SL80 80 ton, 470 hp 66/1047; 70/921; 74/S15-60?; 80/806; 84/554
Model SL110 110 ton, 600, 670hp 70/92922?;74/S15-60; 80/806; 84/554
Model SL144 800 or 1100 hp 80/806; 84/554
General Electric Co: Electric locos.
E25B 2110hp 80/854; 84/615
E42C 3750hp 80/853; 84/616
E-50 5000hp 70/823-926; 74/S15-70 70 76
E60C 5230hp 80/852; 84/617
General Electric Co Diesels 1941; 380, 400, 500 & 1500 hp 1944; 1947 44 & 70 ton; 1950/188-196; 1956/48-49, 182-198;
AC4400CW 4400hp 97/460-461
AC6000CW 6000hp 97/458-459
Dash 8 series 84/538; 4000hp 97/465
Dash 9-40CW 4400hp 97/462-463
Dash 9-44CW 4400hp 97/462-463
Model B18-7 1800 hp 80/799
Model B23-7 2250 hp 80/794-795; 84/548-549
Model B23-8 2300hp 84/538
Model B30-7 3000 hp 80/790-791
Model B30-7A 3000hp 84/546-547
Model B32-8 3150hp 84/538
Model B36-7 3600 hp 80/786-787; 84/52-543
Model B39-8 3900hp 84/538
Model BQ 23-7 2250 hp 80/796-797
Model C23-2 2250 hp 80/798
Model C28-7 2750 hp 80/792-793
Model C30-7 3000 hp 80/788-789; 84/544-545
Model C30-7A 7000hp 84/544-545
Model C32-8 3150hp 84/538
Model C36-7 3600 hp 870/784-785; 84/540-541
Model C39-8 3900hp 84/538, 539
Model U10B 900hp 55/552
Model U18B 1800 hp 74/S15-42&43
Model U18C 1950hp 84/552
Model U18BT 1800 hp 74/S15-44
Model U20C 2150hp 84/551
Model U22C 2300hp 84/551
Model U23B 2250 hp 74/S15-46&47
Model U23C 2250 hp 74/S15-48&49
Model U25B 2500 hp 66/982-983
Model U25C 2500 hp 66/992-993
Model U26C 2750hp 84/550
Model U28B 2800 hp 66/994
Model U28C 2800 hp 66/995
Model U30B 3000 hp 74/S15-50&51
Model U30C 3000 hp 74/S15-52&53; 3250hp 84/550
Model U33B 3300 hp 74/S15-54&55
Model U33C 3300 hp 74/S15-56&57
Model U36B 3600 hp 74/S15-58
Model U36C 3600 hp 74/S15-59
Model U50 5000 hp 66/984
Model U56 5600 hp 66/991
Model UD18B 1980 hp 56/186-187
Model UM22C 2300hp 84/551
Model 50 ton 325hp 84/556
General Electric Co Export Models
Model U6B 650hp 66/1034
Model U10B 950hp, 900hp 66/1035; 70/906;74/S15-100; 80/821
Model U13B 1300hp 66/1036
Model U13C 1300hp 66/1037
Model U15C 1650hp 80/822
Model U17C 1700hp 74/S15-99
Model U18B 1800hp 70/908
Model U18C 1800hp 70/909; 74/S15-101
Model U20C 2000hp 66/1038; 74/S15-99
Model U26C 2600hp 66/1039; 70/907; 74/S15-132 & 133; 80/823
Model 33C80 3500hp 80/820
General Motors Electric Locomotives: AEM-7 700hp 80/849-851
General Motors Co: "Aerotrain" 56/172-173, 172-173; Export locos. 1956/206-208 38/921-927; 600 & 1999 hp, 2000 hp transfer, 2000 hp pass. & 21350 hp frt 1944; 1947 600hp, F3, E7,; 1950/126-145; 1956/ E9, F9, GP9 46-47. 93-133
Model 45 3600 hp 66/1019
Model DD40A 6000 hp 66/1020
Model F-40C 3200 hp 74/S15/32&33; 80/7/12-713
Model F40PH 3000 hp 80/774-775
Model F40PH-2 3500hp 84/570-571
Model GP9RM 1800hp 97/467
Model GP28 1800 hp 66/998-999
Model GP35 2500 hp 66/1000-1001
Model GP38 2000 hp 66/1008
Model GP38-2 2000hp 74/S15-18&19 &38&39; 80/760-761, 780-781; 84/558-559
Model GP38-3 1800hp 97/468
Model GP38N 1800hp 97/466
Model GP39-2 2300hp 84/560-561
Model GP40 3000 hp 66/1016
Model GP40-2 3000 hp 74/S15-22&23; 80/762-763; 97/469
Model GP49 2800hp 84/562-563
Model GP50 3500hp 80/764-765; 84/564-565
Model GT46MAC 4200hp 97/456
Model MP15AC 1500 hp 74/S15-36&37; 84/572-573

Model MP15DC 1500hp 84/574-575
Model SD35 & SDP35 2500 hp 66/1002-1003
Model SD38 2000 hp 66/1015
Model SD38-2 3000 hp 74/S15/24&25; 80/766-767
Model SD40 3000 hp 66/1017
Model SD40-2 3000 hp 74/S15-24&25 & 74/S15-40, 80/769-769,782;84/566-567
Model SD40-3 3000hp 97/469
Model SD42-T2 3600 hp 74/S15-28&29
Model SD45-2 3600 hp 74/S15-28&29; 80/770-771
Model SD50 3500hp 85/568-569
Model SD70MAC 400hp 97/455
Model SD80MAC 5000hp 97/455
Model SD90MAC 4300hp 97/454
Model SDP 40 3000 hp 66/1018
Model SDP40F 3000 hp 74/S15-30&31
Model SW 1000-1 1000 hp 66/1006; 74/S15-34; 80/778-779; 84/576
Model SW 1200 1200 hp 66/1004-1005
Model SW 1500 1500 hp 66/1007; 74/S15-35; 80/776-777
Model SW 1504 1500 hp 74/S15-36&37
General Motors Co Export Models
Model DDM-45 3600 hp 70/915; 74/S15-109
Model G12 1310 hp 66/1042
Model G16 1800 hp 66/1044
Model G18 1000 hp 70/910; 74/S15-104; 80/815; 84/578
Model G22 1500 hp 70/911; 74/S15-105; 80/816; 84/579
Model G22C 1500 hp 70/912; 74/S15-106; 80/817-818; 84/580
Model G26C 2000 hp 70/914; 74/S15-108; 80/819; 84/582-583
Model GA8 800 hp 66/1040
Model GL8 875 hp 66/1041
Model GP15-1 1500hp 84/584-585
Model GP15T 1500hp 84/586-587
Model GR12 1310 hp 66/1043
Model GT16 2400 hp 66/1045; 74/S15-107
Model GT22C 2250 hp 70/913
Model GT22LC-2 2250hp 84/588-589
Model GT26CW-2 3000hp 84/590-591
Industrial Equipment Co (gasoline) (Minister) 22/1047; 25/960; 27/1323
Ingersoll Rand Co (Oil-Electric - Diesels) 25/963; 27/1013-16; 30/1067-1069
Jeffrey Mfg. Co. (mining locos) 25/959 30/1365;
Jeffrey Mfg. Co. Quenching 19/818; 22/1045; 27/1318
Le Tourneau-Westinghouse Swirchmoobile 1956/180-187
Lima Hamilton Co: 1950/146-155
Lima Loco. Works 16/928 Super power 30/164-165;
Mack Trucks gas electric loco 30/1080-81
Mancha Storage Battery Loco. Co 22/1046
Maschininenbau Kiel Attien Co Diesel hydraulic 56/169-171
Mid-West Loco. Wis (gasoline industrial) 25/963; 30/1380
Milwaukee Loco. Mf'g Co (gaseoline industrial) 19/220; 22/1048; 25/962; 27/1322; 27/1322; 30/1380
Montreal Loco. Wks (G.E.) 1950/184-187; 1956/50, 159-168 & 209. See also American Loco. Co
DL536 1500hp 80/812 export
M430R 74/S15-5
M420 74/S15-6&7
M420TR 74/S15-8&9
M630 3600hp 74/S15-12&13
M636 3600hp 74/S15-14&15
M640 4000hp 74/S15-16&17
MX636 3900hp 80/813 export
Montreal - Worthington: See American Loco. Co.
Morrirson Knudson: Model TE50-4S 1500 hp 80/800, 804-805; 84/592-593
Model TE70-4S 2800hp 80/802-803
Peoria Loco. Wks (Rebuilder) 97/470-472
Plymouth Locomotive Works: Mining and industrial locos 66/1048-1049; 70/; 70/916-919

Series D, F, J, M, W, CRB 74/S15-65 to 68;
Series D, F, J, M, W, CRB, DMD, FMD, HMD, MMD, TMDR 80/806
Porter Co Diesels 80 ton 500 hp, 650 hp 100 ton; 65 ton 400 hp & n.g. industrials; 1947
Saint Louis Car Co diesel locos. 30/1075; Diesels 1941; 1800 hp transfer 1944; 1947
Universal Eng'g Co Gas #1 0-4-0 27/1021
Vulcan Loco. Wks #3503 2-6-2T 27/1324; Diesels 1941; n.g. 44 ton, 325 hp to 80 tons, 520 hp 1944; Duplex 41/1034, 44/4037, 47/1045; 1950/200-205
Whitcomb Diesels 1941; 650 hp 80 ton, 44 ton 380 hp. 1944

LOCOMOTIVE TYPES - STEAM

Rod 0-4-0 1922 - 1938
0-6-0 1906- 1938
0-8-0 1912-1938
0-8-0 Three cyl. 1925
0-10-0 1912-1947
0-10-2 1938-1947
2-4-0 1912-1925
2-4-2 1906-1938
2-6-0 1906-1938
2-6-2 1906-1941
2-8-0 1906-1941
2-8-2 1912-1950
2-8-2 three cyl. 1925
2-8-4 1927-1950
2-10-0 1912-1944
2-10-2 1912-1941
2-10-4 1927-1950
4-4-0 1906-1941
4-4-2 1906-1941
4-4-4 1916-1947
4-6-0 1906-1941
4-6-2 1906-1950
4-6-2 Three cyl. 1925 - 1930
4-6-4 1930-19500
4-8-0 1912-1938
4-8-2 1912-1950
4-8-2 Three cyl. 1925 - 1941
4-8-4 1930-1950
4-10-2 1927-1947
4-12-2 1930-1941
0-4-4-0 1925
0-6-6-0 1912-1925
0-8-8-0 19121925
2-4-4-2 1912, 1916
2-6-6-2 1912-1938, 1950; Cab in Front 1912
2-6-6-4 1938-1950
2-6-6-6 1941-1950
2-6-8-0 1912-1916
2-8-8-0 1912-1930
2-8-8-2 1912-1947; Cab in front 1912
2-8-8-4 1930-1950
2-10-10-2 1912-1930
2-8-8-8-2 1916-1930
2-8-8-8-4 1919
4-4-4-4 1938-1947
4-4-6-4 1947-1950
4-6-6-4 1938-1950
4-8-8-2 1930-1950
4-8-8-4 1941-1950
Camelback 0-8-0 1906, 1912
2-4-2 1906
2-8-0 1912
4-4-0 1916
4-4-2 1906- 1919
4-6-0 2906-1930
Compressed air 1919-1944
Double ender 2-4-2 1912
2-4-4 1906 - 1938
2-6-4 1912 - 1938
2-6-6 1919 - 1930
2-8-4 1906
4-6-4 1912 - 1944
4-6-6 1938-1947
Dummy 0--4-0 1909-1916
Fireless 0-4-0 1916-1944
0-6-0 1941
Forney 0-4-4 1906 - 1916
0-6-4 25/918
Geared: Shay 1916-1947
Vulcan 1938/961, 1944, 1947
Heisler 1922-1938
High Pressure: see also Delaware & Hudson RR #1400s, 350-500psi
London & North Eastern, 450psi #10000 4-6-4 30/1413
German State Rys 1400psi H02 1000 4-6-2 30/1413
German State Rys 854psi 1201? 4-6-0 30/1415. 1416PD
Inspection 4-4-0 1906-1912
2-4-6 1906
4-4-2 1916-1922
Rack (Cog) 16/188P, 235D; 27/1310; 30/1362
Tank 0-4-0 1906 - 1938
0-4-2 1906 - 1938
0-4-4 1906 - 1916
0-6-0 1906 - 1938
0-6-2 1912 - 1930
0-6-4 1925
0-8-0 1906 - 1938
0-8-2 1930 - 1938
2-4-2 1916 - 1938
2-6-2 1906-1938
2-6-4 1930
2-8-2 1925 - 1938
2-10-2 1930 - 1938
4-8-2 1930 - 1938
0-6-6-0 1925
2-6-6-2 1925 - 1938
2-8-8-2 1938
Turbine:
Argentine State Rys Turbine 30/1420, 1421D
German State Rys (Krupp Zoelly) #? 4-6-2 25/967, 27/1352; 30/1422
German State Rys (Maffei) T18 1002 4-6-2 27/1353-55; 30/1422P, 1423D
Great Britain (Beyer Peacock tLjungstrom) Turbine 30/1422
Great Britain: Ramsay Turbo-Electric Condensing 2-6 6-2 25/966DP; 27/135
Great Britain: Reid MacLeod Geared Turbine Condensing 4-4 4-4 25/966; 27/1353
Sweden: Swedish State Rys Ljungstrom turbine condensin 25/965D P; 27/1351PD
Swedish State Rys Turbine 30/1419PD

Switzerland: Zoelly Turbine Condensing - 4-6-0 25/967P, 968D; 27/1352, 1356
United States - Pa. RR and C&O RR 1947
UnitedStates-Union Pacific RR #51-65 56/436-441
United States-Norfolk & Western coal burning 1956/442-444
Vertical boiler 0-4-0 25/942

LOCOMOTIVE COMPONENTS:
Note: Dates are approximate. May have appeared in and earlier or later edition.
Air Pumps & Brakes:
Westinghouse 1912 on
New York 1912 on
Automatic Train Control:25/821 - 1941
General Ry. Signal Co. 27/945-947
Miller 27/948
National Safety Appliance27/9949
Spruye 27/950
U. S. Switch & Signal 27/951
Bearings, Roller:
American Steel Fdry 30/772-773 38/713
Hyatt 30/771 38/708-709 - 1956
S K F 30/778-781; 38/704-707; 1941
Timken #1111 4-8-4 30/777, 38/236D ; 38/322; 1941 -56
Boilers
High Pressure - see Fireboxes, water tube
McClellan boiler 30/295-296PD
Boosters:
Bethlehem Steel Co 1922 1941?
Franklin Ry. Supply Co 1922 1947
Street Co 22/476; 25/551
Compound Locos:
Baldwin 1906 - 12?
Cross 1906 -12?
Tandem 1906 - 12?
Feedwater Heaters
Coffin, J.S., Co 30/384-385 - 1947/363-364
Hancock 1947/365
Locomotive Feed Water Co 19/627
Sellers 30/394-395
Superheater Co. Elesco 1922 1947/357-362
Worthington 1922 1947/366-369
Fireboxes:
arches 25/236-238, 30/314-315
Jacob Shupert Sectional firebox 16/256-257PD, 931D - 1925
Reigel Water tube firebox 16/237, 243, 257
Wood (Wm.H.) flexible firebox 16//258
Water tubed: 16/237, 243, 257, 30/263266P, 292-296D 30/263-265 38/174187, 2054, 278,297, 162; 1947
syphons and circulators - see below
Headlights
Oil 16/636-636
Acetylene 16/638639
Electric - Pyle National 16/640-642 - 1944
" - General Electric 25/424-425
" - Schroeder 16/943
" - Sunbeam 25/428-429 - 1941
" -Electric Service Supply 25/430
Injectors
Chicago 12/54816/558-559 See Ohio
Davenport 16/561
Edna 16/559--560 - 1941
Elesco 25/300-1938
Hancock 16/549553 - 1947
Nathan 12/550 -1947
Ohio 25/298 -1938
Sellers 16/556-557, - 1947
Lubricators
Detroit 12/546-547 - 1947
Edna 16/542 - 1941
King 1941
Magnus 1947
Michigan 12/545 16/536
Nathan 16/541, 957 - 1947
Ohio Injector Co: Chicago 16/540-1941
Pulverized Fuel: 1922/?, 1925; 1925; 1927/399
Stokers:
Berkley Machine Works 1938?, 1947
Crawford Underfeed Stoker 12/345-347 - 1922
Elvin Mechanical Stoker Co 19/398 - 1925
Hanna Loco. Stoker Co. 12/348 - 1947
Locomotive Stoker Co. 16/332-234 - 1927
N. E. Gee Stoker 16/340
Standard Stoker Co. 16/335-336 -- 1947
Street 12/341-343
Superheaters:
Foster Superheater, Power Specialty Co. 16/318-319
J.S. Coffin Co 1938 - 1947
Loco. Superheater Co. 16/314-317, 936-938
The Superheater Co - Elesco 22/303 -308 - 1947
Dodge Steel Co 38/353
Syphons & Circulators
American Arch Co 1947/290
Downflow Syphon Co 1941
Locomotive Firebox Co 1947/291-295
Martin circulator 30/312-313PD3 38/303
Nicholson syphons 25/232-234, 237 - 1941
Security circulator 38/306-307; 1947/286-289
Tenders - not indexed except:
Vanderbilt 16/657-658D 25/710
Semi-circular oil & water 25/709
Valve Gears
Baker 12416 - 1947
Caprotti poppet gear 30/621 38/581
Franklin poppet 1941-1947
Gooch 1906 - 192512/415; 16/408 25/502
Lentz poppet 30/620 38/582
Pilloid 12/417
Southern 16/407 - 1947
Stephenson 12/ 407-409 - 1930
Walschaert 1906 - 1947
Young 16/409, 943- 1938

RAIL CARS AND TRAIN SETS
Electric:
Amtrak Northeast Corridor 150mph train 97/624-627
New York Westchester & Boston 109 M.U. 12/808
Pennsylvania 1989 Subway 12/809
Southern Pacific 312 M.U. 12/808
Gasoline:
Chicago & North Western Converted coach #2680 27/1024
Chicago Burlington & Quincy 502 27/1030
Cleveland Cinc. Chicago & St. Louis 2 car 27/1031
Morgans Louisiana & Texas 1002 16/794P
Norfolk & Southern RR #? McKean 12/807
Pacific Great Eastern 103 16/793P
Union Pacific M23 19/881
Gas Electric:
J. G. Brill Co: Gas electric car M75 27/1027
Atchison Topeka & Santa Fe M-105 16/794P; 19/887
Boston & Maine 195 30/1083
Chicago Great Western M-300 27/1028PD30/1083
Delaware & Hudson 2000 12/809
Detroit Toledo & Ironton 36 27/1025; 30/1084
Great Northern 2323 30/1083
Lehigh Valley 31 30/1087
Lehigh Valley 33 27/1026
Minneapolis & St. Louis New Ulm 30-1085
Minneapolis St. Paul Rochester & Dubuque Electric Traction Co. 10 12/809; 16/795
Missouri Oklahoma & Gulf 100 16/793
Nashville Chattanooga & St. Louis 699 19/881
New York New Haven & Hartford #? 30/1087
Pennsylvania 4637 30/1088
Reading 80 27/1027PD
Richmond Fredericksburg & Potomac M-1 30/1085
St. Louis San Francisco 2100 12/809; 16/795; 19/882
Seaboard Air Line 2002 30/1082
Southern Pacific 2 30/1085
Union Pacific M-40 30/1085
Diesel Mechanical
New York New Hven & Hartford "Flying Cloud" Budd train 1956/178
Oil (Diesel) Electric:
Amtrak Talgo train for Washington State Dept. of Tranbs. 97/634
Amtrak Turbo train RTK #150 97/635-637
Boston & Maine 1140 38/946
Boston & Maine 1141 38/946
Canadian National 15817 27/1022PD; 30/1090PD
Canadian National 15819 27/1023; 30/1089P
Pennsylvania 4663 30/1088PD
Steam: (See also Car Bldrs Cyclopedia)
American RR of Porto Rico 12 27/1032; 30/1091
Railway Locomotor Co 1 30/1091-1092PD
Canadian National 15805 27/1032
Storage Battery (See also Car Bldrs Cyclopedia)
Cambria & Indiana 14 16/794
Chesapeake & Ohio 600 12/807

RAIL CAR BUILDERS
Budd Co 1956/206-208
McKean Car Co 16/956
Railway Locomotor Co 30/1091

SNOW PLOWS, FLANGERS (See also Car Bldrs Cyclopedia)
Delaware & Hudson 36028 Flanger 30/1382
Denver & Rio Grande Western #0Y Rotary 27/1311
Great Northern X-1510 Rotary 30/1381
New York Central X-660 Rotary 30/1381
Northern Pacific 41 Rotary 30/1381
Oregon Short Line 2012 Rotary 19/216
Q & C Co Wedge plow 30/1382
Union Pacific 03005 Rotary 27/1311

DYNAMOMETER CARS - (See also Car Bldrs Cyclopedia)
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Philippines: Rys - - 30/1397
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South African Rys #? 4-6-2 27/1341
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CAR BUILDERS DICTIONARY 1879, 1884, 1895, 1903, 1906, 1909, 1912, 1916, 1919
CAR BUILDERS CYCLOPEDIA 1922, 1925, 1928, 1931, 1937, 1940, 1943, 1946, 1949, 1953, 1957, 1961
CAR AND LOCOMOTIVE CYCLOPEDIA 1966, 1970, 1974, 1980, 1984, 1997

The Car Builders Dictionary/Cyclopedias have the same format as the locomotive volumes. They cover every conceivable type of freight and passenger car and non revenue equipment.

The idea for the dictionary was that of Matthias Forney, locomotive and car inventor and writer/publisher of books and magazines. The 1879 volume had very few cars of identified railroads. Issues of 1888 and 1898 are duplicates of 1884 and 1895. The 1895 volume is the first to use photographic rather than drawing illustrations and was the first to be published 8 1/2 x 11 rather than a smaller size.

Good but incomplete collections of these books are held at the Railroad Museum, Strasburg, Pa., Kalmbach Memorial Library at Chattanooga, California State Railroad Museum, Sacramento, Barri-ger Library of University of Missouri, St. Louis.

The 1890s saw steel under frames begun to be used and in 1897 the all-steel hopper car began production. By about 1910 steel frame box cars came into existence, but all-steel box cars did not materialize until the 1920s. Refrigerator cars remained with wood sides until after World War II. The late 1950s saw the acceptance of roller bearings as standard for freight cars and thereby made practical the 100 ton capacity, four wheel truck cars. Wood sided cars rapidly disappeared in the 1970s just as arch bar truck cars disappeared in the 1940s. For years they latter had not been allowed for interline service. The earliest all steel cars, those built in 1898-1905, were also scrapped. The 1960s saw experimentation with still heavier and larger cars, but by the 1970s coal cars over 100 ton capacity were found to give excessive track wear and jumbo tank cars over 30,000 were too unwieldy

The two cyclopedias of Simmons Boardman were combined in 1966, the car section dropping several hundred pages to 950 while the locomotive portion lost 2/3 of its pages. The combined book was about 1200 pages and fully adequate for the reduced number of users. After gradually decreasing in size 1980 saw a major reduction, and in 1984 it was reduced much further with little new material. Most car designs only showed one car instead of numerous examples. Publication was discontinued, but thirteen years later in 1997 due largely to intermodal equipment changes and new locomotive models, a much enlarged and more complete edition was published.

I have indexed the year / page numbers. If a single page number it is a photograph unless marked D or PD. If two page numbers are given, one is photograph and the other drawing. The task was extremely tedious and as a result I am sure I made more errors than I have done with other magazines.

1884-1912 issues used figure numbers rather than page numbers.

The 1974 did not use cumulative page number, each section beginning with a page #1.

Single page listed - Photograph
Two pages listed - One page is photo only, the other drwg.
D after page number - Drawing but no photo
PD after page number - Photo and drawing on same page

Abbreviations:

Auto	Automobile box car
Bat.	Storage battery driven passenger rail car
Budd	Diesel-hydraulic rail car
Cab.	Caboose
Cont.	Container gondola car
CovHop	Covered hopper car
Dump	Air operated side dump cars
ExpRef	Express Refrigerator car
G-E	Gas electric sor diesel electric self propelled pass. car
Gas	Gasoline self propelled pass. car
Horse	Baggage car outfitted for carrying horses
Int.	Interurban car
MU	Multiple Unit electric car
Observ.	Observation Car, either open platform or rounded end.
Ore	Ore carrying hopper car
Pulp	Pulp wood cars (flat cars with bulkheads)
Reefer	Refrigerator car
RPO	Railway Post Office car
TOFC	Trailers on flat cars (piggy back)

RAILROADS - FREIGHT CARS AND NON REVENUE EQUIPMENT

Akron Canton & Youngstown		?	Flat	12/344D; 16/333D
Akron Canton & Youngstown		?	Gondola	12/325D
Akron Canton & Youngstown		53	Caboose	28/322; 31/334
Alaska	401	Dump	28/432	
Alaska	453	Plow	46/453	
Alaska	7100	Ballast	57/264	
Alaska	11050	Reefer	49/245	
Alaska	12823	TOFC	61/155	
Alaska	16230	Box	49/245	
Algoma Central		#?	Gondola, 61'66/127	
Algoma Central & Hudson Bay		3550	Gondola	49/168
Alton:	52563 Box	46/176;		
Amador Central		2017	Box	80/104
Amtrak	1556	Concrete tie car		80/244
Amtrak	11700	Ballast	80/306	
Ann Arbor	516	CovHop	80/201	
Ann Arbor	11299	Box	12/7; 112/217; 6/206, 294; 19/264	
Ann Arbor	67004	Box	74/S3-13	
Ann Arbor	#?	Cov Hop	66/201	
Apache	1230	Wood chip	66/233	
Apalachicola Northern		219	Pulp 57/155	
Ashley Drew & Northern		518	Flat, pulp	74/S3-518
Ashley Drew & Northern		773	Flat, pulp	80/253
Atchison Topeka & Santa Fe		?	Gondola 70 ton	43/212D; 46/214D
Atchison Topeka & Santa Fe		?	Gondola 70 ton frame	53/309
Atchison Topeka & Santa Fe		?	Box 34'	12/289
Atchison Topeka & Santa Fe		?	Gondola, 36'	03/66D; 09/425D
Atchison Topeka & Santa Fe		?	Drop Gond	06/364D
Atchison Topeka & Santa Fe		29	Dynamometer	16//261?,271 thru 1937
Atchison Topeka & Santa Fe		138,791	Box 46/120	
Atchison Topeka & Santa Fe		174	Gondola	28/207
Atchison Topeka & Santa Fe		704	Reefer	1895/4
Atchison Topeka & Santa Fe		1089	Caboose	25/280
Atchison Topeka & Santa Fe		1576	Caboose	288/321
Atchison Topeka & Santa Fe		1597	Reefer	03/3
Atchison Topeka & Santa Fe		1951	Caboose	31/329; 37/366; 40/335
Atchison Topeka & Santa Fe		5007	Loco. instruction car	70/412
Atchison Topeka & Santa Fe		5008	Loco. instruction car	74/S5-2PD
Atchison Topeka & Santa Fe		5045	Reefer	43/169; 46/165
Atchison Topeka & Santa Fe		8400	Auto	53/101
Atchison Topeka & Santa Fe		8700	Auto	49/111
Atchison Topeka & Santa Fe		14814	Box 61/96	
Atchison Topeka & Santa Fe		D20058	Stock	1895/10
Atchison Topeka & Santa Fe		36069	Reefer	43/169; 46/165;
Atchison Topeka & Santa Fe		36840	Box 66/112	
Atchison Topeka & Santa Fe		36994	Box 66/373; 70/354; 74/S4-28	
Atchison Topeka & Santa Fe		37343	Reefer	43/169; 46/165
Atchison Topeka & Santa Fe		37428	Box 66/104	
Atchison Topeka & Santa Fe		45910	Box 74/S3-11	
Atchison Topeka & Santa Fe		49265	Box 66/85	
Atchison Topeka & Santa Fe		50656	Stock	37/451; 40/431; 43/421; 46/437
Atchison Topeka & Santa Fe		55807	Stock	19/341; 22/202PD
Atchison Topeka & Santa Fe		58484	Stock	12/92, 356;
Atchison Topeka & Santa Fe		59973	Stock	19/340; 22/194
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Atchison Topeka & Santa Fe		64279	Box 46/433	
Atchison Topeka & Santa Fe		65500	Gondola	57/253
Atchison Topeka & Santa Fe		66201	Auto	31/142; 37/150
Atchison Topeka & Santa Fe		66848	Gondola	57/167
Atchison Topeka & Santa Fe		68504	Stock	19/346; 22/200PD
Atchison Topeka & Santa Fe		70000	Gondola	70/152PD
Atchison Topeka & Santa Fe		70600	Ore 57/271; 61/258	
Atchison Topeka & Santa Fe		70710	Ore 61/253; 66/199	
Atchison Topeka & Santa Fe		71014	Gondola	57/208; 61/193
Atchison Topeka & Santa Fe		73277	Gondola	61/183
Atchison Topeka & Santa Fe		73659	Gondola	74/S3-52
Atchison Topeka & Santa Fe		77092	Hopper	61/242
Atchison Topeka & Santa Fe		77127	Ballast	46/286; 49/224; 53/229; 57/159
Atchison Topeka & Santa Fe		77902	Hopper	66/180
Atchison Topeka & Santa Fe		79075	Hopper	61/221
Atchison Topeka & Santa Fe		80600	Hopper	70/198
Atchison Topeka & Santa Fe		80991	Hopper	74/S3-85PD
Atchison Topeka & Santa Fe		85850?	Hopper	80/166
Atchison Topeka & Santa Fe		86086	Hopper	40/278; 43/275

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Atchison Topeka & Santa Fe 91500 Flat 46/360
Atchison Topeka& Santa Fe 92000 Flat, coil steel 686093 97/79
Atchison Topeka & Santa Fe 92900 Pulp 57/162
Atchison Topeka & Santa Fe 94388 Flat 7-/298
Atchison Topeka & Santa Fe 94428 Flat 70/299PD with box for aircraft parts
Atchison Topeka & Santa Fe 94606 Flat 06/23; 09/32, 52
Atchison Topeka & Santa Fe 95013 Flat 66/259
Atchison Topeka & Santa Fe 95800 Pulpwood 66/272
Atchison Topeka & Santa Fe 96213 Pulpwood 66/205; 70/223
Atchison Topeka & Santa Fe 99775 Flat 12/72; 16/226; 19/324
Atchison Topeka & Santa Fe 99946 Pile driver 12/12/ about page 200-22016/264; 19/439
Atchison Topeka & Santa Fe 100800 Tank 31/317; 37/350; 40/319
Atchison Topeka & Santa Fe 100943 Tank 43/308
Atchison Topeka & Santa Fe 101113 Tank 49/133, 53/277
Atchison Topeka & Santa Fe 101350 Tank Hop. 70/241PD; 74/S3-124PD
Atchison Topeka & Santa Fe 101403 CovHop 74/S3-132
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Atchison Topeka & Santa Fe 128905 Box 31/122; 37121; 40/116
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Atchison Topeka & Santa Fe 176207 Gondola 53/162
Atchison Topeka & Santa Fe 180024 Gondola 28/209
Atchison Topeka & Santa Fe 180158 Hopper 31/241, 240; 37/219
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Atchison Topeka & Santa Fe 620017 Box 66/115
Atchison Topeka & Santa Fe 620455 Box 70/130PD
Atchison Topeka & Santa Fe 625287 Box 74/S3-206
Atchison Topeka & Santa Fe 999126 Caboose 70/266PD; 74/S3-232PD
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Atlantic Coast Line 80800 Hopper 22/414
Atlantic Coast Line 81499 Hopper 28/236
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Atlantic Coast Line 89147 Cov Hop 66/219
Atlantic Coast Line 89198 CovHop 66/232
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Atlantic Coast Line 92250 Gondola 28/194, 195; 37/215, 216
Atlantic Coast Line 93439 Gondola 43/208, 209; 46/212-213;
Atlantic Coast Line 100977 Pulp 57/155
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Baltimore & Ohio ? Coke, 28' 1895/16D
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Baltimore & Ohio ? Drop Gond. 16/323D
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Baltimore & Ohio 262797 Gondola 43/222
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Baltimore & Ohio 534354 Hopper 49/199; 53/187
Baltimore & Ohio 557000 Gondola 57/214
Baltimore & Ohio 557423 Gondola 57/377
Baltimore & Ohio 600400 CovHop 70/213PD
Baltimore & Ohio 620000 Hopper 31/283; 37/294
Baltimore & Ohio 626003 Hopper 57/258
Baltimore & Ohio 629309 CovHop 49/242; 53/253
Baltimore & Ohio 630200 Cement CovHop 37/308; 40/296
Baltimore & Ohio 630500 CovHop 43/289, 294; 46/300

Baltimore & Ohio	631000	Hopper aluuminum	37/294
Baltimore & Ohio	631340	CovHop	57/284
Baltimore & Ohio	632000	Hopper aluminum	37/295; 40/253
Baltimore & Ohio	633002	Hopper aluminum	37/295
Baltimore & Ohio	636285	Hopper	46/248
Baltimore & Ohio	727000	Hopper	57/229
Baltimore & Ohio TTVX	802192	Auto Vert-A-Pac	74/S3-174
Baltimore & Ohio	823499	Hopper	49/196
Baltimore & Ohio	827048	Hopper	53/203
Baltimore & Ohio	829182	Hopper	66/189
Baltimore & Ohio	830057	CovHop	66/222; 66/242
Baltimore & Ohio ETTX	851598	Auto rack	80/238
Baltimore & Ohio CTTX	851679	Low level rack car	80/275; 84/190
Baltimore & Ohio	AD91	Dump	74/S5-8
Baltimore & Ohio	C300	Caboose	70/262PD
Baltimore & Ohio	C1982	Caboose	28/318
Baltimore & Ohio	C2500	Caboose	31/334
Baltimore & Ohio	C2502	Caboose	37/371; 40/331PD; 43/331PD; 46/347
Baltimore & Ohio	C2898	Caboose	61/323
Baltimore & Ohio	C3925	Caboose	80/290PD
Baltimore & Ohio	X-8	Safety instruction car	61/445; 66/476
Baltimore & Ohio	X119	Dump	28/430; 40/512; 43/510
Baltimore & Ohio	XM1162	Tie car	70/109
Baltimore & Ohio	Derrick crane car, 15 ton capacity		1895/16D, 87D
Baltimore & Ohio	Diesel & air brake instruction cars		46/514-515; 49/432, 433
Baltimore & Ohio	Interior Diesel instruction car		53/460
Bangor & Aroostook	?	Pulp	70/288PD 64' long
Bangor & Aroostook	1600	Pulp	57/169; 61/233
Bangor & Aroostook	1940	Pump	70/289PD
Bangor & Aroostook	2211	Box inxultated	53/152; 57/168
Bangor & Aroostook	3600	Hopper	40/340
Bangor & Aroostook	3610	Hopper	40/261
Bangor & Aroostook	4506	Pulp	40/210; 43/206; 46/208;
Bangor & Aroostook	5026	Pulp	49/156; 53/146, 147; 57/160, 161
Bangor & Aroostook	5047	Pulp	49/156; 53/146, 147; 57/160, 167
Bangor & Aroostook	5884	Box	74/S3-17PD
Bangor & Aroostook	6015	Box	66/98
Bangor & Aroostook	6500	Box	40/131; 43/127; 46/124;
Bangor & Aroostook	6738	Flat	12/70; 16/225
Bangor & Aroostook	7015	Reefer	53/120
Bangor & Aroostook	8000	Reefer	57/117
Bangor & Aroostook	X119	Dump	37/51543/517
Bangor & Aroostook	X196	Dynamometer	31/461; 37/530; 40/527; 46/522
Belt Ry of Chicago	222	Caboose	53/290
Bessemer & Lake Erie	?	Gondola	12/320D
Bessemer & Lake Erie	?	Gond. 36'	09/428D
Bessemer & Lake Erie	?	Hopper	03/82D; 06/407D
Bessemer & Lake Erie	?	Hopper Gond	06-367D
Bessemer & Lake Erie	?	Hopper	09/471D; 12/298
Bessemer & Lake Erie	1957	Caboose	43/330; 46/340
Bessemer & Lake Erie	3200	Gondola	74/S4-64
Bessemer & Lake Erie	3601	CovHop	43/287
Bessemer & Lake Erie	4301	Flat	40/203; 46/200;
Bessemer & Lake Erie	4401	Flat	43/318; 46/354; 49/157; 53/153
Bessemer & Lake Erie	8000	Flat	57/128, 289; 61/226PD
Bessemer & Lake Erie	9115	Box	40/345
Bessemer & Lake Erie	14699	Gondola	16/219; 19/308
Bessemer & Lake Erie	16450	Gondola	43/211; 46/218;
Bessemer & Lake Erie	17432	Gondsola	61/206
Bessemer & Lake Erie	20001	Ore	53/237; 57/289
Bessemer & Lake Erie	20090	Ore	53/23657/272; 61/256
Bessemer & Lake Erie	20511	Ore	57/272; 61/256
Bessemer & Lake Erie	34010	Gondola	31/239; 37/227
Bessemer & Lake Erie	42751	Hopper	22/389, 25/391; 28/367
Bessemer & Lake Erie	45100	Hopper	37/297, 296; 40/254, 255
Bessemer & Lake Erie	50001	Hopper	49/223; 53/22; 57/2377; 61/237
Bessemer & Lake Erie	50625	Hopper	37/285
Bessemer & Lake Erie	62004	Hopper	53/200
Bessemer & Lake Erie	65001	Hopper	37/284, 285; 40/269, 361; 43/270, 271; 46/276-277; 49/223, 222; 80/158PD
Bessemer & Lake Erie	68101	Hopper	43/354
Bessemer & Lake Erie	75001	Hopper	37/322
Bessemer & Lake Erie	75325	Hopper	53/227; 57/237; 61/236, 237
Bessemer & Lake Erie	76064	Hopper	40/251, 269; 43/271; 46/277
Bessemer & Lake Erie	90001	Box	16/201; 19/252PD
Bessemer & Lake Erie	90171	Box	40/127, 348; 43/121, 351; 46/359
Bessemer & Lake Erie	98160	Hopper	74/S3-80
Bingham & Garfield	95?	Dump	43/508; 46/538
Bingham & Garfield	1199	Ore	12/31, 310; 16/214; 309; 19/298, 299; 22/184-185; 25/227-230
Birmingham Southern	320	Box	40/127; 43/121; 46/128;
Birmingham Southern	1912	Hopper	40/256; 43/262; 46/270;
Birmingham Southern	2151	Hopper	16/209; 19/287
Birmingham Southern	5500	Gondola	43/223; 46/220
Birmingham Southern	7050	Hopper	49/205; 53.217
Black Mesa & Lake Powell		011 Hopper	74/S6-6
Boston & Albany	52549	Hopper	31/284
Boston & Abany	S25249	Hopper	37/265; 40/261;
Boston & Albany	A100	Side dump car, 4 wheel	1895/73
Boston & Maine	?	Milk, one of 11 rebuilt	53/129
Boston & Maine	450	Caboose	61/315
Boston & Maine	1701	Milk	25/161; 28/177l 31/181
Boston & Maine	5321	Pulp	57/103
Boston & Maine	5526	Cov.Hop	57/291
Boston & Maine	33773	Flar	31/203; 37/209; 40/201
Boston & Maine	34007	Flat	57/130
Boston & Maine	73000	Box	43/349
Boston & Maine	76182	Box	57/83
Boston & Maine	77399	Box	57/93
Boston & Maine	92713	Gondolas	40/239
Boston & Maine	92849	Gondola	43/229; 46/241;
Boston & Maine	W3805	Dump	28/271
Boston & Maine	W999	Snow melter	49/452
British Columbia Ry	5499	Box	74/S3-28
British Columbia Ry	60750	Box	97/31
BritishColumbia Ry	91126	Wood chip	97/87
Buffalo & Susquehanna	?	Gondola	06/337-340D; 09/392-394D
Buffalo & Susquehanna	8200	Coke	06/56; 09/75; 12/26; 19/298
Buffalo Creek	2989	Box	57/78; 61/85
Buffalo New York & Philadelphia		Steam derrick	1884/fig. 144-152
Buffalo Rochester & Pittsburgh	?	Hopper gond	06/401D
Buffalo Rochester & Pittsburgh	?	Hopper	03/73; 06/44
Buffalo Rochester & Pittsburgh	150	Caboose	19/370, 371
Buffalo Rochester & Pittsburgh	3825	Ore	61/254
buffalo Rochester & Pittsburgh	15872	Gondola	03/9
Buffalo Rochester & Pittsburgh	40561	Hopper	09/65
Burlington & Missouri River of Neb.	16237	Hopper	03/9; 06/46 & 405-406
Burlington Northern	9310	Reefer	74/S3-217PD
Burlington Northern	10758	Caboose	74/S3-207
Burlington Northern	11997	Caboose	80/294
Burlington Northern	52613	Hopper	84/135
Burlington Northern	-34700?	Log car	74/S3-162
Burlington Northern	58935?	Wood chip	74/S3-70PD
Burlington Northern	96042	Ore	74/S3-80
Burlington Northern	96043	Ore	74/S3-80
Burlington Northern	245872	Box	74/S4-25
Burlington Northern	245973	Box	74/S3-8
Burlington Northern	286161	Box	97/26PD
Burlington Northern	446575	Hopper	80/194PD
Burlington Northern	451962	Hopper	74/S3-114PD
Burlington Northern	481215	CovHop	80/186PD; 84/148
Burlington Northern	522038	Hopper	74/S3-89
Burlington Northern	525388	Hopper	74/S3-77, 85
Burlington Northern	526131	Hopper	80/163
Burlington Northern	526407	Hopper	80/159PD
Burlington Northern	565494	Gondola	97/92
Burlington Northern	575251	Gondola	74/S3-67
Burlington Northern	58-500	Gondola	84/117PD
Burlington Northern	580610	Gonola	97/78
Burlington Northern	616038	Bulkhead flat	74/S3-168
Burlington Northern	624021	Lbr flat	74/S3-165
Burlington Northern	624072	Lbr flat	74/S3-165
Burlington Northern	624076	Flat	74/S3-163
Burlington Northern	624110	Lbr. flat	80/256
Burlington Northern	62448-	Lumber flat	84/169
Burlington Northern	686093	Flat, coil steel	97/79
Burlington Northwn	734400	Box, Insulated	97/196
Burlington Northern	747439	Reefer	80/287
Burlington Northern ETTX	850562	Auto rack	80/275
Burlington Northern ETTX	902966	Auto rack	80/267
Burlington Northern	958529	Hopper	80/143, 173
Burlington Northern	964836	Dump	97/89
Burlington Northern	965108	Dump	80/296
Burlington Northern	552011	13 unit articulated hopper car	97/55
C. T. & T. RR	403	Dump	12/67
Cambria & Indiana	1249	Hopper	74/S3-88
Cambria & Indiana	1263	Hopper	74/S3-88
Canadian Government Rys	?	Snow plow flanger	19/435D; 22/1001D
Canadian Government Rys	? 102000	Dump	19/314; 22/999; 25/1012 or 1013
Canadian Government Rys		260000 Box	19/260; 22/103
Canadian Government Rys		552000 Box	22/960
Canadian National	?	Flat depressed, frame	53/304
Canadian National	?	Snow flanger	28/443D
Canadian National	?	wreck train aux. car	19/923; 49/430PD
Canadian National	149	Gondola	57/214
Canadian National	10000	ExpRef	22/218-219, 25/164-165
Canadian National	10468	ExpRef	31/177; 37/189; 40/190; 43/188
Canadian National	10499	ExpRef	46/186
Canadian National	10545	Reefer	61/119
Canadian National	10612	Exp.Ref	57/122
Canadian National	11069	Box	40/130; 43/128
Canadian National	11104	Box	46/689
Canadian National	11128	Box, Exp	46/133; 49/107;53/97
Canadian National	16734	Hopper	49/215
Canadian National	17054	CovHop	66/218
Canadian National	38800	CovHop	97/102
Canadian National	48022	Box	43/349
Canadian National	50013	Wrecker	31/426; 37/502; 40/509; 43/49556601
Canadian National	50637	Pile driver	49/424
Canadian National	55262	Snow plow	28/442; 31/446; 37/520
Canadian National	55418	Snow plow	40/518; 43/500; 46/543; 49/449;
Canadian National	55422	Snow plow	53/452; 57/468; 61/454; 66/484

Canadian National	55503	Snow plow	46/543; thru 70/417
Canadian National	55699	Snow plow double ended	43/501 thru 70/417
Canadian National	56601	Dump	53/261
Canadian National	56757	Dump	61/883
Canadian National	64889	Pile driver	22/991
Canadian National	66167	Flat	43/191; 46/190
Canadian National	66276	Flat	53/133
Canadian National	66539	Flat	57/133
Canadian National	79222	Cab	70/267PD; 74/3S-220PD
Canadian National	87989	Box transparent side	57/462; 61/443; 66/474
Canadian National	96690	Hopper	61/231
Canadian National	97080	Hopper	53/231; 57/261; 61/243; 66/181; 70/191
Canadian National	97149	Hopper	53/230; 74/S3-101
Canadian National	97274	Hopper	57/168, 260
Canadian National	98375	Ballast	43/281; 46/289; 49/225114; 53.234
Canadian National	100033	Hopper	61/221
Canadian National	109100	Hopper-alum.	57/243
Canadian National	110254	Hopper	57/242
Canadian National	111137	Hopper	66/187
Canadian National	113020	CovHop	49/158, 2 53/15338
Canadian National	113264	CovHop	53/257
Canadian National	113274	CovHop	57/293
Canadian National	114191	Ore	46/94-95
Canadian National	114473	Ore	49/1109 53/1079
Canadian National	114520	Ore	49/233, 234; 53/242
Canadian National	121080	Ore	43/286
Canadian National	121354	Ore	66/192
Canadian National	122076	Ore	57/271; 61/258
Canadian National	123000	Ore	61/253
Canadian National	135600	CovHop	61/269
Canadian National	139001	CovHop	61/279
Canadian National	142650	Gondola	49/168;1
Canadian National	143666	Gondola	53/163
Canadian National	143866	Gondola	53/261; 57/20, 3354; 61/109
Canadian National	154024	Gondola	66/288
Canadian National	154054	Stock	22/198, 25/132; 28/155
Canadian National	155049	Gondola	61/195; 70/152
Canadian National	157133	Gondola	74/S3-52
Canadian National	194053	Gondola	97/83 Aluminum
Canadian National	198733	Ore	70/205PD
Canadian National	209500	Reefer	40/172, 173; 43/170, 171
Canadian National	209729	Reefer	46/166-167
Canadian National	210330	Reefer	49/140, 141;
Canadian National	210999	Reefer	53/124, 125
Canadian National	211982	Reefer	57/118
Canadian National	212404	Reefer	61/119
Canadian National	220061	Reefer	66/126
Canadian National	280178	Box	66/127
Canadian National	280503	Box	70/131
Canadian National	286494	Box	74/S3-6
Canadian National	290105	Box	61/108
Canadian National	290383	Box	61/86
Canadian National	295099	Box	66/117
Canadian National	295616	Auto	46/134
Canadian National	346010	Ore	70/211PD; 74/S3-81PD
Canadian National	347019	Hopper	97/52
Canadian National	353450	Box	66/96
Canadian National	370209	CovHop	66/210
Canadian National	370814	Hopper	74/S3-125
Canadian National	375076	CovHop	70/216PD
Canadian National	378005	CovHop	74/S3-28
Canadian National	382010	CovHop	84/153
Canadian National	400376	Box	70/102PD
Canadian National	404917	Box	80/94PD
Canadian National	412049	Box	97/36
Canadian National	426166	Box	46/435
Canadian National	476166	Box	40/427; 43/417
Canadian National	479016	Box	49/343
Canadian National	480221	Box	40/347
Canadian National	485519	Box	46/117
Canadian National	520176	Box	46/355
Canadian National	521497	Box	46/126-127 Aluminum
Canadian National	523977	Box	49/93
Canadian National	524270	Box	49/90
Canadian National	525084	Box	49/95
Canadian National	533669	Box	53/89
Canadian National	540815	Box	57/80; 61/87
Canadian National	570424	Auto	57/109
Canadian National	570571	Auto	61/102
Canadian National	582595	Auto	28/133
Canadian National	587227	Box	37/447
Canadian National	588887	Auto	53/98
Canadian National	589248	Box	49/108
Canadian National	611209	Flat, bulkhead	74/S3-167
Canadian National	663484	TOFC Flat	53/133
Canadian National	663539	Flat	61/129
Canadian National	665049	Flat	74/S3-123
Canadian National	665144	Flat	66/261; 70/274
Canadian National	675000?	Flat depressed	66/283; 70/291
Canadian National	685207	TOFC	61/132
Canadian National	699977	Flat	61/175
Canadian National	700720	Auto rack	74/S3/176
Canadian National	710632	Auto rack	74/S3-176
Canadian National	798600	Box	80/98
Canadian National	880001	Box	70/175
Canadian National	906901	Pulp	57/162
Canadian Pacific	?	Box	16/280, 279
Canadian Pacific	?	Box 34'	12/267D
Canadian Pacific	?	Box single sheath	28/127D
Canadian Pacific	?	Caboose	12/384D
Canadian Pacific	?	Snow plow rotary	12/230; 16/267; 22/1002
Canadian Pacific	?	Wrecker, 250 ton	53/461
Canadian Pacific	?	Bulkhead flat	74/S3-167
Canadian Pacific	--0053	Flat	31/198, 203; 37/214
Canadian Pacific	62	Dynamometer	31/456 thru 53/456, 457
Canadian Pacific	3838	Wrecker	03/32
Canadian Pacific	4374	Box	25/987
Canadian Pacific	24000	Box	16/201; 19/254, 255
Canadian Pacific	34199	Gondola	66/237
Canadian Pacific	34359	Flat	12/68, 342; thru 28/187, 190
Canadian Pacific	35290	Box	61/110; 232
Canadian Pacific	35923	Box	66/118
Canadian Pacific	51508	Box	57/169
Canadian Pacific	52784	Intermodal flat	74/S3-181
Canadian Pacific	57624	Box	61/85
Canadian Pacific	58073	Box	61/86
Canadian Pacific	59298	Box	09/11
Canadian Pacific	80656	Reefer	66/118
Canadian Pacific	81036	Box	70/102
Canadian Pacific	85033	Box	70/103
Canadian Pacific	89973	Tank	12/82, 349; 16/227, 336; 19/336PD
Canadian Pacific	104554	Box	16/1033
Canadian Pacific	116418	Box	16/1042
Canadian Pacific	120314	Box	12/6, 267D
Canadian Pacific	134972	Box	19/250
Canadian Pacific	142098	Box	57/75
Canadian Pacific	167030	Box	70/132PD
Canadian Pacific	210526	Box	16/205, 282D; 19/256, 257
Canadian Pacific	221934	Box	40/344; 43/343
Canadian Pacific	225621	Box	37/447
Canadian Pacific	230100	Box-w/hopper	22/120
Canadian Pacific	243057	Box	37/124
Canadian Pacific	249171	Box	43/130; 46/109
Canadian Pacific	250150	Box	49/343
Canadian Pacific	252349	Box	49/90
Canadian Pacific	258599	Box	53/261; 57/335; 61/109
Canadian Pacific	261619	Box	53/75; 57/78
Canadian Pacific	264371	Box	53/88
Canadian Pacific	269019	Box	57/81
Canadian Pacific	281282	Reefer	49/129
Canadian Pacific	282536	Reefer	53/117; 57/118
Canadian Pacific	283357	Reefer	61/119
Canadian Pacific	286049	Reefer	66/119
Canadian Pacific	286099	Reefer	70/153
Canadian Pacific	286414	Box`	74/S3-28
Canadian Pacific	287766	Reefer	25/987
Canadian Pacific	287965	Reefer	28/167
Canadian Pacific	289250	Reefer	37/188
Canadian Pacific	289543	Reefer	46/177
Canadian Pacific	289650	Reefer	43/171; 46/467
Canadian Pacific	289989	Reefer	40/173
Canadian Pacific	293517	Box	61/87
Canadian Pacific	295509	Box	40/427; 43/417; 46/435
Canadian Pacific	295532	Auto	40/140
Canadian Pacific	295616	Auto	43/136
Canadian Pacific	295756	Auto	43/141; 46/148
Canadian Pacific	295895	Box	49/108
Canadian Pacific	296019	Auto	53/89
Canadian Pacific	302053?	Pulp	61/172
Canadian Pacific	309067	Flat, 4 truck	53/143PD; 61/177
Canadian Pacific	309902	Flat	25/171; 28/191
Canadian Pacific	309967	Flat	57/151PD; 66/279PD
Canadian Pacific	339234	Gondola	46/221
Canadian Pacific	344704	Gondola	97/92
Canadian Pacific	348099	Gondola	49/178, 203; 53/175, 295; 57/212
Canadian Pacific	349254	Gondola	70/174; 74/SA3-66PD
Canadian Pacific	350301	Gondola	28/204-205; 31/237
Canadian Pacific	352000	Gondola	37/249; 40/238; 43/469, 234
Canadian Pacific	352000	Gondola	97/84 Aluminum
Canadian Pacific	352973	Gondola	66/155
Canadian Pacific	353312	Gondola	43/223; 46/220;
Canadian Pacific	354032	Hopper	37/298
Canadian Pacific	354410	Hopper	40/347, 256
Canadian Pacific	357124	Hopper	43/262; 46/270
Canadian Pacific	357226	Gondola	80/193
Canadian Pacific	357549	Hopper	57/241; 61/231
Canadian Pacific	358099	Hopper	49/220
Canadian Pacific	358350	Hopper	49/95;
Canadian Pacific	359039	Hopper	43/348; 46/354; 49/157; 53/153
Canadian Pacific	359385	Hopper	46/272
Canadian Pacific	360038	Hopper	53/231; 57/261; 61/243; 66/187; 70/191
Canadian Pacific	360334	Hopper	53/230

Canadian Pacific	360452	Dump	49/1109
Canadian Pacific	360824	Hopper	66/186
Canadian Pacific	364599	Hopper	61/231
Canadian Pacific	375500	Ore	74/S3-50
Canadian Pacific	376524	Ore	28/267; 31/295; 37/313; 40/295;
Canadian Pacific	380300	Cov.Hop	53/256
Canadian Pacific	381258	CovHop	61/259
Canadian Pacific	383049	Cov Hop	66/210; 70/216PD; 74/S3-124
Canadian Pacific	383163	CovHop	66/202
Canadian Pacific	386099	Cov Hop	66/127
Canadian Pacific	389100	Tank	57/308; 61/310
Canadian Pacific	397100	CovHop	70/242-243
Canadian Pacific	400043	Pile driver	31/430
Canadian Pacific	400675	Snow plow, single track	19/434; 22/1002-3; 25/1024-1025
Canadian Pacific	455238	Dump	61/440
Canadian Pacific	455472	Dump	97/88
Canadian Pacific	503483	TOFC	61/132, 233
Canadian Pacific	505006	TOFC	61/132, 233
Canadian Pacific	521724	Flat	80/257
Canadian Pacific	540178	Auto rack	74/S3-176
Canadian Pacific	542007	Rack	70/307
Central of Georgia	?	Box	03/40D, 41D; 06/220D
Central of Georgia	?	Box	49/116, 117
Central of Georgia	?	Box 36'	09/269D
Central of Georgia	?	Flat for steel coils	61/166
Central of Georgia	5296	Auto	46/144
Central of Georgia	10265	Pulp	49/155
Central of Georgia	11501	Flat	61/209
Central of Georgia	12433	Pulp	53/148
Central of Georgia	13068	Bulkhead flat	74/S3-180
Central of Georgia	18300	Gondola	31/210; 37/250
Central of Georgia	18572	Gondola	53/151
Central of Georgia	58459	Vent.Box	28/142, 143; 37/152, 155; 40.154, 155; 43/152, 153; 46/150-151
Central Pacific	?	Fruit Box	1884/Fig.121-125
Central RR of N.J.	?	Box 28'	1879/219-222; 1884/fig.82-85;
Central RR of N.J.	?	Box 36'	09/297-300D
Central RR of N.J.	?	Box-ice	12/377D
Central RR of N.J.	?	Box 36'	06/247
Central RR of N.J.	?	Fuel Instruction	43/499
Central RR of N.J.	?	Gondola	06/381D
Central RR of N.J.	?	Gondola. mill	40/212D
Central RR of N.J.	?	HopGond	09/442D
Central RR of N.J.	?	Hopper	16/299D; 19/289D
Central RR of N.J.	7100	Stock	09/111
Central RR of N.J.	17239	Box	19/251; 22/103
Central RR of N.J.	19097	Auto	28/120, 123; 31/135, 134
Central RR of N.J.	21692	Box	28/120, 121, 38331/124, 125
Central RR of N.J.	89108	Gondola	31/221, 224; 37/245
Central RR of N.J.	59106	CovHop	43/287; 46/302
Central RR of N.J.	85299	Gondola	16/220; 19/306, 307
Central RR of Pa (CNJ)	514	CovHop	49/241; 53/251
Central RR of Pa (CNJ)	1132	Gondola	49/199; 53/187;
Central Vermont	4040	Caboose	74/S3-231
Central Vermont	4050	Caboose	25/280
Charlotte Harbor & Northern	121	Flat	12/69
Chesapeake & Ohio	?	Box - Hi-cube 86'	66/105
Chesapeake & Ohio	100	Hopper	37/275
Chesapeake & Ohio	105	Hopper	37/275, 374
Chesapeake & Ohio	130	Hopper-aluminum	49/221
Chesapeake & Ohio	400	Cement Hopper	37/322
Chesapeake & Ohio	1143	Cov.Hop	49/239
Chesapeake & Ohio	2906	Box-aluminum	49/91
Chesapeake & Ohio	3100	Caboose	70/262PD
Chesapeake & Ohio	5249		40/111
Chesapeake & Ohio	5500	Reefer	61/111
Chesapeake & Ohio	6789	Box	37/449
Chesapeake & Ohio	6800	Box	43/346
Chesapeake & Ohio	9699	Box	31/301
Chesapeake & Ohio	11000	Box	43/117
Chesapeake & Ohio	15370	Box	49/405
Chesapeake & Ohio	20208	Hopper	03/9; 06/47; 09/57
Chesapeake & Ohio	22446	Box	61/91
Chesapeake & Ohio	22654	Box	66/116
Chesapeake & Ohio	26580	Box	66/89
Chesapeake & Ohio	28199	Box	57/103
Chesapeake & Ohio	29900	Gondola	40/345
Chesapeake & Ohio	30628	Gondola-coil steel	74/S3-62PD
Chesapeake & Ohio	31722	Gondola	53/170, 171; 57/206, 207; 61/195
Chesapeake & Ohio	34647	Gondola	28/220
Chesapeake & Ohio	36000	Gondola	49/164, 165; 53/158, 159
Chesapeake & Ohio	36300	Gondola	49/218
Chesapeake & Ohio	38759	Gondola	25/198\
Chesapeake & Ohio	44572	Gondola	40/225
Chesapeake & Ohio	58546	Hopper	46/253
Chesapeake & Ohio	60899	Hopper	43/247
Chesapeake & Ohio	62041	Hopper	74/S3-91
Chesapeake & Ohio	64000	Hopper	28/225, 227
Chesapeake & Ohio	64102	Ballast	70/423PD; 74/S5-10
Chesapeake & Ohio	69576	Hopper	31/285; 37/271; 40/271; 43/274; 46/284
Chesapeake & Ohio	72000	Hopper	22/164, 25/199
Chesapeake & Ohio	76918	Hopper	25/217; 28/237
Chesapeake & Ohio	79000	Hopper	49/214; 53/1070
Chesapeake & Ohio	80090	Flat	43/198
Chesapeake & Ohio	80410	Flat	37/214; 40/201
Chesapeake & Ohio	80900	Flat	46/199
Chesapeake & Ohio	80950	Flat	46/201; 49/154
Chesapeake & Ohio	80996	Flat, well	43/205; 46/206; 49/153; 53/145; 57/155
Chesapeake & Ohio	81000	Flat	53/13257/129; 61/127
Chesapeake & Ohio	81489	TOFC	61/146; 66/308
Chesapeake & Ohio	82102	Flat, coils	66/286
Chesapeake & Ohio	83661	Hopper	70/188PD
Chesapeake & Ohio	87199	VentBox	31/150; 37/157
Chesapeake & Ohio	90000	Caboose	40/346
Chesapeake & Ohio	90079	Caboose	43/330;45/340
Chesapeake & Ohio	92199	Hopper	49/211
Chesapeake & Ohio	98017	Hopper	53/228
Chesapeake & Ohio	100500	Gondola	22/136-36, 179 to 43/214-215
Chesapeake & Ohio	101049	Hopper	53/223, 314; 57/251
Chesapeake & Ohio	103533	Hopper	57/241
Chesapeake & Ohio	130800	Hopper	37/275
Cheaapeake & Ohio	154739	Hopper	66/174
Chesapeake & Ohio	300011	Hopper	70/199 articulaed
Chesapeake & Ohio	306331	Flatr	70/296PD
Chesapeake & Ohio	367622	Gondola	70/152
Chesapeake & Ohio	486013	Box	74/S3-17PD
Chesapeake & Ohio	488117	Box	74/S3-18PD
Chesapeake & Ohio	493609	Box	70/116PD
Chesapeake & Ohio	493322	Box	84/104PD
Chesapeake & Ohio	495609	Box	70/112PD
Chesapeake & Ohio	602395	CovHop	70/288PD
Chesapeake & Ohio CTTX	851679	Low level rack	80/275
Chesapeake & Ohio	AD-30	Dump	40/510
Chesapeake & Ohio	X203	Dump	28/437
Chesapeake & Ohio	?	250 ton wrecker	46/510
Chesapeake & Ohio	?	Roadway inspection car	70/421PD
Chesapeake & Ohio	?	Side dump car	1895/70D
Chicago & Alton	?	Flat	06/307D
Chicago & Eastern Illinois	?	Box 36'	06/236D; Box 36' 09/285D
Chicago & Eastern Illinois	?	Gondola	03/63D; 06/328D
Chicago & Eastern Illinois	?	Gondola	09/38D
Chicago & Eastern Illinois	2	Box	46/132; 49/107
Chicago & Eastern Illinois	3?	Box	46/360
Chicago & Eastern Illinois	6	Cab	49/276
Chicago & Eastern Illinois	514	Cab	66/251
Chicago & Eastern Illinois	2000	Gondola	06/25
Chicago & Eastern Illinois	5038	Box	57/102
Chicago & Eastern Illinois	16250	Hopper	74/S3-75
Chicago & Eastern Illinois	16099	Gondola	03/6
Chicago & Eastern Illinois	20000	Gondola	03/6
Chicago & Eastern Illinois	64521	Box	53/323
Chicago & Eastern Illinois	65095	Box	53/320
Chicago & Eastern Illinois	72556	Gondola	06/36; 09/45
Chicago & Eastern Illinois	80014	CovHop	57/283
Chicago & Eastern Illinois	80072	CovHop	53/173
Chicago & Eastern Illinois	80108	CovHop	57/274; 61/274
Chicago & Eastern Illinois	81932	Dump	06/59; 09/82
Chicago & Eastern Illinois	82005	Gondola	61/207
Chicago & Eastern Illinois	87749	Dump	09/84-87
Chicago & Eastern Illinois	88599	Hopper	53/221
Chicago & Eastern Illinois	89199	Hopper	53/203
Chicago & Eastern Illinois	97393	Hopper	46/249
Chicago & Eastern Illinois	98499	Hopper	28/245, 254; 31/279
Chicago & Eastern Illinois	165513	Gondola	74/3D-53PD
Chicago & Eastern Illinois	587995	Hopper	74/S3-88
Chicago & Eastern Illinois	X7	Caboose	53/300; 57/334
Chicago & Illinois Midland	65	Caboose	43/340; 46/344; 49/283
Chicago & Illinois Midland	1003	Box	74/3S-11PD
Chicago & Illinois Midland	7199	Gondola	28/193; 31/233; 37/241; 40/225
Chicago & Illinois Midland	7410	Gondola	43/215; 46/217
Chicago & Illinois Midland	7450	Gondola	49/161
Chicago & North Western	?	Flat, 34'	1895/62D
Chicago & North Western	?	Flat 100 ton	43/377
Chicago & North Western	?	Flat 200 ton frame	49/290
Chicago & North Western	?	Flat frame	49/287
Chicago & North Western	?	Flat, depressed frame	53/304
Chicago & North Western	?	Pile driver	1895/88, 89D; 03/93, 94; 06/520D; 09/592D
Chicago & North Western	?	Wrecker 100 ton	09/248
Chicago & North Western	?	Ore	06/435D; 09/501D
Chicago & North Western	2906	Ore	57/270
Chicago & North Western	10100	Flat	25/171; 28/190
Chicago & North Western	10196	Cab	61/291
Chicago & North Western	10913	Cab	66/256
Chicago & North Western	11079	Cab	66/251
Chicago & North Western	11156	Cab	70/264PD
Chicago & North Western	13075	Gondola	25/196; 28/221
Chicago & North Western	13507	Ballast	46/287
Chicago & North Western	18735	Stock	1895/10
Chicago & North Western	25691	Ore	1895/6
Chicago & North Western	27032	Ore	09/71

Chicago & North Western 39600 Gondola-coil steel 74/S3-63
Chicago & North Western 39674 Flat-coiled steel 80/154
Chicago & North Western 42597 Flat 28/186, 188; 31/201, 202; 37/207, 208
Chicago & North Western 42701 Flat 46/207
Chicago & North Western 44195 Flat 49/145; 53/132
Chicago & North Western 45865 Flat 46/194
Chicago & North Western 46339 Flat 49/103
Chicago & North Western 48053 Flat 4 trucks 31/205 thru 46/201-202; 49/154;
Chicago & North Western 48498 Box 28/379
Chicago & North Western 48829 Pulp 70/287; 74/S3-163
Chicago & North Western 51998 Auto 40/364
Chicago & North Western 57902 Auto 37/148, 453
Chicago & North Western 60299 Hopper 28/246, 247, 273; 31/274, 275;37/282, 283
Chicago & North Western 63048 Hopper 70/180PD
Chicago & North Western 63299 Hopper 43/274; 51/235; 40/271, 354
Chicago & North Western 64345 Hopper 46/284
Chicago & North Western 65215 Hopper 46/360; 49/214; 53/217; 57/254
Chicago & North Western 66904 Box 46/452
Chicago & North Western 68723 Cov.Hop 53/246
Chicago & North Western 69059 Cov Hop 46/303
Chicago & North Western 69763 Gondola 49/163; 53/155
Chicago & North Western 70501 Gondola 46/216; 49/199; 53/187
Chicago & North Western 73382 Box 43/354
Chicago & North Western 75205 Gondola 57/174; 61/187
Chicago & North Western 83574 Box 46/114
Chicago & North Western 89000 Gondola 70/172PD
Chicago & North Western 91608 Box 70/110PD
Chicago & North Western 91627 Box 80/107
Chicago & North Western 95052 Gondola 61/195
Chicago & North Western 96573 Gondola 19/310, 311; 22/148
Chicago & North Western 96773 Ballast 16/216
Chicago & North Western 105598 Box 40/143, 39543/134,387
Chicago & North Western 110550 Ore 70/204PD
Chicago & North Western 114075 Ore 53/241
Chicago & North Western 120999 Ore 25/223; 28/265
Chicago & North Western 121667 Ore 28/264, 265; 31/291; 37/317, 318; 40/283
Chicago & North Western 132087 Gondola 53/168
Chicago & North Western 132660 Gondola 70/155; 74/S3-57
Chicago & North Western 142200 Box 19/9761-978; 22/116-17; 25/110-111; 28/112, 113
Chicago & North Western 147388 Box 28/270; 31/298; 37/323
Chicago & North Western 161013 Box 70/96-97
Chicago & North Western 173/447 CovHop 74/S3-106PD
Chicago & North Western 175021 Covhop 70/228PD
Chicago & North Western ETTX 90426 Auto rack 84/169
Chicago & North Western 490051 CohHop 97/110
Chicago & North Western X263627 Scale test car 70/414; 74/S5-5
Chicago & North Western X300845 wreck crew car 49/426PD thru 61457
Chicago Aurora & Elgin 419 Intrerurban 25/988
Chicago Burlington & Quincy ? Box 40' 06/245
Chicago Burlington & Quincy ? Bunk car 16/889
Chicago Burlington & Quincy ? Caboose 03/91D; 06/508D; 09/579D
Chicago Burlington & Quincy ? DropGond 40' 09/402D
Chicago Burlington & Quincy ? Furniture box, 40' 1895/49D
Chicago Burlington & Quincy ? Furniture box 06/224D
Chicago Burlington & Quincy ? Gond-all steel 09/400D
Chicago Burlington & Quincy ? Gondola 12/330D
Chicago Burlington & Quincy ? Gondola 40' 06/342-343D
Chicago Burlington & Quincy ? Stock, 32' 1895/80, 81D
Chicago Burlington & Quincy RBCS 2713 Box 70/133PD
Chicago Burlington & Quincy 3166 Gondola 61/204
Chicago Burlington & Quincy 13525 Caboose 57/329
Chicago Burlington & Quincy 13548 Caboose 61/317
Chicago Burlington & Quincy 13654 Caboose 70-/269PD
Chicago Burlington & Quincy 19516 Box 61/98
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Chicago Burlington & Quincy 21000 Box 43/432
Chicago Burlington & Quincy 21383 Box 43/134
Chicago Burlington & Quincy 23025 Box 57/104
Chicago Burlington & Quincy 24100 Box 57/380
Chicago Burlington & Quincy 24893 Box 66/100-101; 7-/107
Chicago Burlington & Quincy 28000 Box 40/122; 43/118; 46/126
Chicago Burlington & Quincy 30034 Box 43/123; 46/125
Chicago Burlington & Quincy 30050 Box 43/430; 46/450; 49/357; 53/352
Chicago Burlington & Quincy 40351 Auto 31/131
Chicago Burlington & Quincy 41326 Box 1895/2
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Chicago Burlington & Quincy 47011 Box 66/375; 70/353
Chicago Burlington & Quncy 48500 Auto 43/151; 46/145; 49/114
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Chicago Burlington & Quincy 82179 Gondola 53/157
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Chicago Burlington & Quincy 160384 Hopper 66/177
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Chicago Burlington & Quincy 220599 Ballast 43/276; 40/276
Chicago Burlington & Quincy 221052 Ballast 46/286-287
Chicago Burlington & Quincy 221400 Hopper 53/233
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Chicago Great Western 3004 Flat 61/291
Chicago Great Western 6517 Stock 09/112
Chicago Great Western 30344 16/238
Chicago Great Western 52183 Auto 43/144; 46/139
Chicago Great Western 67591 Hopper 37/2943; 40/267; 43/273; 46/278
Chicago Great Western 67599 Hopper 37/326; 43/352; 46/358
Chicago Great Western 70025 CovHop 49/235
Chicago Great Western 89408 Box 37/128; 40/131; 43/129
Chicago Great Western 90017 Box 40/132, 348; 43/134,351; 46/128
Chicago Heights Terminal Transfer 160044 Box 97/28
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Chicago Indianapolis & Louisville 354- Gondola 53/173
Chicago Indianapolis & Louisville 4436 CovHop 57/292
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Chicago Indianapolis & Louisville 81552 Caboose 61/322
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Chicago Milwaukee St. Paul & Pacific 21329 Box 46/1120114
Chicago Milwaukee St. Paul & Pacific 23922 Box 49/77,78,79; 53/77-79;
Chicago Milwaukee St. Paul & Pacific 29500 Box 61/85
Chicago Milwaukee St. Paul & Pacific 35562 Reefer URTX 46/178;
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Chicago Rock Island & Pacific 3630 Gondola 70/154PD
Chicago Rock Island & Pacific 8607 CovHop 70/244PD
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Chicago Rock Island & Pacific 17850 Caboose 31/331; 37/365
Chicago Rock Island & Pacific 20039 Box 43/123; 46/125
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Chicago Rock Island & Pacific 23220 Box 53/81
Chicago Rock Island & Pacific 26400 Auto 31/127
Chicago Rock Island & Pacific 27653 Box 66/83
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Chicago Rock Island & Pacific 34500 Box 74/S3-22
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Cuyahoga Valley 123 Gondola 53/153
Davenport Iowa & Dakota 11 Flat 1895/6
Deepwater (Vgn Ry) 10267 Hopper 06/Adv. page 9; 09/82
Delaware & Hudson ? Flat, well frame 49/290; 53/308
Delaware & Hudson ? Gondola,Drop 09/463D
Delaware & hudson 44 Caboose 1895/12
Delaware & Hudson 241 Ore 70/205PD
Delaware & Hudson 2150 or 3150 Cov Hop 43/265; 46/303
Delaware & Hudson 3100 Cov Hop 49/238
Delaware & Hudson 3210 Cement 37/309; 40/297
Delaware & Hudson 3223 Hopper 37/259
Delaware & Hudson 4496 Hopper 37/259
Delaware & Hudson 4651 Hopper 37/259; 40/253
Delaware & Hudson 5287 Hopper 09/60, 463; 12/25; 16/212; 19/290
Delaware & Hudson 5737 Hopper 43/253
Delaware & Hudson 6295 Hopper 57/229
Delaware & Hudson 7215 Hopper 53/196
Delaware & Hudson 8002 Pulp 61/169
Delaware & Hudson 9000 Hopper 61/???; 66/169
Delaware & Hudson 12130 CovHop 57/288
Delaware & Hudson 12191 Hopper 74/S3-121
Delaware & Hudson 15455 Gondola 43/223; 46/220;
Delaware & Hudson 15611 Gondola 46/210
Delaware & Hudson 15900 Cont.Gond 43/320; 46327
Delaware & Hudson 15956 Cont. Gond. 43/322; 46/211, 329; 49/272; 53/286;
Delaware & Hudson 16106 Flat 43/201,202,376
Delaware & Hudson 16153 Flat, 250 tons 53/140PD; 57/152; 61/178; 66/282
Delaware & Hudson 16157 Flat 300 ton 61/173PD
Delaware & Hudson 16159 Flat 61/173
Delaware & Hudson 16160 Flat, well 46/201, 203;
Delaware & Hudson 17128 Converted box to cement car 37/307
Delaware & Hudson 17619 Box 37/122
Delaware & Hudson 17889 Box 49/80, 81

Delaware & Hudson	19600	Box	53/92
Delaware & Hudson	22164	Box	57/104; 61/99
Delaware & Hudson	23051	Box	74/S3-30
Delaware & Hudson	24001	Box	74/S3-20
Delaware & Hudson	27027	Box	66/98
Delaware & Hudson	32161	Dump	49/446
Delaware & Hudson	35052	Scale test	31/447
Delaware & Hudson	35711	Caboose	61/313
Delaware & Hudson	35721	Caboose	70/269PD
Delaware & Hudson	36028	Flanger, snow	19/432PD; 22/1001; 25/1023; 28/443
Delaware & Hudson	40030	Gondola	12/47
Delaware & Hudson	Camp car interior		31/454
Delaware & Hudson	Wreck train interior		49/427
Delaware Lackawanna & West.	?	Box	16/293
Delaware Lackawanna & West.	?	Box, 36' 30 ton	19/268, 269
Delaware Lackawanna & West.	?	Cement	37/306
Delaware Lackawanna & West.	?	Reefer	37/185, 186D
Delaware Lackawanna & West.	?	Instruction	16/261, 271; 22/1007; 19/426; 25/1028
Delaware Lackawanna & West.	759	Caboose	28/271
Delaware Lackawanna & West.	903	Caboose	57/320
Delaware Lackawanna & West.	6435	Reefer	09/12
Delaware Lackawanna & West.	7000	Reefer	28/168, 169; 31/168, 169
Delaware Lackawanna & West.	10039	Box	53/73
Delaware Lackawanna & West.	11133	Auto	31/143
Delaware Lackawanna & West.	12098	Box	57/76, 89; 61/76
Delaware Lackawanna & West.	12394	Box	43/425; 46/445
Delaware Lackawanna & West.	16400	TOFC	57/143
Delaware Lackawanna & West.	18019	CovHop	57/274; 61/274
Delaware Lackawanna & West.	19231	CovHop	53/247
Delaware Lackawanna & West.	45000	Box	28/114, 115' 31/116, 117
Delaware Lackawanna & West.	46006	Box	28/271
Delaware Lackawanna & West.	47859	Box	31/126
Delaware Lackawanna & West.	48002	Box	43/427l 46/447
Delaware Lackawanna & West.	49000	Box	43/130
Delaware Lackawanna & West.	49498	Box	40/346
Delaware Lackawanna & West.	51065	Box	43/348
Delaware Lackawanna & West.	51750	Box	46/123; 49/157
Delaware Lackawanna & West.	55699	Box	57/73
Delaware Lackawanna & West.	69000	Gondola	31/243, 299
Delaware Lackawanna & West.	69161	Gondola	43/219
Delaware Lackawanna & West.	69750	Gondola	49/168; 53/175;
Delaware Lackawanna & West.	75022	Hopper	09/64
Delaware Lackawanna & West.	75025	Hopper	09/66; 12/20
Delaware Lackawanna & West.	83654	Hopper	37/295, 325
Delaware Lackawanna & West.	84024	Hopper	28/245, 244; 31/279, 278
Delaware Lackawanna & West.	84726	Hopper	37/292
Delaware Lackawanna & West.	85300	Hopper	40/360, 251
Delaware Lackawanna & West.	86000	Hopper	49/198, 404;
Delaware Lackawanna & West.	86299	Hopper	53/198
Delaware Lackawanna & West.	86999	Hopper	57/238
Delaware Lackawanna & West.	95708	Dump	22/189
Delaware Lackawanna & West.	95750	Dump	43/512
Delaware Lackawanna & West.	97017	Dump	57/460; 61/439
Delaware Lackawanna & West.	98797	Ballast	31/244
Delaware Lackawanna & West.	98798	Ballast	28/223
Delaware River & Union	1100	Tank	22/274
Denver & Rio Brande	1006	Box, fruit	1895/3
Denver & Rio Grande		37241	Stock 12/91
Denver & Rio Grande		OY	Snow plow rotary 25/1026
Denver & Rio Grande		0817	Caboose 1895/13`
Denver & Rio Grande Western	01487	Caboose	61/318
Denver & Rio Grande Western	3081	Gondola	70/157PD
Denver & Rio Grande Western	16875D	Hopper	66/168
Denver & Rio Grande Western	11937	Hopper	66/168
Denver & Rio Grande Western	18092	CovHop	66/228
Denver & Rio Grande Western	18105	CovHop	61/282; 66/223
Denver & Rio Grande Western	18950	Hopper	53/220
Denver & Rio Grande Western	21073	Flat	61/125
Denver & Rio Grande Western	22658	Flat, bulkhead	66/275
Denver & Rio Grande Western	23018	Flat	57/127; 61/131
Denver & Rio Grande Western	25131	Hopper	74/S3-75
Denver & Rio Grande Western	30049	Gondola	40/214; 43/228
Denver & Rio Grande Western	30814	Gondola	74/S3-49
Denver & Rio Grande Western	46399	Gondola	49/179; 53/178
Denver & Rio Grande Western	50615	Box insulated	74/S3-206
Denver & Rio Grande Western	50876	Reefer	80/286
Denver & Rio Grande Western	55507	Gondola	70/149PD
Denver & Rio Grande Western	56271	Gondola	74/S3-52, 56
Denver & Rio Grande Western	56463	Gondola	80/142PD
Denver & Rio Grande Western	60001	Box inculated	57/106
Denver & Rio Grande Western	61699	Auto	28/272
Denver & Rio Grande Western	63815	Box	66/102PD
Denver & Rio Grande Western	63816	Box	66/373; 70/357; 74/S3-28
Denver & Rio Grande Western	63847	Box	70/114PD
Denver & Rio Grande Western	64016	Box	57/92
Denver & Rio Grande Western	65105	Auto	43/138
Denver & Rio Grande Western	65149	Auto	43/138; 46/135
Denver & Rio Grande Western	67899	Box	49/92
Denver & Rio Grande Western	68299	Box	40/128; 43/119; 46/116;
Denver & Rio Grande Western	70477	Gondola	25/187, 188; 28/215, 217; 31/243, 242; 37/246, 248
Denver & Rio Grande Western	71000	Gondola	43/244; 53/179
Denver & Salt Lake	10410	Dump	31/439
Detroit & Mackinac	1500	Stock	03/15; 06/79
Detroit & Mackinac	6101	CovHop	66/214
Detroit & Toledo Shore Line	6196	Flat, steel coils	66/288
Detroit Toledo & Ironton	?	Box, 86'	70/118
Detroit Toledo & Ironton	467	Ditcher	31/433; 37/508
Detroit Toledo & Ironton	6455	Gondola	28/209; 31/232; 37/229
Detroit Toledo & Ironton	9600	Gondola	74/S3-56
Detroit Toledo & Ironton	11800	Cement	37/309
Detroit Toledo & Ironton	14000	Box	49/87; 53/85
Detroit Toledo & Ironton	17000	Box	74/S3-6
Detroit Toledo & Ironton	18800	Box	74/S-332PD
Detroit Toledo & Ironton	27063	Box	74/S3-33
Detroit Toledo & Ironton	26764	Box	74/S3-40
Duluth & Iron Range	?	Ore, 22'	1895/70
Duluth & Iron Range	3195		Ore 03/11
Duluth & Iron Range	10299	Ore	12/32
Duluth & Iron Range	11398	Ore	12/33; 19/300
Duluth & Iron Range	11500	Ore	16/214, 310
Duluth Missabe & Iron Range	2948	Hopper	53/220
Duluth Missabe & Iron Range	4152	Gondola	43/213; 46/215;
Duluth Missabe & Iron Range	24699	Ore	40/352; 43/355
Duluth Missabe & Iron Range	25399	Ore	40/283
Duluth Missabe & Iron Range	25561	Ore	43/282, 283; 46/361
Duluth Missabe & Iron Range	26599	Ore	43/265, 289; 46/253
Duluth Missabe & Iron Range	27435	Ore	46/290-291;
Duluth Missabe & Iron Range	28900	Ore	49/228, 229; 53/240, 241
Duluth Missabe & Iron Range	29250	Ore	49/231, 232
Duluth Missabe & Iron Range	31016	Ore	53/239; 57/267; 61/247, 246; 66/195, 70/207
Duluth Missabe & Iron Range	32499	Ore	53/243
Duluth Missabe & Iron Range	32887	Ore	61/254
Duluth Missabe & Iron Range	33199	Ore	61/255; 66/193
Duluth Missabe & Iron Range	C-200	Caboose	53/289PD
Duluth Missabe & Northern	?	Ore	09/505D
Duluth Missabe & Northern	84-5	Ore	09/73, 505
Duluth Missabe & Northern	5036	Reefer	12/109
Duluth Missabe & Northern	19299	Ore	16/215; 19/300; 22/185; 25/227
Duluth Missabe & Northern	20000	Ore	19/921
Duluth Missabe & Northern	21025	Ore	28/269; 31/296; 37/320
Duluth Missabe & Northern	22085	Ore	31/290, 29137/316, 317
Duluth Missabe & Northern	23002	Ore	28/261, 26331/253
Duluth Missabe & Northern	29500	Ore	49/103
Duluth Winnipeg & Pacific	608545	Flat	74/S3-167
East Jersey RR & Tr. Co	25	Tank	09/123, 1030
El Paso & Southwestern	1899	Gondola	16/218; 19/308
Elgin Joliet & Eastern	224	Dump	37/510; 40/516; 43/512; 46/542
Elgin Joliet & Eastern	237	Dump	31/442
Elgin Joliet & Eastern	500	Caboose	57/333
Elgin Joliet & Eastern	527	Caboose	57/321
Elgin Joliet & Eastern	833	Flat	66/281
Elgin Joliet & Eastern	30x5	Cont.	49/408
Elgin Joliet & Eastern	3900	Gondola	03/7; 06/3900
Elgin Joliet & Eastern	5565	Gondola	09/61; 12/44; 16/217
Elgin Joliet & Eastern	6000	Box	49/75
Elgin Joliet & Eastern	7298	Flat	74/S3-164PD
Elgin Joliet & Eastern	31749	Gondola	40/363; 43/359; 46/365
Elgin Joliet & Eastern	32399	Gondola	43/347
Elgin Joliet & Eastern	33327	Gondola	43/216
Elgin Joliet & Eastern	34555	Gondola	49/168; 53/174
Elgin Joliet & Eastern	41400	Hopper	40/359; 43/358; 46/364
Elgin Joliet & Eastern	70000	Hopper	43/356
Elgin Joliet & Eastern	70737	Coke	57/264
Elgin Joliet & Eastern	71228	Hopper	46/284
Elgin Joliet & Eastern	73020?	Hopper	74/S3-76
Elgin Joliet & Eastern	88608	Gondola	80/125PD
Elgin Joliet & Eastern	90223	Gondola	53/174
Elgin Joliet & Eastern	90342	Gondola	57 174
Elgin Joliet & Eastern	90866	Gondola	74/S3-59PD
Erie ?	Box	09/303S	
Erie ?	Box	09/311D	
Erie ?	Caboose 4 wheel	03/92D, 93D06/5140; 09/585, 588	
Erie ?	Flat 115 ton frame	53/304	
Erie ?	Flat, depressed	43/373; 49/287D	
Erie ?	50' furniture box	03/44D	
Erie 04951	Caboose	31/329	
Erie 982--	Autop	37/140, 141; 40/136, 137	
Erie 1097	Hospital Car	19/972PD	
Erie 3419	Snow sweeper	19/440; 22/1000	
Erie 6600	Milk	37/202, 203, 324; 40/199	
Erie 7200	Flat	12/71; 16/225; 19/324	
Erie 7202	Flat	22/127	
Erie 7210	Flat	31/31/205; 37/211; 40/208	
Erie 7220	Flat	43/198; 46/198-199	
Erie 7255	Flat, depressed	57/150, 151; 61/176, 177; 66/278-279	
Erie 7500	Flat	40/356	
Erie 7552	TOFC	57/143	
Erie 8086	Flat	43/192,194; 46/195-196;49/148, 150; 53/137	
Erie 14000	Gondola	31.239; 37/227	
Erie 14221	Gondola	43/430; 46/450; 49/357; 53/352; 57/380	

Erie 14999	Gondola	31/301
Erie 15000	Gondola	40/345
Erie 19559	Gondola	19/308
Erie 20000	Cement	37/301,304, 305; 40/294, 295
Erie 20012	Cov.Hop	46/443; 49/353
Erie 22199	Hopper	16/210
Erie 28000	Hopper	46/351
Erie 29300	Hopper	49/204; 53/202
Erie 32800	Hopper	19/284, 285; 22/278-179, 25/214-215
Erie 39800	Ballast	31/245; 37/253
Erie 44000	Gondola	28/202, 203; 31/221; 37/245, 244; 40/236, 237
Erie 66000	Box	43/151; 46/145
Erie 66979	Box	09/15, 302-312
Erie 67000	Box	57/100
Erie 68000	Box	31/299
Erie 68188	Box	03/1
Erie 68200	Auto	37/142, 143; 40/146, 147
Erie 68488	Furniture	06/238; 09/3, 287
Erie 78249	Box	37/453
Erie 80200	Box	43/129
Erie 81000	Box	46/110-111
Erie 82525	Box	49/75
Erie 85999	Box	12/5
Erie 96822	Auto	12/12, 272; 16/208
Erie 97900	Auto	31/297
Erie 107176	Box	22/405
Erie 110707	Box	09/5, 303
Erie 114044	Box	28/362
Erie C301	Caboose	57/321
Erie Lackawanna	9067	Flat colsteel 70/298; 74/S3-63
Erie Lackawanna	15618	Gondola 66/135
Erie Lackawanna	15990	Gondola 66/144; 70/166; 74/S3-64
Erie Lackawanna	17937	Gondola 70/148
Erie Lackawanna	32839	Hopper 70/195PD
Erie Lackawanna	43747	Gondola 74/S3-59PD
Erie Lackawanna	44103	Gondola 74/S3-58
Erie Lackawanna	68123	Box 74/S3-40
Florida East Coast	610	Ecxpress 46/133
Florida East Coast	714	Caboose 28/322
Florida East Coast	12653	Gondola 74/S3-56
Florida East Coast	13001	Gondola 74/S3-92
FloridaEast Coast	15000	Hopper 80/166; 84/136
Florida East Coast	17001	VentBox 22/107-09, 25/112-113; 28/140, 141; 31/144, 145; 37/152, 153
Florida East Coast	21001	Box 46/355; 49/158; 53/153
Florida East Coast	Instruction car interior	49/431; 53/458-459
Fort Worth & Denver City RR:	?	Steamshovel03/33
Galveston Houston & San Antonio	42006	Gondola 25/274
Georgetown RR	925	Hopper 74/S3-95; 80/167
Georgetown 1201	Gondola	80/149
Georgia	21151	Hopper 46/271
Georgia & Florida	432	61/101
Grand Trunk	34620	Auto 22/110
Grand Trunk	64300	Flat 22/129; 25/172; 28/190
Grand Trunk	69611	Flat 16/226; 19/326; 22/127; 25/171
Grand Trunk	72299	Gondola 16/1035
Grand Trunk Pacific	395075	Snow plow rotary 12/22916/267
Grand Trunk Western	47669	Gondola 84/137
Grand Trunk Western	52966	49/446
Grand Trunk Western	78903	Caboose 53/291
Grand Trunk Western	79065	Caboose 61/316
Grand Trunk Western	79191	Caboose 80/292
Grand Trunk Western	112100	Hopper 61/229
Grand Trunk Western	113876	CovHop 57/293
Grand Trunk Western	145110	Gondola 40/347
Grand Trunk Western	145399 or 599	Gondola 43/213; 46/210, 217
Grand Trunk Western	145738	Gondola 57/208; 61/193
Grand Trunk Western	206400	Reefer 57/118
Grand Trunk Western	305140	Box 74/S3-26
Grand Trunk Western	308042	Box 70/125; 74/S3-25
Grand Trunk Western	375609	Box 92PD
Grand Trunk Western	378001	Box 66/113
Grand Trunk Western	47669	Gondola 74/S3-54
Grand Trunk Western	515668	Box 53/75
Grand Trunk Western	516796	Box 61/84
Grand Trunk Western	583699	Auto 31/131
Grand Trunk Western	585207	Auto 49/359; 53/347
Grand Trunk Western	591599	Auto 43/143; 46/141; 49/111; 53/98, 101;
Grand Trunk Western	594816	Box 57/97
Grand Trunk Western	595270	Box 49/105
Grand Trunk Western	596377	Box 61/99
Grand Trunk Western	616542	Flat 57/127; 61/131; 66/263
Grand Trunk Western	616649	Flat 61/125; 66/260; 70/273
Grand Trunk Western	616853	Flat 66/259; 70/275
Great Northern	?	Exp.Reefer 16/268D
Great Northern	?	Exp.Reefer 37/198,199D
Great Northern	?	Ore 03/7D; 06/443D
Great Northern	?	Ore 09/509D
Great Northern	?	Ore 12/315D
Great Northern	?	Stock, 60' 70/142PD
Great Northern	2116	ExpReg 43/189; 46/187
Great Northern	2500	Box, aluminum 46/127, 132; 49/107; 53/97
Great Northern	3000	Auto 57/369
Great Northern	11099	Box 49/94
Great Northern	11876	Box 57/107
Great Northern	35283	Box 57/97
Great Northern	44401	Box 49/309
Great Northern	46515	Box 43/124; 46/122
Great Northern	50762	Box 40/125
Great Northern	61001	TOFC61/146; 66/308
Great Northern	61527?	TOFC70/311
Great Northern	66001	Flat 46/191,199
Great Northern	67000	Flat 28/190; 31/203; 37/213
Great Northern	71096	CovHop 53/53/246
Great Northern	73795	CovHop 49/102
Great Northern	73976	CovHop 49/235
Great Northern	74500	Gondola 53/315
Great Northern	75099	Gondola 46/246; 49/179; 53/178
Great Northern	75899	Gondola 43/235; 46/239
Great Northern	76299	Gondola 22/966; 40/239
Great Northern	78801	Gondola 66/152, 153
Great Northern	78965	Gondola 66/135; 70/148
Great Northern	79016	Gondola 57/208; 61/193
Great Northern	86672	Ore 28/269; 31/296; 37/320
Great Northern	88273	Ore 22/186, 25225; 28/266, 267; 31/295
Great Northern	89000	Ore 25/223
Great Northern	90589	Ore 40/340, 281
Great Northern	91000	Ore 40/289
Great Northern	91749	Ore 12/36
Great Northern	92579	Ore 43/283; 46/281; 49/229
Great Northern	92673	Ore 49/199; 53/187
Great Northern	95300	Ore 57/265; 61/251
Great Northern	95500	Dump28/430, 431 to 43/510
Great Northern	100095	Tank 66/245; 70/248
Great Northern	105204	Box 12/11; 16/207; 19/271
Great Northern	160537?	Pulp 70/286PD
Great Northern	172000	CovHop 70/344
Great Northern	174000	Wood chip 70/162PD
Great Northern	17-054?	CovHop 70/213
Great Northern	295615	Tank 25/267; 28/299
Great Northern	904654	Ore 37/301, 314
Great Northern	X30	Cab 61/319; 66/255
Great Northern	X32	Cab 61/314, 315
Great Northern	X54	Cab 66/255; 70/261PDS
Great Northern	X116?	Cab 70/264PD
Great Northern	X248	Cab 57/319
Great Northern	X270	Cab 49/277
Great Northern	X1040	Tank 12/83; 16-228
Great Northern	X1364	Tank 43/345; 46/353
Great Northern	X1509	Rotary snow plow 61/450
Great Northern	X1510	Snow plow rotary 31/445; 37/521; 43/502; 46/544
Great Northern	X1678	Snow dozer 43/501; 46/544
Great Northern	X1849	weed killer 46/523; 49/440
Great Northern	X7003	Dump57/458; 61/442
Great Northern	X7052	Ballast 70/422PD
Great Northern	?	Ballast plow car 1895/42
Green Bay & Western	90	80/107
Green Bay & Western	1744	Box 74//S3-10
Green Bay & Western	4041	Box 74/S3-103
Green Bay & Western Refrigerator Line	WRX	9353 31/check reefer section
Groveton Lufkin & Northern	500	Log 28/1228; 37/1231
Gulf Mobile & Northern	20141	Box 40/122; 43/118
Gulf Mobile & Northern	A1257	Dump 28/430
Gulf Mobile & Ohio	?	Pulp 57/158D
Gulf Mobile & Ohio	?	Pulp frame 53/309
Gulf Mobile & Ohio	2950	Cab 66/249
Gulf Mobile & Ohio	3451	Pulp 70/287
Gulf Mobile & Ohio	5005	Auto 49/114
Gulf Mobile & Ohio	5074	Box 43/115; 46/123
Gulf Mobile & Ohio	6511	Box 37/121
Gulf Mobile & Ohio	9047	Auto 53/99
Gulf Mobile & Ohio	13011	Gondola 46/211
Gulf Mobile & Ohio	14145	Gondola 53/159
Gulf Mobile & Ohio	62185	Hopper 57/270; 61/254
Gulf Mobile & Ohio	72000	Flat 53/133
Gulf Mobile & Ohio	74000	Pulp 57/163
Gulf Mobile & Ohio	74827	Pulp 70/286PD
Gulf Mobile & Ohio	79000	Flat 57/149PD
Gulf Mobile & Ohio	80800	CovHop 61/265
Gulf Mobile & Ohio	82745	Hopper 70/200PD
High Point Thomasville & Denton	400	Box 31/126
Hocking Valley	29500	Gondola 09/81; 12/45, 319
Illinois Central	?	Caboose 03/89D, 90D; 06/506D
Illinois Central	?	Caboose 09/577D
Illinois Central	?	Diesel instruction car 53/460D
Illinois Central	?	Diesel instruction car floor plan 61/444; 66/475PD
Illinois Central	?	Gondola, 93 ton 70/157PD
Illinois Central	?	Reefer 03/47D; 12/374D
Illinois Central	?	Stock 03/55; 06/292D
Illinois Central	?	Stock 09/348-350D
Illinois Central	?	Welded rail carrying cars 66/477; 70/415
Illinois Central	1020	Pulp 70/279

Illinois Central	4787	Pulp	53/4787
Illinois Central	4789	ExpRef	49/309
Illinois Central	8501	Caboose	70/270PD
Illinois Central	9760	Caboose	43/335; 46/337
Illinois Central	9800	Box	31/122
Illinois Central	11026	Box	70/95PD
Illinois Central	11582	Box	70/104PD
Illinois Central	15463	Box	70/90PD; 74/S3-24PD
Illinois Central	17902	Box	40, 42943/419
Illinois Central	18862	Box	40/128; 43/119
Illinois Central	21036	Hopper	31/265
Illinois Central	30387	Stock	16-230
Illinois Central	31171	Box	49/339
Illinois Central	31502	Stock	19/344, 345; 22/201, 25/131
Illinois Central	33682	Box	43/132, 133; 46/130
Illinois Central	37499	Box	43/347
Illinois Central	37526	Box	70/97PD
Illinois Central	44282	Box	70/116PD
Illinois Central	51000	Reefer, aluminum	49/138; 53/122
Illinois Central	55328	Reefer	06/14, 252; 09/16, 305
Illinois Central	56434	CovHop	70/244PD
Illinois Central	60001	Flat	61/169
Illinois Central	61078	Flat	37/207
Illinois Central	61078	Flat	31/201
Illinois Central	62519	Flat	43/191; 46/190
Illinois Central	63234	Pulp	46/207; 49/155
Illinois Central	63399	Pulp	66/267
Illinois Central	66700	Hopper, aluminum	49/221
Illinois Central	66831	Hopper	70/195PD
Illinois Central	70779	Hopper	49/196
Illinois Central	72217	Hopper	46/268
Illinois Central	73600	Hopper	49/204; 53/202; 57/238
Illinois Central	78113	Hopper	70/188PD
Illinois Central	79622	Cov Hop	46/303
Illinois Central	81900	Hopper	61/235
Illinois Central	82228	Hopper	61/229
Illinois Central	85204	Gondola	40/229; 43/229, 230, 239; 46/240-241
Illinois Central	97276?	Gondola, coils	70/168PD
Illinois Central	99980	Gondola	66/152
Illinois Central	120841	Gondola	16/218; 19/312; 22/152
Illinois Central	151500	Box	19/264
Illinois Central	163200	Auto	31/142
Illinois Central	166199	Auto	40/142; 43/139
Illinois Central	171500	Box	16/206
Illinois Central	176399	Box	28/385
Illinois Central	205700	Gondola	25/175
Illinois Central	209213	Gondola	25/272
Illinois Central	219560	Hopper	40/257; 43/263
Illinois Central	400629	Gondola	28/272
Illinois Central	X7807	Dump	31/442; 37/518; 40/510
Illinois Central	Welded track laying train		61/446; 74/S-5-4
Illinois Central Gulf	199460	Caboose	74/S3-229
Illinois Central Gulf	245192	Gondola	74/S3-51PD
Illinois Central Gulf	360401	Hopper	74/S3-89
Illinois Central Gulf	361935	CovHop	74/S3-111
Illinois Central Gulf	680063	Box	74/S3-33
Illinois Central Gulf	765359	CovHop	64/S3-106PD
Illinois Terminal	1650	CovHop	74/S3-108
Illinois Terminal	7813	Box	74/S3-44
Illinois Terminal	?	CovHop	80/201
International Great Northern	54099	Stock	43/155; 49/124, 125; 53/113
J. G. R.	1200	Fruit box	03/2
Kanawha & Michigan	?	Gondola	19/309D; 22/154D
Kanawha & Michigan	7500	Gondola	12/adv. page 16; 19/316; 16/1040
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Kansas City Southern	950	Fuel oil storage car	57/471
Kansas City Southern	20611	Auto	37/146, 147; 40/138, 139
Kansas City Southern	20809	Auto	37/147; 40/139; 43/144; 46/139
Kansas City Southern	24000	Pulp	40/210; 43/206; 46/208; 49/155; 53/148
Kansas City Southern	29000	Gondola	37/235; 40/272, 273
Kansas City Southern	29021	CovHop	49/244
Kansas City Southern	29749	CovHop	57/286
Kansas City Southern	256667	Box	57/101
Kansas City Terminal	?	Flanger	12/220; 19/438
Lake Shore & Michigan Southern	?	Gond.hopper	06/379D
Lake Shore & Michigan Southern	?	Hop.Gond	09/440D
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Lake Shore & Michigan Southern	67342	Auto	12/14
Lake Shore & Michigan Southern	96911	Coke	12/28; 19/290
Lake Shore & Michigan Southern	D1580	Side dump	1895/8
Lake Shore & Michigan Southern	D14524	Gondola	1895/7
Lake Shore & Michigan Southern	D36172	Flat sliding loader	09/247
Lake Shore & Michigan Southern	D38000	Gondola	
Lake Shore & Michigan Southern	D50000	Ballast	03/11; 06/60; 09/80
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Lake Superior & Ishpeming	7139	Ore	49/234; 53/243
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Lehigh & New England	10298	Gondola	37/231
Lehigh & New England	12188	Cement	40/286PD
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Lehigh & New England	13283	Hopper	40/250
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Lehigh Valley	10049	Flat	53/133
Lehigh Valley	12900	Hopper	49/198; 53/198
Lehigh Valley	14001	Hopper	43/252
Lehigh Valley	16142	Hopper	03/9; 06/43
Lehigh Valley	25000	Hopper	40/256
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New York New Haven & Hartford C635 Caboose 49/279
New York New Haven & Hartford Wreck train floor plans 43/490
New York Ontario & Western 13`100 Gondola 1895/7
New York Ontario & Western ? Box 36' 06/230D; 09/279D
New York Ontario & western ? Milk, 45' 1895/57D
New York State Rys Portable sub station #2 12/216
New York West Shore & Buffalo ? Box 30' 1884//fig. 97 & 98;
New York West Shore & Buffalo ? Wedge snow plow 1884/fig. 81
Newburgh & South Shore 1200 Gondola 43/207, 349; 46/216; 49/158;
Newburgh & South Sohre 1320 Gondola 49/161
Newburgh & South Shore 5026 Gondola 53/150
Newfoundland Ry 51 Box 40/1256
Newfoundland Ry (Anglo N. Dev. Co) 10 Box 40/1246; 43/1217; 66/1279
Newfoundland Ry (Anglo N. Dev. Co) 12 Flat 40/1247; 49/1139; 66/1288
Newfoundland Ry (Anglo N. Dev. Co) 100 Dump 40/1143; 43/1221; 66/1283
Norfolk & Western ? Hopper, 28' 1895/66
Norfolk & Western ? Hopper 03/77D; 16/297D
Norfolk & Western 289 Caboose, 4 wheel 1895/12
Norfolk & Western 500 Reefer 19/354; 22/220-221, 25/162; 28/173; 3`1/179
Norfolk & Western 1500 Hopper 49/215
Norfolk & Western 2858 Pulp 70/283
Norfolk & Western 4926 Scoop side car 16/265 thru 1937
Norfolk & Western 4800 Box 46/117
Norfolk & Western 7001 Hopper 19/294, 29522/176-177
Norfolk & Western 7884 Hopper 25/274
Norfolk & Western 9099 Hopper 25/217; 28/236, 238; 31/269
Norfolk & Western 11000 Hopper 22/415
Norfolk & Western 12000 Hopper 66/158-159
Norfolk & Western 13182 Hopper 43/258; 46/265; 49/201; 53/201
Norfolk & Western 15500 Hopper 53/228
Norfolk & Western 16106? Supply car 37/527
Norfolk & Western 16406 Stores Dept 25/1019 thru 46/547
Norfolk & Western 20000 Hopper 28/275
Norfolk & Western 21010 Box 1895/3
Norfolk & Western 22000 Hopper 37/266, 267
Norfolk & Western 24723 Hopper 40/340
Norfolk & Wesrern 30092 Flat 1895/6
Norfolk & Western 31408 Hopper 70/182-183; 74/S3-104-105
Norfolk & Western 32704 Flat 66/263; 70/275PD
Norfolk & Western 32850 66/276
Norfolk & Western 34000 Hopper 57/242, 249; 61/214, 215, 254

Norfolk & Western	34001	Hopper	57/256, 257; 61/222, 223
Norfolk & Western	38288	Hopper	40/243; 43/250, 251; 46/258-259
Norfolk & Western	41090	Gondola	1895/7, 65
Norfolk & Western	41892	Hopper	66/157
Norfolk & Western	43000	Box	49/94
Norfolk & Western	44500	Box	53/92
Norfolk & Western	45001	Gondola	03./10; 06/48
Norfolk & Western	47299	Box	40/132, 354
Norfolk & Western	47500	Box	46/441
Norfolk & Western	48000	Box	43/128
Norfolk & Western	49200	Box	40/142; 43/139
Norfolk & Western	50334	Box	49/359
Norfolk & Western	52000	Box	37/324
Norfolk & Western	52200	Auto	40/152, 433; 43/423
Norfolk & Western	52350	Auto	43/145; 46/146
Norfolk & Western	54000	Box	57/367
Norfolk & Western	56490	Box	66/98
Norfolk & Western	56504	Box	66/369
Norfolk & Western	56700	Box	66/92
Norfolk & Western	56941	Box	74/S3-26PD
Norfolk & Western	57078	Hopper	09/23, 58
Norfolk & Western	67990	Box	1925? Between P.119 & 126; 28/125
Norfolk & Western	70101	Flat, depressed	70/291PD
Norfolk & Western	70200	Cement	37/302, 303; 40/292, 293
Norfolk & Western	70210	Cov Hop	46/302
Norfolk & Western	70220	CovHop	43/294, 295; 46/300-301
Norfolk & Western	70296	CovHop	43/292, 293;
Norfolk & Western	70564	Hopper	22/158-159; 19/276, 277;28/255;31/271
Norfolk & Western	70688	Cont.Gond.	66/148
Norfolk & Western	70678	Gondola	61/208
Norfolk & Western	70688	ContainerGondola	70/164PD; 74//74/S3-54
Norfolk & Western	70699?	Gondola	46/221
Norfolk & Western	70700	CovHop	49/235; 53/246
Norfolk & Western	70900	CovHop	49/151, 244; 53/260
Norfolk & Western	70999	Flat	49/152; 53/143; 57/151; 61/177; 66/279PD
Norfolk & Western	71521	CovHop	61/274
Norfolk & Western	71700	CovHop	66/149, 230PD; 70/165
Norfolk & Western	72180	Gondola	66/150; 70/163PD
Norfolk & Western	72201	Gondola	61/209
Norfolk & Western	73233	CovHop	57/295
Norfolk & Western	76000	Hopper	66/175; 70/187
Norfolk & Western	76154	Hopper	12/adv. page 15; 19/282, 283
Norfolk & Western	78000	Hopper	43/264; 46/273
Norfolk & Western	80000	Hopper	53/189
Norfolk & Western	87000	Hopper	49/188, 189
Norfolk & Western	87038	Hopper	31/269
Norfolk & Western	89000	Gondola	53/161; 57/173
Norfolk & Western	91500	Gondola	66/142; 70/149PD; 74/S3-50PD
Norfolk & Western	95899	Gondola	28/200; 31/235
Norfolk & Western	99000	Gondola	43/246; 46/233
Norfolk & Western	99856	Gondola	40/237
Norfolk & Western	100629	Gondola	16/220, 324; 19/306; 22/134
Norfolk & Western	101393	Gondola	19/306
Norfolk & Western	101750	Gondola	22/134-35; 25/181; 28/211, 212; 31/207, 208; 37/251
Norfolk & Western	118912	Hopper	74/S3-91
Norfolk & Western	170000	Gondola coal steel\	74/S3-62
Norfolk & Western	170423	Bulkhead flat	74/S3-168
Norfolk & Western	172000	CovHop	70/215PD
Norfolk & Western	177000	CovHop	74/114PD
Norfolk & Western	188006	Gondola	74/S3-58PD
Norfolk & Western	281400	Box	74/S3-20
Norfolk & Western	355903	Box	66/106; 70/120; 74/S3-34PD
Norfolk & Western	514156	Dump	43/505; 46/535
Norfolk & Western	514757	Scale test car	74/S3-5
Norfolk & Western	515846	Caboose	61/323
Norfolk & Western	518394	Caboose	28/321; 31/328
Norfolk & Western	518407	Caboose	43/329
Norfolk & Western	518500	Caboose	70/265PD
Norfolk & Western	518525	Caboose	70/263
Norfolk & Western	555061	Caboose	80/294
Norfolk & Western	601179	Box	70/179
Norfolk & Western	603530	Box	74/S3-18PD
Norfolk & Western	605000	Box	74/S3-38
Norfolk & Western	861267	Box	74/33
Norfolk & Western	TTX 912050	Gondola	66/152
Norfolk & Western	?	Wrecker, 200 ton	49/425
Norfolk & Western	?	Wrecker, 250 ton	53/461
Norfolk Southern	671	Bulkhead flat	74/S3-168
Norfolk Southern	10340	Flat	19/330
Norfolk Southern	10804	Pulp	57/169
Norfolk Southern (2nd)	5221	CovHop	70/125
Norfolk Southern	469158	Box	97/29
Norfolk Southern	460284	Box	97/30
Norfolk Southern	ETTX 852139	Rack	97/18
Norfolk Southern	?	Flat, depressed	97/139
Norfolk Southern	?	Flat, depressed	97/145
Norfolk Southern	?	Flat, 195 ton	97/149
Norfolk Southern	Triple Crown road railer		97/250-252
Northern Illinois RR (Metro)	2500	Hopper	97/56
Northern Pacific	?	Exp. Ref	16/345
Northern Pacific	?	Stock	03/56D, 57D; 06/295D; 09/352D
Northern Pacific	?	Stock, double deck	06/299D; 12/368D
Northern Pacific	?	Camp car	70/421PD
Northern Pacific	-19700	Wood chip	70/161PD
Northern Pacific	41	Snow plow rotary	31/445
Northern Pacific	276	Dynamometer	37536 hru 61/456
Northern Pacific	609	Reefer	66/121
Northern Pacific	1491	Box	70/95PD
Northern Pacific	1550	Reefer	16/236
Northern Pacific	1650	Exp.Reef	19/352, 353; 22/226-227
Northern Pacific	2200	Exp.Reef	28/183; 31/185; 37/201; 40/197
Northern Pacific	5300	Box	70/101PD
Northern Pacific	5474	Auto	28/113
Northern Pacific	7104	Box	61/90
Northern Pacific	7958	Hopper	70/186PD
Northern Pacific	8297	Box	61/73
Northern Pacific	14724	Box, fruit	1895/3
Northern Pacific	17397	Bx	22/118-19
Northern Pacific	23756	Box	49/87
Northern Pacific	24078	Box	53/73; 57/73
Northern Pacific	24852	Box	49/342
Northern Pacific	25946	Box	49/94
Northern Pacific	27588	Box	43/119; 46/116
Northern Pacific	28871	Box	46/126
Northern Pacific	29756	Box	46/441
Northern Pacific	31430	Box	53/93; 57/88
Northern Pacific	42580	Box	06/7
Northern Pacific	51200	Flat	43/198
Northern Pacific	51299	Governor	37/243
Northern Pacific	51748	Gondola	40/239; 43/235; 46/239; 49/183; 53/183
Northern Pacific	53299	Gondola	40/239; 43/234; 46/239
Northern Pacific	59050	Gondola	53/151; 57/174
Northern Pacific	61200	Flat	40/205
Northern Pacific	62192	Flat	49/145; 53/132
Northern Pacific	67900	Pulp[	70/287
Northern Pacific	70065	Hopper	37/298; 40/250
Northern Pacific	70222	Hopper	40/250
Northern Pacific	70899	Hopper	46/266
Northern Pacific	73006	Hopper	66/186
Northern Pacific	75475	CovHop	61/265
Northern Pacific	78030	Ore	28/268
Northern Pacific	78399	Ore	53/243
Northern Pacific	83600	Stock	25/137
Northern Pacific	84000	Stock	61/121
Northern Pacific	84200	Stock	66/131
Northern Pacific	85020	Ballast	40/276; 43/276; 46/286
Northern Pacific	86949	Gondola	28/221; 31/245; 37/252
Northern Pacific	89048	Dump	22/187PD
Northern Pacific	90000	Box	03/2; 06/5
Northern Pacific	91072	Reefer	49/129; 53/117
Northern Pacific	94317	Stock	70/141PD
Northern Pacific	101068	Box, 4 door, 60'	22/118
Northern Pacific	419903	CovHop	70/235
Northern Pacific	582521	Wood chip	74/S3-67PD
Northern Pacific	NPMX 156	Reefer	57/115
O. A. R.	3474	Box	97/36
Oklahoma Ry	130	Interurban	12/196
Old Colony	?	Milk	1895/57D
Ontario Northland	103	Caboose	53/297
Ontario Northland	5075	Gondola	70/153
Ontario Northland	140019	Ballast	49/225; 53/234
Ontario Northland	140100	Hopper	49/220
Oregon Short Line	?	Stock	06/288; 09/345D-348; 12/367D
Oregon Short Line	?	Auto	12/10
Pacific Electric	?	Gondola	22/151
Pacific Electric	2700	Box	25/415
Pacific Great Eastern	?	TOFC	66/291; 70/306
Pacific Great Eastern	1369	Flat	57/169
Pacific Great Eastern	6121	Dump	57/335; 61/109
Penn Central	?	FlexiVan Container car, 87'	70/307
Penn Central	24004	Caboose	74/S3-219
Penn Central	221018	Box	74/S3-38PD
Penn Central	278853	Box	70/114PD
Penn Central	281188	Box	74//S3-31 Color pix.
Penn Central	281300	Box	74/S3-26
Penn Central	295148	Box	70/118
Penn Central	483346	Hopper	74/S3-86
Penn Central	576681	Gondola	70/160PD
Penn Central	597953	Gondola	70/160PD
Penn Central	Triple Crown road railer		97/250-252
Pennsylvania	?	Box	16/283, 284D
Pennsylvania	?	Box 28'	1884/fig. 27
Pennsylvania	?	Box 36'	1895/14D (2 designs); 03/38D, 39D; 09/267D
Pennsylvania	?	Box 36'	16/275D; 09/267
Pennsylvania	?	Box 40'	12/271D
Pennsylvania	?	Box class X4	046/149D
Pennsylvania	?	Box Union lLne	1884/fig. 3
Pennsylvania	?	Cab. 4 wheel	1879/199, 238-240; 1884/fig. 45-47, 102-104;
Pennsylvania	?	Caboose	16/385D
Pennsylvania	?	Cattle	1879/228-230
Pennsylvania	?	Coke	06/447D

Pennsylvania	?	Coke	09/513D, 516D
Pennsylvania	?	Coke 40'	12/303D
Pennsylvania	?	Dump	1884/fig. 25, 39
Pennsylvania	?	ExpRef class R50B	43/186, 187; 46/184-185
Pennsylvania	?	Flat	49/287, 288;
Pennsylvania	?	Flat depressed frame	53/304
Pennsylvania	?	Flat depressed 105 ton	31/205; 37/211
Pennsylvania	?	Flat 12 axle 250 ton	57/148PD
Pennsylvania	?	Flat, 70 ton frame	53/304
Pennsylvania	?	Gond. hopper 33'	1884/fig. 31
Pennsylvania	?	Gond.hopper 24'	1884/fig. 29
Pennsylvania	?	Gondola 31'	1884/fig. 35
Pennsylvania	?	Gondola 38'	03/65D; 06/333D; 09/388D
Pennsylvania	?	Gondola 38'	06/344; 09/404D
Pennsylvania	?	Hopper	09/478D
Pennsylvania	?	Hopper 31'	03/81D;
Pennsylvania	?	Hopper bottom	1884/fig. 21 & 37
Pennsylvania	?	Hopper, 4 hopper	16/304D
Pennsylvania	?	Stock, 36'	1895/16
Pennsylvania	?	Stock 28'	1884/fig. 33
Pennsylvania	?	Stock 40'	12/363D
Pennsylvania	?	Stock double deck 25'	1884/ fig. 132-134
Pennsylvania	?	Stock double deck, 32'	1884/136-138
Pennsylvania	?	Double ended wrecker for tunnels	12/210
Pennsylvania	?	Derrick crane car, 15 ton capacity	1895/16
Pennsylvania	32	Wrecker	06/199
Pennsylvania	2500	Milk	22/213, 25/147
Pennsylvania	2727	ExpReefer	31/188, 189; 37/192, 193; 40/188, 189
Pennsylvania	13077	Ore	66/198
Pennsylvania	14000	Ore	61/252
Pennsylvania	21286	Milk, Union Line	02/4; 06/16; 09/19; 12/117
Pennsylvania	21294	Box	61/107
Pennsylvania	28100	Auto	28/116, 119
Pennsylvania	28502	Gond hopper	1884/fig. 18
Pennsylvania	30001	Box	49/74, 359; 53/74
Pennsylvania	32132	Box	61/95,96, 97; 66/94-96
Pennsylvania	34338	Gondola	57/218
Pennsylvania	35883	Box	22/103
Pennsylvania	36990	Auto	49/115, 116; 53/105, 104;
Pennsylvania	37007	Box	49/106; 53/96
Pennsylvania	47340	Cont.	49/273
Pennsylvania	48302	Auto	40//433
Pennsylvania	49502?	Track inspection car ex Pass. car	37/527; 40/523
Pennsylvania	56909	Box	28/116, 117
Pennsylvania	58457	Auto	43/423
Pennsylvania	59882	Auto	37/453
Pennsylvania	60063	Box	53/131
Pennsylvania	60112	Auto	37/138, 139; 40/144, 145
Pennsylvania	61100	Auto	37/136, 137; 40/134, 135
Pennsylvania	64732	Auto	43/137; 46/138
Pennsylvania	65400	Box	40/425; 43/124, 415; 46/122;
Pennsylvania	65922	Box	43/302
Pennsylvania	67400	Hopper	61/220
Pennsylvania	70001	Hopper	06/52/413; 09/68, 478
Pennsylvania	72328	Box	57/72
Pennsylvania	74002	Auto	43/137; 46/138 Class X38
Pennsylvania	76598	Box	1895/2, 47
Pennsylvania	77154	Box	37/445
Pennsylvania	78500	Box	37/126; 40/123
Pennsylvania	81935	Auto	46/441
Pennsylvania	82100	Box	57/94, 96
Pennsylvania	83100	Box	57/103
Pennsylvania	89501	Stock	1895/9
Pennsylvania	96774	Box	03/1; 06/1, 217; 09/1, 268
Pennsylvania	100688	Box	53/95
Pennsylvania	100800	Box	37/119; 40/121
Pennsylvania	104429	Reefer	19/351
Pennsylvania	1101275	Box 86' Hi-cube	66/106, 373
Pennsylvania	112000	Box	66/118, 377
Pennsylvania	118501	Box	49/342
Pennsylvania	119677	Box	49/105
Pennsylvania	128079	Stock	28/2148, 149 thru 43/160, 161; 46/158-159
Pennsylvania	135499	Stock	37/159; 40/156, 157
Pennsylvania	167223	Gondola	03/7; 06/30, 333; 09/39, 388
Pennsylvania	171937	Hopper	28/253
Pennsylvania	173001	Hopper	22/155-15; 28/255, 257; 37/222; 40/222
Pennsylvania	177831	Hopper	43/232; 46/236; 49/???; 53/204;
Pennsylvania	180002	Hopper	19/280, 281; 22/160-161; 28/255, 256
Pennsylvania	180288	Hopper	66/164
Pennsylvania	197484	Hopper roller bearings	31/269
Pennsylvania	220300	Hopper	31/266, 267; 37/286, 287
Pennsylvania	220301	Hopper	43/253; 46/271
Pennsylvania	253530	CovHop	49/244; 53/260
Pennsylvania	254252	CovHop	37/309; 40/297; 43/294, 295; 46/300-301
Pennsylvania	257014	CovHop	57/273
Pennsylvania	257014	Hopper	61/259
Pennsylvania	260874	CovHop	66/203, 205 ; 70/223 Aluminum
Pennsylvania	267317	Hopper	57/243
Pennsylvania	268700	Hopper	57/258
Pennsylvania	269001	Hopper	57/246, 247
Pennsylvania	306001	Gondola	22/133-34, 25/188-181; 28/211; 37/251
Pennsylvania	315694	Gondola	28/203
Pennsylvania	342600	Gondola	49/171, 171, 173;
Pennsylvania	343432	Gondola	43/221; 46/228
Pennsylvania	347000	Gondola	37/225; 40/213; 43/221; 46/228
Pennsylvania	353064	Container	43/324; 46/331; 49/273; 53/287
Pennsylvania	357854	Gondola	43/215; 46/216
Pennsylvania	371604	Gondola	57/204
Pennsylvania	376913	Gondola	53/150
Pennsylvania	377243	Gondola	57/219
Pennsylvania	377450	Gondola	53/166-168;
Pennsylvania	387009	Gond.steel coil	66/151
Pennsylvania	385264	Gondola	61/205
Pennsylvania	385468	Gondola	61/206
Pennsylvania	4_8177	Ballast cleaning car	53/448
Pennsylvania	406299	Coke	12/Adv. page 11
Pennsylvania	425034	Flat	22/12925/172,
Pennsylvania	434445	Flat	19/326
Pennsylvania	435475	Flat	37/211; 40/209; 43/200; 46/204
Pennsylvania	435492	Flat	28/19137/211; 40/209
Pennsylvania	435493	Flat	28/191
Pennsylvania	439048	Gond.	31/224, 22537/224, 225; 40/212, 213
Pennsylvania	441252	Gondola	43/224PD; 46/232;
Pennsylvania	469617	Flat	57/133; 61/129; 66/259
Pennsylvania	470011	Flat, well	43/200; 46/204
Pennsylvania	470061	Flat	43/200; 46/204
Pennsylvania	470090	Flat	40/209; 43/203, 205; 49/153; 53/145
Pennsylvania	470132	Flat	31/199; 37/205; 40/205
Pennsylvania	470200	Flat	40/208; 43/201; 46/201;
Pennsylvania	470207	Flat	43/200; 46/204
Pennsylvania	470236	Flat	53/142; 57/153
Pennsylvania	470245?	Flat	153PD
Pennsylvania	470266	Flat	61/179
Pennsylvania	470271	Flat	61/179
Pennsylvania	470277	Flat	61/179
Pennsylvania	470318	Container	37/357; 40324; 43/323; 46/330; 49/274; 53/283
Pennsylvania	473105	Flat	37/209; 40/201
Pennsylvania	473409	Container	43/327; 46/331; 53/287
Pennsylvania	474265	Flat	43/192, 193, 195;46/195, 197; 49/149, 150;
Pennsylvania	475300	Flat	53/136, 137
Pennsylvania	477267	Caboose	40/333
Pennsylvania	477618	Caboose	31/331; 37/365
Pennsylvania	477830	Caboose	43/341; 46/346; 49/284
Pennsylvania	478120	Caboose	53/268
Pennsylvania	479248	Flat 250 tons, 32 wheels?	53/142PD
Pennsylvania	486494	Caboose 4 wheel	12/120, 382
Pennsylvania	486751	Caboose	19/386, 369, 370; thru 28/326, 327, 318
Pennsylvania	489937	Dump	19/322
Pennsylvania	490348	Flat	25/172
Pennsylvania	490349	Wreck car	19/326; 22/129
Pennsylvania	490386	Scale test car	19/440 thru 37/522
Pennsylvania	490500	250 ton wrecker	46/527
Pennsylvania	490900	Wrecker	49/429
Pennsylvania	495534	Snow Sweeper	19/440; 22/1000; 25/1015
Pennsylvania	495601	Clearance	22/1014 thru 49/440;
Pennsylvania	497125	Clearance #3	53/447; 66/485
Pennsylvania	499211	Rail grinder train	53/448
Pennsylvania	500860	Auto	19/27422/112
Pennsylvania	518160	Box	16/1036
Pennsylvania	586689	Box	31/115
Pennsylvania	602000	Box	53/85
Pennsylvania	616731	Gondola	61/188
Pennsylvania	619646	Gondola	61/186
Pennsylvania	666166	Hopper	61/228
Pennsylvania	669195	Hopper	61/213
Pennsylvania	677216	Hopper	31/267; 37/287; 40/271
Pennsylvania	77xxxx	Flat 250 ton	61/174PD
Pennsylvania	822505	Gondola	12/54; 19/308
Pennsylvania	855345	Gondola	06/26
Pennsylvania	870600	Gondola	22/965
Pennsylvania	911158	Hopper	12/27
Pennsylvania	999079	Dump	22/188
Pennsylvania	?	Track ballast sweeper	57/464
Pennsylvania	?	Air brake instruction	22/1006; 25/1027
Pennsylvania	?	Scale test car	43/522
Pennsylvania	?	Wrecker tunnels	22/977; 25/997
Pere Marquette	16691	Flat	43/346
Pere Marquette	18400	Gondola	37/230, 231; 40/218, 218
Pere Marquette	18948	Gondola	46/351
Pere Marquette	20049	Cov Hop	46/296
Pere Marquette	72142	Auto	43/151; 46/145
Pere Marquette	72262	Auto	49/114
Pere Marquette	84000	Box	40/349; 43/353
Pere Marquette	85300	Auto	22/966
Pere Marquette	88700	Auto	28/273
Pere Marquette	89399	Auto	31/127
Pere Marquette	90991	Auto	37/150; 40/140
Pere Marquette	93162	Auto	37/331
Pere Marquette	93499	Auto	43/136
Pere Marquette	A409	Caboose	03/17; 06/87; 09/122
Pere Marquette	A800	Caboose	37/370
Pere Marquette	A901	Caboose	40/334

Pere Marquette	MD 150	Dump	28/437; 31/442
Philadelphia & Reading	?	Box	16/290D
Philadelphia & Reading	?	Gondola	06/348
Philadelphia & Reading	?	Gondola 34'	09/408D
Philadelphia & Reading	?	Hopper 22'	1884/fig. 109-112;
Philadelphia & Reading	6050	Gondola	09/53; 12/55
Philadelphia & Reading	14499	Box	03/1; 06/2
Philadelphia & Reading	24507	Gondola	03/7; 06/29. 348; 09/42, 408
Philadelphia & Reading	25000	Gondola	09/51
Philadelphia & Reading	60600	Hopper Gond	03/8; 06/39; -9/50
Philadelphia & Reading	78499	Hopper	19/282
Philadelphia Wilmington & Baltimore	4582	Flat	06/22; 09/30
Piedmont & Northern	8550	Dump	31/437
Pittsburgh & Lake Erie	?	Flat 75 ton	12/346; 16/334D
Pittsburgh & Lake Erie	?	`Flat 100 ton	12/348D; 19/327D16/331D; 22/125
Pittsburgh & Lake Erie	?	Flat	09/370
Pittsburgh & Lake Erie	?	Flat 30'	06/313
Pittsburgh & Lake Erie	617	Flat	66/229, 260
Pittsburgh & Lake Erie	825	Hopper	66/164
Pittsburgh & Lake Erie	1-98	Gondola	74/S3-53
Pittsburgh & Lake Erie	2000	Gondola	49/171; 53/171; 57/207
Pittsburgh & Lake Erie	3000	Hopper	49/200
Pittsburgh & Lake Erie	3901	Gondola	03/6
Pittsburgh & Lake Erie	13006	Gondola	61/187
Pittsburgh & Lake Erie	15000	Gondola	61/187
Pittsburgh & Lake Erie	30399	Box	43/115
Pittsburgh & Lake Erie	33199	Box	16/207, 291; 19/266, 267
Pittsburgh & Lake Erie	40000	Gondola	46/221
Pittsburgh & Lake Erie	42300	Flat, coil steel	70/294-295; 74/S3-60-61
Pittsburgh & Lake Erie	42900	Flat, coilsteel	70/294-295
Pittsburgh & Lake Erie	42837	Gondola	12/52
Pittsburgh & Lake Erie	68200	Hopper	57/225, 248
Pittsburgh & Lake Erie	7500	Hopper	37/330
Pittsburgh & Lake Erie	S48227	Gondola	40/326; 43/321;46/328; 53/283
Pittsburgh & Lake Erie	S57499	Hopper	28/251, 252; 31/277
Pittsburgh & Lake Erie	X100041	Dump	31/435; 37/515
Pittsburgh & Moon Run	9139	Gondola	06/37; 09/46
Pittsburgh & Shawmut	163	Caboose	22/282; 25/277
Pittsburgh & Shawmut	7040	Hopper	66/162
Pittsburgh & West Virginia	850	Caboose	53/290PD
Pittsburgh Bessemer & Lake Erie:	5501	Hopper	03/10;
Pittsburgh Bessemer & Lake Erie	Gondola 36'	03/70;	
Pittsburgh Fort Wayne & Chicago	10012	Cattle	09/109; 12/90
Pittsburgh Fort Wayne & Chicago	2229	Coke	1895/6
Pittsburgh McKeesport & Youghiogheny	18264	Coke	09/78
Pittsburgh McKeesport & Youghiogheny	88-90?	37/494; 40/438; 43/428; 46/448	
Pittsburgh McKeesport & Youghiogheny	83400	37/459; 40/439; 43/429; 46/449	
Pittsburgh Shawmut & Northern	187	Caboose	16/241, 352; 19/372
Port Huron & Detroit	51	Caboose	53/289; 57/328
Providence & Worcester	428	Box	80/116PD
Pullman RR	501	Box	37/125, 326; 40/359; 43/357; 46/363
Pullman RR	1500	Box	37/327; 43/352
Pullman RR	1500	Reefer	37/184; 40/175; 43/181; 46/179, 358
QuebecNorth Shore & Laborador	2	Snow plow	543/279
Quebec North Shore & Laborador	40	Caboose	53/279
Quebec North Shore & Laborador	62	Caboose	61/311
Quebec North Shore & Laborador	2000	Ore	53/244, 245
Quebec North Shore & Laborador	3199	Ore	53/1069
Reading	?	Flat,depressed	43/373; 49/287D
Reading	19829	Box	70/101PD
Reading	30045	Gondola	31/241; 37/219
Reading	31327	Gondola	57/171; 61/185
Reading	32939	Gondola	46/221
Reading	79730	CovHop	57/274
Reading	79800	CovHop	57/277
Reading	80326	Hopper	43/262; 46/255, 270
Reading	81089	Hopper	49/215
Reading	86008	Hopper	57/227
Reading	91455	Dump	31/437, 436; 37/150; 40/337, 512, 514
Reading	92830	Caboose	37/367; 43/338
Reading	101199	Box	31/113; 37/122
Reading	105351	Box	49/105
Reading	107500	Box	49/83
Reynoldsville & Falls Creek	2	Caboose	03/16; 06/76; 09/118
Richmond Fredericksburg & Potomac	904	Caboose	74/S3-225
Richmond Fredericksburg &Potomac	2101	Box	74/S3-32PD
Rio Grande Western	3237	Cattle	03/14; 06/76; 09/108
Roberval & Saguenay	662	Gondola	43/229; 46/241
Roberval & Saguenay	950	Hopper, alum.	49/220
Roberval & Saguenay	1004	Box, alum.	49/90
Roberval & Saguenay	1418	Hopper aluminum	57/242
Roberval & Saguenay	1500	Box, alum.	53/86
Roberval & Saguenay	2001	Hopper, air flo	61/279
Roscoe Snyder & Pacific	7	Caboose	53/289; 57/320
Roscoe Snyder & Pacific	1302	Box	70/131PD
Rutland	378	Box	57/78
Saginaw Tuscola & Huron RR	95	Flat?	1895/5
Saint Clair Terminal RR	26	Flat	06/21
Saint Louis Brownsville & Mexico	1282	06/207	
Saint Louis Brownsville & Mexico	11050	Gondola	28/193; 31/225; 37/247; 40/219
Saint Louis Brownsville & Mexico	20814	Auto	46/137
Saint Louis Iron Mountain & Sou.	51399	Stock	12/94; 22/198, 203, 25/132, 136; 28/154, 155
Saint Louis San Francisco	?	Box 40'	19/258D, 259D
Saint Louis San Francisco	200	Caboose	57/321, 322, 323
Saint Louis San Francisco	2012	Flat	57/133; 61/129
Saint Louis San Francisco	3003	Auto rack	61/141
Saint Louis San Francisco	3053	Auto rack	61/141
Saint Louis San Francisco	11979	Box	74/S4-27
Saint Louis San Francisco NIRX	14006	Box	66/385
Saint Louis San Francisco	15573	Box	80/110
Saint Louis San Francisco	19817	Box	66/371
Saint Louis San Francisco	40005	Box	61/101
Saint Louis San Francisco	44039	Box	74/S3-10
Saint Louis San Francisco	51101	CovHop	66/201
Saint Louis San Francisco	52100	Box	74/s#-25
Saint Louis San Francisco	54007	Reefer	61/111
Saint Louis San Francisco	55098	Gondola	53/151
Saint Louis San Francisco	61000	Gondola	49/103
Saint Louis San Francisco	61624	Gondola	57/201
Saint Louis San Francisco	64085	Gondola	61/189
Saint Louis San Francisco	79501	Hopper	74/S3-118PD
Saint Louis San Francisco	82260	CovHop	57/294
Saint Louis San Francisco	83733	CovHop	49/242; 53/253
Saint Louis San Francisco	85016	CovHop	66/232
Saint Louis San Francisco	85034	Gondola	46/219
Saint Louis San Francisco	85380	CovHop	70/226
Saint Louis San Francisco	87538	Hopper	74/S3-83
Saint Louis San Francisco	90249	Hopper	49/213
Saint Louis San Francisco	90668	Hopper	49/219
Saint Louis San Francisco	90899	Hopper	53/217
Saint Louis San Francisco	91735	Hopper	57/227
Saint Louis San Francisco	92399	Hopper	57/245
Saint Louis San Francisco	96600	Dump	31/299
Saint Louis San Francisco	97038	Ballast	74/S3-78; 74/S5-10
Saint Louis San Francisco	126844	Stock	16/232
Saint Louis San Francisco	126887	Box	16/206, 19/266; 285, 286
Saint Louis San Francisco	128522	Box	37/460
Saint Louis San Francisco	129534	Box	37/460
Saint Louis San Francisco	148234	Box	28/107
Saint Louis San Francisco	700004	Box, insulated	74/S3-207
Saint Louis San Francisco TTKX	909167	Closed Auto rack	74/S3-173
Saint Louis Southwestern	1	Caboose	61/316
Saint Louis Southwestern	20089	Box	43/132, 432
Saint Louis Southwestern	32499	Box	28/379
Saint Louis Southwestern	46449	Box	49/108
Saint Louis Southwestern	60917	Box	74/S4-37
Saint Louis Southwestern	63394	Box	74/S3-15
Saint Louis Southwestern	7xxx4	CovHop	46/296; 49/246
Saint Louis Southwestern	73831	CovHop	74/S3-140PD
Saint Louis Southwestern	77903	CovHop	70/226
Saint Louis Southwestern	79705	CovHop	66/223, 224
Saint Louis Southwestern	80300	5 unit stac pac tri level car	74/S3-175
Saint Louis Southwestern	82809	TOFC	61/146; 66/308
Saint Louis Southwestern	85579	Flat	70/119, 273
Saint LouisSouthwestern	88203	Bulkhead flat	80/256
Saint Paul Union Terminal	?	Snow plow	49/452
Saint Paul Union Terminal	?	Snow melter	46/545; 49/452
Seaboard Air Line	5305	Caboose	28/319
Seaboard Air Line	5700	Caboose	66/249
Seaboard Air Line	8051	Hopper	43/346
Seaboard Air Line	15747	Box	31/123; 37/120; 40/122; 43/118
Seaboard Air Line	16458	Box	66/92
Seaboard Air Line	22450	Box	49/99, 109
Seaboard Air Line	23287	Box	49/219
Seaboard Air Line	30570	CovHop	61/264
Seaboard Air Line	30873	CovHop	66/214
Seaboard Air Line	35044	CovHop	66/203
Seaboard Air Line	36248	Hopper	66/189
Seaboard Air Line	37550	Hopper	46/272
Seaboard Air Line	40215	Hopper	61/220
Seaboard Air Line	47099	Flat	46/191
Seaboard Air Line	47289	Flat	46/190; 49/147; 53/135; 57/131
Seaboard Air Line	47502	Flat	61/172
Seaboard Air Line	53205	Caboose	31/330; 37/364
Seaboard Air Line	56201	Hopper	09/63; 12/19; 16/209; 19/292
Seaboard Air Line	57600	Hopper	57/223
Seaboard Air Line	58071	CovHop	37/311, 327; 40/300, 351; 43/297; 43/361; 46/304; 49/247
Seaboard Air Line	59273	CovHop	53/255
Seaboard Air Line	71715	Dump	46/542
Seaboard Air Line	79361	Box ventilated	31/150
Seaboard Air Line	79499	Box ventilated	25/126; 28/139; 31/150
Seaboard Air Line	91257	Gondola	49/165; 53/159
Seaboard Air Line	95674	Gondola	61/183; 66/134
Seaboard Air Line	96099	Gondola	31/223; 37/215
Seaboard Air Line	99800	Gondola	25/198
Seaboard Coast Line	10811	Box	70/94PD
Seaboard Coast Line	20151	Box	70/100PD
Seaboard Coast Line	24522	Box	74/S3-12
Seaboard Coast Line	24850	Box	74/S3-8
Seaboard Coast Line	40978	Box	74/S3-8

Seaboard Coast Line	99189	Box	74/S3-21PD
Seaboard Coast Line	99350	Box	80/92PD
Seaboard Coast Line	-02492	Gondola	74/S3-53
Seaboard Coast Line	109101	Flat, 200 tons	74/S3-169
Seaboard Coast Line	150148	Gondola	70/173PD
Seaboard Coast Line	153073?	Wood Chip	70/201PD
Seaboard Coast Line	180000	Wood Chip	Gondola 158PD
Seaboard Coast Line	185540?	74/S3-97PD	
Seaboard Coast Line	195540?	Hopper	74/S3-90PD
Seaboard Coast Line	196275	Wood chip	84/131
Seaboard Coast Line	201019	CovHop	74/S3-120PD
Seaboard Coast Line	201163	CovHop	74/S3-139
Seaboard Coast Line	240057	CovHop	74/S3-108
Seaboard Coast Line	241014	CovHop	74/S3-106PD
Seaboard Coast Line	411034	Pulp	70/285
Seaboard Coast Line	421241	CovHop	70/220PD
Sebopard Coast Line	610603	74/S3-121PD	
Seaboard Coast Line	7310806?	Gondola	74/S3-51PD
Seaboard Coast Line	835110	CovHop	70/220PD
Seattle & San Francisco Ry & Nav. Co	49	Gondola	03/8
Sheandoah Valley	3089	Stock	1884/fig. 6
Soo Line	66	Caboose	74/S3-224
Soo Line	6473	Gondola	66/148, 149
Soo Line	17252	Box	70/104PD
Soo Line	18820	Box	74/S3-12PD
Soo Line	54551	Flat	66/311
Soo Line	60487	Hopper	70/180PD
Soo Line	60831?	Hopper	74/S3-89
Soo Line	63006	Gondola	70/158PD
Soo Line	63119	Gondola	74/S3-58PD
Soo Line	67001	Gondola	66/141
Soo Line	67643	Gondola	70/165
soo Line	68355	Gondola	70/367; 74/S4-21
Soo Line	70113	CovHop	66/230; 70/240PD
Soo Line	73133	CovHop	74/S3-108
Soo Line	74866	CovHop	80/178PD
Soo Line	79980	Hopper	84/130 aluminum
Soo Line	178348	Box	70/133PD
Soo Line	177878?	Box	66/371
Southern	?	Coke	16/296D
Southern	?	Pulpwood	46/208D
Southern	?	Diesel loco. instruction car	46/514D
Southern	?	4 unit hopper cars 260 tons	66/179
Southern	2	Dynamometer	19/418, 419, 420; 22/1008
Southern	25	Pile driver	19/439
Southern	1444	Gondola aluminum	61/192
Southern	4199	CovHop	61/278
Southern	6083	Hopper aluinium	61/232, 278
Southern	6180	Cov.Hop	61/233; 66/205; 70/223
Southern	6912	CovHop	61/292
Southern	7983	Cov.Hop	66/203, 204; 70/221
Southern	8000	CohHop aluminum	61/278
Southern	9044	Box	61/99
Southern	9543	Box	66/103
Southern	9800	Box	61/97
Southern	10060	Box	40/111; 43/116, 117; 46/111; 49/89
Southern	17231	Box	66/369
Southern	18911	Box	70/605
Southern	23487	Box	49/97
Southern	30827	Box	53/86
Southern	36789	Box	57/100
Southern	38000	Box	70/105PD
Southern	40000	Bulkhead flat	80/262
Southern	40199	Auto	40/162, 355; 43/148
Southern	40249	Auto	46/121, 144
Southern	42422	Box	74/S3-36PD
Southern	42894	Box	70/118
Southern	43188	Box	74/S3-20
Southern	45971	Stock	40/203; 43/156, 157; 46/152, 154;
Southern	50098	Flat, Well	70/292PD
Southern	50099	Flat, depressed 300 ton	70/290PD
Southern	50800	Flat	66/281
Southern	51100	Flat	43/197
Southern	51344	Flat	46/189
Southern	51787	Flat	57/317
Southern	52049	Gondola	40/214; 43/228
Southern	52169	Gondola	57/214; 61/201
Southern	55400	Gondola	40/221; 43/207; 46/216
Southern	56423	Gondola	49/160
Southern	59900	Auto rack,enclosed	74/S3-39PD
Southern	61099	Gondola	57/175
Southern	70080	Hopper	53/209
Southern	73749	Hopper	57/258
Southern	75047	Hopper	66/172
Southern	75068	Hopper	66/354
Southern	75723	Hopper	74/S3-77
Southern	76432	Hopper	70/184PD
Southern	76723	Hopper	70/198
Southern	77836	Hopper	74/S3-90PD
Southern	77839	Hopper	74/S3-97PD
Southern	79831	Hopper	74/S3-95; 80/167
Southern	79980	Hopper	84/130 Aluminum
Southern	90855	Ballast	37/258
Southern	94804	CovHop	57/293
Southern	95250	Ballast	49/224; 53/229; 57/259
Southern	96099	Gondola	28/195
Southern	97712	CovHop	70/225PD
Southern	101688	Hopper	74/S3-82
Southern	104674	Hopper	46/268
Southern	110170	Hopper	12/29; 16/213
Southern	111999	Hopper	31/281; 37/281
Southern	112869	Hopper	43/245; 46/248
Southern	114323	Pulp	74/S3-166
Southern	114453?	Pulp	74/S3-180
Southern	114586	Pulp	66/272
Southern	116000	Pulp	66/281
Southern	116125	Pulp	74/S3-166PD
Southern	133471	Wood chip	64/S3-96PD
Southern	139879	Gondola	80/130
Southern	140000	Pulp	74/S3-182; 84/168PD
Southern	159344	Auto rack	80/266
Southern	176844	Gondola	40/229; 43/239; 46/235
Southern	177699	Gondola	46/234-23549/178; 53/175; 57/212
Southern	272245	Auto	37/148; 40/143
Southern	272999	Auto	43/139; 46/137
Southern	285669	Hopper	40/260; 43/247
Southern	315715	Gondola	40/2274; 3/246
Southern	319018	CovHop	46/303
Southern	319964	CovHop	53/254, 255
Southern	360426	Hopper	84/138
Southern	540028	Box	74/S3-20
Southern	565300	Box	80/90
Southern	574000	Box	74/S3-22PD
Southern	585301	Insulated box	80/284PD
Southern	798263?	Reefer	74S3-205
Southern	994241	Hopper	74/S3-76
Southern	994337	Ballast	80/300
Southern	AD-5006	Dump	37/515; 40/512; 43/510; 46/540
Southern	X315	Caboose	80/291
Southern	X400	Caboose	70/270
Southern	X2882	Caboose	46/337; 49/277PD
Southern	?	diesel instruction car	49/433; 53/459D
Southern	Wreck train	16/891	
Southern Pacific	?	Reefer, 37'	1895/61D
Southern Pacific	?	Tank 12000 gal.	06/584D; 09/475D;
Southern Pacific	?	Wood chip, plywood side	70/162PD
Southern Pacific	?	4 unit Stac Pac tri level?	74/S3-175PD
Southern Pacific	1	Hopper stainless steel	61/284
Southern Pacific	115	Safety car	66/476
Southern Pacific	145	Safety instruction car	61/445
Southern Pacific	200	Box inspection car	57/463
Southern Pacific	1039	Caboose	40/335; 43/333
Southern Pacific	1235	Caboose	49/280, 281; 53/299
Southern Pacific	1269	Caboose	57/318; 61/312
Southern Pacific	1714	Caboose	66/248
Southern Pacific	1908	Caboose	74/S3-222
Southern Pacific	2024	Scale test car	66/478
Southern Pacific	4667	Caboose	80/107, 294
Southern Pacific	8001	Hopper aluminum	61/230
Southern Pacific	12100	Gondola	09/88; 12/40
Southern Pacific	13275	Ballast	28/224; 31/250
Southern Pacific	27118	Box	49/341; 53/339
Southern Pacific	33199	Ore	61/255
Southern Pacific	44093	Flat	46/190, 249
Southern Pacific	46155	Gondola	25/198; 28/221 31/243
Southern Pacific	49402	Tank	16/228; 19/334, 335
Southern Pacific	57075	Gondola	49/179; 53/178
Southern Pacific	64492	Auto	40/143, 433; 43/423
Southern Pacific	65424	Auto	43/150; 46/146-147
Southern Pacific	66625	Box	49/218; 53/179
Southern Pacific	67275	Tank	66/245; 70/259
Southern Pacific	69250	Auto	31/132, 133; 37/145
Southern Pacific	73735	Stock	19/342, 343; 22/196-197, 25/134-135; 28/156, 157
Southern Pacific	75151	Box	57/96, 373
Southern Pacific	79825	Flat	43/197; 46/195;
Southern Pacific	80010	Flat, 300 tons	66/280
Southern Pacific	80339	Flat	49/150; 53/137
Southern Pacific	81989	Box	43/132; 46/130
Southern Pacific	82765	Box	43/115, 342; 49/199; 53/187
Southern Pacific	83069	Box	03/1
Southern Pacific	84199	Box	43/125; 46/119
Southern Pacific	86231	Gondola	22/149
Southern Pacific	90232	Gondola	49/183; 53/183
Southern Pacific	94248	Gondola	40/218
Southern Pacific	94250	Gondola	43/225
Southern Pacific	94305	CovHop	49/242; 53/253;
Southern Pacific	95493	Gondola	46/249
Southern Pacific	95499	Gondola	46/235
Southern Pacific	96743	Box	46/109
Southern Pacific	106958	Box	53/86
Southern Pacific	140234	Flat	53/133
Southern Pacific	151391	Gondola	49/181

Southern Pacific	160149	Gondola	53/168
Southern Pacific	160549	Gondola	53/156
Southern Pacific	160754	Gondola	53/161; 57/173
Southern Pacific	168600	Ballast	57/263; 61245; 66/191
Southern Pacific	169999	Gondola	53/157
Southern Pacific	190000	Auto	53/102, 103
Southern Pacific	190466	Auto	53/317
Southern Pacific	286141	Box	97/27PD
Southern Pacific	330187	Gondola	66/144; 70/166PD
Southern Pacific	340548	Gondola	74//S3-56
Southern Pacific	340655	Gondola	84/120
Southern Pacific	341035	Ore	74/S3-50PD
Southern Pacific	345047	Ore	61/255; 66/193
Southern Pacific	350086	Gondola	61/203
Southern Pacific	351600	Gondola	61/202; 66/154
Southern Pacific	351673	Gondola	61/232, 66/204
Southern Pacific	354841	Wood chip	74/S3-70PD
Southern Pacific	355337	Wood chip	80/141PD
Southern Pacific	355337	Box	80/173
Southern Pacific	360684	Gondola	61/200
Southern Pacific	365003	Gondola	97/75
Southern Pacific	367149	Gondola	61/200; 66/142
Southern Pacific	373044	Reefer	1895/4
Southern Pacific	460604	Ballast	57/259
Southern Pacific	463255	Hopper	66/162; 70/181PD
Southern Pacific	464146	Hopper	74/S3-83PD
Southern Pacific	465093	Hopper	84/243
Southern Pacific	467521	Ore	66/198; 70/210PD
Southern Pacific	500514	Flat	66/280
Southern Pacific	509651	Bulkhead flat	74/S3-167PD
Southern Pacific	510538	TOFC	61/154
Southern Pacific	510620	TOFC	61/154
Southern Pacific	513201	TOFC	66/291; 70/306
Southern Pacific	513551	TOFC	66/303
Southern Pacific	516465	Auto rack	80/267
Southern Pacific	517006	Atito rack	80/266
Southern Pacific	517098	Auto Vert-A-Oac	74/S3-174PD
Southern Pacific	565257	Flat	70/278
Southern Pacific	583220	Flat	57/126
Southern Pacific	595186	Flat	61/167; 66/285; 70/293PD
Southern Pacific	595512	Gondola	74/S3-63
Southern Pacific	597000	Flat	66/288; 70/298
Southern Pacific	598051	Container car	61/164
Southern Pacific	598300	Flat	61/129
Southern Pacific	598330	Flat	66/284
Southern Pacific	598357	Flat	66/261
Southern Pacific	599311	Flat	80/244
Southern Pacific	615200	Box	70/115PD
Southern Pacific	615225	Box	66/354
Southern Pacific	654428	Box	66/104; 70/112PD
Southern Pacific	654710	Box	80/96PD
Southern Pacific	670057	Box	57/96
Southern Pacific	673013	Box	61/105
Southern Pacific	674578	Box	66/115
Southern Pacific	691840	Box	74/S3-205
Southern Pacific	692048	Box	66/114; 70/130PD
Southern Pacific	697409	Box, insulated	74/S3-205, 206
Southern Pacific	703500	Pulp	74/S3-182
Southern Pacific	?	auto - Vert-A-Pax	70/126
Southern Pacific	Contain "Clejon" TOFC		57/145
Southern Pacific	MofW 2024 Scale test car		61/447; 70/414
Southern Pacific	MX640--	Dump	74/S5-8
Southern Pacific	?	250 ton wrecker	46/510
Spokane International	C-5	Caboose	12/121
Sydney & Louisborg	4044	Hopper	49/197; 53/199; 57/223
Tacoma Eastern	563	Flat	03/5; 06/18; 09/26
Temiskaming & Northern Ontario	92	Caboose	46/352; 49/157; 53/152
Temiskaming & Northern Ontario	97	Caboose	43/336; 46/342
Temiskaming & Northern Ontario	140019	Ballast	40/347; 43/281; 46/289
Temiskmning & Northern Ontario	43015	Gondola	43/235
Tennessee	2716	Flat	28/186
Tennessee Central	6215	Stock	28/147
Terminal Railroad Association of St. Louis	597	Caboose	46/121,338
Terre Haute & Indianapolis	18020	Gondola	06/32; 09/40
Texas & New Orleans	3909	CovHop	53/249
Texas & New Orleans	4252	Hopper	49/211; 53/223; 57/251
Texas & New Orleans	8000	Pulp	53/145
Texas & New Orleans	8001	Hopper	178
Texas & New Orleans	19109	Flat, depressed	61/175; 66/283
Texas & New Orleans	43015	Gondola	40/227; 46/215
Texas & New Orleans	43099	Gondola	46/267
Texas & New Orleans	43150	Gondola	53/156
Texas & New Orleans	44169	Gondola	49/161
Texas & New Orleans	47333	Gondola	53/156
Texas & Pacific	5239	Flat	31/203
Texas & Pacific	6525	Auto	31/142
Texas & Pacific	8500	Dov Hp	46/297
Texas & Pacific	9004	Hopper	40/249; 43/259; 46/264
Texas & Pacific	9699	Hopper	53/207
Texas & Pacific	17049	Gondola	28/198, 199
Texas & Pacific	17899	Gondola	31/212, 214; 37/247, 220; 40/219, 220
Texas & Pacific	19000	Gondola	53/161, 324; 57/173
Texas & Pacific	22225	Stock	31/153
Texas & Pacific	41143	Box	53/88
Texas & Pacific	82161	Box	53/347
Texas & Pacific	575162	Hopper	74/S3-83
Texas & Pacific	734816	Pulp	70/284
Texas & Pacific	820981	Flat	74/S3-164
Texas Mexican	314	Caboose	70/263
Texas Mexican	2019	GFondola	80/151
Texas Mexican	2049	Gondola	80/150PD; 84/109
Texas Oklahoma & Eastern	1391	Gondola	80/130
Third Avenue St. Ry (N.Y.City)		Wrecker	12/208
Toledo Peoria & Western	206	Caboose	43/336; 46/342;
Toronto Hamilton & Buffalo	2247	Gondola	43/349; 46/35549/158; 53/153
Toronto Hamilton & Buffalo	2876	CovHop	66/202
Toronto Hamilton & Buffalo	2801	CovHop	57/169
Trinity & Brazos Valley	500	Vent. Box	06/10; 09/21; 12/06
Tucson Cornelia & Gila Bend	941	Ore	31/287; 37/311; 40/300; 43/297; 46/304
Union	?	Gondola	40/216
Union	301	Hopper	12/22
Union	509	Wrecker	03/32
Union	920	Dump	37/510
Union	937	Dump	37/510; 40/516; 43/512; 46/542
Union	4499	Hopper	49/204; 53/202
Union	6000	Hopper	57/254
Union	6699	Gondola	12/51
Union	9762	Gondola	37/325
Union	C-11	Caboose	28/321; 37/69-
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Bat. Storage battery operated rail motor cars
Frt. Freight cars
Gas Gasoline rail motor car
Ind Industrial freight cars
Interur. Intrerurban
Pass. Passenger cars
Steam Steam moror railway car
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CAR COMPONENTS:

Each book carried extensive drwgs. The 1879 volume included stoves, lights, trucks, seats, Smith & Eames vacuum brakes, various hand brakes & Westinghouse air brakes, Spear and Baker car heaters. 1884 volume includes six car heaters of Baker, Bissell, Gouge, Kohler, Searle, Spear

Old lanters and lights, torches, etc. can be dated by looking at illustrations in these volumes.

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I did not index owners or types of foreign cars. Many photographs are identified only by company name without any indication of country. The following countries are identified with different types of freight and passenger cars

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STREET RAILWAYS: THEIR CONSTRUCTION, OPERATION AND MAINTENANCE 1892
ELECTRIC RAILWAY DICTIONARY 1911

These books are scarce. The earlier of the two is largely text covering electric, cable, and horse traction, steam, air and gas motors, incline planes, rack rail inclines, car building, track construction, employees, franchises, bookkeeping, and costs. Most of the specific railroad company references are pictures of equipment with no descriptive text of the company. Many of the illustrations also appeared in the *Street Railway Journal*.

The Electric Railway Association in New York City has a copy of the 1892 book as does the University of Michigan at Ann Arbor. Other electric railway museums may have copies and inter library loan might reveal more.

The *Electric Railway Dictionary* was published by McGraw Hill only once. 3000 copies were printed. Almost all went to management of such railways and were thrown away when the railway ceased to exist. It is largely devoted to cars. Locomotives, shop facilities, track, and so forth are omitted. It has hundreds of builders photos and drawings of all types of cars built by all the manufacturers. Many of these pictures, only apeared in this volume, and the original glass plate negtives were not preserved except in the case of Brill and St. Louis Car Co.

Copies of this book are scarce. The California State Railroad Museum at Sacramento has one as does the Williamsport, Pennsylvania, Public Library. Presumably the electric railway historical groups have copies, and inter librtary loan might reveal others

SR - Street Railways (1892)

ERD - Electric Railway Dictionary (1911)

Items are indexed by the book initial and page number, SR xxx or ERD followed by page number(s), then a P, D or PD which indicates a picture, drawing or picture and drawing. The advertising pages were numbered separately. I indicate them as ERD Adv. page #

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Attleboro, North Attleboro & Wrentham St. Ry (Mass): Car #16, SR 376
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Chicago & Milwaukee El. Ry: #138, ERD 35 P
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Chicago City Ry: 40 ton home made loco., ERD 118 D
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Chicago South Bend & Northern Indiana Ry: Substation car, ERD 116 D; #?, ERD 45 D
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Cleveland Southwestern & Columbus Ry: #200, ERD 49 P; Line car, ERD 70 P;
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Lindell Ry(St. Louis): 8 wheel car 3315, SR 375; 4 wheel trailer car #15, SR 385, Forest Park 8 wheel car, SR 388, 4 wheel car #378, SAR Addenda 2
Los Angeles Pacific Co: #723, ERD 38 D
Los Angeles Ry: #? Calif. type car, ERD 25 P
Louisville & Northern Ry & Lt. Co: #101, ERD 34 P
Louisville Eastern Ry: #11, ERD 45 PD
Louisville Ry: Double truck, ERD 19 D;
M. C. T. : #50, ERD 12, 85 PD
Macon Ry. & Lt. Co.: #71, ERD 20 P
Madison & 4th Ave (New York City), Storage battery car #12, SR 377
Mahanoy City Shenandoah Girardville & Ashland St. Ry (Pa):4 wheel car #3, SR Addenda 1
Manhattan Elevated Ry: #1582, ERD 58 PD
Marion Bluffton & Eastern Traction Co: #264, ERD 57 P
Marquette County Gas & El. Co.: #103, ERD 31 P
Metropolitan St. Ry (Kansas City): Double truck, ERD 17 D
Metropolitan St. Ry (NYC): #162, ERD 13 PD; Crane car, ERD 69 P
Milwaukee & Fox River Valley Ry: Interurban car, ERD 38 D

Milwaukee Electric Ry & Lt. Co: #?, ERD 81 D ; #?, double truck, ERD 14 D; Private car, ERD 51 D
Milwaukee St. Ry (Wis) 4 wheel car #254, SR 390
Minneapolis St. Paul Rochester & Dubuque El. Tr. Co.: #2 Strang parlor car, ERD 52, 53 P
Missoula St. Ry: #3, ERD 21 P
Missouri Ry Co: ((St. Louis) 4 wheel trailer car, SR Addenda 3
Montreal St. Ry: #940, ERD 16 P;
Mount Adams & Eden Park Incline Ry (Cincinnati), SR 181, 186
Mount Auburn Cable Ry (Cincinnati) 4 wheel car #14, SR Addenda 3
Muncie & Portland Traction Co: service car, ERD 117 D
Neversink Mountain RR (Reading, Pa), 8 wheel car #1, SR Addenda 7
New Orleans Ry & Lt. Co: #328, ERD 1 P
New York New Haven & Hartford RR: #4041, ERD 59 P
Newell St. Ry: #28, ERD 2 P
North Chicago City Ry: Steam dummy loco., SR 170
Northern Indiana Ry: Portable substation car #1, ERD 72 P
Northern Ohio Traction & Lt. Co: Private car, ERD 48-49 P
Northern Texas Traction Co.: #?, double truck,ERD D
Northwestern Elevated Ry: trailor car, ERD 106 D
Ohio Valley Electric Ry: Interurban car, ERD 30 D; "Ohio Valley Scenic Rte" #392, ERD 33 P
Oklahoma Ry #130, ERD Adv. 48 P; #?, ERD 38 D
Oneonta & Mohawk Valley Ry: #61, ERD 46 P
Oregon Electric Ry: #58 and #1601 "Champoeg" buffet parlor observa tion, ERD 48 P; #103, ERD 36, 100 P
Penn Incline Ry (Pittsburgh): SR 180, 182, 183
Peoples Electric Ry Co. (Pa.) Double deck, 4 hweel car #16, SR Addenda 11
Peoria Ry. Term. Co.: #? ,ERD 33 PD; Snow plow, sprinkler & line car #51, ERD 65, 113; #51 sprinkler, snow plow & line car, ERD 65 P
Pittsburgh incline planes: See Penn Incline, Duquesne Incline, St. Clair Incline, Knoxville Incline.
Pittsburgh Oakland & East Libery St. Ry: - Pittsburgh Traction Co, 4 wheel open car #76, SR Addenda 4
Pittsburgh Traction Co (Pa) 8 wheel open car #67, SR Addenda 9
Providence Cable Tramway Co: (RI) Power house picture, SR 113
Public Service Co (Newark NJ): #? ERD 82, 83 D; Double truck, ERD 16 D;4 wheel car #52
Puget Sound El. Ry: #?, observation parlor car, ERD 49 P; Combination care, ERD 99 D; #529, ERD Adv. 46-50? P
Redlands Central Ry: #101, ERD 24 P
Richmond & Southside RR:(Va?) 4 wheel open car #7, SR Addenda 8
Rochester Electric Ry (NY): Car #21, SR 374
Rochester Ry Co (?): #029 sweeper car, ERD 61 P
Saint Clair Incline Plane Ry: SR 182
Saint Joseph Ry Lt. Heat & Power Co: #? double truck, ERD 14, 94 D
Saint Louis RR: 4 wheel cable car, SR 384 and trailer SR 385
Saint Paul City Ry (Mn): 4 wheel cable trailer car #232, SR 383
San Antonio Rapid Transit St. RR (Tecx) 4 wheel open car #1, SR 381
San Diego Cable Ry: car picture, SR 101
San Francisco Oakland & San Jose Ry: #? double truck, ERD 101 D
Sandwich Windsor & Amherstburg Ry (Windsor, Ont.) 4 wheel car #1, SR Addenda 1
Sapulpa Interurban Ry: Switching loco., ERD 119 D
Schenectady Ry Co: Interurban car, ERD 30, 86 D
Scranton Suburban Ry (Pa) 4 wheel car #14, SR Addenda 8
Seattle Electric Co: #552, ERD 25 PD
South Michigan Ry Co: #303, ERD 35 P
Southern Cambria Ry: #201, ERD 42 P
Southern Michigan Ry: #303, ERD 35, 90 PD
Southwestern Ry: Car "Albestri" #200?, ERD Adv. 48
Spokane St. Ry (Wash) 8 wheel combination open and closed car #18, SR 384
Sterling Dixon & Eastern Ry: 4 wheel, ERD 73 D
Terre Haute Indianapolis & Eastern Traction Co: #?, ERD 101 D
Texas Traction Co: #53, ERD 40 P
Third Ave. (New York) Cable Co: Bowery station power house, SR 120-121
Third Avenue RR Co (New York City) 8 wheel cable car, open #201, SR 382; 4 cable car #1, SR 385; Storage battery car, ERD 75 P; #1 gas electric, ERD 11 P; #1129 storage battery car, ERD Adv. 45 P
Toledo Consolidated St. Ry: Compressed air car #204, SR 176
Toledo Rys & Lt. Co: Semi convertible, ERD 24 P
Toledo Urban & Interurban Ry: #?, ERD D
Twenty Third St. Ry (New York City): horse car SR 387, @3rd & 34th St ferry lines, horse car #43, SR 386
Union RR Co (Providence, R.I.) : horse stable, SR 155-159
United Railways System: (St. Liouis?) #5, ERD 45 P
United Rys & El. Co. (Baltimore): side dump coal car, ERD 118 D
United Rys of St. Louis: #1032 ERD 17 PD;
Washington & Georgetown RR (Dist. of Col.) 4 wheel open car #40, SR 380; cable car drawing, SR 134
Washington Arlington & Fairfax Ry: #100, ERD 41 P
Washington Baltimore & Annapolis Ry:#74, ERD 43 PD
Washington Water Power Co: Line car ERD 70, 71 P
West Chester St. Ry (Pa): 4 wheel trolley car, SR 374, 8 wheel car #5, SR Addenda 7
West Chicago St. RR Co. (Ill) 4 wheel cable car #921, SR Addenda 4
West End Street Ry (Lancaster, Pa): Storage battery car, SR 49
Westinghouse Ry. & Electric Co: Double truck, ERD 12 D
Westminster & Vancouver Tramway Co. (Brit.Col.) 8 wheel combination express & pass. car, SR 389; 8 wheel car #11, SR Addenda 6
Wilkes Barre & Hazleton Ry: #300, ERD 54 P
Winona Interurban Ry: #50, ERD Adv. 37 P
Wisconsin Traction, Lt. Ht. & Pr. Co: #106, ERD 44 PD;
Woodstock & Sycamore Traction Co: #71 McKean Car, ERD 53 P
Yakima Valley Transp. Co: #100?, ERD Adv. 48 P
Yonkers RR (N.Y.) cars #A & E., SR 415; #?, ERD 82 D; Sprinkler car, ERD 65 P

FOREIGN RAILWAYS:

Brazil: La Paz 4 wheel car, ERD 1 P; Camaquey El. Cop, Ltd: #9 flat car, ERD 66 P ERD
Durban Tramways Co. (S.Africa) Douvle deck, 4 wheel trailer car, SR 370
Mexico: Mexico City Tramway: #? ERD 87, 92 D ;Guadalajara flat car, ERD 66 P
Portugul: Lisbon crane car, ERD 68 P

CARS (Types)

Ash cars - See Coal & ash cars below
Baggage & Freight: SR Addenda 15
Cable cars: SR 380-385
Coal and ash cars; ERD xxx?
Combination open and closed SR 384
Combination pass. and frt: SR 389
Crane cars: ERD 68-70 P
Double deck, SR 378-379
Double truck: open & closed, ERD 11-28, 47 PD; also SR
Electric - 8 wheel SR 374-376, 378, 384, 388,
Elevated Ry cars: ERD 58-59 P
Express, Mail, Baggage: SR 377, SR Addenda 15; ERD 54-57 PD
Flat cars, motor driven, ERD 66 P
Funeral: SR 387; ERD 29 P
Gas electric cars: ERD 11, 52 P
Gasoline drive ERD 53 P
Horse: SR 380, 386, 387
Interurban cars: ERD 30-41
Interurban combination cars: ERD 42-46; steel sides ERD 42 P
Line cars, ERD 70-71 P
Locomotives: ERD 118, 119D
Observation cars, ERD 48 P
Open air: SR 378-; Canvas top ERD 47 P, (see also double truck cars above)
Parlor cars: ERD 49, 50, 52 PD
Private cars: ERD 48-49, 51 PD
Refrigerator cares: ERD 57 P
Single truck, 4 wheel: ERD 1-10 PD; Also in SR
Sleeper cars: ERD 101 P
Snow plow cars, SR 239; ERD 61-63, 109-110 PD
Sprinkler cars, SR Addenda 16; ERD 64-65, 114-115 PD
Steam railroad electrication cars, ERD 59 P
Storage Battery: SR 49, 377; ERD 75 P
Substation (portable) cars, ERD 72, 116 P
Subway cars: ERD 60 P
Sweeper cars, ERD 61, 111 PD
Weed burner cars, ERD 72 P

CAR BUILDERS

American Car Co. SR 390; ERD numerous illustrations
Baltimore Car Wheel Co. truck, SR 254
Barney & Smith Car Co: ERD 3, 27, 44, 50, 55, 56
Bemis Car Box Co's truck, SR 253, 258
Briggs Carriage Co (Amesbury, Mass), SR 390
Brill (J.D.) Co.: SR 232ff, 249, 256, 390l SR Addenda 1-16; ERD numerous illustrations
Brownell Car Co. (St.Louis), SR 390
Cincinnati Car Co: ERD numerous ilustrations
Commonwealth Steel Co: ERD weed burner 72 P
Connelly gas motor car, SR 176-177
Detroit Electrical Works truck, SR 412-413
Dorner & Dutton's car truck, SR 253
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Ellis Car Co. (Amesbury, Mass) SR 390
General Electric Co: ERD gas electric car 11, 54
Gilbert Car Co. (Troy NY), SR 390
Gould Storage Battery Co: ERD advertisement 45
Jewett Car Co: ERD 19, 46, 107 PD
Jones Sons, J.M., Co., West Troy, NY, SR 390
Laclede Car Co. (St. Louis), SR 390
Laconia Car Co: ERD 2184, Advertisement 45;
Lamokin Car Works (Chester, Pa) SR 390
Lowis & Fowler Mfg. Co.: SR 222, 229ff
McGuire Cummings Mfg. Co: ERD 1, 33, 39, 61, 63, 65, 68, 70,111, 112, 113; McGuire truck, SR 254, 257
McKean Motor Car Co: ERD 53 P
Mekarski air motor: SR 175-176
Newburyport Car Mfging Co, Newburyport, Mass) SR 390
Niles Car & Mfg. Co: ERD numerous illustrations
Peckham's car truck, SR 250
Pressed Steel Car Co: ERD 16, 60, 88, 108 P
Pullman Palace Car Co., SR 227ff, 390; ERD 93 P
Randall, I. H., (Boston Mass.) SR 259, SR 390
Robinson radial truck, SR 255
Rowan's steam street car, (France) SR 173-174
Russeell Car & Snow Plow Co: ERD 62 P

Saint Louis Car Co., SR 390; ERD numerous illustrations
Sessions Pass. Car Co. SR 390
Sheffield Car Truck, SR 260
Standard Steel Car Co: ERD 59 P
Stephenson (John) Co (horse cars): SR 226, 241
Strang Gas Electric Co: Parlor car, ERD 52, 53 PD
Trupp Mfg. Co. roller bearing truck, SR 254
Westinghouse Ry. & Electric Co: #?, ERD 12 D
Wightman Motor, SR 417418
Woeber Carriage Co: ERD 26 P

LOCOMOTIVES (also referred to as Motors) AND THEIR BUILDERS
Compressed air motors: SR 174-177
Gas Motor: SR 175, 177-178
Stored Steam Motors: SR 172-175

Baldwin steam motors (dummies), SR 165ff
Gilbert Car Mfg. Co. SR 248
Mekarski air motor: SR 175-176
Merryweather Co (England) steam mottors (dummies), SR 168-169
Porter steam motors (dummies), SR 167ff
Thompson Houston Electric System: SR 376

CABLE RAILWAYS
Cable Car Traction: Description with drawings of track, power house and all facits, SR 69-134

ELECTRIC STREET RAILWAYS
Car Building: Description with detail drawings of manufacture and car shop, SR 218-283
Electric Traction Description of motors, power stations, car barn, electricity, SR 1-68
Track Construction: SR 284-318

ELEVATED RAILROADS
Description with drawings of construction and equipment, SR 192-217
Brooklyn Elevated RR: SR 201ff
Chicago & South Side Elevated RR: SR 203ff
Manhattan Elevated RR: Full description, 3rd, 6th, & 8th Avenues and suburban lines, SR 191-213; locomotives SR 209; passenger cars SR 210-213

HORSE CAR RAILWAYS
Horse Car Traction: description with drawings of car houses, stables, operation, SR 135-171

INCLINE PLANES
Description with drawings, SR 179-186

RACK RAIL (COG)
Desacription with drawings, SR 187-191
Abt System: SR 189
Agudio system: SR 190
Manitou & Pikes Peak Ry: SR 189-
Mount Washington Cog Ry: SR 187-188

MISCELLANEOUS
Personnel, Labor practices, SR 322-344

MISCELLANEOUS BOOKS

Some railroad books have been published that had individual chapters on specific railroads to present its history or to described some particular operation of the railroad. These books are seldom cross indexed by names of the railroads in library cataloging systems. The articles are often comparable to good magazine articles which I indexed. Most are either good short line histories or descriptions of historical value as to how a larger railroad operated at the time of writing. I therefore decided to index these books which were available to me. Unfortunately there are many others which also should be done.

The Farrington books have a series of articles, 5 to 20 or so pages, on operating subjects primarily of freight train and yard operations, and often in great detail as it pertains to a specific railroad. They therefore give good insight on the train operations.

AVL Allegheny Valley Logging Railroads by Casler (1977)
BRR Bonanza Railroads by Kneiss Calif. and Nevada short line railroads
DDS Dinkies, Dams, and Sawdust by Klein (1971975)
GEH The Goodyears - An Empire in the Hemlocks by Taber (`1971)
GLT Gost Lumber Towns of Central Pennsylvania by Taber (1970)
GRRI Ghost Railroads of Indiana by Sulzer (1970)
GRRK Ghost Railroads of Kentucky by Sulzer (1967)
GRRT Ghost Railroads of Tennessee by Sulzer (1975)
MTF The Maine Two-Footers by Moody (1959)
MVL Muncy Valley LKifeline by Taber (1972)
NERR The Formation of the New Endland Railroad Systems by Baker (1937)
PPP Pitch Pine and Prop Tiumber by Kline ()1971
RCC Railroad Coast to Coast by Farrington ((1976)
RNW Rails in the North Woods by Allen, Gove, Maloney & Palmer (1973) Obscure New England RRs
RRDV Railroads Down the Valley by Mills (19050) Short lines in Oregon
RRH Railroads of the Hour by Farrington (1958)
RRHE Railroading from the Head End by Farrington (1943)
RRMW Railroading the Modern Way by Farrington (1951)

The Sulzer books include several railroads in each chapter. Page numbers are for the entire chapter. Not all are short line railroads. I did not see the books and so some railroads described may be very sketchy.

Some books I do not know the page numbers and so only the code abbreviation. The index gives the initials of the book and page numbers of the article

These books may be difficult to find in libraries. The following railroad libraries will probably have most of them:

Barriger Library, University of St. Louis, St. Louis
California State Railroad Museum's library, Sacramento,
DeGolyer Library, Southern Methodist Univ., Dallas, Tx
Lake Forest University, Lake Forest, Il
New York Public Library, 42nd St & 5th Ave, N. Y.
Railroad Museum of Pennsylvania's library, Strasburg, Pa.

RRRE Railroading from the Rear End by Farrington (1946)
RRT Railroads of Today by Farrington (194X)
RRW Railroads at War by Farrington (1944)
SLA Shortlline Railroads of Arkansas by Hull (1969)
SLH "Stemwinders" in the Laureel Highlands by Klein (1973)
SLJ Shortl Lne Junction by Wagner (1956) Cal. and Nevada railroads
SMD Saw Mills Among the Derricks by Taber (1875)
SSW Sunset Along Susquehanna Waters by Taber (1972)
STY Slow Train to Yesterday by A. Robertson (1945) Short line RR operations, several of chapter length
TAL Tanbark Alcholol and Lumber by Taber (1974)
TCE Teddy Collins Empire by Casler (1971976)
TEX A History of Texas RRs by Reed (1941)
TPWR Tall Pines and Winding Rivers by Klein (1976)
TRR Tuckerton RR by Brinkman (1973) RRs other than the Tuckerton RR
TV Tionesta Valley by Casler (1973)
WCM "Wild Catting" on the Mountain by Kline (1970)
WSSF Whining Saws and Squealing Flanges by Taber (1972)

UNITED STATES AND CANADIAN RAILROADS

Adirondack & St. Lawrence RR: History and loco. roster RNW/165-174
Alder Run RR History WCM
Allegheny & Kinzua RR HistorySMD
Anderson Creek RR History DDS
Arkansas & Oklahoma RR (and successor companies) SLA
Arkansas Central : SLA
Arkansas Oklahoma & Western RR (and successors) SLA
Artemus Jellico RR: GRRK
Asaph RR History SSW
Ashley Drew & Northern RR: SLA
Ashtola & Allegheny Mountain RR History SLH
Atchison Topeka & Santa Fe Ry: Workings of Argentine yard at Kansas City RRMW/66-81; "Super Chief" train described RRMW/212-222; Diesel operation of frts and pass. in early 1940s RRW/44-59; Argentine Yard & CTC in early 1940s RRW/85-97; Diesel frt. service across Ariz. RRW/142-148; Fast mail #7 & 8 and stock trains RRW/184-193; Train dispatching and trains on Albuquerque Div. 3rd district in 1943 RRW/228-236; #3776 4-8-4 pass. train operations, 1788 miles without changing locos, KC to LA RRW/259-283; CTC on Pecos Div and train operation RRRE/38-61; Communication system of the RR RRRE/154-164; Green fruit trains, GFX, San Bernardino east RRRE/225-243; A trip on a business car RRRE/288-300; California potato traffic and train RRRE/339-346; Wheat train circa 1945 RRRE/386-399; New 50 mile line to Dallas RRH/23-30 "El Capitan" train with hi-level cars RRH/100-106; "San Francisco Chief" train described RRH/138-143; TOFC piggy back Chicago-Kansas City-Calif. RRH/175-181; Corwith, Chicago hump yard and frt. house RRH/297-311; Diesel #100 on 1941 test run RRHE 95-106; Record run of #3460 4-6-4 RRHE 246-258; Fast frt train #39, Chicago to Kansas City RRHE 266-268; Pacific Fruit Express described RRHE 107-118; History of RR in Texas TEX 282-311;
Athens & Tennessee River RR: GRRT
Atlantic Coast Line: Track maintenance RRRE/253-261; Handling perishables RRHE 119-123;
Augusta RR, Augusta Tramway & Transfer: SLA
Baltimore & Ohio RR: "Capital Ltd." train described RRMW/129-136; "Columbian" train described RRMW/239-246; Staten Island coal terminal described RRMW/291-295; Line relocation in Indian Mill Creek and White River bridges RRMW/354-360; Time frt. #97 RRRE/186-192; Position light color signals RRRE/193-195; Bay window caboose RRRE/194-199;
Baltimore & Ohio Southwestern Ry: Abandoned line to Bedford GRRI
Bangor & Aroostook RR: Main line of RR briefly described RRH/6-9; Radio use RRH/113-117; Potato handling RRH/206-209;
Bark Camp RR History DDS
Bear Creek RR (Md) History TFWR
Beaver City RR History SLH
Beaver Dam RR GRRT
Bedford Stone Ry: GRRI
Bells Run RR Histrry TAL
Bessemer & Lake Erie RR: Conneaut yard and harbor dock operation and trip son ore trains with steam and diesel in 1950 RRMW/155-176;
Big Woods Red River & Lumbard RR: GRRK
Billerica & Bedford RR: MTF 48-54;
Blacklick & Yellow Creek RR History DDS
Blanchard Coal & Lumber RR History DDS
Bobs Creek & Beaver RR History SLH
Bond Foley Lbr. Co: GRRK
Boston & Albany RR: War time oil trains RRW/98-111; Formation NERR 3-23
Boston & Lowell RR: Formation of system NERR 100-122
Boston & Maine RR: Running a railroad under adverse conditions RRRE/69-83; Fish and ski snow trains RRRE/267-280; Formation of system NERR 145-177;
Boston Elevated RR: Charleston bridge emergency repair RRRE/74-76.
Bradford & Corydon RR History SMD
Bradford & Western Pennsylvania RR History SMD
Breckenridge Coal Co: GRRK
Bridgton & Saco River (Harrison) RR: History & operations MTF 24-31, 123-144, 200, 208;
Brockport & Shawmut RR History TAL
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Brookville Ry History DDS
Brownsville & Holly Springs RR: GGRT
Buffalo Mills RR History PPP
Buffalo Bayou Brazos & Colorado RR: history TEX 53-65
Caddo & Choctaw RR: SLA
California Western: SLJ
Cammal & Black Forest RR History SSW
Carthage & Copenhagen RR: History and roster RNW/159-164.
Central Indiana Ry: GRRI
Central New England RR: History NERR 96-99
Cheat Haven & Bruceton RR History SLH
Cherry Grove RR History TV
Chesapeake & Ohio RR: Frt. & Pass. service and locos. in early 1940s RRW/60-73; Coal drags and mine run trains described RRW/131-141; Russell Yard, largest C&O yard RRW/168-183; Moving coal and troops to tidewater RRW/218-227; Trackmen and track maintenance RRRE/104-117; Fast frts $92 Stevens, WV to Hinton, WV and 2-8-4 locos RRRE/309-323; Mars signal lights RRRE/281-287; Fast frts RRH/74-79; Over-view of coal operations RRH/118-122; Russell Yd hump RRH/215-219; Diesel loco. use and Greenbrier resort RRH/280-285; Several abandoned branches in Ky., GRRK
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Chicago & Great Eastern Ry: GRRI
Chicago Attica & Southern RR: GRRI

Chicago Burlington & Quincy RR: Vista dome cars RRRE/134-140; Burlington, Ia. station RRRE/331-335; Stock train #62 RRRE/336-338; History in Texas TEX 392-405;
Chicago Great Western RR: Rebuilding RRH/44-47; Oelwein's operations and trains RRH/150-158; Oelwein reefer icing RRH/290-296;
Chicago Indianapolis & Louisville RR: Abandoned branches in Indiana, GRRI;
Chicago Milwaukee St. Paul & Pacific RR: "Hiawatha" trains described RRMW/144-154; Transcontinental troop train run: RRW/204-217; Handling material for first atomic plant at Hanford, Wash. RRRE/62-68; Snow fighting in Wis. 1935-36 RRRE/244-252; Hiawatha train operation RRHE 34-48; Electrified line operation RRHE 73-85; Fast frt. train #263 Chicago to St. Paul RRHE 275-279; Abandoned branches in Indiana, GRRI
Chicago Rock Island & Pacific RR: Pass. trains & troop movements RRW/194-203; Fast frt. train #91 Chicago to Tucumcari, NM & California RRHE 268-271; History in Tex. TEX 405-412;
Chicago St. Louis & New Orleans RR: Abandoned line in Ind. GRRI;
Chicago Terre Haute & Southeastern Ry: GRRI
Christy Creek RR: GRRK
Cincinnati & Green River Ry: GRRK
Cincinnati Bluffton & Chicago RR: GRRI
Cincinnati Burnside & Cumberland River Ry: GRRK
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Clermont & Kinzua RR Histrory SMD
Clermont & Marvin Creek RR History SMD
Cleveland Cincinnati Chicago & St. Louis: Several abandoned branches in Indiana, GRRI
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Concord RR: Formation & History NERR 123-144;
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Crossett Ry (Crossett Lbr. Co.): SLA
Crown Point Iron Co's RR: RNW/175-194.
Cumberland Northern RR: GRRT
Curry Run RR History DDS
Cush Creek & Mahoning RR History DDS
Dahoga & Highland RR History TAL
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Dardanelle Ola & Southern: SLA
Delaware Lackawanna & Western RR: "Phoebe Snow" train described RRH/10-14; TOFC piggy back service RRH/87-92; Description of the RR RRH/144-149; Frt. train BH-4 and radio RRH/253-260; 1955 flood RRH/312-319;
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Denver & Rio Grande Western Ry: "California Zephyr" train described RRMW/19-26; Geneva, Utah, steel mill & RR requirements RRMW/205-211; Denver frt. yard operation RRMW/263-269; Research and labs RRRE/179-185; Train operation over Rockies in Colo. & Utah RRHE 142-157;
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Duluth Missabe & Iron Range RR: Ore traffic described RRW/112-121;
Eagles Mere RR History MVL
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Emory River RR: GRRT
Emporium & Rich Valley RR History WSSF
Emporium Lumber Co: RNW/47-68
Erie RR: Fruit trains RRRE/262-266;
Eureka & Palisade RR: History BRR/79-101
Eureka Springs Ry: SLA
Evansville & Indianapolis RR: GRRI
Evansville & Ohio Valley Ry: GRRI
Evansville & Terre Haute RR: GRRI
Evansville Indianapolis & Terre Haute Ry: GRRI
Evansville Suburban & Newburgh Ry: GRRI
Fayetteville & Little Rock RR: SLA
Ferney Run RR History SSW
Fishing Creek RR (Pa) History GLT
Fort Smith & Western RR: SLA
Fort Smith Subiaco & Eastern (Rock Island) RR: SLA
Fort Wayne Terre Haute & Southwestern RR: GRRI
Fountain Head Ry: GRRT
Frankfort & Cincinnati RR: GRRK
Fulton Chain RR: RNW/149-158
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Graysonia Nashville & Ashdown RR (and predecessor companies): SLA
Great Northern Ry: Ore traffic described RRW/112-121; Brief description of transcontinental route RRRE/29-37; Ore movement RRRE/200-203; Fast mail #27 & 28 RRRE/203-205; Grain movement RRRE/205-209; Iron ore operations PCC 156-161.
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Indianapolis & Vincennes RR: GRRI
Iron City RR History TCE
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Juniata & Southern RR History SLH
Juniata RR History DDS
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Kane Oil Fields RR History SMD
Kane RR History SMD
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Kentucky Northern RR: GRRK
Kentucky Rockcastle & Cumberland RR: GRRK
Ketner & Kay Fork RR History TAL
Ketner Elbon & Shawmut RR History TAL
Ketner St. Marys & Shawmut RR History TAL
Keystone RR (Pa) History SMD
Kinzua & Tiona RR History SMD
Kinzua Creek & Kane RR History SMD
Kinzua Hemlock RR History SMD
Kinzua Valley RR History SMD
Kish-Wau-Kee Mineral Sp[rings RR History SMD
Knightstown & Shelbyville RR: GRRI
Knoxville & New River RR: GRRT
Kushequa RR History SMD
Laurel Fork RR: GRRT\
Laurel Ry: GRRT
Laurelton & Pine Creek RR History WCM
Leetonia RR History SSW
Lehigh & Hudson River RR: Bridge road description RRH/63-73;
Lenox RR: GRRK
Lewisburg & Buffalo Valley RR History PPP
Licking River RR: GRRK
Little River RR: GRRT
Little Rock Hot Springs & Texas RR: SLA
Little Rock Maumelle & Western RR: SLA
Louisiana & Arkansas RR: Sources of traffic, frt. #77 and brief History RRMW 116-128;
Louisville & Interurban RR: GRRK/93-100.
Louisville & Nashville RR: Fast frt. train #71, "Silver Bullet", Cinc. to New Orleans RRHE 262-266; Coal traffic and trains RRHE 130-141; Various branches in Ky now abandoned, GRRK; Abandoned line in Tn, GRRT
Louisville New Albany & Corydon RR: GRRI
Lowville & Beaver River RR: RNW/111-148
Maine Central RR: Formation of system NERR 202-225
Mammoth Cave RR: GRRK
Manahawkin & Long Beach Transportation Co: TRR
Manor Lands & Oakland RR History TFWR
McCloud River RR: SLJ
Mead Run RR History SMD
Medix Run RR History GEH
Memphis El Paso & Pacific RR: TEX 93-95
Middle Tennessee & Alabama Ry: GRRT
Millstone Valley RR History TCE
Mississippi Ouachita & Red River: SLA
Missouri & North Arkansas RR (and successor companies): SLA
Missouri Kansas Texas RR: History in Tex. TEX 375-392
Missouri Pacific RR: History in Tex. TEX 311-356
Monson RR: History and operations MTF 32-40, 145-153;, 198
Morehead & North Fork RR: GRRK
Morgan & Fentress Ry: GRRT
Morrisdale Ry History WCM
Mount Jewett & Smethport RR History SMD
Mount Jewett Clermont & Northern RR History SMD
Mount Jewett Kinzua & Riterville RR History SMD
Mountain Central Ry: GRRK
Murfreesboro & Nashville RR: SLA
Nashville & Atlantic RR: GRRT
Nashville Chattanooga & St. Louis RR: Abandoned branches in Tn GRRT
Neilyville & Chappel Fork RR History SMD
Nelson & Albemarle RR: Operations circa 191944, SLY 5-11

Nevada Copper Belt RR: SLJ
Nevada County Narrow Gauge RR: History BRR/133-170
Nevada Northern RR: SLJ
New York & New England: formation of the RR system NERR 45-70
New York Central RR: Oil trains from Norris City, Il & Mt. Carmel Yd to the east coast in 1943 RRW/98-111; #6000 4-8-4 described RRE/84-103; Track maintenance RRRE/210-224; Milk trains RRRE/376-385. Track pans N.Y. to Chicago RRHE 205; 4-6-2 and 4-6-4 locos compare, K5, Ji & J3 RRHE 219-235; Manhattan west side frt. operations RRHE 173-183;
New York New Haven & Hartford RR: formation of system NERR 71-95
Nickijack RR: GRRT
Norfolk & Western Ry: Roanoke shop and eng. term. and yard RRW/248-258; Coal operations RRRE/141-153; Over-view of coal operation RRRE/301-308; Description of operations and war record RRRE/354-362;
North Bend & Kettle Creek RR History SSW
North Kane RR History SMD
Northern Pacific Ry: "North Coast Ltd" train described RRH/48-52; Pasco yard RRH/123-126; Radio use Minnesota to Montana RRH/220-228; Diesel pass. loco. assignments and frt. schedules of fast frts #603, #605, 607 and others RRH/266-279.
Ohio & Kentucky Ry: GRRK
Oil Valley RR (Pa) History SMD
Old Colony RR: History NERR 24-44;
Oleona RR History WSSF
Oleona & Germania RR History WSSF
Oneida & Western RR: GRRT
Oregon & Texas RR History SSW
Oregon Pacific RR: History RDV/32-70. 137-138
Oregon Pacific & Eastern RR: History RRDV 98-120, 142-143
Otto Glen RR History TAL
Owingsville & Olympia RR: GRRK
P. T. & E. RR History TCE
Pacific Fruit Express described RRHE 107-118;
Panther Gap RR: GRRK
Pennsylvania RR: Handling ore and passengers in war time RRW/122-130; List of symbol fast frts in 1943 RRHE 272-274;
Peru & Detroit Ry: GRRI
Philadelphia & Beach Haven RR: TRR
Pigeon River RR: GRRT
Piney Run RR 1Hisatory DDS
Pittsburgh & West Virginia Ry: All frt. train operations described RRMW/56-65;
Pittsburgh Cincinnati Chicago & St. Louis Ry: Several Indiana abandoned branches, GRRI
Pittsburgh Westmoreland & Somerset RR History WLH
Poe Valley RR History PPP
Portage Creek & Rich Valleuy RR History SMD
Portland & Northern RR (Pa) History TAL
Portland Ry, Lt. & Power Co: History RRDV/71-97, 138-142
Portsmouth & Tygert Valley RR: GRRK
Potato Creek RR History GEH
Prescott & Northwestern: SLA
Preston RR History TFWR
Quincy RR: SLJ
Reader RR: SLA
Red River Valley RR: GRRK
Reno RR History AVL
Rich Lumber Co: RNW/3-46;
Richmond Fredericksburg & Potomac RR: Unusual operation described 1940-1943 RRW/284-293; Governor & General 4-8-4s RRHE 292-296;
Rockcastle River Ry: GRRK
Rockwood & Tennessee River RR: GRRT
Rogers RR History TV
Rolfe & Forest City RR History TAL
Rolfe & Northern RR History TAL
Rutland RR: History NERR 226-246
Sacramento Valley RR: History BRR/3-29
Saint Joseph South Bend & Southern RR: GRRI
Saint Joseph Valley: GRRI
Saint Louis San Francisco RR: Brief review of operations RRMW/102-106; Fast frt #131, Kansas City to Birmingham & other frts over entire RR RRMW/284-290; River Div. and barge competition, St. Louis to Memphis RRMW 3761-364; History in Tex TEX 423-434;
Saint Louis Southwestern Ry: Springfield, Mo. yard operations RRMW/196-204; Fast frts and CTC RRH/53-62; Operations at Tyler Industrial District, Dallas RRH/168-174; History in Tex TEX 412-423
Saint Marys & Eastern RR histopry TAL
Saint Marys & Western RR History TAL
San Antonio & Mexican Gulf RR: TEX 89-93
San Francisco & San Jose RR: History BRR/30-48
Sandy Creek RR (Pa) History DDS
Sandy River & Rangeley Lakes RR: History & operations of RR and predecessors MTF 12-23, 55-122, 197199, 202-203;
Seaboard Air Line RR: Brief description of RR and pass. trains RRMW/95-101; CTC signaling Hamlet, NC to Savannah & train operation RRMW/187-195; Moving oranges to New York on train #80 and others RRMW/270-276; Phosphate rock trains RRMW/347-353; Fast frt. #257 - SB-1 RRRE/5-14;
Shade Creek RR History SLH
Sheffield & Tionesta RR History TCE
Shelbyville Lateral Branch RR: GRRI
Sierra RR: SLJ
Sinnemahoning Valley RR History GEH
Slate Run RR History SSW
Smethport RR History SMD
Smokey Mountain RR: GRRT
Snowshoe & Little Sandy RR History PPP
Somerset County RR History SLH
South Branch RR (Pa) History SMD
Southern Indiana Ry: GRRI
Southern Pacific RR: Diesels on Tehachapi RRMW/11-18; "Cascade" and "Sunset Ltd" trains described RRMW/82-94; "Shasta Daylight" described RRMW/177-186; Taylor Yd at Los Angeles described RRMW/312-317; Traffic, pass. & Frt. increase 1939-1943 all over the system described RRW/24-43; Frt. train operation in Cascades and Tehachapi RRW/237-247; San Francisco-Los Angeles overnight frt. RRRE/118-125; Roseville to Sparks operations RRRE/125-129; Supply trains RRRE/130-131; Sierra operations , troop trains and snow RRRE/324-330; Track maintenance RRH/80-86; Piggy back and fast frts on main line RRH/107-112; Houston terminal RRH/229-239; Shops and bi-level commuter cars RRH/261-265; Handling perishables frt. traffic over Sierras RRHE 123-129; Pacific Fruit Express described RRHE 107-118; In Texas History TEX 95-104, 190-282;
Southern Ry: Pass. traffic in 1930s and early 1940s RRW/149-159; General description and growth of business RRH/15-22; Over-view of pass. service RRH/93-99; Fast frts, LCL & new yards RRH/182-201; Diesel operation and training schools RRH/240-252; Abandoned branches in Tn, GRRT
Spring Creek RR History TAL
Sugar Run RR (Pa) History SMD
Sugar Valley RR (Pa) History PPP
Sullivan & Wyoming RR History GLT
Susquehanna & Eagles Mere RR History GLT
Susquehanna & New York RR History SSW
Syracuse & Milford Ry: RRI
Tennessee RR: GRRT
Tennessee & Carolina Southern RR: GRRT
Tennessee & Cumberland River RR: GRRT
Tennessee & North Carolina RR: GRRT
Tennessee Central: GRRT
Tennessee Coal Iron & RR: Abandon a branch, GRRT
Tennessee Kentucky & Northern RR: GRRT
Texas & New Orleans RR: History TEX 84-87;
Texas & Pacific RR: History TEX/356-375;
Tiadaghton & Fahnestalk RR History TV
Tionesta Valley RR History TCE
Tionesta Valley & Hickory RR History TCE
Tionesta Valley & Salmon Creek RR History TCE
Triplett & Big Sandy RR: GRRK
Trout Run RR (Pa) SSW
Unicoi Ry: GRRT
Union Pacific RR: CTC Las Vegas, Nev. to Yerno, Cal & train operation RRW/9-23; Perishable trains Ogden to Council Bluffs RRW/160-167; Pass. service to National Parks and TOFC piggy back service RRH/36-43; Dome cars RRH/127-133; North Platte yard RRH/159-167; Cheyenne stock yard RRH/286-289;
United Ry (Pa) History SLH
Valley RR (Pa) - Day Chem. Co) History SMD
Valley RR (Pa) - Weed & Co) Hiistory SMD
Vandalia RR: Abandoned branch in Indiana, GRRI
Virginia & Southwestern RR: GRRT
Virginia & Truckee RR: History BRR 49/78
Virginian Ry: Brief review RRMW/137-143; New electric locos RRMW/232-238; Moving coal from mines to tidewater - operation of the trains RMW/325-339; Sewells Point coal piers and operation and merchandise frt train #71 & 72 RRMW/365-369;
Vowinkle & Crown RR History TCE
Wabash RR: Frt. #90 Kansas City to Chicago and other manifest frts. RRMW/27-34; "Blue Bird" pass. train described RRMW/107-115; Traffic department RRMW/318-324: Several abandoned branches in Ind. GRRI
Walcott & Colegrove Brook & Potato Creek RR History SMD
Walden's Ridge RR: GRRT
Walla Walla & Columbia River RR: History RRDV/7-31, 137
Washington County RR: History TEX 73-75;
West Branch RR (Pa) History TAL
Western Maryland Ry: Frt. service briefly described RRMW/307-311; Performance of their freight locos.. PCC 223-248;
Western Pacific RR: Operation by CTC RRMW/35-55;
Whiskey Run RR History DDS
White Deer & Loganton Ry History WCM
White Deer Valley RR History WCM
Wilcox & Burning Well RR History TAL
Wilcox & Rocky Run RR History TAL
Wilcox RR History TAL
Williamsport & North Branch RR History MVL
Winona RR: GRRI
Winton Valley RR History. AVL
Wiscasset Waterville & Farmington RR: History & operations MTF 6-11, 166-192, 201, 205-207
Youghiogheny & Ligonier Valley RR History SLH
Yreka Western: SLJ

MISCELLANEOUS

American Locomotive Works: History, particularly after 1940 & diesels RRRE/165-178;
Budd Company: Passenger cars RRH/202-205;
C.T.C. (Centralized traffic control) & cab signals RRH/31-35
Communication on trains with radio History RRRE/15-28
Freight train operation - fast frts RRHE 1-15;
General Motors Co: Electro-Motive Co development of diesel loco. and gas. electric cars RRW/74-84; EMD 567 diesel engine RRMW/247-262;
Hot box detectors RRH/210-214;
Philippines: Luzon Military RR RRRE/363-375;
Pullman car operations RRHE 281-291;
Roller bearings on frt. cars RRRE/347-353; Roller bearings RRH/134-137
Sleeping car passenger service coast to coast RRRE/400-409;
Sperry Rail Service: Described RMW/277-283 & 340-346;
Ties: Described RRH/1-5;
Track pans and maintenance RRHE 196-205;
Track pans RCC 269-272
Yards: Classification, described RRHE 158-172;

WORLD WAR II
Troop trains: CMSP&P RR transcontinental run RRW/204/217; CRI&P troop trains RRW/194-203; SP over Sierras RRRE/324-330
Oil trains: Moving oil from Illinois to the East Coast RRW/98-111

NEWSPAPERS AND WALL STREET FINANCIAL REPORTS

The railroad investment baking firm of Harvey Fisk and Sons collected approximately 150,000 clippings on railroads from the mid 1890s until 1916 and then Princeton University, which received the collection, continued it on a lesser scale until the early 1930s. The sources of clippings were the eminent newspapers of New York City, Boston, Philadelphia, and other cities such as Pittsburgh and New Orleans, and the news clips of Dow Jones and the New York News Bureau concerning financial matters.

For many railroads there are only a few clippings, usually mundane items likely to be run across by any researcher investigating the railroad. However for the larger roads, some of the clippings will contain information that cannot be found elsewhere, and so are valuable to a researcher. Railroad bankruptcies and reorganizations are well covered. The clippings have been chronologically organized and reduced somewhat in size. They can be reproduced on a copier. and blown back up to original size if desired.

The following railroads had a significant number of clippings and have been reproduced into several sets. The number of pages is listed and each page averages about 8 to 10 items. They are located at the Railroad Museum of Pennsylvania, Strasburg, Pa, Barriger Library at the University of Missouri at St. Louis, and California State RR Museum at Sacramento. The Barriger Library has the full collection covering thousands of railroads, but many have only a few clippings. The Electric Railroaders Association at New York City has the complete set of the electric railway clippings.

American Locomotive Co ---------- 97 pages
Ann Arbor ---------- 9
Atchison Topeka & Santa Fe----------88
Atlanta Birmingham & Atlantic ----------17
Atlantic & Pacific----------10
Atlantic Coast Line ----------24
Baltimore & Ohio---------- 176
Bangor & Aroostook ---------- 7
Bessemer &Lake Erie ----------10
Boston & Albany ----------22
Boston & Maine----------72
Boston Terminal Co ----------11
Buffalo & Susquehanna----------22
Buffalo Rochester & Easrern ---------- 9
Buffalo Rochester & Pittsburegh ----------28
Canadian National ----------10
Canadian Northern----------40
Canadian Pacific ---------- 148
Carolina Clinchfield & Ohio ----------26
Central New England ----------17
Central of Georgia ----------50
Central Railroad of New Jersey ------- 0 (file lost)
Central Vermont ----------16
Chesapeake & Ohio ---------- 148
Chicago & Alton----------66
Chicago & Eastern Illinois ----------32
Chicago & North Western----------48
Chicago Burlington & Quincy----------36
Chicago Cincinnati & Louisville ----------10
Chicago Greatt Western ----------68
Chicago Indianapolis & Louisville----------18
Chicago Junction Ry ----------14
Chicago Milwaukee & Puget Sound----------14
Chicago Milwaukee & St. Paul ---------- 164
Chicago Peoria & St. Louis ----------12
Chicago Rock Island & Pacific ---------- 168
Chicago Saint Paul Minneapolis & Omaha ------12
Chicago Southern ---------- 8
Chicago Terminal Transfer----------28
Choctaw Oklahoma & Gulf ---------- 8
Cincinnati Hamilton & Dayton ----------64
Cincinnati Southern ---------- 7
Cleveland Cincinnati Chicago & St. Louis ------28
Colorado & Southern----------42
Colorado Midland ---------- 8
Columbus Sandusky & Hocking ---------- 6
Delaware & Hudson---------- 138
Delaware Lackawanna & Western ---------- 120
Denver & Rio Grande Western ----------78
Denver & Salt Lake ----------20
Denver & Southwestern ----------13
Denver Northwestern & Pacific ----------28
Des Moines & Fort Dodge ----------14
Detroit & Mackinac ---------- 7
Detroit Mackinac & Marquette ---------- 7
Detroit Southern---------- 20
Detroit Toledo & Ironton ---------- 68
Erie----------232
Fitchburg RR ---------- 8
Florida East Coast---------- 10
Fort Worth & Denver City---------- 9
Grand Trunk ---------- 40
Grand Trunk Pacific ---------- 48
Great Northern----------186
Great Northern of Canada ---------- 7
Green Bay & Western ---------- 9
Gulf & Ship Island---------- 15
Harriman Lines (see also Union Pacific) -------- 12
Hoboken Manufavctuirers ---------- 8
Hocking Valley---------- 42
Houston & Texas Central ---------- 8
Hudson & Manhattan RR ----------162
Illinois Central---------- 48
Interborough Rapid Transit (N.Y.C.) ----------280
International Great Northern ---------- 37
Iowa Central ---------- 26
Kanawha & Michigan ---------- 14
Kansas City Fort Scott & Memphis ---------- 7
Kansas City Mexico & Orient---------- 40
Kansas City Pittsburg & Gulf ---------- 54
Kansas City Southern---------- 72
Kansas Pacific ---------- 8
Lake Erie & Western ---------- 20
Lake Shore & Michigan Southern ---------- 64
Lehigh Valley----------138
Little Kanawha ---------- 8
Long Island ---------- 72
Louisville & Nashville ---------- 54
Louisville New Orleans & Chicago ---------- 10
Maine Central---------- 8
Michigan Central---------- 24
Minneapolis & St. Louis ---------- 69
Minneapolis St. Paul & Sault Ste. Marie -------- 36
Missouri Kansas Texas----------104
Missouri Pacific ----------154
Mobile & Ohio ---------- 12
Mobile Jackson & Kansas City ---------- 10
Nashville Chattanooga & St. Louis ---------- 8
New Orleans Mobile & Chicago---------- 10
New Orleans Terminal ---------- 21
New Orleans Texas & Mexico ---------- 9
New York & Harlem RR---------- 14
New York & Jersey RR ---------- 13
New York & Long Island RR ---------- 26
New York Central----------350
New York Chicago & St. Louis---------- 42
New York Connecting---------- 13
New York New Haven & Hartford ----------260
New York Ontario & Western---------- 42
New York Pittsburgh & Chicago ---------- 13
New York Westchester & Boston---------- 18
Norfolk & Western---------- 46
Norfolk Southern ---------- 26
North Caro;lina RR ---------- 11
Northern Central----------8
Northern Pacific ---------- 84
Oregon Pacific ----------8
Oregon Ry & Navigation Co ---------- 16
Oregon Short Line---------- 24
Pennsylvania RR ----------276
Peoria Decatur & Evansville ---------- 10
Pere Marquette---------- 42
Philadelphia & Reading (Reading Ry) ----------114
Pittsburgh & Lake Erie ---------- 14
Pittsburgh & West Virginia----------7
Pittsburgh & Western Ry----------7
Pittsburgh Cincinnati Chicago & St. Louis ----------13
Pittsburgh Shawmut & Northern----------8
Rio Grande Western ----------8
Rutland---------- 21
Saint Joseph & Grand Island ----------7
Saint Louis Iron Mountain & Southern ---------- 10
Saint Louis Peoria & Northern ---------- 10
Saint Louis San Francisco----------122
Saint Louis Southwestern ---------- 31
Saint Louis Vandalia & Terre Haute ----------7
San Antonio & Aransas Pass ----------7
San Pedro Los Angeles & Salt Lake ---------- 14
Seaboard Air Line ---------- 98
Southern ---------- 90
Southern Indiana ---------- 11
Southern Pacific ----------220
Tecxas & Pacific ---------- 52
Tennessee Central ----------8
Tennessee Coal Iron & RR ---------- 14
Terminal RR Association of St. Louis ---------- 28
Toledo St. Louis & Kansas City ---------- 12
Toledo St. Louis & Western ---------- 26
Toledo Terminal ----------7
Union Pacific & Harriman empire (see also
Harriman Lines above) ----------380
Virginian---------- 26
Wabash ----------210
Wabash Pittsburgh Terminal ---------- 66
Washington Terminal RR ---------- 14
West Jersey & Sea Shore---------- 10
Western Maryland---------- 66
Western Pacific ---------- 48
Wheeling & Lake Erie----------116
Wisconsin Central---------- 44

PERIODICALS AND PROCEEDINS

This is a complete (?) list of several hundred as of c. 2000 along with locations where they could be found. This list includes those that are included in Book #2, but does not include rail fan organization journals and newsletters. They can be found in Appendix D, *The Railroad Hobby – 2010*.

I first give 21 pages of the three letter OCLC library abbreviations and four letters for those I made up because they did not have the library code in 2000, for 700 locations. These pages are duplicated in Book #1. Following this are the names of the publications and locations.

Alabama Dept. of Archives, Montgomery, Ala, 36130 *(Letter)*

Barriger Library, St. Louis Mercantile Exchange, Univ. of Missouri, St. Louis, Mo.**Association of American Railroads,** 50 F Street, N.W., Washi has the former ngton,D.C. 20001. Open Monday-Friday 9-4. *(Visited, Check List of Publications on American Railroads before 1841.Most of the collection has been moved to the Barriger Library of the St. Louis Mercantile Exchange, Univ. of Mo. – St. Louis Railway Economics 1912 book) Most of its collection moved to Uniuv. Of Mi8ssouri – St. Louis, Barriger Library.* This library has a huge number of railroad annual reports, books of all kinds, periodicals, and government reports. In 1912 it published a guide to railroad archival materials at 14 major libraries. The *Check List of Publications on American Railroads Before 1841* lists some railroads not found when the library was visited in 1988. However, the items were not checked against the microfiche card index catalog. Railroad formed prior to 1841 have all their materials published prior to 1841 reported in *Check List of Publications on American Railroad before 1841.* Published in 1942 it lists the title and general contents and names of all railroads in each document. The materials pertaining to named railroads in this book have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.

They had a large collection of railroad mortgage description pamphlets that are not filed with other old railroad material. Possibly has been disposed. Most mortgages are also at Pliny Fisk Financial Libra-ry at Princeton Univ.

Not included in the *Guide* are magazine articles from about 1910 to 1950s that are cataloged in their microfiche card catalog. (8000 micro fiche negatives would have to be checked so as to find all railroads. In doing research at the library, this catalog should be checked.) For railroads in existence circa 1915-1920 having an X only in Data, the items are often merely the Tentative I.C.C. Valuation Report. The tentative report was issued before the final valuation which was published in book form. For the major railroads existing in the 1930s the library has the Reconstruction Finance Corp. charts on many. The only other major R.F.C. holding is at Northwestern University.

Univ. of Alabama, Birmingham, Ala. *("Bibliography of Louisiana Books and Pamphlets, A" by D. E. Tompson at Univ. of Alabama*). Possibly only part of holdings entered in the *Guide*. No response to request for information.

ACHS **Allegheny County Hist. Soc.,** 218 Washington St, Cumberland, Md. 21502. Very little. N.R.H.S. Western Maryland Chapter in Cumberland has more, see NRHSC

ACM **University of South Alabama** USA Springhill Ave. Mobile, Ala. 36688 *(Letter)*

ACMUS **Amon Carter Museum,** P.O.Box 2365, Ft. Worth, Tex. 76113. *(Letter)* Photos and ephemera are in the Mazzulla collection. Pictures may not be reference caliber.

ADIR **Adirondack Museum,** Blue Mountain Lake, N.Y. 12812 *(Nat.Union Cat, Letter)*

AFU **Univ. of Arkansas,** Fayetteville, Ark. 72701 *(Letter)*

AGSOC **American Geographical Society,** Broadway at 156th St. New York City 10031 has the A. J. Russell negatives of the 1860s.

AHFAM **Anchorage Hist. & Fine Arts Mus,** 121 W. 7th Ave, Anchorage, Ak, 99501. *(letter)*

AKAR **Alaska State Archives,** State Capitol, Juneau, Ak, 99811. Has special files on the Alaska RR. Other railroad information on most or all railroads in reports of the territorial governor, numerous agencies and so forth. Not readily indexed by railroads. *(letter)*

AKCHS **Cordova Hist. Soc.,** P.O. Box 3921, Cordova, Ak, 99574 *(letter)*

AKMTI **Museum of Alaska Transportation & Industry,** P.O. Box 909, Palmer, Ak, 99645 *(Letter)*

AKR **Univ. of Akron,** Akron Hist.Research Center, Akron, Ohio 44325.*(Visited, Letter)* Corp. papers of Akron, Canton & Youngstown RR.

AKSMH **Skagway Museum & Hist. Soc.,** Box 415, Skagway, Ak, 99840

ALAU **Univ. of Alabama,** Box 870266, Tuscaloosa, Ala, 35487 *(Letter)* They have a large number of photos of railroad scenes, cars, and locos. Not yet cataloged.

ALBIH **Albany Institute of Hist. & Art,** 125 Washington Ave., Albany, N.Y.12210 *(Nat.Union Cat., Visited, Letter)* The Institute has the huge and superb New York Central collection of archives and artifacts (coded ALBII) from the NYC and predecessor lines which the NYC gathered together into a collection in the 1920s or 30s. It includes pictures, broadsides, timetables and other items going back to the 1830s with most pre 1900. It also has the huge coll. of Ezra Cornell which has eleven boxes of railroad materials mostly dealing with N.Y.C. predecessors and other railroads prior to 1850 (coded ALBIJ.) The Institute has inventories of both collections.

LBII **Albany Institute of Hist. & Art** - N.Y.C.RR collection. See ALBIH

ALBIJ **Albany Institute of Hist. & Art** - Ezra Cornell collection. See ALBIH

ALCHS **Allen County Historical Society,** 620 W. Market., Lima, Ohio, 45801. *(Neg. cat., letter)* Lima Locomotive Works negatives, much other material

ALCO **Alco Historic Photos,** P.O. Box 610, Schenectady, N.Y. 12301. *(Neg. cat.)* Alco builder photo negatives.

ALK **Alaska Historical Library,** Juneau, Ak, 99811 *(Nat.Union Cat, Letter)*

ALLEN **Don Hensley,** P. O. Box 1282, Bartow, Fl 33830. Has Florida and Georgia portion of John B. Allen's negative collection. Catalog and prints for sale.

AMON **Copper Village Museum.,** P.O. Box 29, 114 E. 8th St, Anaconda, Mont. 59711.

AMU **Alabama State University Library,** P. O. Box 5, University,(Montgomery), Ala 35486 *(Nat.Union Cat.)* Possibly only part of holdings entered in the *Guide*. No response to two written request for information.

AOW **American Philosophical Society,** 105 S. 5th St., Philadelphia, Pa., 19106 *(Catalog of Manuscripts in the Am. Phil. Soc.,Libr., Check List of Publications on American Railroads before 1841; New Guide to the Archives and Manuscript Coll. of the Am. Phil. Soc,1987; Letter, Visited)* The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.
Card catalog does not cross reference railroad names under the subject of railroads, and so a few railroads formed between 1840 and 1870 lie undiscovered in the cards.

AOX **Library Company of Philadelphia-Ridgway Libr.** 1314 Locust St., Philadelphia, 19107 *(letter, Check List of Publications on American Railroads before 1841., Visited)* The library's materials are mostly prior to 1860 and everything is pre 1900. The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.
Card catalog does not cross reference railroad names under the subject of railroads, and so a few railroads formed between 1840 and 1860 lie undiscovered in the cards.

APHS **Arizona Hist. Soc.,** 949 E. 2nd St.,Tucson, Ariz, 85719 (until 1984, Ariz. Pioneers Hist. Soc.) *(Nat.Union Cat., Letter)* Materials well cataloged including all magazine articles back to 1900s dealing with railroads indexed by railroad. Also biographical files and manuscript files and clipping files. Several of the collections in the *Guide* listed with archive numbers may not be able to find. Has a lot of material on S.P.

APRR **Allegheny Portage RR National Historic Site.,** Cresson, Pa., 16630

AQM **American Antiquarian Society,** 185 Salisbury St, Worcester, Mass. 01609. Open Monday-Friday. *(Visited, Check List of Publications on American Railroads before 1841.Nat.Union Cat.)* Contact ahead of visit is desirable, and all first time users will be interviewed before granted permission to research. Has the Thomas W. Streeter collection of pre 1841 railroad archives, the largest such collection in existence. The *Check List of Publications on American Railroads before 1841* lists the Streeter items, and it lists items also owned at that time by the Antiquarian Society. These latter items are not in with the Streeter materials. It is necessary to check a main card index for items of a railroad which may be in both collections of AQM and Streeter. The AQM items were not observed when the Society was visited.
The Society limits its collection mostly to pre 1875 although its passes are 1870s-1910. Passes contained in two scrapbooks in Archives Dept. and envelops in Graphics Dept. Most material is in archive boxes, but oversize is stored separately as are maps and broadsides (single sheet documents). Some timetables in the archive boxes and others in Graphics Dept. Has many stock certificates and some old tickets (kept with passes). The X in the archives column may mean material is at only one location or several. Ginery Twichel coll. coded AQMT.

AQMT **American Antiquarian Society - Ginery Twichell Coll.,** 185 Salisbury St., Worcester, Mass. 01609. A collection, many being passes, of about 120 railroads of pre 1890.

ATEXM **Museum of American Textile History,** Lowell,Mass, 01853 (ex Merrimack Valley Textile Museum. *(Nat.Union Cat., Letter)* Collection of Mason Machine Works loco.drawings and some pictures.

ATSF **Santa Fe Railway Public Relations Dept.,** 80 E. Jackson St., Chicago, Il 60604. Has photographs of AT&SF, but not known if old.

AUA **Auburn Univ.Library,** Dept. of Archives, Ala. 36849 ; Auburn Univ. Library, Auburn, Ala 36830 *(Nat..Union Cat., Letter)*

AVL **Allegheny College Library,** Meadville, Pa. 15219 *(Nat.Union Cat., Letter)*

AZBHM **Bisbee Mining & Historical Museum,** P.O. Box 14, Bisbee, Az 85603 *(Letter)*

AZGC **Grand Canyon National Park,** Study Collection, Grand Canyon, Az 86203 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

AZHP **Arizona Historical Society,** Phoenix Chapter, 1242 North Central Ave, Phoenix Az 85004 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984; Documents of Southwestern History, 1972)*

AZJSH **Jerome State Historical Park,** Jerome, Az 86331 *(Letter)*

AZKNF **Kaibab National Forest,** Williams, Az. 86046 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

AZLAP **Arizona Dept. of Library, Archives and Public Records,** 1700 W. Washington St., Phoenix, Az 85007 *(Letter)*

AZMN **Museum of Northern Arizona,** Rte 4, Box 720, Flagstaff, Az 86001 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

AZN **Northern Arizona University Library,** C.U. 6022, Flagstaff, Az 86001 *(Nat.Union Cat. , "Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

AZS **Arizona State Univ.,** Tempe, Az 85287 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984, Letter)*

AZSHS **Sharlot Hall Historical Society,** 415 West Gurley, Prescott, Az 86301 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984, Letter)*

AZU **Univ. of Arizona,** library, Tucson, Ariz., 85721 *(Nat.Union Cat., "Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984, Letter)*

BAERA **Bay Area Electric Railroad Association,** P.O. Box 3694, San Francisco, Cal. 94119; California Railway Museum, Star Rte 283, Box 150, Suisun City, Cal. 94585 Only part of holdings entered in the *Guide*. No response to three written requests for information.

BAL **Univ. of Baltimore,**Library, Baltimore, Md. *(Letter)*

BALD **Baldwin Loco. Works** builder photos. c/o Railroad Museum, Strasburg, Pa. 17579 *(neg. catalog)*

BARCO **Barco Photo Agency,** 100 Beekman St., Suite 1K, New York City 10038, negatives of Brooklyn elevated railways.

BARPF **St. Louis Mercantile Exchange, Barriger Lib.** Huge Pliny Fisk coll. Of newspaper and financial clippings as indicated in the DATA column with an X. Mortgages have little information. See AARL – most of it moved to Barriger.

BAT **Library of Boston Athenaeum,** 10 1/2 Bea and PULF for Pliny Fisk Coll.con St., Boston, Mass. 02108 *(Letter, Check List of Publications on American Railroads before 1841., visited)* This is a private library organized in 1807, and so has a considerable amount of pre 1870 material. Write ahead prior to visiting. The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.
Card catalog does not cross reference railroad names under the subject of railroads, and so a few railroads formed between 1840 and 1870 lie undiscovered in the cards.

BBA **Bowdoin College,** Library Brunswick, Me. 04011; *(Nat. Union Cat., Visited, Letter)* Oliver O. Howard papers not yet sorted on railroads.

BCHS Butler County Hist. Soc., Hamilton, Ohio 45012*(Nat. Union Cat.)*

BEDHS **Bedford Historical Society,** 30 S. Park St., Bedford, Ohio 44146 *("Guide to Manuscript Collections and Institutional Records in Ohio", 1974; letter)* Leonard Siegel RR Coll. of books, ephemera, photos, timetables. etc kept at the Bedford Museum and the former W&LE Depot has displays

BEND **Bender, Henry E., Jr.,** 6257 Solano Dr., San Jose, Cal., 95119. *(Neg. catalog)* A private library at his home of books, negatives/photos available to qualified researchers.

BGU **Bowling Green State Univ.,** Center for Archival Collections, Bowling Green, Oh. 43403 *(Letter)*

BHMS **Bothell Hist. Museum Soc.,** P.O. Box 313, Bothell, Wa 98011

BIRML Birmingham Public Library, Birmingham, Ala. in manuscripts dept. *(Nat.Union Cat.)*

BLAIR **Blair County Hist. Soc.,** Altoona, Pa. 16603 *(letter)*

BLUWV **Bluefield Public Library,** Bluefield, W. Va. 24701

BMHS **Boston & Maine Railroad Historical Society,** P.O. Box 2936, GMF Woburn, Ma. 01888 *(letter)*.. Collection is at Center for

Lowell History, Patrick Mogan Cultural Center, 450 French St., Lowell, Mass.01853

BMU **Univ. of Massachusetts**, Harbor Complex, Boston, Mass. 02125

BNYPL **Beacon Public Library,** Beacon, N. Y. 12508. Has photo collection of Central New England RR and NYC.

BRANF **Shore Line Trolley Museum**, 17 River St., East Haven, Ct. 06512 (Branford El. Ry. Ass.) *(Letter)* Most of their library material is stored uncataloged with no plans soon to complete organization of it. Photographs have been organized and have been entered in the *Guide*.

BRILL **J. G. Brill Car Co.** negatives c/o Historical Society of Pennsylvania, 1300 Locust St., Philadelphia, Pa. 19107. The company built mostly street cars beginning in the 1870s, rail buses of the 1920s & 30s, and some railroad cars.

BRL **Boston Public Library,** Boston, Mass., 02117 *(Nat.Union Cat., Check List of Publications on American Railroad before 1841, Visited, Letter)* Second only to New York Public Library for miscellaneous railroad reference materials. The huge J.O.Brew street car collection not yet inventoried nor included in the *Guide*. Has a huge general collection of railroad books. There is no cross reference of railroad names under the subject of railroad. Names were thought of and then checked to see if there were holdings. Many lesser known railroads were found not be be represented. 350 railroads were found. The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.

BSBPA **Butte Silver Bow Public Archives,** P.O.B. 81, 17 W. Quartz St, Butte, Mont: Butte Anaconda & Pacifc Ry corporate archives; Eel river RR archives

BTS **Bates College Lib.**, Lewiston, Me. 04240 *(Visited)* Library has a much railroad law material.

BUEG **Truson V. Buegel**, P.O.Box 624, Downey, Cal. 90241. Mostly original drawings of relatively recent Lima steam power.

BWLIB **G. W. Blunt White Library,** (at Mystic Seaport Museum) Mystic, Ct. 06355 *(Nat.Union Cat, Guide to the Manuscript Coll. of the G. W. Blount White Library)*

CALHS **California Hist. Soc.**, 2090 Jackson St., San Francisco, Cal. 94109 *(Nat.Union Cat., visited)* Although the official historical society for the entire state of California it is currently open five hours, one day a week and difficult to use. It has little railroad material and no photographic collection of railroads except possibly S.P. They have the poorest railroad collection of any major state historical society.

CALPL **Society of California Pioneers Lib.,** 456 McAllister St., San Francisco, Cal. 94102 *(Nat. Union Cat., Visited)*. This is a private library and request to use it must be made in writing for an appointment. It has very old California material. They have a vertical file on several railroads marked in the *Guide* with an X under Data. Railroad negatives in the Turrill & Miller collection of San Francisco covering 1900-1917 are only partially cataloged as of 1991. Lawrence & Houseworth negatives of 1860s-70s have railroad views. These are also at the California State Railroad Museum at Sacramento. Other railroads materials are cataloged in the card index.

CALS **Cal's Classics,** 192 E. River Rd, Nichols, N.Y. 13812. *(Neg.Cat.)* Cataloged negative collection with prints for sale.

CANAL **Provincial Archives of Alberta,** 12845 - 102 nd Ave., Edmonton, Alberta T5N OM6.*(Letter, "Union List of Manuscripts in Canadian Repositories 1975 and supplement 1981-82)* Has particularly good amount on Northern Alberta RR. Most material on CNR and CPR is in the Alberta area.

CANAP **Public Archives of Canada,** 395 Wellington St, Ottawa, Ont. K1A 0N3

CANAR **Public Archives of Canada-Merrilees,** 395 Wellington St., Ottawa, Ont. K1A 0N3. Has Andrew Merrilees collection (#1980-149) much of which he bought from Charles E. Fisher. It comprises 650 boxes of photos and negatives containing 200,000 prints, 28,000 glass plates, and 110,000 negatives. The 100 page inventory is poor as only about 300 railroads are listed having negatives/glass plates and 250 railroads having prints. The same railroad has material scattered all thru the collection in no particular order so that it is virtually impossible to find most things. It is estimated that it would take a fast person probably 3000 hours to sort the prints and negatives by railroad and then by locos, cars, stations, scenes, etc. After ten years ownership the Archives has done nothing except to compile the totally inadequate 100 page listing.

CANAU **Univ. of Alberta,** Edmonton, Alberta. Probably incomplete. Did not respond to written request for information.

CANBA **Provincial Archives of British Columbia,** 655 Belleville St., Victoria, B.C. V8V 1X4 *(List of Manuscripts in Canadian Repositories and Supplement 1981-2, Letter)* Railroad material is well indexed. It is in one of several groups - ADD Mss for non govt. material, GR for government records, Provincial and Federal Royal Commissions, G.K. Hall dictionary catalog of 1971, and maps/plans dept. They may also have clipping files.

CANBR **Provincial Archives of New Brunswick.** P.O. Box 6000, Frederickton, N.B., E3B 5HI. Information is from 1977 guide to manuscript collections in New Brunswick archives and RS22 Railway Administration Records. The archive records include contracts, leases, work done, engineering reports and maps. Material is well indexed. Many railroad photos but filed by subject rather than by railroad name.

CANBU **Univ. of British Columbia.** Vancouver., B.C. Probably incomplete. Did not respond to request for information.

CANCH Canadian RR Hist. Assoc., Canadian Ry Museum, Delson, Que. Montreal Loco. Wks records

CANDC **Dawson Museum & Hist. Society**, Box 303, Dawson City, Yukon Territory YOB 1G0

CANDU **Dalhousie Univ. Libr.**, Halifax, N.S. *(List of Manuscripts in Canadian Repositories and Supplement 1981-2)*

CANGA **Glenbow Alberta Institute**, Archives Div., 902 11th Ave., S.W., Calgary, Alberta T2R 0E7 *("Union List of Manuscripts in Canadian Repositories 1975 and supplement 1981-82, Letter)*

CANGU **University of Guelph Libr**, Special Coll. Guelph, Ont. *(List of Manuscripts in Canadian Repositories and Supplement 1981-2)*

CANHA **Hamilton Public Lib,** Hamilton, Ontario L8R 3K1. *(Letter)* For a public library, has an excellent collection.

CANRH **Canadian Railroad historical Assoc.,** Canadian Ry museum, Delson, Que.. Montreal Loco. Records and much other material not indexed.

CANKM **Kamloops Museum**, Kamloops, B. C. *(List of Manuscripts in Canadian Repositories and Supplement 1981-2)*

CANLA **Lennox & Addington Hist. Soc.**, Napanee, Ont. *(List of Manuscripts in Canadian Repositories and Supplement 1981-2)*

CANMA **Provincial Archives of Manitoba**, 200 Vaughan St., Winnipeg, Man R3C 1T5. *(Letter)* Except for photos of the primary railroads in Manitoba, it has little except provincial government material on the railways.

CANMC **McCord Museum of Canadian History,** 690 Rue Sherbrooke Ouest, Montreal, Que. H3A 1E9 *(Letter)* has the Norman Photographic Archives of cars, locos, stations, construction scenes.

CANMG **McGill University McLennan Library,** 3459 McTavish St., Montreal, Que H3A 1Y1 *(letter)*

CANMU **Univ. of Manitoba**, library, Winnipeg, Man.,R3T 2N2. Material is in rare books dept. and newspaper article index file.

CANNB **New Brunswick Museum**, 277 Douglas Ave., St. John, N.B. E2K 1E5. *(Inventory of Manuscripts" New Brunswick Museum 1967, Letter)* Passes and tickets not included in *Guide* nor ephemera and archival type materials. Uncataloged Anderson papers includes timetables, photos, and articles from periodicals.

CANNF **Univ. of New Brunswick**, Frederickton, N.B. *(List of Manuscripts in Canadian Repositories and Supplement 1981-2)*

CANNL **Provincial Archives of Newfoundland & Labrador**, Colonial Bldg., Military Rd., St. John's, Nfld. *(letter)*

CANNM National Museum of Science & Technology, Ottawa, Ont. H.K.Porter drawings and photos.

CANNS **Public Archives of Nova Scotia**, 6016 University Ave., Halifax, N.S. B3H 1W4 *(letter)*

CANNU **Memorial Univ. of Newfoundland**, Centre for Nfld. Studies, St. John's *(List of Manuscripts in Canadian Repositories and Supplement 1981-2)*

CANON **Archives of Ontario,** 77 Grenville St., Queen's Park, Toronto, Ont. M7A 1C7 *("Union List of Manuscripts in Canadian Repositories 1975 and supplement 1981-82 Letter, Microfilm*.

CANPE **Public Archives of Prince Edward Island**, Box 1000, Charlottetown, PEI. C1A 7M4 *(Letter)*

CANPQ **Archives Nationales du Quebec**, 1210, avenue du Seminaire, Case postale 10450, Sainte Foy, Quebec G1V 4N1, *(List of Manuscripts in Canadian Repositories and Supplement 1981-2, Letter)* Quebec archives have major holdings stored at Quebec City and Montreal.

CANQU **Queen's University Archives**, Kingston, Ont. *(List of Manuscripts in Canadian Repositories and Supplement 1981-2)*

CANSA **Saskatchewan Western Development Museums**, P.O.Box 1910, Saskatoon, Sask., S7K 3S5. *(Letter)* Has four museums at Moose Jaw, North Battleford, Saskatoon, and Yorkton. Material may be any of these.

CANSL **Sydney & Louisburg Ry Hist. Soc.**, Louisbourg, Nova Scotia B0A 1M0. *(Letter)* Museum open June to Sept..

ANSQ **Societe d'histoire des Cantons de l'Est**, Sherbrooke, Que. *(List of Manuscripts in Canadian Repositories and Supplement 1981-2)*

CANSU **Saskatoon Archives Board,** Univ. of Regina, Regina, Sask., S4S 0A2 *(letter)* Large amount of material.

CANTL **Metropolitan Toronto Reference Library,** 789 Yonge St., Toronto, Ont. M4W 2G8 This is the reference department of the Toronto Public Library *(Guide to the Manuscript Coll. in the Toronto Public Library" 1954, Letter)* Not included in this *Guide* is printed ephemera such as printed flyers.

CANTO **Univ. of Toronto,** Toronto, Ont. M5F 1A5. Probably incomplete. Did not reply to request for information.

CANTP **Metropolitan Toronto Central Library**, Toronto *(List of Manuscripts in Canadian Repositories and Supplement 1981-2)*

CANTU **Trent Univ.**, Peterborough, Ont. *(List of Manuscripts in Canadian Repositories and Supplement 1981-2)*

CANVA **City of Vancouver Archives**, Vancouver, B. C. *(List of Manuscripts in Canadian Repositories and Supplement 1981-2)*

CANWM **Whyte Museum of the Canadian Rockies**, Box 160, Banff, Alberta *(Letter)*

CANWU **University of Western Ontario**, London, Ont. *(List of Manuscripts in Canadian Repositories and Supplement 1981-2)*

CANXU **St. Francis Xaxier Univ**, Cape Bretoniana Archives, Sydney, Nova Scotia *(List of Manuscripts in Canadian Repositories and Supplement 1981-2)*

CANYT **Yukon Archives**, Territory of Yukon, Whitehorse, Yukon, Canada

CAP **Azusa Pacific Univ.**, Azusa, Cal. 91702. *(Letter)* Has Geo. E. Fullerton Libr. of Western Americana, which has probably some railroad material, but not cataloged. References in the *Guide* are from *The Microbook Libr. of Am. Civilization* and found under the subject of railroads.

CASA **California State Archives**, Sacramento, Cal. *(Visited)* Has annual reports and PUC maps of all California railroads. Collection F3617:407 is railroad related newspaper clippings c. 1903 and comprises some of the entries under "Data". Most of the other Data entries are information from the PUC files as are maps and drawings where checked. They have subject card catalog and extensive PUS map books and plat books.

ASAC **Sacramento Archives & Museum Collection Center**, 551 Sequoia Pacific Blvd., Sacramento, Ca 95814-0229, *(Visited)* Some good photos, but not much else.

CASBC **San Bernardino Valley College,** 701 So. Mt. Vernon Ave., San Bernardino, Cal. 92410. The library has no materials pertaining to specific railroads but has a good collection of railroad historical, statistical, encyclopedias, and world wide material such as Janes World Rys.

CAX **California State Library,** P.O. 2037, Sacramento, Cal. 95809. *(visited, Nat. Union Cat. Letter)* Has card index of 600 railroad listing references from periodicals, newspapers, books, and some special collections. Most railroad material including pictures in the California Room.

CBRMU **Chesapeake Beach Ry Mus,** P.O.Box 228, North Beach, Md. 20714 *(letter, Nat. Union Cat.)*

CBY **Colby College, Waterville, Me** 04901 *(Visited.)*

CCCC **Cape Cod Community College**, West Barnstabloe, Ma 02668 *(Nat. Union Cat.)*

CCH **California State Univ.**,Library, Chico, Cal., 95929 *(Nat.Union Cat., Letter)* Has excellent collection of west coast railroad survey maps of 1853-55.

CCHM **Canadian County Hist. Mus,** 300 S. Grand St., El Reno, Okla, 73036.*(Letter)* CRI&P materials and maybe predecessors.

CCHS **Carlton County Hist. Soc.**, P.O. Box 100, Carlton, Minn. 55718 *(Nat.Union Cat.)*

CCMA **Churchill County Museum & Archive,** 1050 S. Maine St., Fallon, Nev. 89406 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

CCO **Occidental College Library,** 1600 Campus Rd, Los Angeles 90041. *(Visited)* John Boyd coll. is very large and comprises all the railroad materials at the college.

CDF **Fort Lewis College,** Library, Center for S. W. Studies, Durango, Co. 81301 *(Nat.Union Cat., "Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)* R.G.S.RR material and others in S.W.Colo.

CDS **San Diego State Univ.**, Love Libr., Campanile Dr., San Diego, Ca. 92182 *(Visit)* Miscellaneous railroad material (no special collections) in San Diego Memorabilia Inventory and Hotel del Coronada Correspondence Index.

CEIHS **Chicago & Eastern Illinois RR Hist. Soc.**, 26 Woodland Drive RR #1, Bismarck, Il., 61814, (Address may change) *(Letter)* Has C&El employees tts and other items.

CFMF **Camp Five Museum Foundation**, Laona, Wis., 54541*(letter)*

CFS **California State Univ. Library**, Special Collections, Fresno, Cal.93710 *(Letter)*

CGP **Chicago Public Library**, Special Coll. Div., 78 E. Washington St, Chicago, Ill. 60602. *(Letter, visited)* Has little and what there is is in the Chicago City-Wide Collection.

CGU **Univ. of Chicago Regenstein Library,** 1100 E. 57th St., Chicago, Il., 60637. (Nat. Union Cat., *Visited, Railway Economics 1912 book)* The Univ. of Chicago has two libraries - this one and the John Crerar Library (IAB). Regenstein Library has all the railroad materials the University acquired prior to the 1980s. Largely annual reports. Specific railroad names are not crossed referenced under Railroad. It is believed that they have some materials on railroads not included in this *Guide*. Regenstein Library's Manuscripts Dept and in its main card catalog are extensive materials on foreign railroads. Countries in Manuscripts Dept. listed in this *Guide*. See comments on Crerar, IAB.

CHAN **Charles Chaney negative collection**, c/o Smithsonian Institution, Div. of Transportation, Washington, D.C. 20560. *(neg. catalog)*

CHSM **Chewelah Hist. Soc. Museum**, E. 3rd St., Chewelah, Wa 99103

CHT **Cincinnati Historical Society,** Cinc. Union Terminal, Cincinnati, Oh., 452xx. *(Nat.Union Cat., Letter)* Has corp. records, mostly legal, and detailed maps of CCC&St.L (Big Four). See CHTBF below. Has Cin. Sou RR corp. records. miscellaneous small collections, etc.

CHTBF **Cincinnati Historical Society Big 4 Corp. Records,** Cincin. Union Terminal, Cin., Oh. . Collection primarily legal documents such as inc. records, merger, mtges, contracts. Also extensive detail track maps (stored in the map dept.) 5 cu.ft. + maps

CIN **Univ. of Cincinnati,** Cincinnati, Ohio 45221. *(Letter)*

CIT **California Institute of Technology**, Pasadena, Cal. 91125 *(Visited)* Has some master degree theses prior to 1927 and books on railroads

CIW-- **Carnegie Institute of Washington,** 1530 P Street N.W., Wash., DC 20005, published between 1907 and 1922 a series of volumes, "*Index of Economic Material in Documents of the States of the United States - (name of the state)*". They cover the state's history up to 1904 and some more recently. They produced this work on 13 states and each can be identified by its symbol: California CIWCA, Delaware CIWDE, Illinois CIWIL, Kentucky CIWKY, Maine CIWME, Massachusetts CIWMA, New Hampshire CIWNH, New Jersey CIWNJ, New York CIWNY, Ohio CIWOH, Pennsylvania CIWPA, Rhode Island CIWRI, and Vermont CIWVT. Copies of these books are at the state libraries, major universities and cities although few have all 13 states. Railroad material appears in the section, "Railroads, Individual." It lists all the documents pertaining to each railroad from the 1860s (or earlier) up to time of publication of the book. The book briefly describes the item and then tells where it may be found at the state offices. As the books are now old, the individual items may have been destroyed or moved to another location. However, the book tells you what may be still available and starts you toward finding it. Chances are much of it would now be in the state archives, state library or state historical society. Some of these volumes were reprinted in the 1960s by Kraus Reprint Co. of N.Y.City.

CLAY **Clay County Hist. Soc.**, Moorhead, Minn. 56560 *(Nat.Union Cat)* Possibly only partial holdings. No response to request for information.

CLCAL **Honnold Library,** Claremont, Cal. 91711 *(Nat.Union Cat., Letter)*

CLE **Public Library,** Cleveland, Oh. 44114. *(Letter)* Very little railroad material in special collections. Some good runs of annual reports.

CLR **New York State School of Industrial & Labor Relations,** Cornel Univ, Ithaca, N.Y. 14850 *(Nat. Union Cat., letter, visit)*

CLSC **Charleston Library Society,**164 King St., Charleston S.C. 29401 *(Nat.Union Cat., Letter, visit)*

CLU **Univ. of California at Los Angeles,** Univ. Research Library, Los Angeles, Cal 90024

CNRY **Canadian National Ry** headquarters library, 935 Lagauchetiere St. W., Montreal H3C 3N4. Historic administrative and operations of C.N.R. Due to finances, the library has been closed to the public. Not researched, but very extensive. 40,000 books, 20,000 bound periodicals, and many maps. Photographs are listed as CNR Photographic Services, Box 8100, Montreal, Que. H3C 3N4. Not known if they include old negatives.

CNWHS **Chicago & North Western RR Historical Society**, c/o Northern Illinois Univ. Hayter Regional History Center, DeKalb, Ill. *(Letter)* Mostly C&NW since 1935.

COC **Colorado College Library,** Special Collections, Colorado Springs, Co 80903; *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984, Letter)* Materials are in special collections, Colo. Room Information File, manuscript photo files and Colo. Room files

COD **Univ. of Colorado Library,** Boulder, Colo., 80302 *(Nat.Union Cat., Letter)* The Univ. has "*A Guide to Manuscript Collections*". In the index under Railroad are all the coll. having railroad material. They also have a seven page abstract giving railroad names and collection names, but not describing the collections.

CODEN **Univ. of Denver Penrose Libr,** 2150 E. Evans Ave.,, Denver 80208 . They have material on railroads in Colorado, but for which railroads is unknown. No one was willing to visit it.

COHS **Chesapeake & Ohio Historical Society,** P. O. Box 79, Clifton Forge, Va. 24422. *(letter)* Has a huge C&O collection including 50,000 negs, 10,000 35 mm slide, 500 films,30,000 civil engr'g drwgs. of C&O, HV, PM, complete run employee timetables. Almost anything dealing with the operating department except equipment. Open Tuesday-Saturday 9-5.

COLDC **Columbia Historical Society,**1307 New Hampshire Ave. N.W.,Washington, D.C. 20036 *(Nat.Union Cat)*

COLPM **Pioneers Museum,** 215 S. Tejon St., Colorado Springs, Colo. 80903. *(Nat.Union Cat., Letter)* Has a wide variety of things on 30 or so railroads, but not a great deal on any of them.

COLRM **Colorado Railroad Museum,** P.O. Box 10, Golden, Colo. 80402. *(visited, letter)* Their collection on railroads in Colo. included in the *Guide*, but they have items on hundreds of other railroads west of the Missouri River and east of Calif. These are not organized and so not included. Some negatives but not organized.

COLS **Columbia County Hist. Soc.**, Orangeville, Pa., 17859

COO **Cornell Univ. Olin Library,** Ithaca,N.Y. 14850(Regional Hist.&Archives).*(Nat. Union Cat., visited, Letter)* Industrial & Labor Relations School (CLR) has excellent railroad Brotherhood archives, Debs papers. The main college library, except for special collections, has very little other than recently published railroad books and some tourist travel guides issued by railroads.

CORRY **Corry Historical Society**, Corry, Pa., 16407. *(visited)*

COSA **Colorado State Archives,** Div. of State Archives & Public Records, 1313 Sherman St, Denver, Co 80203 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

COWHM **Museum of Western Colorado,** 4th & Ute, P.O. Box 20,000, Grande Junction, Colo 81502 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984, Letter)*

CPRY **Canadian Pacific Ry Photographic Services**, Public Relations Dept., Windsor Station, Montreal, Que. Not known if it contains the old CPR photos.

CQU **Pikes Peak Regional Library,** P. O. Box 1579, Colorado Springs, Colo. 80901 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

CRL **Center for Research Libraries,** 6050 S. Kenwood Ave., Chicago, Il. 60637. There is a one day delay to see desired materials as they are stored in a warehouse. Has an excellent collection of annual reports obtained from Univ. of Wisconsin and railroad tariffs. Also good on railways of the British Empire, and to a lesser extent on other countries. Foreign material comprises annual reports of pre nationalized countries going back into the 1800s and some timetables plus other archival material. The Library has a detailed listing of railroad names for each country which they have material on. Material on U.S. railroads almost entirely annual reports going back to the 1860s with a few tariffs of post 1940s which are indicated by an X in the Archives column. The collection of railroad materials obtained from the Univ. of Illinois, Urbana, Il., has apparently been incorporated into the general Center for Research Libraries collection. These materials are coded UIU.

CSL **University of Southern California.** Los Angeles. *(Visited)* Has very little. Northern Pacific item is a guide to branch lines.

CSRM **California State Railroad Museum,** 111 "I" St. Sacramento, Cal. 95814. *(Letter)* At same location as R&LHS collection. Open Tuesday-Saturday 1-5. Has good reference library. Huge book collection. Because most is stored by collections, materials pertaining to a single railroad may be in many different collections and also poorly organized within a collection. This makes it slow to find things. Prints from the Pullman Company and Gerald M. Best negatives are very costly. Incomplete information. Has a very large collection of manufacturer trade catalogs. Many may have little or nothing to do with railroads.

CSRMR **California State Railroad Museum Rosters.** Sacramento. Where only an X appears in the roster box, the rosters are in the Gilbert Kneiss coll.

CSRMS **California State Railroad Museum Souther Pacific Company Records** coll. Sacramento. S.P. and California predecessor company material.

CSU **Cleveland State Univ. Library,** 1983 E. 24th St., Cleveland, Ohio 44115. Possibly only part of holdings. No response to request for information. However has Newburgh & South Shore RR company archives.

CTERA **Connecticut Electric Railway Association,** P.O. Box 360, East Windsor, Ct. 06088 *(Letter)* \Collection disorganized. None of collection in the *Guide*.

CTH **Connecticut Hist. Soc.**, 1 Elizabeth St., Hartford, Ct. 06105 *(Visited)*

CTHC **State of Connecticut,** Ct. Historical Commission, 59 S. Prospect St., Hartford, Ct. 06106. *(Letter)* Has detailed information on the 96 extant railroad stations in Ct. as of 1970s-80s.

CTSDL **Stowe Davis Libr.,** 77 Forest St, Hartford, Ct. 06105. *(Nat. Union Catalog)*

CUS **Univ. of California at San Diego Library,** San Diego, Cal. 92115. Philip Middlebrook collection except foreign. Not inventoried and not in *Guide*.

CUT **Univ. of California at Santa Barbara,** Santa Barbara, Cal. 93106 *(letter)* Material is in the Wm. Wyles Collection. Other special collections and railroad items are in the Romaine Trade Catalog Coll. and main card catalog index.

CUY **Univ. of California, Bancroft Libr.,** Berkely, Cal. 94720. *(Nat.Union Cat. , " A Guide to the Manuscript Collections of the Bancroft Library, Vol. 2 - Pacific & West", Visited)* This library was originally limited only to California materials, but in more recent years has expanded to include western United States and some eastern material. It has considerable railroad material listed in a catalog of printed books and manuscript collections of the Bancroft Libr. All railroad materials, except maps and college PhD theses, at Berkeley are at Bancroft Libr. Some maps listed at Berkeley Libr. may possibly be at Bancroft Libr. The computer indexing seems good for calling up material pertaining to a named railroad. Some of the names of collections may be misspelled and the Bancroft collection numbers may be incorrect.

CWCHS **Crow Wing County Hist. Soc.,** Box 722, Brainerd, Minn. 56401 *(Letter)*

CZL **Connecticut State Library,** 231 Capitol Ave., Hartford, Ct. 06115 *(Visited, Nat.Union Cat.)* Material is in main catalog entries. Manuscript & Archive Dept. items listed as Arch #1772.

DBA **Delaware State Archives,** Hall of Records, Dover, Del. 19901.*(Catalog Negatives, Nat. Union Cat., Letter)* Jackson & Sharp Car Co. negatives.

DCHM **Dawes County Hist. Museum,** 251 Mear St., Chadron, Neb. 69337.

DCHS **Dukes County Hist. Society,** Edgartown, Mass 02539

DCP **United States Patent Office,** Washington, D.C. Patent Office not contacted for information. However they are listed holding materials, besides patents, in *Check List of Publications on American Railroad before 1841*. The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.

DEGOL **DeGolyer Library,** Southern Methodist Univ, Dallas, Tex. 75275.*(Visited, Nat.Union Cat., Letter)* Baldwin drawings. & records, Everett DeGolyer's collection of prints, negatives, and books, David Goodyear print collection. Huge. The material is stored "donor oriented" rather than "user oriented," which means that it is terrible to try to find everything pertaining to a specific railroad. It may be in 10 or 20 different places and there is no central index although there are several central indexes for parts of the collection such as prints. Prints of a single railroad, although indexed in a central catalog, may be in as many as ten or more collections. Same goes for negatives, special collections, printed matter, etc. Not only is it very difficult to be sure of having found everything, but the common practice of letting a researcher use only one collection at a time results in use of the materials at DeGolyer being slow. (This form of organization is common practice for historical societies and libraries with special collections, but because DeGolyer has so much material, the set-up creates a particularly bad situation for a researcher) The collections are rather well identified and being improved. The information in the *Guide* was obtained from several sources:

Manuscripts - A Catalog of Manuscript Accessions, 1986, along with additions. Most collections in this are adequately described and in the *Guide* an X has been used to indicate types of material described in this catalog..

For collections listed in the catalog, which are not adequately described, the collection was looked at and a list compiled for the *Guide*. For these collections, the collections have been given a number which appears in the Archive Column. This does NOT mean that the items are archives. If the railroad, besides having such a number, also has Xs, the Xs refer to other

holdings which can be found listed in *Manuscripts*. A number in the archive column may, therefore, refer to photos, locomotive information, and anything else. Check the number in the archive description section of the *Guide* to learn what is in those collections.

Baldwin Drawings Catalogs (erecting, detail, foreign) An X in the drawing column indicates the information came from these catalogs.

John I. Blair collection has a Catalog. Listings from it carry numbers in the Archive column of 1100-1102 and a few others.

Muskogee Co. archives have been given a separate resource location designation, DEGOM, as as the John L. Schissler electric railway collection, DEGOS.

A computer print-out of collections having prints arranged by railroad name and the DeGolyer negative collection. At the time that the information at the library was being compiled for the *Guide*, this computer listing did not include the DeGolyer-Goodyear prints nor some mentioned in (1) above. The DeGolyer-Goodyear prints were compiled by inspection of the collection. An X in the picture column indicates the location of the pictures can be found by checking the computer print-out, inspection of the DeGolyer-Goodyear file cabinet pictures, and (6) listed below.

"Photographs - A Catalog of Photograph Accessions", 1986. Most of the listings in this are in the computer print-out (5), but not all. Has H.D.Connor coll. Of Texas RR station photos.

Railroad pass collection, A80.40, represents passes from several collections that have been combined together. It has the largest number of passes issued in the 1860s of any pass collection extant.

A few things have not yet been identified and were compiled by looking at the shelves holding the material. Also, some things were undoubtedly overlooked and so have not been included in the *Guide*

DEGOM **Muscogee Co.** Corporate Records held by the DeGolyer Library, S.M.U., Dallas.*(visited)*: MSS 45,1890-1960, 90 boxes, 221 photos, maps of the various railroads comprising this holding company and papers dealing with other railroads.

DEGOS **John L. Schissler Electric Ry Collection, DeGoyler Library,** S.M.U., Dallas, 75275. Clippings, research notes, and some snap shot and car builder photos on about 1200 street and interurban rys thruout the U.S. and Canada. Not fully sorted and organized. Most railways limited to a single sheet of information. This is one of two large "catch-all" collections in the United States. The other is the Railway & Locomotive Historical Society's Pollitt Collection of 10,000+ steam railroads and industrial locomotive users (RLHSP).

DEH **Hagley Museum & Library,** P.O.Box 3630, Wilmington, Del. 19807. Located at the east end of Buck Road at the very north end of Wilmington off of Rte. 52.*(Visited)* Extensive railroad records are kept at two locations - the library and the archives-manuscript collection at the Soda House. Each has its own card catalog, not cross referenced. Penn Central collection is listed in this *Guide* under DEHPC and the Reading collection under DEHR. Notes on railroads prior to 1860 researched by Christopher Baer listed under DEHCB. All other items may be at either or both locations. Materials on railroad suppliers are catalogs and are not indexed. They are kept together in several boxes. Vulcan Loco Works negatives (coded VULC), Jackson & Sharp Car Co.records, Central RR of NJ records. Passes listed in the *Guide* are in the Arthur Fletcher Collection. Budd Co. pass. Car photos. Raymond Lowey train designer archives.

DEHCB **Hagley Museum & Library notes** researched by Christopher T. Baer for his book "Canals and RRs of the Mid-Atlantic States 1800-1860", published by Hagley in 1981. Approximately 300 RRs in Pa, NJ, Md., and Del. covered.

DEHPC **Hagley Museum & Archives Penn Central Collection Archives***(visited)* - located at the Soda House and comprises about 30% of the total P.C. collection. Mostly pertains to Pennsylvania RR in Maryland and some lines in Pennsylvania, Ohio, and Indiana. Also has a detailed listing of materials sent to seven other libraries (Temple Univ.(Phila. area lines), Pennsylvania State Univ.(Penna. and Ohio mostly),N.J. State Archives (N.J. companies), Univ. of Mich. Bentley Library (N.Y.C. and Pennsylvania Lines West), Penna. Hist. & Mus. Comm. (Pa. RR in Pennsylvania), Harvard Business School Baker Library (New England lines of NYC and NYNH&H), New York Public Library (Long Island RR). The Collection, acq. #1807, includes executive, financial, operating, motive power, test dept., corporate, engineering, personnel, safety, traffic, legal. Public timetables mostly since 1920s, employee timetables since 1937. Besides the items in this collection Hagley has many other Pennsylvania RR items which are given in the DEH location code. Most of these are in the library., but a few are in the Soda House.

DEHR **Hagley Museum & Library Reading RR Archives Collection** Located at the Soda House. *(visited)* The Reading RR's archive collection includes corporate records such as minute books, and some equipment data, maps, drawings, timetables. It also includes timetables and other things from non Reading companies. In addition to this collection given by the Reading RR, Hagley has many other Reading items which are given in the DEH resource location. Most of these are in the Library but a few are in the Soda House.

DEWHS **DeWitt Hist. Soc. of Tompkins County,** 116 N. Cayuga St. Ithaca, N.Y. 14850. *(Letter)* Railroad collection of Hardy C. Lee.

DGU **Georgetown Univ. Library**, 37 & O Sts NW, Washington, D.C. 20057. *(visited)* In the Special Collections Dept. they have the O'Connor Collection of timetables(good on employees) and pamphlets(mostly from 1940s on but some going back to the 1890s) and a few dining car menus. Many timetables & pamphlets filed under two headings like CNJ also filed under Jersey Central, CRI&P under also Rock Island. Most foreign pamphlets and booklets are since 1940 but some go back to the 1890s. Also a sizeable collection of pre 1841 material (indicated with an X in archives) but only two or three items are not also found elsewhere according to the New York Public Library's 1941 listing.

DGW **George Washington Univ. Gelman Library,** 2130 H Street N.W., Washington, D.C. 20052 *(Nat. Union Cat., Letter)*

DKC **Dickenson College**, Library, Carlisle, Pa., 17013. *(Nat. Union Cat., Letter))* Everything cross indexed under Railroad. Much miscellaneous old material in Slifer-Dill collection.

DLC **Library of Congress,** Washington, D.C. 20540 *(books, Check List of Publications on American Railroads before 1841. Railway Economics 1912 book, Nat. Union Cat., partly visited)* The Library of Congress has a huge collection of railroadiana, but has seldom been used by most railroad historians due to lack of understanding of its holdings or the slowness of getting anything done. While little can be done about the latter, except to go there as well organized as possible, this *Guide* will attempt to give the potential researcher an idea of what he should expect.

The library has various major departments. One is the photographic dept. where pictures can be found which are listed in this *Guide*. Another is the map dept. which has all of the library's maps. There is presumably a special collection/manuscript dept. where the special collections included in the *Guide* can be found. The remaining listings in the *Guide* may all be in the main part of the library.

The library publishes a large three volume book titled *Subject Headings*. It gives a researcher an idea on how the Library is organized and what may be found there. Prior to going to the library, this book should be seen to help organize your thinking. Large city libraries and the better university libraries will have copies. Surprisingly, locomotives are not included in the railroad section although just about every other railroad subject seems to be. It is not known if elsewhere in these volumes are other railroad subjects not included in the Railroad pages except for photographs. The library has a railroad photograph section in the photographic collection (TR 715). *Subject Headings* volumes are confusing to use the first time and take some getting use to.

More than 100 railroads are named in these railroad pages (they have been indexed into the *Guide*) It is not known how these names were selected or what the holdings refer to. They do not include of the names of railroads listed in the 1912 Bureau of Railway Economics book (for instance, the Library has old annual reports of many railroads shown in this 1912 book but there is no indication in *Subject Headings*) or the 1942 New York Public Library having archives in the Library. Similarly, railroad names listed in the Union Catalog of Manuscript Collections do not appear to comprise this list.

Items referenced to the Library of Congress in this *Guide* come from the following basic lists, and it is not know how they are kept at the Library:

Subject Headings - a publication of the Library

Union Catalog of Manuscript Collections - A publication of the Library

Check List of Publications on American Railroads before 1841

Railway Economics - A Collective Catalog of Books in 14 Libraries

Railroad Maps of the United States - a publication of the library

Items listed in the *Guide* with the No. 865 in the archive column are from *Subject Headings*, most other DLC listings with some other number are from *Union Catalog of Manuscript Collections*, the DLC listings with merely an "X" are either from the *Check List* or *Railway Economics*. .
Railroad formed prior to 1841 have all their materials published prior to 1841 reported in *Check List of Publications on American Railroad before 1841*. Published in 1942 it lists the title and general contents and names of all railroads in each document. The materials pertaining to named railroads in this book have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.
Photographs are coded DLCP below.

DLCP **Library of Congress Photographs**, Washington, D.C. 20540. Photographs are kept in a separate department of the library and are organized by collection, but in several systems that make for much confusion. It is over organized and not done consistently from one file person to another. Part of the OWI (Office of War Information) photos are on microfilm and stored one location while those not on microfilm are stored by railroad region of which there are five. OWI photos were taken in the 1940s mostly on common class I railroad scenes. For photos except for specifically named and described collections in the *Guide* the photos are of little consequence and some OWI photos have not been listed.

DLM **Univ. of Delaware**, Newark, Del., 19711 *(neg. cat., Nat. Union Cat., Letter)*

DNH **State Hist. Soc. of Colorado, (Colorado Hist. Soc.)**, 1300 Broadway, Denver, Co 80203.*(Nat. Union Cat., visit, letter)* Cooperation below average. In 1982 they issued a list of collections having railroad materials but giving no indication as to what each had. References to this have an X? in Archives and X? in Data.

DPL **Denver Public Library,** Western History Dept., 1357 Broadway, Denver, Colo, 80203. *(visited, Nat. Union Cat.)*. Wm. Jackson glass plates and Otto Perry negatives (See PERRY.) They have a large amount of railroad material in six different basic files: (1) 3x5 index catalog cards of certain materials in the library and references to articles in the Rocky Mtn. News (mostly), and magazines and so forth. None of these card references index the other basic files, (2) photo collection in file folders by railroad name, (3) pass collection mounted in albums and loose in box(es), (4) Vertical file collection of archives, timetables, annual reports, and miscellaneous materials, (5) clipping file in file folders by railroad name, (6) Joseph Schick coll. of prints of Colorado railroads. In order to assist in knowing in just what collection material may be found entries in the Guide have been coded thusly:

DPL Photo collection (2), pass collection (3), and vertical file collection of archives, TTs, A.R., data (4)

DPLC Clipping file (5) and Schick photo file (6) and other special collections.

DPLI 3x5 card index file (1)

DPLC **Denver Public Library** Clippings and Schick photo file. *(visited)* See DPL above.

DPLI **Denver Public Library** 3x5 card index file. *(Visited)* See DPL above.

DRAKE **Drake Oil Well Museum**, Titusville, Pa. 16354. Huge collection of pioneering oil pictures of 1860s-70s including railroads of the area.

DRB **Dartmouth College** Library, Hanover, N.H. 03755. *(visited, Nat. Union Cat.)*

DSC **South Carolina Historical Society,** Fireproof Building, Charleston, S.C. 29401 *(Nat. Union Cat., Letter, visit)*

DUNS **City of Dunsmuir**, City Hall, 5915 Dunsmuir Ave., Dunsmuir, Cal 96025. Has the Shasta Div. archives of the S.P. containing 150 cartons of files, 5000 maps and drawings, 2000 negatives and all civil engineering records from 1884-1955 along with some other railroads. Material includes numerous logging and mining railroads adjacent to the S.P. (not included in the *Guide*).

DURCM **Durham Center Museum**, Rte 145, East Durham, N.Y. 12423

DZM **Miami Dade Public Libr. System,** 101 W. Flagler St., Miami, Fla. *(Visited, but incomplete)*

ECHS **Elkhart County Hist. Soc.**, P.O.Box 434, Bristol, Ind. 46507 *(Letter)*

EDAV **Edaville RR**, Edaville, Mass. 02366. *(Letter)* Most of their library collection is in storage uncataloged.

EEM **Michigan State Univ.**, Hist. Collections & Archives, Library; East Lansing, Mich 48824 *(Nat.Union Cat., "A Guide to the Michigan State Univ. Archives & Hist. Coll." 1976, Letter)*

EEX **Library of Michigan**, P.O. Box 30007, 717 W. Allegan St.,Lansing, Mich 48909 *(Letter)*

ELE **Engineering Societies Library,** collection now at Linden Hall Library, Kansas City, Mo. *(Visited, Check List of Publications on American Railroads before 1841.)* . *Transferred to the Linden Hall Library* Railroad material contained primarily in periodicals. Railroad material is found by looking at the Subject Catalog 656.308 "Special Railroads." There also may be some other numbers to check. Much of Michigan RR material are pamphlets on mortgage issues. *Check List of Publications on American Railroads before 1841* published in 1942 lists items not discovered in 1991 visit probably because buried in the main card index and not cross referenced under a subject. If so, other railroads from 1840 have been missed. Railroads formed prior to 1841 have all their materials published prior to 1841 reported in *Check List of Publications on American Railroad before 1841*. Published in 1942 it lists the title and general contents and names of all railroads in each document. The materials pertaining to named railroads in this book have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.

ELHS **Erie Lackawanna Hist. Soc.,** 563 The Village Green, Budd Lake, N. J. 07828 Possibly only part of holdings entered in the *Guide*. No response by them to request for information.

ELLME **Black House,** Ellsworth, Me. 04605

EMU **Emory University Library,** Atlanta, Ga. 30322 *(Letter)*

EMZ **Eastern Montana College Library,** 1500 N. 30th St., Billings, Mont. 59101 *(Nat.Union Cat.)* Possibly only part of holdings entered in the *Guide*. No response to two written requests for information.

ENU **Jesse Besser Museum**, Alpena, Mi., 49707 *(Letter)*

ERC **East Carolina Univ. Libr.**, P. O. Box 2744, Greenville, N.C. 27835 *(Nat.Union Cat., Letter)*

ERIE **Erie County Hist. Soc.**, 407 State St., Erie, Pa. *(Letter)*

EVANS **Evansville Museum of Arts & Science**, 411 S.E. Riverside Dr., Evansville, Ind. 47710

EWSHS **Eastern Washington State Hist. Soc.**, W. 2316 First Ave., Spokane, Wash. 99204

EWUL **Eastern Washington State Univ.**, Spokane, Wash.

EXR **Public Library,** Grand Rapids, Mich., 49502 *(Letter, visit)* Robinson photos of railroads around Grand Rapids in 1930s-50s.

EXW **Western Michigan Univ.**Library, Kalamazoo, Mich. 49008 *(Nat.Union Cat., Letter)*

EYM **Univ. of Michigan** (Special Collections Library and Bentley Historical Library) Ann Arbor, Mich., 48109 *(Nat. Union Cat., "Guide to Manuscripts in the Michigan Historical Collection's of the Univ. of Mich." 1963, "Guide to Manuscript Coll. in Michigan" published by Univ. of Mich., Railway Economics 1912 book, Check List of Publications on American Railroads before 1841. Visit, Letter)* A huge railroad collection, one of the best in the nation. The Bentley Library, located on North Campus, specializes in Michigan history. It also has all the special collections and some printed matter which is indexed by railroad name in their card catalog. The Special Collection Library, located adjacent to the Undergraduate Library on the central city campus, all historical (i.e. non current)material pertaining to railroads.
Where a number in the archive column appears, that material is at Bentley, but there also is material the Special Collections Library shown in the card catalog there. Where no number appears in the archive column the material is at the Special Collections Library. However, there may be some additional material (particularly for railroads in Michigan) at Bentley which will be shown in their card catalog under the railroad's name.
Photographs, except those in special collections, at the university are sorted according to subject and not railroad so that they are not included in the *Guide* . Not all railroads having timetables are included with a timetable listing, and there are probably other omissions due to not carefully checking every index card on a railroad.
For Pennsylvania and New York Central RR Collection see code EYMP.
It is possible that for about 150 railroads that they no longer have the material on them. (This situation is present at most locations having extensive railroad holdings in the early 1900s.)
The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.

EYMP **Univ. of Michigan Bentley Library Penn-Central Coll.**, Ann Arbor, 48109. Pennsylvania RR Collection of minute books, finance records, some annual reports, etc. of predecessor compa-

nies of Pa. & NYC RRs in Michigan, northern Indiana and Ohio. Library has inventory listing.

EYMS **University of Michigan Bentley Library Claude T. Stoner Coll.** Ann Arbor, 48109. This is a large collection of prints and negatives which appears from the Finders Aid to be confusingly organized and the completeness of description is erratic. Items pertaining to a railroad or lumber company may be stored in several different boxes. It is assumed that he had copy negatives of all prints, but this may be in error. There is no negative listing.

EYP **Detroit Public Library,** (all historical materials are located in the Burton Historical Coll. Dept.), 5201 Woodward Ave., Detroit, Mich. 48202 *(Nat.Union Cat.Check List of Publications on American Railroads before 1841., Visit).* An excellent collection of older railroad materials accumulated before the library became financial distressed. The Burton Coll. Dept. has about four different card catalogs and each must be checked. Some railroads appear in more than one. The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.

EYS **St. Clair County Library**, Port Huron, Mich. 48060

EYW **Wayne State Univ.**, Library. Detroit, Mich. 48202 *(Nat.Union Cat., letter)*

EZC **Central Michigan Univ**. Clarke Historical Library, Mt. Pleasant, Mich. 48858 *(Nat.Union Cat., Letter)*

EZT **Michigan Technological Univ.**, Houghton, Mich. 49931. *(visited, Letter)* Many photos and data filed under Page Collection and not by railroad name in regular archive file.

FCHS **Franklin County Hist. Soc.,** P.O.Box 1033, 716 Henry St., Pasco, Wash. 99301

FDA **Florida State Univ**. Library, Tallahassee, Fl. 32306 *(Nat.Union Cat., Letter)*

FILS **Filson Club,** 1310 S. 3rd St., Louisville, Ky. 40208. *(Nat.Union Cat., Letter)* Large amount of L&N material.

FLSMU **Florida State Museum**, Union Ave., Gainesville, Fl. 32602 Possibly only part of holdings entered in the *Guide*. No response by them to request for complete information.

FOB **Forbes Library**. Northampton, Mass. 01060 *(Nat.Union Cat.)* Possibly only partial listing. No response to request for information.

FOG **Univ. of Miami**, Otto G. Richter Library, P.O.Box 248214, Coral Gables, Fl. 33124. *(letter)*

FRHS **Fall River Hist. Soc.** Fall River, Mass., 02722 *(Nat.Union Cat., Letter)*

FRP **Fairfield Public Library**, Fairfield, Ct. 06430 *(Nat.Union Cat.)*

FS3 **Florida State Archives,** Tallahassee, Fl. 32301*(visited)*

FTLHS **Fort Lauderdale Historical Society**, 219 SW 2nd Ave, Ft. Lauderdale, Fl. *(visited but incomplete)*

FUG **Univ. of Florida Library,** P.O. Box 3556, Gainesville, Fl. 32611 *(Nat.Union Cat, Letter)*

FVHS **Fort Vancouver Hist. Soc.**, 1511 Main St., Vancouver, Wash. 98600

FWA **Univ. of West Florida Library,** Pensacola, Fl. 32505 *(Nat.Union Cat., letter)*

FWCB **Fort Worth Club Building**, Ft. Worth, Tex. Possibly only partial information. No response to request for information.

GAACA **Atlanta College of Art,** 1280 Peachtree St., Atlanta, Ga. 30309. Has 9 cubic ft. of material on W&A RR "General"

GACGA **Georgia Historical Society Central of Ga. RR Corp. Records,** 501 Whitaker St., Savannah, Ga. 31499. manuscripts, maps, financial records, miscel. materials of C.of Ga. and predecessors.

GAKMY **Kennesaw Museum Foundation,** 2829 Cherokee St, Kennesaw< ga 30144. Has Glover loco. Bldr corporate material and glass plates.

GAPAC **Georgia Pacific Hist. Mus.,** 900 S.W. 5th , Portland, Ore. Company has major library of the company and its predecessors which is open to serious researchers. Not known what types of material, if any, held on their predecessor companies' logging railroads.

GARET **Keith Retwerre,** 1442 East Bank Driver, Marietta, Ga 30068 has Standard Steel Car Co Hammond and Butler negatives.

GAT **Georgia Institute of Technology**, Atlanta, Ga. 30332 *(Letter)*

GCHS **Greene County Hist. Soc.** Branch House Museum, Rte 9-W, Coxsackie, N.Y. 12051 *(Nat. Union Cat., Letter)*

GDZ **Georgia Dept. of Archives & History**, 330 Capitol Ave., S.E. Atlanta, Ga. 30334 *(Nat.Union Cat., Letter)*

GEH **Atlanta History Center,** (formerly Atlanta Hist.Soc.)3101 Andrews Dr N.W., Atlanta, Ga. 30305 *(Nat.Union Cat., Guide to Manuscript Co.. of the Atlanta H.S. 1976, Letter)*

GENEL **General Electric Co.**, Hall of History Foundation, 1 River Rd, Bldg. 2, Rm B-15, Schenectady, NY 12301. *(letter, visit- the libraries of most companies are not open to the public but this one is.)* Has the million photo collection of GE from 1890s on.

GENRS **General Railway Signal Co.**, Rochester, N.Y. Has major company library which is available to serious researchers. Not known types of material or railroads in it.

GERM **Germantown Historical Society**, 5503 Germantown Ave, Philadelphia, Pa. Has corporate records Phila., Germantown & Norristown and Camden & Woodbury material.

GHT **Georgia Historical Society**, 501 Whitaker St., Savannah, Ga. 31499. *(Nat.Union Cat., Letter)* For C.of Ga. records see GACGA

GNYPL **Goshen Public Library,** Goshen, N.Y. 10924. Has some Erie RR material, probably local area.

GPCT **George Peabody College for Teachers,** Vanderbilt Univ., Nashville, Tenn. 37203

GRAND **Grandville Hist. Commission,** Box 14, Grandville, Mich. 49418. Railroad material of the local area.

GRC **Greene County Library**, 194 E. Church St., Xenia, Ohio 45385 *("Guide to Manuscript Collections and Institutional Records in Ohio", 1974)*

GSD **Georgia State Univ. Library**, 104 Decatur St. S.E., Atlanta, Ga. 30303*(Nat.Union Cat., (Letter)*

GSMNP **U.S.Dept. of Interior, Great Smokey Mtns Nat. Park**, Gatlinburg, Tenn 37728 *(Letter)*

GUA **Univ. of Georgia** Library, Athens, Ga. 30602 *(Nat. Union Cat., Letter)*

GZD **Milwaukee Public Library,** Humanities Section, 814 W. Wisconsin Ave, Milwaukee, Wis. 53233 *(visit, Letter)* CMSt.P&P corp. archives, large collection of electric railway photos of Milwaukee area, complete British patent volumes from very early1800s-1900s.

GZDWG **Milwaukee Public Library Wilson & Gaylord Collections,** 814 W. Wisc. Ave., Milwaukee, Wis. 53233. *(visit)* Steam locomotive negative collections but no catalog available.

GZM **Univ. of Wisconsin**, Library, Madison, Wis. 53706 *(Railway Economics 1912 book, visited).* They have the collection of the Wisconsin State Historical Society. Some items have been dispersed to the libraries of the regional colleges of the university, particularly at Milwaukee code GZN. It may require some special hunting for items because of this moving around of collections. Collections coded to WIH or GZM are probably at the same location and interindexed. Annual reports given to the Center for Research Libraries at Chicago. The huge James J. Hill collection is coded GZMH

GZMH **Univ. of Wisconsin- James J. Hill Coll.**, Madison, Wis. 53706 *(Visited)* Large collection of charters, engineering reports, special reports, stock prospectuses, etc. Most prior to 1850.

GZN **Univ. of Wisconsin, Milwaukee**, Area Research Center, Gold Meir Libr., 3203 N. Downer, Milwaukee, Wis. 53201 *(Visited).* The state historical society materials and the Univ. of Wis. materials are housed together but may be kept physically separate and indexed separately so that special care is needed by the researcher to find things. Also some items may be at the Madison campus of the university.

GZU **Univ. of Wisconsin, LaCrosse**, Murphy Libr, LaCrosse, Wis. 54601. Holds Wisconsin State Hist. Society papers of LaCrosse area.

HAGG **Haggin Museum**, 1201 N. Pershing Ave., Stockton, Cal. 95203. *(Letter)* Most of the collection is photographic but some ephemera such as timetables.

HAHS **Hawaiian Historical Society**, 560 Kawaiahao St., Honolulu, Ha. 96813. *(Letter)*

HARTX **Harlingen Public Lib.**, Harlingen, Tex. 78631 *(Letter)*

HASFL **Historical Association of Southern Florida,** 101 W. Flagler St., Miami, Fla. *(Visited, but incomplete)*

HASPA **Hawaiian Sugar Planter's Association,** P.O.Box 1057, Aiea, Hawaii 96701. This is a private library not open for general use by the public. Has some primary material and the manuscripts, notes, photos, and maps used by Jesse C. Conde for his books on Hawaiian sugar plantation railroads. It is not known which companies they have photos of - therefore the X? for photos.

HBS **Harvard Business School, Baker Library,** Cambridge, Mass. 02138. *(Nat. Union Cat., Visit, Railway Economics 1912 book, Check List of Publications on American Railroads before 1841. Letter)* Open 7 days a week, early morning to late evening except summer when open only weekdays in the daytime. Baker Library is intended for student use and financial sponsors. Use by others severely restricted, and permission must be obtained ahead. Most material not stored at the library creating a one day delay to see. Four separate sections each cataloged separately: general library (nothing in this collection is listed in the *Guide* . These are books on railroad subjects and recently published his-

tories of specific railroads), manuscript and archive collections, annual reports and company archives (Cole Room), and Kress Library. Kress Library, coded HBSK, limited to only pre 1850 with much foreign material. All materials at the manuscript and archives collections described and well indexed in "Manuscripts in Baker Library" published 1978. The Cole Room collection is during 1989-1991 being reshelved and a new index prepared to replace the card catalog. The card catalog may be showing many items that have long ago been discarded. The listings in this *Guide* are based on the card catalog, and therefore many (?) things may not be actually there.
In Archives column of the *Guide* an X indicates material at the Cole Room; a # indicates material in the Archives and Manuscript collection but there also may be material in the Cole Room. It requires a check of the Cole Room card catalog index. The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report. The *Check List* lists some railroads not listed in 1989 at the Cole Room. Unknown what happened to these items as they were not found elsewhere.

HBSC **Harvard Business School Copeland**, Manuscript Dept., Cambridge, Mass. *(Visit)* Copeland traffic density charts c.1931-58 on about 50 railroads., MSS 724. Varies from 1 to about 30 on a railroad. Library has an inventory.

HBSK **Kress Library, Harvard Business School,** Cambridge, Mass. *(visit)* See HBS description above. Material is at the library and not stored elsewhere.

HBSM **Harvard Business School Manuscripts Collections.** Baker Library, Cambridge, Mass. *(Visited)* The collections coded HBSM are similar to collections coded HBS. The Cole Room material should have carried a different code from special collections when visited in 1988. A revisit in 1991 resulted in setting up the HBSM code for materials recorded in 1991.

HBSP **Harvard Business School Penn Central Coll** of corporate records of N.Y.C. and N.Y.N.H.&H. predecessors - minute books, finance records, miscellaneous materials, some annual reports, etc.

HCHS **Harvey County Historical Society**, 203 Main St, Newton, Kans. 67114. *(Letter)* Good Santa Fe RR collection of histories, timetables, operating manuals, union information, S.F. Magazine and Fred Harvey Restaurant material.

HILL **James Jerome Hill Reference Lib.**, 4th & Market, St. Paul, Minn. 55106. *(Letter, visited)* G.N. materials and three predecessors.

HLM **Maryland Historical Society**, 201 W. Monument St. Baltimore, Md. 21201*(visit, letter, "Manuscript Coll. of the Md. Hist. Soc." by . Pedley, 1968, Nat. Union Cat.)*

HLS **Harvard College Library**, Cambridge (Houghton Library), Mass. 02138 *(Letter, Check List of Publications on American Railroads before 1841. Railway Economics 1912 book)* Library card index not checked for railroad names. The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.

HMFM **Henry Morrison Flagler Museum**, Box 969, Palm Beach, Fla. 33480 *(Nat.Union Cat.)*

HND **State Hist. Soc. of North Dakota**, Bismarck, N. D. 58501. *(Nat.Union Cat., Letter)* Has very little on railroads.

HOFS **Hofstra University, Long Island Studies Institute,** Hempstead, N.Y. 11550

HSWDC **Historical Society of Washington, D.C.**, 1307 New Hampshire Ave. N.W., Washington 20036. *(letter)* Has the corporate records of the Capital Transit Co and photos going back to 1860s.

HTM **Whitman College Penrose Memorial Lib.**, 345 Boyer St., Walla Walla, Wash. 99362

HTS **Hist. Soc. of Delaware,** 505 Market St., Wilmington, Del. 19801. *(neg. cat., Nat.Union Cat., Letter)* Has about 800 ACF blder photos not sorted (in 1989) obtained from ACF.

HTZ **Harry S. Truman Libr,** Independence, Mo. *(Nat.Union Cat., Letter)* Some mat. on President Truman in 1950s with C&O and Pa RR.

HUH **Univ. of Hawaii Libr.**, 2550 The Mall, Honolulu, Ha. 96822 *(letter)*

HUNT **Henry Huntington Library,** 1151 Oxford Rd, San Marino, Cal, 91108, 818-405-2100.*(visit, Nat. Union Cat., Check List of Publications on American Railroads before 1841.Letter)* A private library difficult to get access, having extensive papers on California and other railroads. They have a cross reference by the subject of railroads, but not all railroads included. The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.

HVC **Haverford College Library**, Haverford, Pa. 19041 *(Letter)*

HVL **Harvard Law School Library**, Cambridge, Mass. 02138 *(Nat.Union Cat.)*

IAARC **State Hist. Soc. of Iowa** (formerly **Iowa State Dept. of Archives,** Des Moines, Ia. 50319 *(Nat.Union cat.)* incomplete information.

IAB **John Crerar Library**, University of Chicago, 1100 E 57th St, Chicago, 60637. *(visited, Union Cat. Railway Economics 1912 book, Check List of Publications on American Railroads before 1841.)* The original John Crerar Library shut down about 1984 due to finances, and its contents were transferred to the Univ. of Chicago in a new building which was named the John Crerar Library. No railroad materials are cross referenced under Railroad. Most items in this *Guide* for IAB were at the new facility. It is believed that some railroads between 1841 and 1870-80s were not discovered . However, many of these items may have been found at other libraries and are included in the *Guide*. In the late 1950s the Crerar Library sold off much material. The railroad annual reports and many railroad books were acquired by Northwestern University's Transportation Library. However, only about half the annual reports Crerar listed in 1912 were found at Northwestern. It is unknown where the others went, but probably they had disappeared before the 1950s sale. They are not included in the *Guide*.
The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.

IACHS **Allen County/Ft. Wayne Hist. Soc.**, 302 E. Berry St, Ft. Wayne, In 46802. *(Letter)* Has a small number of NKP photos and other items.

IADH **Historical General Dodge House**, 3rd & Story Sts, Council Bluffs, Ia. 51503. *(Letter)* Mostly a museum with few papers. Dodge besides being the U.P. builder was later president of seven RRs (information on them, if any,not included in the *Guide*).

IAI **Illinois State Univ.** Library, Normal, Il. 61761. *(letter, Visited)* All material is in the Price Transportation Coll. which is largely 1940-60 with a huge amount of ephemera on foreign railways. Drawings of U.S. railroads are business cars.

IAK **Lake Forest College Library,** Lake Forest, Ill. 60045. *(visit)* Has part of the Munson Paddock RR coll. and several other railroad collections. Good public timetable collection back to the late 1890s, a relatively large employee timetable collection, a few rare railroad books, and a large collection (best in Chicago area) of railroad books published from late 1940s to 1980s.

IAPUT **Putnam Museum**, 1717 W 12th St, Davenport, Ia. 52804 *(Letter)*

IAY **Univ. of Illinois, Chicago Circle Campus,** Box 8198, Chicago, Ill. 60680 *(Nat.Union Cat., Letter, visit)*

IBK **Knox College,** Galesburg, Il 61402 *(Nat.Union Cat., Letter)*

IBV **Newberry Library**, 60 W. Walton St. Chicago, Il. 60610. *(Nat. Union Cat., visited)* Has CB&Q (IBVQ), I.C.(IBVIC), and Pullman Co. records which include some car drawings and manufacturing records. Cataloging is now in progress by the library. Most other materials are annual reports and guide books. A few railroads were probably missed when a search was made of their huge card catalog file for railroad holdings. Pullman Car Co large coll.

IBVG **Newberry Library Everet D. Graff Collection.** A huge collection which includes many railroad items, but not many on any particular railroad. Collection not cataloged into the Newberry main catalog. See the book *Catalog of the Everett D. Graff Collection of Western Americana.*

IBVIC **Newberry Library Illinois Central RR Corporate Collection** Is fully described in *"Guide to the Illinois Central Archives in the Newberry Library 1851-1906.* See its index. Includes minute books of predecessors, some annual reports of predecessors, records of the IC. Other I.C. materials in the Newberry Library are indicated with the IBV symbol.

IBVQ **Newberry Library C. B. & Q. Corporate Collection** Is fully described in the *"Guide to the Burlington Archives in the Newberry Library 1851-1901."* See its index. Other Burlington materials at the Newberry Library are indicated with the IBV symbol.

ICA Illinois Inst. Of Tech., 3300 S. Fevderal St, Chicaho

ICCL **University of Denver, Penrose Libr, 2150 E. Evans Ave, Denver, 80208 has the Interstate Commerce Commission,** Washington, D.C. (*Check List of Publications on American*

*Railroads before 1841*Library has/had an extensive collection of periodicals besides ICC publications/reports. Has/had many old annual reports (often predating the formation of the ICC in 1888) and other railroad produced pamphlets which are included in this *Guide*, but may not be there now. The ICC has disposed of a great deal of their library materials. These are in addition to railroad reports filed to the ICC as required by law. For the location of that material see NARIC. *(Railway Economics 1912 book)*. The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.

ICHS **Illinois Central Hist. Soc.**, 642 South Park St., (mailing only), Paxton, Il. 60957. Has glass plates formerly owned by the I.C.RR. and later by Kalmbach Pub. Co.

IDBCH **Bannock County Historical Society,** 105 S. Garfield, Pocatello, Id. 83201*(letter, "Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)* Photos of 1870s-80s railroading at Pocatello. Clifford Peak collection only partially cataloged and only partly in this *Guide*

IDBON **Bonner County Hist. Soc.**, P.O.Box 1063, Sandpoint, Id. 83864 *(letter)* Not all holdings listed in *Guide*.

IDCDA **Museum of North Idaho**, P.O.Box 812, Coeur d'Alene, Id 83814 *(letter)*

IDU **DePauw Univ. Library,** Greencastle, Ind. 46135 *(Nat.Union Cat., Letter)*

IEA **East Texas State Univ.**, Commerce, Tex. 75429-2951 *(letter)*

IEC **Earlham College Library**, Richmond, Ind. 47374 *(Nat.Union Cat.)*

IERHS **Inland Empire Railway Hist. Soc.**, P.O.Box 4537, Spokane, Wa. 99202. Probably only partial information. Did not respond to request for information.

IKM **Texas State Library**, P.O. Box 12927 Austin, Tex. 78711. *(Nat.Union Cat., Letter)* Very little material other than regular state reports. No special collections.

ILLCM **Lake County Museum**, Lakewood Forest Preserve, Wauconda, Il. 60084. *(Visited, Letter)* Has the Curt Teich Co. postcard collection of 300,000 cards. Some are railroad. Most cards are indexed by railroad but some are only by subject, i.e. bridges-railroad. Also some are indexed only by the popular name of the railroad, such as Santa Fe. Most are probably after 1910.

ILIRM Illinois Ry Museum, Strahorn Libr., P.O.B. 427, Union, Il 60108 Drawings not indexed of about ten car manufacturing companies. Plus picturtes and other material unindexed on many railroads.ILMHS McLean County Hist. Soc., 201 E. Grove St., Bloomington, Ill. 61701 *(Nat. Union Cat.)*

ILMUS **Illinois Railroad Museum**, P.O. Box 431, Union Ill., 60180. *(Letter)* Has 100,000 Pullman Car Co. drawings.

ILU **Texas Tech. Univ. Library** Southwest Collections,library; Lubbock, Tex. 79409 *(Nat.Union Cat., Letter)*

IND **Univ. of Notre Dame**, University Archives, Notre Dame, In. 46556. *(letter)* The Univ's Hesburgh Lib. has no historical RR materials.

INTM **Indiana Transportation Museum**, Noblesville, Ind. Records of Big Four RR and predecessors back to 1860s including 30,000 drawings of stations, cars, locos, signal systems. Not inventoried and unknown what material from predecessor companies. A huge collection salvaged from the company's offices. Also other things than drawings.

INU **Northwestern Univ. Library** (Main) Special Collections Department, Evanston, Ill. 60201. *(visited)* There are two collections (very strong on New England RRs): Greene Collection and Greene Railroad Folders Collection. The latter is cataloged alphabetically by railroad name. Most railroads are in the Greene Railroad Folder Collection. For railroads having an X in Archives this should be checked first. If nothing is found, then check the two drawer card index of the Greene Collection. Some railroads appear several different places in the drawers, and so the entire thing must be looked thru. If a railroad has material in both collections, the Archives column shows #1199. Both collections must then be checked. There are many very good items in these two collections. Also the collection has a very good collection of state maps of 1870s-1900.

INUN **Indiana Univ., Northwest Library,** 3400 Broadway, Gary, In 46408 *(Nat. Union Cat.)*

NSNM **Studebaker National Museum**, 525 S. Main St, South Bend, In 46601 has material on the plant's RR.

IPL **Purdue Univ. Library**, West Lafayette, Ind., 47907. *(letter)* Library strong on railroad engineering, but little pertains to specific railroads. Nothing entered in the *Guide*.

IQU **University of New Mexico,** Zimmerman Library Special Coll. and general library, Albuquerque, NM 87131 *(Nat. Union Cat., visited, "Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

IRU **New Mexico State University Library,** Box 3475, Las Cruces, N.M. 88003 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984, Visit)*

ISE **Univ. of Southern Indiana**, 8600 Univ. Blvd, Evansville, Ind. *(Letter)* Has a small collection of railroad brochures of c. 1940 in the Wm. Montour coll. Not included in the Guide. Has the Evansville, Suburban & Newburg RR archives.

ISL **Indiana State Library,** Indianapolis, Ind. 46202. *(Nat.Union Cat., Guide to Manuscript Collections of the Indiana Hist. Soc. and Indiana State Libr., Letter)* Has only one or two items on each of most railroads.

ISU **Indiana State Univ.** Library, Terre Haute, Ind.*(Nat. Union Cat., Letter)* 800 drawings of Indianapolis Union Station.

ISUL **Idaho State Univ. Libr.**, Pocatello, Id. 83201 *(visit)*

IUA **Univ. of Texas Library,** P.O. Box 19497, Arlington, Tex. 76019; *(Nat.Union Cat., Letter)* Has considerable railroad labor union material on the brotherhoods of Firemen & Enginemen, Railroad Trainmen, Clerks union, Sleeping Car Porters and problems of Negro employees.

IVV **Vincennes Univ.Library**, Vincennes, Ind. 47591 *(Nat.Union Cat., Letter)*

IWA **Iowa State Univ.** Library, Ames, Ia, 50011 *(Nat.Union Cat., Letter)*

IWB **Council Bluffs Public Lib.** Council Bluffs, Ia. *(Nat.Union Cat.)*

IWL **Willard Library**, 21 lst Ave., Evansville, Ind. 47710. *(Letter)* Archives are dining car menus.

IXA **Univ. of Texas Library,** Austin, Tex.78712. *("Univ. of Texas Archives" by C. V. Kielman, 1967, visit, Letter)* The university has several separate research centers, not inter-indexed. Most material probably at U.T.'s Barker Texas History Center with a small amount at Harry Ransom Humanities Center.

IYU **Baylor Univ. Library,** Waco, Tex. 76798-7142. *(Letter)* The Texas Collection has large number of items on railroads including outside of Texas. Presumably all items referred to in the *Guide* are cataloged under their name, but if not, they will be found by the index cards Railroads - ..... .

JCR **Northwestern University**, Transportation Library (located in the main library), Evanston, Il, 60201. *(visited)* Has excellent collection of annual reports partially obtained from the John Crerar Library, Copeland Traffic Density maps, much foreign railroad material, and other materials dealing with specific railroads obtained from the Crerar Library. However, Northwestern's card catalog index cards of Crerar railroad books may show books which were never transferred to Northwestern, and are probably still in the Crerar Library at the Univ. of Chicago. The library also has an excellent collections of books dealing with foreign countries and specific foreign railroads. These can be found in their Association of American Railroads Collection and the Deering Collection. Mercantile Library's Barriger Libr. (St. Louis) has many Copeland maps and RFC maps as does Harvard Business School.

JFK **Illinois State Hist. Soc.**, Springfield, Ill., 62706 *(Nat.Union Cat.)* This is probably now the Illinois State Historical Library - coded SPI.

JHE **Johns Hopkins Univ.** Eisenhower Lib., Baltimore, Md. 21218 *(Letter)*

JHEP **George Peabody Library of Johns Hopkins Univ.**, 17 E. Mt. Vernon Pl, Baltimore 21202

JMCL **Jackson/Madison County Library,** 433 E. Lafayette St., Jackson, Tenn. 38301 *(letter)* Has railway book collection of I. B. Tigrett, former G.M.&O.RR president. Books are mostly published since 1935, and there is little pertaining specifically to the GM&O.

JTB **San Diego Public Library**, 820 E St., San Diego, Cal 92101.*(Nat.Union Cat. Visited)* Limited to San Diego railroads and trolley lines and Tijuana & Tecate Ry of Mexico.

JWGL **John Work Garrett Library**, 4545 N. Charles St., Baltimore, Md. 21210 *(Letter)*

KAI **Chicago Historical Society,** North Ave. & Clark St., Chicago, Il. 60614. *(visited, Nat. Union Cat.)* Open Tuesday-Saturday. Has materials in Graphic Dept. (must have advance appointment to see pictures), Special Collections Dept., and the Main Reading Room, each having separate card catalogs. Materials listed in the *Guide* for some railroads can be found in all three departments, and so check card catalogs at each location. Everything cataloged under name of the railroad and cross referenced under Railroads. Passes are in two (currently) collections in Special Collections. One is Geo. M. Pullman's of the 1870s and the other is Robt. Todd Lincoln's of 1904-5. Some railroads are in both.

KALM **Kalmbach Memorial Library**, 4121 Cromwell Rd, Chattanooga, Tenn. 37421. Mostly model railroader material. Also

major railroad periodicals but not known the extent of the runs of each publication.. *Porter* records of the Kentlein coll.

KALMM **Kalmbacj Memorial Libr.** Negative collections including Miller, L&NRR, AT&SF, SF RefrigDespatch.

KCHS **Klickitat County Hist. Soc.**, Goldendale, Wash. 98620. *(Nat. Union Cat., letter)* C.E. May collection of RR books, timetables, etc. not yet cataloged.

KIST **Stan Kistler**, P. O. Box 977, Grass Valley, Cal. 95945. *(neg. cat.)* Negative coll.

KKS **Kansas State Univ.** library, Manhattan, Kan. 66506. *(Letter)* A small amount of AT&SF.

KKU **Univ. of Kansas**, library, Lawrence,Kan. 66044. *(Nat. Union Cat., Letter)* Most or all material is in the Kansas Collection.

KLG **Univ. of Louisville**, Library, 2301 S. 3rd St., Louisville, Ky. 40290. *(visit, Nat.Union Cat., Letter)* Much material on L&N and Monon RRs. For Elmer Sulzer collection - see KLGS

KLGS **Univ. of Louisville Elmer Sulzer Collection**, Library, 2301 S. 3rd St, Louisville, Ky 40290. Research material, photos, timetables, etc. on abandoned short lines of Indiana, Florida, Ky, and Tenn., operating guide books and timetables of many railroads, periodicals, books. (This huge collection is probably not in good shape to find things without a lot of digging.)

KLP **Louisville Public Library**, Louisville, Ky. No special collections.

KNU **Kentucky Historical Society**, P.O. Box H, Old State Capitol, Frankfort, 40602. *(Letter)* Has no special collections on railroads.

KNV **Western Kentucky Univ.** Library, Bowling Green, Ky.42101. *(Nat.Union Cat., Letter)* Their card index lists a fair number of family papers collections which have railroad material in them, but the nature is undisclosed and may for all practical purposes be useless.

KRS **Kearney State College**, Library, Kearney, Neb. 68847. *(Letter)* Some U.P. material.

KSB **Bethel College**, Library, North Newton, Kans. 67117 *(Nat.Union Cat., Letter)*

KSH **Kansas State Historical Society**, 120 W. 10th St., Topeka, Kan. 66612-1291 *(Nat.Union Cat., Letter)* For AT&SF archives see code KSHSF. Has the Lela Barnes RR coll. which is a corporate summary of the 1200 railroads and street railways in Kansas. On two microfilm rolls MS 16-460 & 461 available for inter library loan. One railroad per 5x8 index card giving date incorporated, location, miscel. information, subsequent disposition. 900 of the 1200 are paper roads.

KSHSF **Kansas State Historical Society Santa Fe Archives**, 120 W. 10th St., Topeka, Kans. 66612. AT&SF corporate record and subsidiaries.. (No inventory yet prepared)

KSL **Kentucky State Library**, Dept. of Libraries & Archives, P.O. Box 537, Frankfort, Ky 40602

KSMH **Kansas Museum of History**, 6425 South West 6th St, Topeka, Kans. 66615-1099 *(letter)*. The timetables and annual passes may not be pre 1940. Therefore the question marks. The museum may have other archives relating to these railroads.

KSPC **Pratt County Hist. Soc.**, 212 S. Ninnesiah St, Pratt, Kans. 67124

KSW **Wichita State Univ.**, Ablah Libr., Wichita, Kans. 67208 *(Letter)*

KUK **Univ. of Kentucky**, Library, Lexington, Ky.40502 *(Nat. Union Cat., visit, Guide to Selected Manuscripts..., King Library, Letter)*

KYBGM **Blue Grass Railroad Museum**, P.O.Box 27, Versailles, Ky. 40383 *(Letter)* Only partially organized. Not included in the *Guide*.

KYRM **Kentucky Railroad Museum**, 1837 River Rd, Louisville, Ky. 40201 *(Letter)* Disorganized. Not included in *Guide*.

LACK **Lackawanna Hist. Soc.**, 232 Monroe Ave., Scranton, Pa. 18503 *(visited)*

LAHNO **Historic New Orleans Collection**, 533 Royal St, New Orleans, La. 70130 *(Letter)*

LAPL **Los Angeles Public Library**, Los Angeles, Cal. *(Visited)* Probably only partial listing due to limitations in their card catalog system. What is in the *Guide* is strong on railroads in the South and electric railways, particularly those in the Massachusetts area. All are pre 1940 material. All material on a company except photos is listed under books although much of it is probably pamphlet, booklets, etc.

LASM **Louisiana State Museum**, 751 Chartres St., P.O. Box 2448, New Orleans, La. 70176 *(Letter)*

LCHS **Lycoming County Historical Society**, 858 W. 4th St, Williamsport, Pa. 17701.*(visited)* Mostly Pennsylvania RR maps and equipment classification books and passes. Contact in advance.

LDL **Univ. of Nebraska**, Lincoln, Neb. 68588

LEBHS **Lebanon County Hist. Soc.**, Lebanon, Pa. 17042 *(Nat.Union Cat.)*

LEWIS **Lewis County Hist. Soc.**, 76 N. E. Washington Ave., Chehalis, Wash. 98532

LFM **Franklin & Marshall College** Shadek-Fackenthal Libr, P.O. Box 3003, Lancaster, Pa 17604. *(Letter)* Has a few senior theses on RR subjects.

LIHS **Brooklyn Hist. Soc.**,(until 1985 called the Long Island Hist. Soc.), 128 Pierrepont St., Brooklyn, N.Y. 11201. *(Nat.Union Cat., Letter, Visited)*

LINME **Lincoln Hist. Soc.**, Lincoln, Me., 04457. Has material on Lincoln area and Penobscot County railroads, presumably includes predecessors of BAR and McC.

LNC **New Orleans Public Library**, 219 Loyola Ave, New Orleans 70140. *(Letter)* May have newspapers, magazines indexed for RRs. Louisiana Historical Quarterly Oct. 1947 has reprinted histories on 15 lines written in 1873.

LORR **Loras College**, Wahlert Memorial Libr., P.O. Box 178, Dubuque, Ia. 52004. Has corporate records of Wisconsin Pr. & Lt. Co. electric railway system.

LRU **Tulane Univ.** Library, New Orleans, La. 70118. *(Letter)* Railroad material in the Louisiana Coll. and some in the Manuscripts Section

LSH **Southeastern Louisiana Univ.**, Center for Regional Studies, P.O.Box 730 Univ. Station, Hammond, La. 70402. *(Letter)*. Has much of C.W.Witbeck collection - Poors and Moody manuals, Official Guides, Baldwin Loco. records and company books, builder loco. records, and steam engine rosters for La., Miss., & Ala. sugar and logging railroads. These are not indexed and so could not be included in this *Guide*.

LSRHS **Lake Shore Ry Historical Society**, , North East, Pa. has Heisler glass plate coll.

LUCE **E. B. Luce Co.**, 74 Chilmark St., Worcester, Mass. 01604. Negatives of Osgood Bradley Car Co.-Pullman Standard Car Co., 1911-1958.

LUU **Louisiana State Univ. Library**, Baton Rouge, La. 70803 *(Nat.Union Cat., Letter)*

LXP **Lorain County Public Libr.**, Lorain, Oh. 44035 *("Guide to Manuscript Collections and Institutional Records in Ohio", 1974)*

LYU **Lehigh Univ.** Library, Bethlehem, Pa 18015 *(Nat. Union Cat.)* Possibly only part of holdings entered in the *Guide*. Did not respond to two requests for information.. Has L.V. RR glass platers, but no list

MAH **Massachusetts Historical Soc.**, 1154 Boylston St., Boston, Ma. 02215 *(Nat. Union Cat., "Cat. of Manuscripts of the Mass. Hist. Soc." 7 vols., 1969., visit, Letter)* Because New Englanders helped finance most middle-west and western railroads and the society is full of papers of such people, there is much investment information on railroads. None of this could be put into the *Guide* as it is not indexed as to what railroads various people's papers include.

MANHA **Nantucket Historical Assoic.**, P.O.B. 1016, Nantucket, Ma. 02554 *(Nat. Union Cat.)*

MAFAL **Falmouth Hist. Soc.**, Palmer Ave. & Village Green, Falmouth, Ma. 02540 *(Nat.Union Cat.)* materials in Falmouth Town papers

MARHS **Marquette County Hist. Soc.**, Marquette, Mich. 49855*(visited, Letter)*

MARM **Missouri & Arkansas RR Museum**,. Beaver, Ark. 72613

MARSH **Marshall Hist. Soc.**, Marshall, Mich. 49068. *(letter)* Local area material largely in the Martin Ryan collection of pictures, timetables, memoirs, etc. and most prior to 1930.

MAS **Massachusetts State Library**, 666 Boyleston Ave., Boston, Ma. *(Check List of Publications on American Railroad before 1841)* Library listed with many railroad items, both state and out of state, in *Check List*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report. May have many printed material railroad items of 1840s-80s not listed in the *Guide*.

MASHS **Mason County Hist. Soc.**, P.O.Box 1776, Ludington, Mich. 49431. *(Letter)* Some logging RR photos not included in the *Guide*.

MAWIN **Winchendon Hist. Soc.**, Winchendon, Mass. 01475 *(Visited)*

MAXJW **John W. Maxwell**, 3220 Balsam St., Wheat Ridge, Colo. 80033. Original D&RGW equipment and structure drawings.

MCHM **Motley County Hist. Mus.**, Tx.

MCHS **Monmouth County Historical Soc.**, 70 Court St., Freehold, N.J. 07728 *(Nat.Union Cat.)*

MCHSO **Madison County Hist. Soc.**, 435 Main St., P.O. Box 415, Oneida, N.Y. *(Visit)* Henry Harter collection of photos, timeta-

bles, clippings on eight New York State RRs and Robt. Harding photo collection on four area railroads.

MCRHS **Mid-Continent Railway Historical Society**, P.O.Box 55, North Freedom, Wis. 53951

MCWHS **Milwaukee County Historical Society,** 910 N. 3rd St., Milwaukee, Wis. 53202. *(Letter)* Photos of various Milwaukee street car lines.

MDB **Enoch Pratt Free Library,** 400 Cathedral St., Baltimore, Md. 21201*(Nat. Union Cat., visited)*

MDBO **Baltimore & Ohio Museum**, 901 West Pratt St. Baltimore, Md. 21223-2699. *(Letter)* Has company records of B&O railroad and non railroad predecessor companies and subsidiaries. Not known how the material differs from B&O corporate materials at Syracuse University, code SYB.

MDSCM **Baltimore Street Car Museum,** 1901 Falls Rd, Baltimore ,Md, 21218. Collection on area street cars and ephemera on local area railroads. *(visited, Letter)*

MDSLL **Maryland State Law Library**, (the state's library), 361 Rowe Blvd, Annapolis, Md. 21401 *(Letter)*

MDWAG **Walters Art Gallery Lib.**, 600 N. Charles St, Baltimore, Md. 21201 *(Letter)*

MEA **Maine State Library**, State Capitol, Augusta, Me. 04330*(visited)*

MEAHS **Androscoggin Hist. Soc.**, 2 Turner St., Auburn, Me. 04210 *(Visited)* Has 2 volume notebooks of Charles D. Heseltine's railroad newspaper clipping collection 1891-1945.

MEHS **Maine Hist. Soc.**, 485 Congress St., Portland, Me. 04111 *(Nat. Union Cat., visited, Letter)*

MEU **Univ. of Maine Library**, Orono, Me. 04473 *(Nat. Union Cat., visited)*

MFM **Mississippi State Univ.**Library, State College, Miss. 39762 *(Nat.Union Cat., Letter)*

MHDUS **Durand Unon Station, Inc.** P,O.B. 106, Durand, Mi 48429. Robt. Gray coll. Papers mostly on Grand Trunk Western and St. Clair tuTunnel Co and some eastern Mich. Material

MHMA **Micigan RR history Mus. & Archives,** Durand, Mich. 48429 has records of RRs , information, and pictures of RRs that served Durand.

'HRRM **Randolph County Hist. Soc.**(formerly Moberly Hist. & RR Mus,) Box 116, Moberly, Mo. 65270 *(Letter)*

MHS **Minnesota Historical Society,** St. Paul, Minn . *("Nat. Union Cat., Manuscript Coll. of the Minn. Hist. Soc." 3 volumes, 1977, Letter)* The Northern Pacific, Minn. St. Paul & S.Ste M., & Great Northern archives are coded MHSNP, MHSS, & MHSGN. One of the two or three best state historical societies for railroad materials. The have Works Project Administration newspaper notes 1849-1887 (Item BC 8.1-956) which should have notebook(s) on just transportation with many thousands of newspaper items of that time period.

MHSA **Minnesota Historical Society State Archives**, St. Paul, Minn. *(Visited)* The records of the Public Service Commission, Public Utility Commission, and Railroad & Warehouse Commission records are housed at the M.H.S. The P.S.C. has a box of 3x5 index cards on every railroad, common carrier and most of the private lines, in the state which summarizes its existence, giving an indication of state records that may be available. Many of the cards have maps of the railroads, some being very obscure. An X in Data column indicates these cards, but no attempt was made to indicate which have maps. Many of the railroads and paper railroads shown on the index cards also have histories in notebooks that are mentioned in the "Archives Control Statement." There does not appear to be an index on the five loose leaf notebooks on railroad and street railway history, maps, and some pictures titled "Minnesota Railroad History." (This is not P.U.C. type of material.)

MHSGN **Minnesota Historical Society Great Northern Ry Archives** 6,000 cu.ft., 1854-1970, include minutes, engineering drwgs, photos, financial records, timetables, printed matter, presidents files, maps. A huge collection of the GN and its predecessors and related companies

MHSNH **Manchester Hist. Ass.**, 129 Amherst St., Manchester, N.H. 03104 *(visited)* Amoskeag Co records.

MHSNP **Minnesota Historical Society Northern Pacific RR Archives.** 12,000 cu.ft. 1861-1970 of NP and its predecessors of minutes, corp. records, finances, photos, timetables, drwgs, maps, president and other executive papers. Also their related companies. It is possible that several railroads coded as MHSNP are not in the collection and should be coded MHS.

MHSS **Minnesota Historical Society Soo Line (M.St.P.&S.S.M.) Archives.** 265 boxes of corporate records of the Soo, predecessor companies, and other companies connecting with it. Photos of all kinds of subjects from 1880s on, but not in large quantities.

MIA **Miami Univ.**,Library, Oxford, Oh. 45056 *(Letter)*

MICAR **State Archives of Michigan**, Lansing, Mich. 48918 *(Letter)* Little except usual state reports. RG-72 archives, information & pictures?,m RG 93-82 data on about 400 depot closings and 250 interlockers, 1888-1988; MS 91-230 RR photos 1890-1940 by C.C. Buskirk and F. C. Olds. No lisat.

MICED **Henry Ford Museum & Edison Institute,** P.O.Box 1970, Dearborn, Mich. 48121. *(Letter)*

MICKA **Kalamazoo Public Museum**, Kalamazoo, Mich. 49007 *(Letter)*

MICMU **State Museum of Michigan**, Lansing, Mich. 48918

MIGRF **Gerald R. Ford Library**, Ann Arbor, Mi *(National Union Cat. Of Manuscript Coll.)*

MIMQ **Peter White Public Libr.**, Marquette, Mich. 49855 *(Letter)* DSS&A material in loose leaf volumes by Wesley Parron.

MISAG **Public Library**, Saginaw, Mich. 48605 *(Letter)*

MJA **Mississippi Dept. of Archives,** Jackson, Miss. 39201 *(Nat.Union Cat., Letter)*

MJE **Missouri Historical Society,** Jefferson Memorial Bldg., St. Louis. Mo. 63112. *(Nat. Union Cat., visited)* Library is moving about 1992. Good collection of railroadiana. Passes of the same railroad may be in several collections. As a result all pass collections must be checked. All railroad material (except passes) are cross referenced under the subject category of Railroads. There are three different card catalogs that must be checked under Railroads.

MMCT **Mattatuck Museum,** 144 W. Main St., Waterbury, Ct. 06702. *(Nat.Union Cat., Letter)* Most material is Naugatuck RR

MMN **Museum of New Mexico,** Box 2087, Santa Fe, N.M. 87501 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

MNDUL **Lake Superior Museum of Transportation,** Duluth, Minn. 44802 Their railroad collection is disorganized and not entered in the *Guide*.

MNJ **St. John's Univ.**, Collegeville, Minn. 56321

MNMIS **Missabe RR Historical Society**, 719 Northland Ave, Stillwater, Minn. 55082 *(Letter)*

MNO **St. Olaf College** Library, Northfield, Minn. 55057 *(Nat.Union Cat., Letter)*

MNU **Univ. of Minnesota**, 10 Walter Library. 117 Pleasant St., S.E., Minneapolis, Minn. 55455. *(Letter, visited)* Little on specific railroads. Annual reports are after 1930.

MNYPL **Maybrook Public Library,** Maybrook, N.Y. 12543. Some material on NYNH&H yards located there.

MOCUM **Dour Cummings Library**, 1146 w. 27th St, Independence. MO 64052. Has extensive track motor car manuals. However, the address may have changed

MOHSW **State Hist. Soc. of Missouri - Western Historical Manuscripts**, 23 Elmer Ellis Library, Columbia, Mo. 65201. *(Visited)* This is part of the State Hist. Society and the Univ. of Missouri.

MONHS **Monroe County Hist. Commission**, 320 E. Front St., Monroe, Mich. 48161 *(Letter)*

MONRO **Monroe County Hist. Soc.**, 9th & Main, Stroudsburg, Pa. 18360 *(Letter)*

MOUSL **Univ. of Missouri – St. Louis,** 8001 National Bridge Rd, St. Louis archives of North Missouri RR

MPHS **Missouri Pacific Hist. Soc.**, 4256 Botanical Ave. #6, St. Louis, Mo. 63110. Library at the National Museum of Transport grounds, 3015 Barrett Station Rd, St. Louis *(Letter)*

MPI **Minneapolis Public Library**, 300 Nicollett Mall, Minn. 55401. *(Letter)* No special collections. Folders of ephemera on major area railroads and street railways.

MTG **Univ. of Montana Library**, Missoula, Mont. 59801 *(Nat.Union Cat., Letter)*

MTL **Montana Historical Society**, 725 N. Roberts St., Helena, Mont. 59601. *(Nat. Union Cat., Guide to Manuscripts in Montana Repositories , letter)* Has very extensive collection of railroad materials on Montana. Has F.J.Haynes negatives when official photographer for N.P.Ry.

MUS **Univ. of Southern Mississippi Library**, Southern Station, Hattiesburg, Miss, 39406. *(Letter)* Large Assoc. of American Railroad collection, also GM&O, some IC.

MUSSI **Museum of Science and Industry**, 57th & Lake Shore Dr., Chicago, Il. 60637-2093. *(Letter, visit)* Extensive amount of material on the locos. in their collection, CB&Q Pioneer Zephyr,NYC #999,Mississippi, John Stevens, Rocket., SF #2903, B&O "York". Other materials may or may not be there as some stuff disposed. Presently (1992) being reorganized.

MUV **Univ. of Missouri Library,** 23 Elmer Ellis Library, Columbia, Mo., 65201 *(Nat.Union Cat., Letter)*

MUVL **University of Missouri Fred Lyon Collection**, Western Historical Manuscript Coll., 23 Elmer Ellis Library, Columbia, Mo. 65201 *(Letter)*. The Lyon Coll. comprises miscellaneous

ephemera of pictures, timetables, pamphlets, etc. on many U.S. and Canadian railroads of the 1950s-80s and a coll. of the same period on all phases of the M.K.T.RR operations and equipment.

MVA **Univ. of New Hampshire Library,** Manchester, N.H. 03101 *(visited, Nat. Union Cat.)*

MXM **State Hist. Soc. of Missouri,** 23 Elmer Ellis Library, Columbia, Mo. 65201. *(Nat.Union Cat. Visited)* There are 30 shelves of uncataloged RR material, some loose, some boxed with the RR name on it. Boxes were not looked into and are indicated with an X in the data column. May include timetables and other categories of items. Photos are sorted by company name mostly and in file envelops. The State Hist. Society is operated by the Univ. of Missouri, and there are individual codes for each of its four locations. Some of the materials listed MOHS are probably at Univ. of Mo.-Columbia.

MYG **Massachusetts Institute of Technology, Library,** Cambridge, Mass. 02139. *(letter, Check List of Publications on American Railroads before 1841. visited)* They have a fair number os student theses on railroads, mostly in the Boston area. Not well indexed. Some foreign particularly of a technical nature. No special collections on RRs. The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report. Not known if these items are still at the library. If still kept, then there are other railroads since 1840 also buried in the card index.

MZF **Montana State Univ.** Library., Bozeman, Mont. 59715 *(Nat.Union Cat. ,Letter)*

NAM **State Univ. of New York, Albany,** 1400 Washington Ave., Albany, NY 12222. *(Visited)* Railroad items cataloged in the Manuscripts collections and individual items cross referenced under Railroad in the main catalog of the reference library.

NAR **National Archives,** Pennsylvania Ave. & 8th Str., N.W. Washington, D.C. 20409. *(visited)* The building is officially called National Archives Building. This *Guide* includes all railroad names listed in RG #48, 126, 134, and 193 described below.

The National Archives Building is a combination museum and research center. To use the facility - do **not** write ahead. Upon entering the building at the desk you state that you wish to do research and have not been there before. You will be sent to a certain room, questions as to your objectives, given a library research card good for a year, and then sent to a room on the 13th floor where the indexes to the special collections are. You will first look at the "Directory of Archives & Manuscript Repositories in the United States", 2nd Edition, ISBN 0-89774-475-6. (It replaces a 1961 volume entitled "Guide to the National Archives of the United States", ISBN 0911333-23-1) These books are also in large city and better college libraries. It shows the different record groups (RG) and a brief idea of the collection of each. On the book shelves of the room are the detailed inventory listings of each records group. You then go to them to learn just where and on what subjects they have railroad materials dealing with the railroad of interest to you. The RGs in 1990 having railroad material are:

RG #13 - Railroad Labor Board records

RG #14 - United States Railroad Administration (largely World War I govt. takeover of RRs. Has nothing indexed to specific railroad names and so nothing is included in this *Guide*)

RG #48 - Secretary of the Interior Records, much of it for the period of early 1860s to 1880; See RG #48 index, Vol. #2, Preliminary Inventory, Records of the Office of the Secretary, items #598-622 for railroad materials. Also section "Right of Way file symbol 2-.... and Right of Way file symbol 5-.... or 5.xxx. All railroads listed in this inventory are included in the *Guide*. Some railroads appear several times in this inventory, such as under Right of Way file #2 and #5 and Items #598-622. Also check RG #193 for more names. Besides archive items, all NAR listings in the *Guide* for maps are given in RG #48 and there are a few annual reports filed in #48.

RG #62 - Council of National Defense

RG #69 - Work Project Administration (1930s era)

RG #77 - U.S. Military RRs 1917-1920s Quartermaster chief of Engr. (individual railroad names not indexed and so nothing is included in the *Guide* for RG #77)

RG #92 - U. S. Military RRs, 1860-67. (individual railroad names not indexed and so nothing is included in the *Guide* for RG #92)

RG #126 - Office of the Territories (Alaska railroads only)

RG #133 - Federal Coordinator of Transportation records

RG #134 - I.C.C. records. ICC records in#134 are in three groups - microfilm of annual reports 1888-1914, passenger rate schedules 1887-1935, and maps 1900-1941. For the ICC material see NARIC below.

RG #173 - Federal Communications Commission

RG #185 - RR items not indexed by railroad name, and so nothing included in this *Guide*.

RG #87 - National Resources Planning Board

RG #193 - Commissioner of Railroads, records 1870s-1900. Names are included in the *Guide*. See RG #48 above. This collection has most of the annual reports although RG #48 has a few listed. It has a lot of archival material also.

RG #198 - Board of Investigation & Research - Transportation

RG #219 - Office of Defense Transportation

RG #253 - Petroleum Administration for War

RG #398 - Dept. of Transportation. RR items not indexed by railroad name, and so nothing included in this Guide.

Upon learning exactly what you want, you will be sent to the research reading room to do your work.

The Archives have few railroad pictures. Railroads having pictures are listed in this *Guide*. Pictures are at a different location, and the main desk can tell you where to go. The master index is crossed referenced by Railroad, and in that section you will find the descriptions of the pictures included in the *Guide*. You can then look at prints and order prints from their negatives.

There are 11 regional archives centers which are organized in the same manner. They are located in Waltham, Mass, Bayonne, N.J., Philadelphia, Pa., East Point, Ga., Chicago, Il., Kansas City, Mo., Fort Worth, Tex., Denver, Colo., Laguna Niguel, Cal., San Bruno, Cal., Seattle, Wash.

Additional record groups having railroad information:

RG #21 District court records has records on railroad bankruptcies, mergers, accidents and federal law violations.

RG #22 U.S. Fish & Wildlife Service in file 22.5 includes Bureau of Fisheries railway cars, c.1910.

RG #24 Postal records includes railroad R.P.O. info,

RG #57, Records of the Geological Survey includes railroads 1869-1878 File 57.1; 57.4 photo file 1880-1900, 57.4 photos Denver, Colorado Canyon & Pacific RR

NARIC **National Archives-ICC Records,** 8601 Adelphi Rd, College Park, Md. 20740 The building is officially called Washington National Records Center). An "X" in Archives indicates ICC Valuation Report files (the X? in pictures means there may be photos in the file. Some companies with an X in rosters had no equipment and so the X is incorrect. The X in Annual Reports indicates annual reports filed with the ICC.

In a large building at Suitland are National Archive records, ICC records, and many other government department records. A free jitney bus, run by the Archives, is run about five times daily from the National Archives at 8th Street to Suitland. The main desk in Archives will give the schedule to you. The ICC has three groups of records of particular interest to researchers (plus other materials such as tariff setting, passenger rate schedules, and railroad maps. These have not be cataloged into the *Guide*). At Suitland are the ICC Valuation Reports, Annual Reports of all railroads of the U.S. from 1888, and abandonment of railroads/discontinuance of interstate passenger trains and service. Seeing these records requires some planning. The National Archives at Suitland has the Valuation Report records (about 1200 railroads).

The National Archives also has the ICC Annual Reports from 1888 to 1914 on 1300 rolls of microfilm at Suitland. **However,** as of 1990 they had no index. To see what you want you must first write or visit the ICC - Annual Reports Room (currently room #3378), and ask for the location of the railroads and years on the microfilm. They will give you the locations, and at Suitland you can then find what you want on the microfilm.

Annual Reports from 1916 to the present are retained by the ICC. They are stored at Suitland, but you see them at the ICC Bldg in Washington (11th & Constitution ?). It takes a day to have them brought in. It is therefore best to write to the ICC-Annual Reports Rm. asking to see what you want and that you will be visiting them on such and such a date (s). They are not on microfilm.

Train discontinuance and early (up into the late 1930s) abandonments are completely described in the ICC Reports - Finance. For more recent abandonments (1940s and up) you would have to see the ICC records. Write to the ICC - RR Abandonment Dept. asking to see whatever railroad you are interested in and telling them the date (s) you will be in Washington to see it.

The Valuation Report records include material which was not included in the published Valuation Reports - particularly information on station descriptions, facilities at each location, cars and locomotives and sometime photographs of facilities and

cars and locomotives. Pictures were not taken during the evaluation process, but if a railroad objected to the tentative valuation, they usually sent photos of the items they wanted revised valuations. Such things as stations, water towers, buildings, old freight cars, etc. can be found. Not all companies that had valuation reports prepared had equipment. These companies were leased to a parent company. Exactly why the ICC decided to prepare valuation reports on some leased companies with no equipment but not on most others is unknown.

Annual reports. These are different from those issued to the stockholders. Much of the information from them was subsequently published in the annual Statistics of Railroads. These volumes are in very large city libraries and universities. However, the reports include considerable additional information on equipment, freight traffic - types and tons of incoming and outgoing freight, changes in ownership of cars, locomotives, buildings, and other things of interest to a researcher. Many small railroads and terminal companies only filed the complete report for a very few years, the remainder of the time filing a "circular" report which said nothing except that they were in business. All companies listed under NARIC for annual reports filed a regular report at least once. (Not all the railroads having I.C.C. annual reports are listed in the Guide. The master index is on 3x5 index cards. After working 1/2 hour going from A thru Alum, I estimated it would take 36-45 hours while running up hotel and eating costs. Instead I worked from the indexes of every third year of the "Blue Book" Statistics of Railroads. I therefore missed some roads that only filed 1 or 2 years.).

In most states a similar or exact duplicate annual report was filed with the P.U.C. or its equivalent. Instead of having to go to Washington, it may be worthwhile to determine if the state reports are in existence. Several things may have happened: 1. The PUC still has them - they will probably not be available to see. 2. They have been thrown out. 3. They have been transferred to the state archives, state library, or state historical society. For some, the holdings are incomplete as evidently the railroad didn't file or the copy was disposed.

Abandonment of a railroad records, the earlier ones in the 1920s being published in considerable detail in the I.C.C. Reports - Finance, and discontinuance of train service records. These also appear in the ICC Reports-Finance right up into the 1960s. A great deal of information of use of passenger trains, etc. is presented in these reports/records. The I.C.C. Reports - Finance can be found in the largest city and university libraries and college law libraries. Also merger records.

NARGL **National Archives Great Lakes Region,** 7358 S. Pulaski Rd, Chicago 60629. Has records on railroads, interurbans, and street railways for Illinois, Indiana, Ohio, Michigan, Wisconsin, Minnesota and district court records on accidents, receiverships as early as 1850 Records Group 21. Labor union strikes, etc. A detailed description of types of things held has been prepared by Martin Tuohy of NAR

NARSB **Federal Archives and Records Center,** 100 Commodore Dr, San Bruno, Cal 94066. 1971 guide to Cartographic Records in the National Archives

NATRM **National Railroad Museum,** P. O. Box 28171, 2285 S. Broadway, Green Bay, Wis. 54304 *(Letter)* Incomplete listing as much material not cataloged. Otherwise, a good source.

NBU **Univ. of Nebraska,** Omaha, Neb. 68132 (probably but may be at Lincoln campus), *(Letter)*

NCFHS **Forest History Society,** 701 Vickers Ave, Durham, N.C. 27701. *(letter, visit)* They have a large lumber collection of books and periodicals, newsletters, annual reports, much of it indexed. However, they have few railroad photographs, no files on individual logging railroads or their owning lumber companies. Nothing includes in the *Guide*.

NCWIL **Wilmington Railroad Museum Foundation,** 501 Nutt St., Wilmington, N.C. 28401 *(Letter)*

NDD **Duke Univ.,**Library, 341 Perkins, Durham, N. C. 27706 *(Nat.Union Cat., visit, Letter)* Most railroad material is since 1900, 8000 items; Railroads that are in more than one or two collections have a number in Archives with a subsequent list of collection names. Extensive amount in printed materials of library including the annual reports. However, many annual reports reported in 1912 being held are not cataloged in 1990. They may not exist.

NDSA **North Dakota State Archives,** Bismarck, N.D. 58501*(Guide to North Dakota State Archives")*

NDSU **North Dakota State Univ.,** Fargo, N.D. 58105 *(Nat.Union Cat., Letter)*

NDT **Univ. of Idaho Library,** Rayburn St., Moscow, Id. 83843 *(Letter, Check List of Western Americana in the Day-Northwest Coll." Univ. of Idaho Libr., 1969)*

NEBDW **Durham Western Heritage Museum,** Omaha, Neb. Has data on railroads that used Omaha's Union Station

NEBMA **Nebraska State Museum Archives,** Lincoln, Neb. 68509. Incomplete information.

NEEHS **New England Electric Ry. Hist. Soc., (Seashore Trolley Museum)** Kennebunkport, Me. 04046, *(Letter)* Vast, unorganized collection on trolleys in U.S. and good run of Street & Electric Railway Journals. Has Harold Goldsmith-Joseph Lavelle large negative collection, uncataloged. None of their collection able to be included in the *Guide*.

NEHGS **New England Historic Genealogical Society,** 101 Newbery St., Boston, Mass. 02116. *(Nat. Union Cat., Letter)* Much (all) of collection available only to members.

NEVWP **White Pine Hist. RR Foundation,** P.O.Box 40, East Ely, Nev. 89315. Nev. Nor. RR records.

NHCHS **New Haven Colony Hist. Soc.,** 114 Whitney Ave., New Haven, Ct. 06510. *(Nat.Union Cat., Letter)* Has fine collection of early RR maps of Ct. and Mass. areas plus other materials. Great deal on NYNH&H RR and predecessors.

NHL **New York Historical Society,** 170 Central Park West, New York City, 10024. (About 75th St. & 7th Ave.) *(Nat.Union Cat., "Guide to the Manuscript Collections" 1972, Visited, Letter)* Archives with a number are in special collections and may also be in the main catalog for other items; archives with an X are in the main catalog only. For an old state historical society, there is surprisingly little railroad material. Much material is not yet cataloged. Whether this includes railroads in unknown.

NHM **Univ. of New Hampshire Library,** Durham, N.H. 03824. *(Nat. Union Cat., visited)* It is possible that some of the special collections listed in the *Guide* for Durham are at the Manchester campus library and vice versa. The Durham library also has a good general library of secondary railroad material, perhaps 400 entries and some additional materials worth digging for. Has complete reports of the Railroad Commissioners and Public Service Commission. Some of material listed in this *Guide* is from reports dealing with several RRs (particularly items with X? in the archives column).

NHS **New Hampshire State Lib,** Concord, N.H. 03301*(visited)* Has an unusually large amount of RR material for a state library. A very good reference location. A great deal on the 1887 railroad contest, and has good runs from mid/late 1880s to 1910s of state RR commissioners reports from Ct,Me,Mn ,Mo,Neb,Nev, NC, ND, SC,SD,Vt,Va,Wis.

NHT **Nebraska State Hist. Soc.,** 1500 R St., Box 82554, Lincoln, Neb. 68501. *(Nat.Union Cat., "Guide to Archives of the Nebraska State Hist. Soc." 1966 & 1983, Letter, visited)* Has the state archives. Many private paper collections say that they include material on Nebraska railroads with no indication of the extent or type. It is believed in most instances that it is minor.

NIO **State Hist. Soc. of Iowa,** (ex State Dept. of Archives & Hist.) 402 Iowa Ave., Iowa City, Ia. 52240 *(Letter, "Guide to Manuscripts" by K. Harrison, 1973)* Incomplete information.

NIODM **State Hist. Soc. of Iowa, Des Moines,** Capitol Complex, Des Moines, Ia. 50319.

NJG **Glassboro State College Library,** Glassboro, N.J. 08028 *Nat.Union Cat., Letter)*

NJHHS **Hudson County Hist. Soc.,**c/o Public Library, 472 Jersey Ave., Jersey City, N.J. 07302.

NJMPL **Morristown Public Library** – Morristown Hist. Soc, Morristown, N.J. Special collection of old area photos

NJPHS **Passaic County Hist. Soc.,** Valley Rd, Paterson, N. J. *(Visited)* Material on locomotive builders at Paterson.

NJR **Rutgers Univ. Library,** New Brunswick, N. J. 08903 *(Nat. Union Cat., Manuscript Collections of the Rutgers Univ. Library 1964, Check List of Publications on American Railroads before 1841.letter)* The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.

NJSA **New Jersey State Archives,** Trenton, N.J. 08625 *(letter)* Has part of the Pa. RR Coll. - see code NJSAP; Has Lehigh Valley RR journals, but reported nothing else on railroads.

NJSAP **New Jersey State Archives-Pa.RR Coll.,** Trenton, N.J. 08625. Penn-Central's Penna. RR Collection of predecessor railroads in New Jersey minute books, finance books, some annual reports, etc..

NL4 **New Hampshire Historical Society,** 30 Park St., Concord, N.H. 03301. *(Nat. Union Cat., visited)* Has much material on the "railroad contest" of 1887 which nearly tore New Hamp. apart. Also much engineering material on surveys and construction of early N.H. railroads.

NMH **New Mexico Highlands University,** Library, Las Vegas, N.M. 98801 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

NMRCA **New Mexico Record Center Archives**, 404 Montezuma St., Santa Fe, N.M. 87503. *(visited)*

NMSCM **Silver City Museum,** 312 W. Broadway, Silver City, N.M. 88061 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

NMUT **National Museum of Transportation**, 3015 Barrett Station Road, St. Louis, Mo. 63122. *(visit)* The museum is outside the city of St. Louis, being about 2-3 miles west of Kirkwood, Mo. The library is similar to the Railroad Museum at Strasburg except much smaller on non Missouri railroads. Has little prior to 1900. Has a good collection and actively growing due to railroad interested people in charge. Has 36 volume White & Kembles Atlas & Digest of RR Mortgages. Steam locomotive negatives not cataloged and so not included in the *Guide*.

NMW **Western Carolina Univ.** Library, Cullowhee, N. C. 28723 *(Nat. Union Cat.)* Possibly only part of holdings . No response to request for information.

NNI **New Jersey Hist. Soc..**, 230 Broadway, Newark, N.J. 07104. *(Nat.Union Cat., Visited, Letter)* Open Wed-Fri. 10-4 PM. Collections indexed in manuscript coll. card index and main card index.

NNO **Stevens Institute of Technology**, Library, Hoboken, N.J. 07030

NNY **University of Nevada, Reno Library,** Library Special Collections, Reno, Nev. 89507 *(Nat. Union Cat., "Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984, Letter)*

NNYHS **Newburgh Historical Society**, Newburgh, N. Y. 12550. Some material on Erie RR

NOC **Univ. of North Carolina Library,** Southern Hist. Collections, Chapel Hill, N.C. 27514. *(visited, Nat.Union Cat., Letter)* There is also railroad material in N.C. Collection of Wilson Library and some old material in the main Davis library which is included in the *Guide*. Therefore, all 3 locations must be checked.

NOCH Univ. of North Carolina Library, Charlotte, NC Piedmont & northern RR reconds

NOQ **North Olympic Library System**, 2210 S. Peabody St, Port Angeles, Wash. 98362. *(Letter)* Bert Kellog Coll. of 5200 negatives or which about 500 are railroad. Photos tak'n by various people including Kinsey. Not all the lumber companies listed may have pictures of their logging railroads (and some may not have even had a logging railroad.)

NOU **Univ. of North Carolina Library,** Greensboro, N.C. 27412

NRHS **National Ry. Hist. Soc.,** 100 N. 17th St, Philadelphia, Pa 19103 has copies of RR accidents reports 1901-1993

NRHSC **National Railway Historical Society,** Western Maryland Chapter, P. O. Box 1331, Cumberland, Md. 21502 *(Letter)*

NRHSM **National Railway Historical Society,** Mohawk & Hudson Chapter, Delmar, N.Y. 12054 *(letter)* Extensive library of reference materials of all kinds.

NRHSP **National Railway Historical Society**, Room 1, Union station, Portlatld, Ore. 97209. *(Visited)* Big collection well organized with inventory. Photos of industrial and short line railroads are mostly in the Jack Holst collection. Public timetables are mostly from mid 1930s on, and employee timetables mostly since 1960.

NTE **Washington State Univ. Library,** Pullman, Wash. 99163 *(Nat.Union Cat., Letter)*

NUI **Univ. of Iowa Library**, Iowa City, Ia., 52242. *(Nat.Union Cat., Letter)* Strong on U.P. and CRI&P. Archives of other railroads are stock or bond certificates in the Commercial Documents of Special Collections Dept. Vander Maas Collection of public & employee timetables of 1930s & 40s mostly, plus annual passes, train orders of many RRs, RR forms (unidentified). Library has detailed inventory listing available. Timetables marked with an E or P are in Vander Maas Coll.

NUW **Washoe County Public Libr.**, Reno, Nev. (Possibly not correct address)

NVE **Nevada Historical Society,** 1650 N. Virginia St, Reno, Nev 89503 *(Nat.Union Cat., "Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984, "Manuscript Collections of the Nevada Historical Society,""An Index to the Publications of the Nevada Hist. Soc, 1907-71" by E. Moody, Letter)*

NVNEM **Northeastern Nevada Museum**, P.O. Box 2550, Elko, Nev. 89801 *(Letter)*

NVSM **Nevada State Museum,** Capitol Complex, Carson City, Nev 89710 *(Nat. Union Cat., "Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

NVT **Nevada State Library & Archives**, Carson City, Nev. 89710 *(letter, "Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

NWOGL **Northwest Ohio Great Lakes Research Center**, 214A Graduate Bldg, Bowling Green State Univ., Bowling Green, Ohio 43403 *("Guide to Manuscript Collections and Institutional Records in Ohio", 1974)*

NWPHS **Northwestern Pacific RR Hist. Soc.**, Ruben Salazar Library, Sonoma State Univ., Sonoma, Cal. 95476. *(Letter)* Permission must be obtained prior to visiting by letter. 1200 photos of NWP, predecessors, and logging RRs in northern California. Additional material being added.

NYCCM **Chenango County Museum**,Rexford St., Norwich, N.Y. 13815 *(Letter, Visited)* Primarily NYO&W RR with some DL&W RR material.

NYCHS **New York Central System Historical Soc.,** P.O. Box 10027. Cleveland, Oh., 44110. Negative collection of Charles A. Purinton.

NYDHS **Dutchess County Historical Society,** P.O.B. 122 Clinton Corners, NY 12514 has records on all railroads that have operated in Dutchess County

NYERA **Electric Railroaders Association** Frank J. Sprague Memorial Library**P.O.B. 3323 Grand Central Station 10163-3323** *(Visited)* Cataloging is proceeding very slowly and most is uncataloged and unknown. Library seldom open. Obtained the files of the Pliny Fisk Investment Bankers House. Huge collection of newspaper and financial clippings and documents as indicated with an X in the DATA column. Morgtages have little information

NYG **New York State Library,** Albany, N.Y. 12224 *(Nat.Union Cat., Check List of Publications on American Railroads before 1841.Visited, Letter)* The state library also contains the state's archives. Manuscript special collections and archives are in the same room merged together. Materials are indexed in several categories - manuscripts, printed matter, broadsides, ephemera, pictures. Have a large number of stock certificates and very old timetable and advertising broadsides (mostly New England RRs) of the 1850s. The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.

NYP **New York Public Library,** 5th Ave. & 42nd St., New, York City.10018. *(letter, Check List of Publications on American Railroads before 1841. Railway Economics 1912 book, Nat. Union Cat., printed volumes on holdings)* This library is second only to the Library of Congress in size. It has about 50,000 railroad items. Large pre 1841 collection. Bureau of Ry. Economics 1912 Catalog lists many items in the collection. Also, the library's card catalog is published in a 788 volume series, *Dictionary Catalog of the Research Library,* (1979) plus several other series of 3 to 30 volumes. For the *Guide* these books were looked thru for railroad names, but some names were undoubtedly missed.
Archival material for many railroads is limited to bond mortgage issues. Some of the railroad material is in the Gen. Wm. Barclay Parsons collection which may be separately indexed. For Penn-Central RR collection, see code NYPP. The Walter Weichsel collection of transfer and some tickets and passes from 1898 on has not been included in the Guide.

NYPL **New York Public Library "Check List of Publications on American Railroads before 1841".** See this full book (not the abridged copy in the *Guide*) for a listing of documents and their locations pertaining to this railroad. This book is in most major libraries. It was published by the New York Public Library in 1942. There are many, many references listed for the railroad in question.

NYPP **New York Public Library Penn-Central RR Coll.** Includes minute books, finance books, other corporate records of predecessor companies of the NYC and Pa. RRs on Long Island and most of New York State except for some in the Buffalo area.

NYSM **Schenectady Museum,** Nott Terrace Heights, Schenectady, N.Y. 12308. has collection of General Electric photos and ??

NYSHS Suffolk County Hist. Soc, 300 W. Main, Riverhead, NY 11901. *(Nat. Union Cat.)*

NYUTI **New York Univ. Tamiment Institute** Libr., 70 Washington Sq. South, New York City 10012, *(Letter)*

OAKMU **Oakland Museum,** 1000 Oak St., Oakland, Cal. 94607. *(Letter)*

OBE **Oberlin College**, Oberlin, Ohio 44704 *(Letter)*

OCHS **Old Colony Historical Society**, Taunton, Mass. 02780. *(Nat.Union Cat., Letter)* Mason & Taunton data and many photos.

OCP **Cincinnati & Hamilton County Public Lib, Inland Rivers Lib.,** 800 Vine St., Cincinnati, Ohio 45202 *(Nat.Union Cat., visit, Letter)*

Rutherford B. Hayes Library, 1337 Hayes Ave. Freemont, Ohio, 43420 *(Nat.Union Cat., Letter)*

OHBSC **Brewster-Sugar Creek Twnp Hist. Soc.,** 45 S. Wabash Ave, Brewster, Oh 44613 Wheeling & Lake Erie material

OHMMU McKinley Museum, 800 McKinley Monument Dr, N.W., Canton, Oh 44708. Ohio picture collection in 30 albums. Has large trolley collection of Crowley plus area steam RRs – PRR, B&O, W&LE and others. The steam railroads are mostly cars. Trolley pixs are in albums 15-20 by state and some of many states are in album 21

OHT **Ohio Historical Society,** 1982 Velma Ave., Columbus, Ohio 43211 *(Nat.Union Cat., Guide to Manuscripts at the Ohio Hist. Soc. by Lentz ,1972 , Letter)* The Penn-Central collection is coded OHTP and Garrett Hayes Coleman collection is coded OHTC. Has a file drawer containing lists of many, many holdings. It is possible the Guide does not have everything as the library was not visited.

OHT **Ohio State Archaeological & Historical Society.,** Columbus, Ohio *(Manuscript Collections in the Library of the Ohio State Arch. & Hist. Soc., " 1953 by E. Biggert, Letter)* Society renamed Ohio Historical Society.

OHTC **Ohio Historical Society** – Coleman coll. Part of this collection is given in the Guide, and what is given here in the Addenda is not mentioned in the Guide. It comprises some negs. 7000+ photos mostly copies, roster info mostly in the 1800s, other papers. I have put an x on only Ohio pix. Other material not indexed. They have a good inventory printed list. The Ohio H. S. Coleman and Whalen listings are not by railroad, but by subject so that you must look thru all 90+ pages to find all the items for a company of interest to you.

OHTC **Ohio Historical Society-Garrett Hayes Coleman collection.** This collection is only 8 cubic ft. but has material on many railroads. He was a B&O engineer in 1880s-90s and was with the I.C.C. from 1910-45. He collected material on loco rosters and builder records. Considerable material on B&O, C&O, NYC, N&W, and Pa.

OHTP **Ohio Historical Soc. Penn-Central Collection** of corporate records of NYC predecessors in Ohio and Indiana - minute books, finance books, some annual. reports. There is a printed inventory of holdings.

OHY **Oregon Hist. Soc.,** 1230 Southwest Park Ave, Portland, Ore. 97205 *(Nat.Union Cat., Visited, Letter)* A huge amount of material in numerous collections and several different photo files. Photographs are poorly organized if you are looking for a particular company. There are two basic photo groups - loose in file folders and mounted and inventoried in a computer but not organized by company name. In the loose file are pictures filed under railroad or logging railroad, in files of SP, UP, and SP&S folders with predecessor companies, Willamette builders photo file, file #682 of logging RR pictures. Mounted computerized pictures are filed under Transportation, but also need to check lumber/logging. Some photos are also in the special collections such as the David Stearns albums.
Don Roberts collection is coded OHYR. The historical society also has the 17,000 negatives/pictures of the former Timberman Magazine, some of which show logging railroads. These are not cataloged by subject matter and company name.

OHYR **Oregon Historical Society - Don Roberts Collection.** 1230 Southwest Park Ave, Portland, Ore. 97205. This collection comprises seven boxes, three of which contain Union Pacific material. The other four contain photos, locomotive rosters, and notes on railroads and logging railroads. Presently only a list of company names is available. It is believed that for most of them he has photos but how many contain rosters or notes in unknown . There are about 30,000 negatives, but no catalog and none is planned. Negatives are for most railroads of which he has prints.

OIH **Idaho State Historical Society,** Div. of Manuscripts & Idaho State Archives, 610 N. Julia Davis Dr, Boise, Id. 83706. *(Nat.Union Cat., "Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984, Letter)* The material concerning logging railroads, if there is any, was not checked into. Also has all materials of Idaho State Library.

OKD **Oklahoma Dept. of Libraries,** Archives & Records Div., 200 N. E. 18th St., Okla. City, Okla. 73105. Unable to be visited and researched. Has detailed blueprints of stations and track layouts and other things filed by railroad name. Nothing entered in the *Guide*.

OKS **Oklahoma State Univ.** , Stillwater, Okla., 74078. *(letter)* Has the Flynn RR Collection of over 1000 railroad books published since the middle 1940s. Just about anything published is in the collection.

OKU **Univ. of Oklahoma Library,** Norman, Okla. 73069 *(Letter, Guide to Regional Manuscripts Collections, Univ. of Okla., A" by A. M. Gibson, 1960)*

OLCHS **Licking County Hist. Soc.,** P.O.Box 535, Newark, Ohio 43055 *("Guide to Manuscript Collections and Institutional Records in Ohio", 1974)*

ORANG **Orange Empire Ry. Museum,** P.O.Box 548, Perris, Ca. 92370. Only partly included in the Guide. Did not respond to written request.

ORC **Reed College,** Portland, Ore. 97202*(letter)*

ORCHS **Orange County Historical Soc.,** Arden, N.Y. 10910 *(Letter)* Local area Erie RR material.

ORPAR **Portland Archives & Records Center,** 9360 N. Columbia Blvd., Portland, Ore. 97203 *(City of Portland Archives Guide)*

ORSHL **Southern Oregon Hist. Soc.,** 106 N. Central Ave., Medford, Ore. 93501 and 206 N. 5th St., P.O.Box 480, Jacksonville, Ore., 97530 *(Letter)*

ORTHS **Troutdale Hist. Soc.,** 104 S. E. Kibling St., Troutdale, Ore. 97060 *(Letter)*

ORU **Univ. of Oregon,** Library, Eugene, Ore. 97403 *("Catalog of Manuscripts in Univ. of Oregon Libr." 1971, Nat.Union Cat., Visited, Letter)* Library has a huge collection of railroad materials. Randall Mills collection is very extensive. Library has state govt. data on all railroads in Ala., Iowa, Mass., and Vt.

OS0 **Oregon State Library,** State Library Building, Salem, Ore. 97310. *(Letter, Visited)* The Library has an Oregon Subject File Index which leads to Ore. newspapers, magazines & books with many railroad references. Also have WPA manuscripts on Oregon railroads. These cover from late 1930s to early 1940s and include some photos, maps, and narratives concerning railroads in various geographic areas of Oregon. Not included in the *Guide*. The library's photos are not grouped by railroad but by photographer so that it is a very slow process to find photos, if they exist on specific railroads. Ben Maxwell took some railroad pictures.

OSU **Ohio State Univ.,** Columbus, Ohio 43210 *(Letter)*

OTHCM **Othello Community Museum,** P.O.Box 121, Othello, Wash. 99344 *(Letter)*

OUY **Oklahoma Historical Society,** Wiley Post Historical Bldg., Oklahoma City, Okla. 73105 *(Letter)* Railroad collection limited to maps.

OWRHS **Ontario & Western RR Historical Society,** P.O.Box 713, Middletown, N.Y. 10940. Has the huge O&W company records formerly at Cornell Univ. plus other railroad material of Middletown area. *(Letter)*

PABBP **Babcoock Borsig Power Co.,** Erie, Pa. has Heisler and Climax boiler drwgs.

PACMU **Canal Museum,** 200 S. Delaware Dr., P.O. Box 877, Easton,

PAEPL Easton Public Library, Easton, Pa. L.V.RR clippings

PASRR **Strasburg RR Co.** Wm. Sellers Company Collection

PAT **The Athenaeum of Philadelphia,** East Washington Square, Philadelphia, Pa. 19106. *(Letter, visited)* RR materials in the Rupp Transportation Collection of Philadelphia area railroads-books, guidebooks, timetables 1900s. Most timetables and ephemera in 1950s. Material entered in the *Guide* largely guidebooks. Collection goes to about 1970. About 1000 books including Poors Manuals and Appleton Travel Guides.

PATM **Pennsylvania Trolley Museum** Arden, Pa. Brill Co. subsidiary photos.

PAU **Univ. of Pennsylvania Library,** 3420 Walnut St., Philadelphia, Pa. 19104. *(book, Railway Economics 1912 book, visit)* The Lippincott Library of the Wharton graduate school has the RR material from mid 19th century. It is not card cataloged at the library and is stored in boxes in the basement - inaccessible to researchers. The 1912 Bureau of Ry. Economics Catalog has descriptions of the library's holdings up to 1912. The *Guide* includes this information.

PBCHS **Palm Beach County Hist. Soc.,** ,Palm Beach, Fla. 33480*(Visited, but incomplete)*

PCHS **Plumas County Hist. Society,** Quincy, Cal. 95971

PCMA **Park County Museum Association,** Livingston, Mont. 59047. Has Northern Pacific Ry operating department material from Livingston division office and maybe shop. (Did not respond to two written requests for information.)

PERRY **Otto Perry negative collection,** Denver Public Library, Western History Dept., 1357 Broadway, Denver, Colo. 80203*(neg. cat.)*

PHA **Pennsylvania State Library,** Capitol Grounds, Harrisburg, Pa. 17105. *(Letter, Check List of Publications on American Railroads before 1841.Visited)* The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will

be necessary to know the name of the state report. Like most libraries the items on the computer only go back a few years and the card files must be used for the types of things you will be interested in.

PIT **Univ. of Pittsburgh**, Pittsburgh, Pa. 15213 *(visited, Nat.Union Cat. ,Letter)*

PLF **Free Library of Philadelphia**, (public lib.) Logan Square, Phila., Pa.19103.*(visited)* Little material in reference dept. . Some of Pa.RR and Reading but relatively recent, after 1900

PMH **Pennsylvania Historical and Museum Commission**, Wm. Penn Museum, P.O. Box 1026, Harrisburg, Pa. 17105. *(visited, "Guide to Manuscript Groups in the Penna. State Archives" by Harry Whipkey, 1976, Nat.Union Cat.)* Advance contact required. Open Monday-Friday 9-4. Although the Railroad Museum at Strasburg is part of the P.H.M.C., a portion of the railroad collection is in the archives building at Harrisburg. Pennsylvania RR and the Penn Central RR Collection is stored at Harrisburg and listed under code PMHP. The Lehigh Valley archives are listed under code PMHL. The Erie RR archives are listed under code PMHE, and are referred to as the Erie Lackawanna Ry records, but are almost entirely Erie records. Also has street and interurban railway pictures.

PMHA **Park McCullough House Association**, North Bennington, Vt. 05257 *(visited, Letter)* Rutland & Erie RR material.

PMHE **Pennsylvania Historical & Museum Commission Erie-Lackawanna Ry** collection comprises minute books of the predecessor lines of the Erie RR.

PMHL **Pennsylvania Historical & Museum Commission Lehigh Valley RR** collection has corporate records of the LV and its coal companies.

PMHP **Pennsylvania Historical & Museum Commission Penn-Central RR** collection of predecessors of NYC and Pa. RRs mostly in the eastern and central part of Pennsylvania. Also has extensive Pennsylvania RR materials not obtained in the Penn Central coll. Inadequately staffed by people knowing nothing about railroads. An initial listing of holdings at the P.H.M.C. was obtained at Hagley Museum. Subsequently the P.H.M.C. sent other lists entitled Contents of Vol. 3, 4, 5, 6 and a hand written list of contents of 19 cartons of Pa. RR subsidiary company files. These lists gave many more railroads than the Hagley list. It is presumed that these list contents are all at Harrisburg, and so are included in PMHP.

PMHS **Pere Marquette Hist Soc**, Van Wylen Library, Hope college, Holland, Mich. Much material on the P.M. and its predecessors. For list of likely predecessors having material see Guide to RR Historical Resources, page 203.

PMMUS **Philadelphia Maritime Museum**, 331 Chestnut St., Philadelphia, Pa.

PMSD **Siouxland Heritage Museums**, Pettigrew Museum, 200 W. Sixth St., Sioux Falls, S. D. 57102 *Nat.Union Cat., Letter)*

PPF **Franklin Institute**, Philadelphia, Pa. The institute used to have good runs on various railroad periodicals and some old printed matter. All have now been sold to other locations. The St. Louis Mercantile Inst. has acquired some and Hagley Museum acquired electric railway periodicals. A British dealer acquired the trade catalogs.

PPHM **Panhandle Plains Historical Mus.**, Canyon, Tex. 79015 *(Nat.Union Cat., Letter)*

PSH **Swarthmore College** - Friends Library, Swarthmore, Pa. 19081*(manuscript coll. book, Letter)*

PSMA **Pilgrim Society**, 75 Court St., Plymouth, Mass. 02360. *(Nat.Union Cat.)* Possibly only partial listing. No response to request for information.

PSMHS **Puget Sound Maritime Hist. Soc.**, 2161 E. Hamlin St, Seattle, Wash. 98112

PUL **Princeton Univ.** Firestone Library, Princeton, N.J.,08540. *(Check List of Publications on American Railroads before 1841., Letter)* Library has no railroad special collections. Individual printed items not cross referenced under subject of railroads. No attempt to pick out railroad names in the huge general card catalog index. The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report. Unknown if the items listed in the *Check List* are still held by the library, and if so, if they have material on the more recent period of 1840-1870s (or later).

PULF Transferred to Barriger Library, BARPF. The PULF listings have been replaced and now appear correctly in the Addenda as BARPF in the Addenda

PULFD **Historic Pullman Foundation**, Hotel Florence, 1111 So. Forestville Ave., Chicago, Il. 60628 *(letter)*

PULL **Pullman Car Company negative collection**, c/o Smithsonian Institution, Div. of Transportation, Washington, D.C. 20560. *(neg. catalog)* Freight and passenger cars. (Some passenger car negatives owned by State of California at Sacramento).

QPR Carnegie Library 400 Forbes Ave, Pittsburgh 15213 has Pa. RR negs of Abe Brown taken in 1930s-40s Pittsburgh No special collections indexed to railroads.

QQR **Historical Society of Pennsylvania**, 1300 Locust St., Philadelphia, Pa. 19107. *("Guide to Manuscript Collections of the Hist. Soc. of Penna.., Nat.Union Cat., Visited)* J.G.Brill Car Co. negatives see code QQRB

QQRB **Historical Society of Pennsylvania**, 1300 Locust St., Philadelphia, Pa. 19107 (visited) J. G. Brill Co. negatives and prints. Prints are mounted in small albums in numeric order. Not all prints still have negatives. It is assumed that all orders after #12,500 (1902) had photos taken although some did not and therefore the *Guide* may be incorrect in listing pictures for some companies who only ordered between 1902 and 1916. After 1916 every order was photographed as far as is known. Also has 10,000 items of Brill records.

QQS **Hist. Soc. of Western Pennsylvania**, 4338 Bigalow Blvd., Pittsburgh, Pa. 15213 *(letter, Nat.Union Cat.)*

QWX **Essex Institute**, 132 Essex St., Salem, Mass. 01970. *(Nat.Union Cat., Letter, Visited)*

QYC **Manchester City Library**, Manchester, N.H. 03108*(visited)* Most of their collection is in 20 scrapbooks, indexed as to railroads. Material is so various as to defy easy description, but useful.
The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.
The library has a great deal on foreign railroads. It also has much on railroad signalling.
Where a U.S. railroad has an X in the Map column these are almost entirely the White & Kemble Maps. Information on maps of foreign countries is from the Dictionary Catalog of the Map Division, N.Y.Pub.Lib., 1971

RBN **Brown Univ.** Library, Providence, R.I. 02912. *(letter)*

RCE **Rice University**, Box 1892, Houston, Tex. 77251 *(Letter)*

RCM **Rhode Island College**, Library, Providence, R.I. 02908 .

RHHA **Railroad House Historical Association**, P.O. Box 519, Sanford, N.C. 27330

RIDHS **Old Dartmouth Hist. Soc.**,.18 Johnny Cake Hill, New Bedford, Ma 02740 *(Nat.Union Cat.)*

RIHS **Rhode Island Hist. Soc.**, 121 Hope St, Providence, R.I. 02906 *(letter)*

RK7 **Peacedale Public Library**, Peacedale, R.I. 02883

RLHPC **Railway & Loco. Hist. Soc. – Pacific Coast Chapter**, Fed Stindt 15,000 negs.

RLHS **Railway & Locomotive Historical Society**, 115 "I" St., Sacramento, Calif. 95814. Only open parttime. Write ahead. Contains R&LHS collection of mostly photos, passes, some ephemera, but few books. Admittance to the library files prohibited. Has Fred Jukes oversize prints.

RLHSE **Railway & Locomotive Historical Society - East.** Transferred to RLHS - Sacramento Locomotive & builder records, 10,000 negatives, reference library, negative catalogs of most major collections, extensive material on what is available at 700 other locations.

RLHSP **Railway & Locomotive Historical Society - Pollitt Collection.** See RLHS Sacramento This collection comprises brief histories and locomotive records on thousands of steam railroads and industrial locomotive users. It is one of two excellent "catch-all" collections. The other is the Schissler Coll. at the DeGolyer Library on electric railroads. The information was culled from previously published books, booklets, and magazine articles, and probably will not give information unknown to a person who has already studied the railroad The collection's primary value is that information on so many railroads has been gathered into a single collection of 40,000 pages.

RLHSS **Railway & Locomotive Historical Society**, Southern California Chapter Los Angeles County Fair Grounds, Pomona, Cal. 91769 Has considerable but not catalog and unknown. Includes W. B. Groome photo coll.

ROMHS **Rome Historical Society**, Rome, N. Y. 13440. Not known what material on Rome Loco. Works.

ROSL **Rosenberg Library**, Galveston, Tex. 77550 *(Nat.Union cat., Letter)*

RPMTX **Railroad & Pioneer Museum**, 710 Jack Baskin St., P.O. Box 5126, Temple, Tex. 76501. *(Letter)* This is a local area museum

having area materials on the M.K.T. and Gulf Coast & Colo. RR (AT&SF)

RRENT **The Railroad Enthusiasts**, P.O. Box 1318, New York, N.Y. 10017. *(letter)* Has the Williamson Library, Rm. 1646, Grand Central Terminal. Open by appointment. The library was created about 1940 from a donation by the president of the New York Central of his railroad books which were primarily New York Central oriented. Since then miscellaneous items have been added. Has catalogs of railroad supply companies and these have been entered in the *Guide*.

RRIAN **Railroadians of America**, 18 Orkner Parkway, Livingston, N. J. 07039 Refused help. Has Robt. Schmied 5000 old copy negatives, many rare.

RRMUS **Railroad Museum of Pennsylvania**, Strasburg, Pa. 17579. *(visited)* Open daily and weekends 9-4. Advance contact desirable. The largest general collection in existence as a result of gifts and purchases of several prominent and many lesser collectors. Has collection of Thomas T. Taber, who assembled one of the six largest collections in the United States. Because of lack of interest by the Penna. Hist. & Mus. Commission in Harrisburg, of which the Railroad Museum is part, publicity and staffing of the facility is inadequate.

RRR **Univ. of Rochester Library**, Rochester, N.Y. 14627; *(Letter, Check List of Publications on American Railroads before 1841.visit)* A collection of stock certificates of about 200 railroads, mostly NYC predecessors. The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.

RYTY **Railways to Yesterday**, P.O. Box 1601, Allentown, Pa. 18105. *(Letter)* Basically a museum devoted to electric railways with most of library collection dealing with Lehigh Valley Transit and its predecessors. Only L.V.T. included in the Guide.

SA4 **North Carolina Office of Archives & History**, 109 E. Jones, Raleigh, N.C. 27601. *(Nat.Union Cat., "Guide to Private Manuscript Coll. in the N.C.State Archives" by Crabtree, 1964; "North Carolina State Archives Guide to Private Collections", "Guide to Manuscript Collections of North Carolina Hist. Comm.", 1942;, Letter)*

SACRR **Sacramento Railroad Museum**, , Sacramento, Cal. Incomplete information.

SANG **Sangamon State Univ.**, Springfield, Ill. 62708 *(Visited)* Railroad materials in Dimarco coll. Mostly 8x10 photos, 1940s and later. Little reference caliber material except Chicago & Alton maps..

SAUHS **Sausalito Hist. Soc.**, 420 Litho Street,P.O.Box 352, Sausalito, Cal. 94966. Has railroad photographs and maps from 1875. Did not respond to a request for railroads included.

SCHEN **Schenectady County Hist. Soc.**, 32 Washington Ave., Schenectady, N.Y. 12305. *(Letter)* Has considerable on Alco but only a few (?) drawings of locomotive detail parts and corporate records.

SCHUY **Hist. Soc. of Schuylkill County**, 14 N. 3rd St., Pottsville, Pa. 17901; *(letter)* Supposedly has considerable on the early era of anthracite railroads.

SCMUS **South County Museum**, P.O.Box 709, Narragansett, R.I. 02882 Edward Prentice RR coll. on several R.I. Railroads.

SCPM **Sioux City Public Museum**, 2901 Jackson St., Sioux City, Ia. 51104

SCSA **South Carolina State Archives**, Columbia, S.C. 29201 *(Letter)* Has annual reports, often only abstracts.

SDDPL **Deadwood Public Library**, 435 Williams St., Deadwood, S.D. 57732 *(letter)*

SDERA **San Diego Electric Ry. Assoc.**, P.O.Box 89068, San Diego, Cal. 92138. *(Visited)* Material limited to San Diego trolley system and relatively small in quantity.

SDHS **San Diego Hist. Soc.**, Balboa Park, San Diego, Cal. *(Visited)* Photos primarily of right of way and equipment donated by banks and insurance companies. Spreckels Co. donated S.D.&A.E.

SDRM **San Diego Railroad Museum**, 4695 Nebo Dr., La Mesa, Cal. 92041 (address subject to change) *(letter, Visit)*. Has large collection of San Diego & Ariz. Eastern material removed from company offices. Timetables relatively recent although some go back to 1930s and earlier.

SDSHS **South Dakota Historical Society**, 900 Governors Dr., Pierre, S.D. 57501. *(Letter)* Little railroad material. Some on Black Hills area and some maps.

SHAS **Museum of Staten Island**, 75 Stuyvesant Place, Staten Island, N.Y. 10301 *(Letter)*

SIHC **Steel Industry Historical Co.** 388 E 9th Ave, Homestead, Pa 15120 probably has material on Union RR, Monongahela Connecting RR, Aliquippa & Southern RR and some of the others (I did not check into what the institute has.)

SIIAS **Staten Island Institute of Arts & Science**, 75 Stuyvesant Place, Staten Island, N.Y. 10301 *(Nat.Union Cat.)*

SKCHS **Historical Society of Seattle & King County**. 2700 24th Ave. East, McCurdy Park, Seattle, Wash. 98112. *(visited, Letter)* Operates the Museum of History and Industry, 2161 East Hamlin St., Seattle. Advance notice of visit necessary. Probably the best railroad collection west of Minneapolis in the north west quarter of the U.S. Huge collection of employee timetables and maps.

SKMNY **Skenesborough Museum**, The Boulevard, Whitehall, N.Y. 12887 *(Letter)*

SLM **St. Louis Mercantile Library Assoc Univ. of Mo. – St. Louis 8001 Natural Bridge Rd** St. Louis, Mo. 63188. *(visited)* A private library but open for non members. List21-4499gs with the SLM code are in the main catalog file at the library. They may be transferred to the Barriger card file in the future; Library also has Isabel Benham records of 1960s on railroad securities and finances.

SLMF **St. Louis Mercantile Library Assoc., Barriger Library Same as SLM** *(visited)* Has the John W. Barriger III collection, AARL collection, and PULF collection now recoded BARPF.. Particularly excellent for the 50-70 major U. S. and Canadian railroads from 1920 on (annual reports, passes, etc. are almost all after 1920). Also a fair number of pre 1900 books. For railroads in existence before 1900 for which there is an X in Data, this is usually 1916 I.C.C. Valuation histories. For most columns having an X, there is a great deal of material pertaining to that category. For maps there are track charts, profiles, traffic density, terminal layouts A huge photographic collection of stations, track and junction scenes taken by Mr. Barriger from the rear of his business cars, mostly between 1925 & 1940 (but no locomotives). For persons doing research on any major railroad, this library is an absolute MUST. Has many Copeland Freight Traffic Density Maps, see code SLMFC, and some Reconstruction Finance Corporation maps.

SLMFC **St. Louis Mercantile Library Assoc., Barriger Library**, P.O. Box 633, St. Louis, Mo. 63188. Copeland Freight Traffic Density maps and charts. This collection plus those at Northwestern Univ. Transportation Library and Harvard Business School's Baker Library manuscript dept. are the only known sources of them.

SLR **Radcliffe College** Library, 3 James St. Cambridge, Mass. 02138. *(Letter)* Railroad materials limited to family papers/records of Henry V. Poor (Poor's Manuals)

SMI **Smithsonian Institution**, Div. of Transportation, NMAH-5010/MRC 628, Washington,DC 20560. *(Nat. Union Cat., letter, printed catalogs, Letter)* It is necessary to write ahead to make an appointment to visit the reference materials at the Smithsonian. Extensive library of books,etc. (SMI code excludes Chaney negatives which are coded CHAN, Pullman Car Company negatives coded PULL, Thomas Norrell coll. SMIN, Southern Iron & Equipt. coll - SMIS, and Haskell & Barker coll, Harry McBride coll, Clayton Hall coll coded SMIH,SMIC, SMIM). Smithsonian has several otherdifferent negative catalogs - Street Cars, Railroad Cars (2), and Locomotive and Railroad Views.

SMIC **Smithsonian Institution -Clayton M. Hall Photographic Coll.**, Division of Transportation, Washington, D.C. 20560. *(Printed catalog)*. Photos of the late 1930s - 1960s.

SMIH **Smithsonian Institution - Haskell & Barker Car Co** (Michigan City, Ind.) **Photographic Coll.**, Div. of Transportation, Washington, DC 20560 *(printed catalog)* Negatives of freight cars late 1920s-1950s.

SMIM **Smithsonian Institution - Harry A. McBride Photographic Coll.**, Division of Trans-portation, Washington, D.C. 20560 *(Printed catalog)*.

SMIN **Smithsonian Institution - Thomas Norrell Coll.**, Div. of Transportation, Washington, DC 20560. *(printed catalog)* 10,000 negatives mostly locomotives.

SMIS **Smithsonian Institution - Southern Iron & Equip. Co. coll.** Div. of Transportation, Washington, DC 20560 *(printed catalog)* 700 negatives 1896-1926 of locomotives purchased for resale.

SMT **South Dakota School of Mines & Technology**, Devereaux Library, 501 E. St. Joseph St., Rapid City, S.D. 57701. *(Letter)* Has Mildred Fielder collection of notes used for her books on railroads of the Black Hills.

SNN **Smith College Library**, Northampton, Mass. 01060 *(letter, Nat.Union Cat.)*

SNYPL **Susquehanna Public Library**, Susquehanna, Pa. 18847. Has some Erie RR material concerning the local shops.

SONOM **Sonoma State Univ.**, Sonoma, Cal. See Northwestern Pacific Railroad Hist. Soc., NWPHS.

SOOL **Soo Line Historical Society**, 1315 Green Acres Lane, Neenah, Wis. 54956 Has 400 drawers of engineering material of MStP&SSM..

SPI **Illinois State Historical Libr.**, Old State Capitol, Springfield, Il. 62701. (*Letter*) Has one or two items on many railroads, but does not seem to have significant coll. except on Illinois Terminal RR.

SPMHS **St. Petersburg Hist. Soc.**, 335 2nd Ave N.E., St. Petersburg, Fla. 33701 (*letter*)

SPNEA **Society for Preservation of New England Antiquities**, 141 Cambridge St., Boston, Mass. 02114. Open Tuesday-Friday 9:30-5. Advance appointments necessary. (*Nat.Union Cat.*) Boston & Albany RR and Boston Transit collections.

SPSHS **Spokane Portland & Seattle Ry Hist. Soc.**, 8002 N.E. Highway 99, #40, Vancouver, Wash. has 100 boxes of files from Engineering Dept. of SP&S Ry, corporate minute books and photos of SP&S and five predecessors. Formerly called Burlington Northern Vets Ry. Mus, 16th & Main St., Vancouver, Wa. 96668.

SSIT **Sauk Suiattle Indian Tribe**, 9920 Highway 99N, Marysville, Wash. 98270

STF **Stanford University Hopkins Library** , Stanford, Cal. 94305 (*visited, "Catalogue of the Hopkins Railway Libr., " by Frederick J. Teggart", 1895, Railway Economics 1912 book, Check List of Publications on American Railroads before 1841, Nat.Union Cat.*) The former Hopkins Transportation Library collection, acquired mostly prior to the 1940s for railroad items. Stanford was the only university west of the Mississippi River to have a railroad library in the 1800s. Set up in 1892 by Timothy Hopkins for his collection, it quadrupled in size by 1895 when an inventory was published of its holdings. In 1936 it was renamed Hopkins Transportation Library. As a result Stanford has one of the four or five greatest collections of railroad books and ephemera in the U.S. - both pertaining to specific railroads and on railroading subjects. In the 1960s the contents of this library were disbursed thruout Stanford's various libraries. Most of what is of interest in the *Guide*, if not all of it, is now in the Green Library. Items coded STF are entries made primarily from the 1912 book and the *Check List* , and some or many items may no longer be at the library.

STFC **Stanford Univ.**, Green Library, Special Collections, Stanford. (*Visited*) Special collections at Stanford have been coded STFG for Green Library but some are coded STFC which may be in an area not generally referred to as the Green Library although in the same building. All STFC and STFG special collections are probably cross indexed.

STFG **Stanford Univ. Green Library**, Stanford, Cal. 94305. (*visited*) Items coded STFG were found in preparing this guide whereas STF are taken from the 1912 *Ry. Economics* book. Special collections have been coded STFC usually and are given numbers in the Arch. column. STFG items, without an archive number (having only x's), are miscellaneous materials which should be found in the Green Library's main computerized card catalog. The library has a large amount of foreign railroad material, particularly on England. Most of the U.S. material is annual reports. Materials are found in the 385. series numbers. The Tillitson collection is mostly common notes on about 15,000 steam and electric railroads taken from magazine articles and Poors with less than a page of information. Fewer than 5% have reference-quality information. Not entered in the Guide.

STLCH **St. Lawrence County Historical Association**, P.O. Box 8, Canton, N. Y. 13617 (*letter*)

STMHS **Hist. Soc. of St. Marys & Benzinger Twnp**, St. Marys, Pa.15857 Possibly only part of holdings entered in the Guide. No response by them to request for information.

STO **Stonehill College**, North Easton, Mass. 02357 (*letter*)

STPHS **St. Petersburg Hist. Soc.**, 335 2nd Ave. N.E., St. Petersburg, Fl. 33701

SUC **Univ. of South Carolina Library**, Columbia, S. C. 29208. (*Nat.Union Cat.. Letter, "A Guide to the Manuscript Collection of the South Carolina Libr.," by A.H.Stokes, 1982.*) Most or all material is in South Caroliniana Library.

SUR **Sul Ross State Univ. Library**, Box C-149, Alpine, Tex. 79830 (*Nat.Union Cat., Letter*)

SVP **St. Louis Public Library**, 1301 Olive St., St. Louis, Mo. 63103 (*Letter*)

SWW **Winthrop College Library**, Rock Hill, S. C. 29733 (*Nat.Union Cat., Letter*)

SYB **Syracuse University**, Geo. Arents Research Library, Syracuse, NY 13244, (*printed cat,visit, letter, Nat.Union Cat.*) DL&WRR and Erie RR archives, negatives of DL&W. They have large collections of company records on Alco, B&O, C&O, D&H, Erie, Hocking Val, Lack&Wyo.Val., Pere Marq. and their numerous subsidiaries, but do not have any index to these collections.

SYBF **Syracuse Univ. State College of Forestry and Environmental Science**, Syracuse, N.Y. 13244

TAL **Talladega College Library**, 627 West Battle St., Talladega, Ala. 35160 (*Nat.Union Cat.*) Possibly only part of holdings. No response to request for information.

TAW **Tacoma Public Libr.**, 1102 Tacoma Ave. South, Tacoma, Wash. 98402 (*Nat.Union Cat.*) N.P. collection will probably go to Washington State Hist. Soc.; file folders on other RRs. under Tacoma-RRs, Northwest-RRs.

TET **Eastern Tennessee State Univ**, Johnson City, TN 37601. has close to 20 special collections dealing with railroads. A summary sheet the college has ties them together as some railroads are in two or more collections Carolina Clinchfield & Ohio includes corporate records. Some railroads not listed in the Guide. Good source for RRs in eastern Tenn. (*Nat.Union Cat., Letter*)

TEU **Temple Univ.** Philadelphia, Pa. 19111. (*Letter*) Has part of Pa. RR Collection. See code TEUP. Also has newspaper clippings on all area railroads from 1900-1980s.

TEUP **Temple Univ.** Philadelphia, Pa. 19111. Penn-Central Pennsylvania RR Collection of minute books, finance records, some annual reports, etc. of predecessors of the Pa. RR in the Philadelphia area of Penna. including trolley lines they had an interest in.
The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.
The Hoover Institute, which is not part of Green Library, has extensive Russian railroad material.

TIOGA **Tioga Point Museum**, 724 S. Main St., Athens, Pa. 18810 (*letter*) L.V.RR personnel records of their Sayre Shops., other LV material.

TJC **Vanderbilt University**, Nashville, Tenn. 37240 (*Visited*) No special collections on railroads.

TKG **Univ. of Tennessee Library**, Knoxville, Tenn, 37916 (*visited, Nat.Union Cat., Letter*)

TKGN **Univ. of Tennessee Stokely Library**, Newport, Tenn. 37821

TKL **Knoxville-Knox County Public Library**, 500 W. Church Ave., Knoxville, Tenn. 37902 (*Nat.Union Cat., Letter*)

TMA **Memphis State Univ.Library**, Mississippi Valley Coll., Memphis, Tenn. 38152. (*Nat.Union Cat., Letter*) Besides what is card indexed at the library, they have a vertical file "Railroads" and this material has been entered in the *Guide*.

TMI **Midwestern State Univ. Library**, 3400 Taft St., Wichita Falls, Tex. 76308 (*letter*)

TNS **Tennessee State Library & Archives**, Nashville, Tenn. 37243 (*Nat.Union Cat.,visit, Letter*)

TRNGH **Three Rivers Narrow Gauge Historical Society**, 218 19th St. Findlay, Ohio 45840

TRRA **Terminal Railroad Association of St. Louis Historical & Technical Society**, P.O. Box 1688, St. Louis, Mo. 63188. (*letter*) Besides material on the T.R.R.A. and several predecessors, has pictures and negatives on St. Louis area railroads.

TTTPA **Thomas T. Taber III**, 504 S. Main St., Muncy, Pa. 17756 private reference library.

TUXHS **Tuxedo Historical Society**, Tuxedo Park, N.Y. 10987. Material on Sterling Mountain RR and mines it served.

TWB **Wayland Baptist Univ.**, Plainview, Tex. 79702 (*Letter*)

TWU **University of the South**, Sewance, Tenn. 37375 (*Letter*)

TXC **Abilene Christian Univ.**, Library, Abilene, Tex. 79601. (*Letter*) Considerable RR material.

TXK **Stephen F. Austin College Library**, Nacadoches, Tex.75962. (*Nat.Union Cat., Letter*) Their forest history collection includes six or seven lumber company collections with apparently correspondence by these companies with numerous railroads on which freight was shipped. College also has other railroad materials.

TXMCH **Motley County Historical Commission**, Floydada. Tx

TXN **Houston Public Library** (and including Metropolitan Research Center) 500 McKinney St., Houston, Tex. 77002. Except for the Research Center has very little.(*letter, visit*)

TXS **Hardin Simmons Univ. Richardson Lib.**, Abilene, Tex 79601

TXU **Univ. of Texas, El Paso**, Library, El Paso, Tex. 79902. Southern Pacific RR material not all cataloged at the library. Probably deals with the El Paso area.

TYC **Trinity College**, Watkinson Libr., Hartford, Ct. 06106 (*visited, Letter*)

UAF **Univ. of Alaska Fairbanks**, Fairbanks, Ak. 99774 (*letter*)

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Y **Brigham Young University,** Harold B. Lee Library, Archives & Manusc., Provo Ut. 84602 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984, Letter)*

UCB **Univ. of California at Berkeley Library,** Berkeley, Cal. 94720. *(Nat.Union Cat. "Guide to Special Coll., Univ. of Cal, Berkeley" 1973 by A.E. Phillips, Visited)* Information on map holdings was obtained from *"Index to Printed Maps"* 1964, U.of C.-Berkeley. All other railroad material is at Bancroft Libr.(CUY), which is the research library at Berkeley. Due to a possible error in getting information it is possible some railroads listed with maps have the maps at Bancroft Libr. instead

UCR **University of California,** P.O.B 5900 Riverside California, 92507 Museum of Photography,

UCW **Univ. of Connecticut Library,** Historical Manuscripts & Archives, U-205, Room 249, 233 Glenbrook Rd, Storrs, Ct. 06268. *(Nat.Union Cat., Letter)* See code UCWNH for New Haven RR corporation records.

UCWNH **Univ. of Connecticut NYNH&H Corp.** Bldg. U-205, Storrs, Ct. 06268. 2000 linear ft. of records of NH and all (?) predecessors. Collection is owned by New Haven RR Hist. & Technical Assoc. of New Haven. Original collection had almost nothing on the operating departments, but some operating information is being added as it comes available.

UIU **Center For Research Libraries - Univ., of Illinois,** 6050 S. Kenwood Ave., Chicago, Il. 60637. *(Nat.Union Cat., Railway Economics 1912 book, Check List of Publications on American Railroads before 1841. visited, Letter)* Univ. of Illinois's former railroad collection. The 1912 Bureau of Ry Economics listings are apparently no longer at Urbana. They were apparently given to Center for Research Libraries. *Check List of Publications on American Railroads before 1841* published in 1942 lists items not on the 1912 list. They may be buried in the main card catalog at Illinois, destroyed, or transferred to Chicago. Other railroad materials at the Center are coded CRL. *Guide* listings having a number in the Archives column are special collections, and these are probably still at the Univ. at Urbana, Ill. in their library. *("Manuscript Guide to Collections at the Univ. of Ill. at Urbana" by Brickford, Sutton & Wells, 1976)*

KA **Old Sturbridge Village Research Library,** Sturbridge, Mass. 01566 *(Nat.Union Cat.)*

UMC **Univ. of Maryland Library,** College Park, Md. 20742 *(Nat.Union Cat., Letter)*

UMK **Univ. of Missouri Library,** 5100 Rockhill Rd., Kansas City, Mo. 64110 *(Nat.Union Cat., Visit, Letter)* Possibly only part of holdings . Tedrow coll. coded UMKT

UMKT **Univ. of Missouri Library, Tedrow Collection,** Western Historical Manuscripts Collections, Kansas City Campus, 5100 Rockhill Rd, Kansas City, Mo. 64110. A fair size of miscellaneous material on about 130 railroads. Class I railroad passes are mostly 1915-1930.

UMR **Univ. of Missouri Library,** Rolla, Mo. 65401 *(Nat.Union Cat, Letter)*

UMRS **Univ. of Missouri Library - St. Louis San Francisco Archives,** Rolla, Mo. 65401. Archives include stock holder lists & minute books of predecessors, some journals, ledgers and annual reports.

UNA **Northern Illinois Univ. Library,** DeKalb, Il. 60115 *(visited, Letter)*

UND **Univ. of North Dakota,** Library, Grand Forks, N.D. 58201 *(Nat.Union Cat., Letter)*

UNL **University of Nevada, Las Vegas,** James Dickenson Library Special Coll., 4505 Maryland Pkwy, Las Vegas, Nev. 89154 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

UNU **Utah State Historical Society,** 603 E. South Temple St. Salt Lake City, Ut. 84102 *(Nat.Union Cat., "Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984, Letter)*

UOK **Seattle Public Library,** 1000 4th Ave, Seattle 98104. *(Letter)* Railroad material is in the History, Govt. & Biography Dept. indexed under Railroads. Most are newspaper articles and some historical quarterlies.

UPM **Pennsylvania State Univ.,** Pattee Library, University Park, Pa. 16802 *(visited, Nat.Union Cat., Letter)* Material in several departments but all on a single computer index.

UPMPC **Pennsylvania State Univ. Penn Central RR Collection,** Library, Univ. Park, Pa. 16802. Collection is stored and needs advance notice for retrieval (1 or 2 days). Mostly Pennsylvania RR and some New York Central in Pennsylvania, Ohio, and lesser amounts on other states.

UPRRR **Union Pacific RR,** General Offices Museum,1416 Dodge Street, Omaha, Neb.*(letter printed cat.)* A large corporation library. Also contains the Rastrick Library Collection which is primarily on British railway and locomotive circa 1820-1850. They have U.P. corporate records and recently acquired railroads such as the Western Pacific and Missouri Pacific.

USACB **United States Army Military History,** Carlisle Barracks, Pa. 17013. *(Nat.Union Cat.)* Possibly only part of holdings in the *Guide*. No response by them to request for information.

USACE **Army Corps of Engineers,** Office of Chief Engr, Public Affairs, 20 Mass. Ave.NW, Washington, D.C. 20314. Nineteenth Century railroad construction photos.

USCFS **United States Dept. of Agriculture, Forest Service,** Pacific Southwest Region, 630 Sansome St., San Francisco, Cal. 94111. *(Letter)* Has a considerable material and photos on logging railroads in California. In the *Guide* a question mark indicates it is not known if the Forest Service definitely has photos or data beyond what may have been reported in some book or booklet.

USD **Univ. of South Dakota,** 414 E. Clark St, Vermillion, S.D. 57069 *(Letter)*

USRC **Union Station Redevelopment Corp.,** 444 N. Capitol St. NW, Suite 740, Washington, D.C. 20001 125 linear ft. records, plans, photos on Union Station and its redevelopment 1982-89.

UTG **University of Montana,** Missoula, Mont. 59812 *(Guide to Manuscripts in Montana Repositories, Letter)*

UTLDS **Church of Jesus Christ of Latterday Saints, Historical Dept.,** Church Library-Archives, 50 East North Temple St, Salt Lake City, Utah 84150 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

UTRFS **Regional Forest Service,** Historic Photo Collection, 324 25th St, Ogden, Ut. 84401 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)* Has a few railroad logging photos. Not entered in the *Guide*.

UTSA **Utah State Archives,** State Capitol Archives Bldg., Salt Lake City, Utah 84114 *(Letter)* Photographs not included in *Guide*. They reported almost nothing on specific railroads. While a few state archives have been found to have little, the lack of reporting may be caused by their indexing.

UUA **Southern Utah State College.** Library, 300 W. Center St, Cedar City, Utah 84720 *("Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

UUM **University of Utah,** Library , Salt Lake City, Utah 84112 *(Nat.Union Cat., "Guide to Railroad Coll. in the Intermountain West" by R. G. Watt, 1984)*

UUO **Weber State College Library,** Ogden, Utah 84408 *(Letter)*

UUS **Utah State Univ.Library,** Logan, Utah 84321 *(Nat. Union Cat., Letter)*

UV@ **Univ. of Virginia,** Alderman Library, Charlottesville, Va. 22901 *(Nat.Union Cat. Visited)*

UV@S **Univ. of Virginia-Thomas Streeter Coll.,** Alderman Library, Charlottesville, Va. 22901. This collection of very old material on southern railroads is very extensive. Mr. Streeter, who specialized in pre 1841 materials also gave much to the American Antiquarian Society at Worcester, Mass., coded AQM.

VALFL **The Historical Society Museum** (formerly Hist. Soc. of Okaloosa & Walton Counties), P. O. Box 488, Valparaiso, Fla. 32580. Material mostly from former L&N RR depot at Valparaiso *(Letter)*

VAMAR **Marine Museum,** 100 Museum Dr., Newport News, Va. 23606*(Letter)* Has material on water operations of some railroads.

VANNL **Newport News Public Library,** Newport News, Va. *(Nat. union catalog)*

VAWL **Washington & Lee Univ.,** Lexington, Va. *(Nat. Union Catalog)*

VBM **State University of New York at Buffalo Library,** 201 Baird Hall, Buffalo, N.Y. 14214 *(Nat.Union Cat., Letter)*

VCN **Christopher Newport College,** C&O RR Historical Coll., Newport News, Va. 23606

VDA **Adriance Memorial Library,** 93 Market St., Poughkeepsie, N. Y. 12602. *(Nat.Union Cat.)* Possibly only part of holdings. No response to request for information.

VDR **Franklin D. Roosevelt Library,** Hyde Park, N.Y. 12538 *(Nat.Union Cat., Letter)*

VENT **Ventura Public Library,** Ventura, Cal. 93001 *(Nat. Union Cat, Letter)*

VGA **Orange County Community College,** Middletown, N.Y. 10940. Has Lehigh & Hudson River RR collection belonging to Ontario & Western Ry Hist. Society.

VGB **Virginia Hist. Soc.,** 428 North Boulevard, Richmond, Va. 23221 *(Nat.Union Cat. "Guide to the Manuscript Coll. of the Va.Hist.Soc., Visited, Letter)*

VGZ **Port Jervis Public Library,** Port Jervis, N.Y. 12771. Has some Erie RR material

VIC **Virginia State Library,** Richmond, Va. 23219. *(Annual Report of the Archival Accessions, Virginia State Libr." 1976-83, "Bibliography of Va., Vol. 1 & 2, 1916-&1917, Letter)* Many an-

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nual reports and some miscellaneous railroad material entered in the *Guide* from the 1916, Vol. 1 Bibliography of Virginia.

VOLL **Harold K. Vollrath,** 1000 West 97th Terrace, Kansas City, Mo. 64114. *(Neg. catalog)* Cataloged negative collection, prints for sale.

VPI **Virginia Polytechnic Institute Library,** Blacksburg, Va. 24061., *("Manuscript Sources for Railroad History" at Carol M. Newman Libr., Virginia Tech.)* N&W archives & predecessors and Southern Ry predecessors.

VRP **Richmond Public Libr.,** 101 E. Franklin St., Richmond, Va. Incomplete information

VSL **Vermont State Library,** Montpelier, Vt. 05602 *(Visited, letter)* Library has some excellent volumes of 1840s on railroads proposed for Vermont and the annual reports of railroad commissioners for Vt 1856-1908, R.I. 1850-1912, Mass 1879-1912, Me 1858-1884, N.H. 1847-1910, Wis.1874-to date, and N.Y. State 1849-1882.

VTAL **Martha Canfield Memorial Free Library,** Arlington, Vt. 05250 *(Visited)* George A. Russell coll. Many railroads have only an 1899 annual report. A considerable part of the collection is freight and passenger station records such as freight bills.

VTHS **Vermont Historical Society,** Montpelier, Vt. 05602 *(Nat. Union Cat., visited, Letter)* Has a good collection of old railroad maps. Many of the railroad photos are post cards.

VTIP **Island Pond Historical Society,** Island Pond, Vt. 05846. Has Grand Trunk U.S. material mostly obtained from stations.

VTP **Buffalo & Erie County Hist. Soc,** 25 Nottingham Court,. Buffalo, N.Y.14216 *(Nat.Union Cat., Letter)*

VTRR **Virginia & Truckee RR Museum,** Carson City, Nev. 89701

VTSAM **Historical Museum of St. Albans,** St. Albans, Vt. *(visited)* The museum has an excellent recreation of an old time depot complete with everything.

VTU **Univ. of Vermont Library,** Burlington, Vt. 05401*(Nat.Union Cat., Visited, Letter)*

VULC **Vulcan Iron Works** locomotive negatives, c/o The Hagley Museum, Library-Photographic Dept., , P. O. Box 3630, Wilmington, Del. 19807 *(Visited)*

VVC **Colgate Univ.,** Library, Hamilton, N.Y. 13346. *(Visited, Letter)* Fuller's large Central New England RR coll. Transferred to Univ. of Ct., ICW

VVCR **Colgate Univ. Robinson Coll.,** Library, Hamilton, N.Y. 13346. *(Visited)* W.W.Robinson's N.Y. State railroad collection with much 1880s-90s original documents, timetables, etc.

VWM **College of William & Mary Library,** Williamsburg, Va. 23185 *(Nat.Union Cat., Letter)*

VZB **State Univ. of New York (SUNY) Library,** Stony Brook, N.Y. 11790 *(Nat.Union Cat., letter, visit)*

WAGPA **Wagner Free Institute of Science Libr.,** 1600 W. Montgomery Ave., Philadelphia, Pa. 19121 *(Nat.Union Cat.)*

WARHS **Warwick Historical Society,** Warwick, N. Y. 10990. Has some Lehigh & Hudson River RR corporate records not at the Orange County (NY) Community College.

WATHS **Waterville Historical Soc.** Waterville, Me. 04901

WAU **Univ. of Washington,** Library, Seattle, Wash. 98105. *("Comprehensive Guide to the Manuscript Collection and to the Personal Papers in the Univ. Archives" by Marilyn Priestly, 1980, Univ. of Wash., Nat.Union Cat., Letter)* Has a large holding of collections. Collections on many lumber companies which operated logging railroads, but not known if the materials on the companies include their railroads. These companies not entered in the Guide. Material is at several library locations - Sizzallo Libr. for special coll., Univ. of Wash. main (?) libr. archives & manuscripts div.

WCHS **Wayne County Hist. Soc.,** P.O. Box 446, Hawley, Pa.18428. D&H material.

WCM **Williams College,** Williamstown, Mass. 01264 *(Letter)*

WEBER **Edward Weber,** 142 New Hampshire Dr, Ashland, Ky 41101.*(neg. cat.)* Negative collection of railroad stations and towers, cataloged, prints for sale.

WELLS **Wellsville Public Libr.,** Wellsville, N.Y. 14895. *(visit)* Negatives of Pitts., Shawmut & Nor. RR.

WEPC **Wisconsin Electric Power Co.,** Archives & Photo Dept., 333 W. Everett St., Milwaukee, Wi 53203. Negatives and glass plates of street car predecessor companies.

WEYER **Weyerhauser Tbr. Co.,** 33663 Weyerhauser Way South, Seattle, Wash. (Mailing address also Weyerhauser Tbr. Co., Tacoma, Wash. 98477.) Company has an extensive library available to serious researchers not employed by the company. Includes predecessor and subsidiaries. Unknown as to what companies they have railroad material or the nature of it. Company did not respond to request for information.

WFPA **Wabash Frisco & Pacific Assoc. ,** Glencoe, Mo.63038. No reply to request for information.

WHAT **Whatcom Museum of History and Art,** 121 Prospect St, Bellingham, Wash. 98225

WIH **State Historical Soc. of Wisconsin,** 816 State St., Madison, Wis. 53706 *(Nat.Union Cat., "Guide to the Manuscripts of the Wisconsin Hist. Soc." 1944 and supplement 1957)*. They are affiliated with the libraries of the Univ. of Wisconsin. Some of their materials has been moved to regional college libraries of the university, which can make it difficult to trace if they do not have an integrated master index for all the schools. Materials coded to WIH and GZM are probably at same location and cross indexed.

WILHS **Wilton Historical Society,** Wilton, Ct. 06897 *(Nat.Union Cat., Letter)*

WINT **Charles E. Winters,** 3717 Northeast 49th St., Kansas City, Mo. 64119. Cataloged negative collection with prints for sale.

WIS **Univ. of Wisconsin,** Library, Stevens Point, Wis. 54481 *(Letter)*

WISA **Wisconsin State Archives,** State Capitol Grounds, Madison, Wis. 53701 *("Guide to the Wisconsin State Archives" by Delgado, 1966)*

WISB **Bennett Studio (H.H.),** P.O. Box 145, Wisconsin Dells, Wis. 53965. *(letter)* Mil. RR negatives 1880-1907

WISMC **Marathon County Historical Society,** 403 McIndoe St., Wausau, Wis 54401. *(visit, Letter)* Extensive negative collection 1900-50 of Wausau photographer J.R. Colby.

WJCHS **Jefferson County Hist. Soc.,** City Hall, Port Townsend, Wash. 98368

WLCHS **Lewis County Hist. Soc.,** 599 NW Front St.., Chehalis, Wash. 98532 *(letter)*

WLU **Wesleyan University,** Middletown, Ct. 06457

WMPT **J.B.Brown Public Library** (Williamsport's public libr.), E. 4th Street, Williamsport, Pa. 17701. *(visited)* Prints from Bradley Hann Collection.

WORHS **Worcester Historical Society,** Worcester, Mass. *("Guide to the Manuscript Coll. of the Wor. Hist. Soc." 1941. letter)* Railroad material in the City of Worcester manuscript collection and County of Worcester manuscript collection.

WPG **Worcester Polytechnic Institute,** 100 Institute Road, Worcester, Mass 01609 *(Letter)*

WRH **Western Reserve Historical Society,** 10825 East Boulevard, Cleveland, Ohio 44106. *(Nat.Union Cat., "Guide to the Manuscripts and Archives of the Western Reserve Hist. Soc.", Visit, Letter)* Has papers of John H. Devereux. The historical society has a manuscript department which

WRHF **Western Reserve Hist. Soc.'s Midwest Railroad Historical Foundation** collection, 10825 E. Blvd, Cleveland, Ohio 44106. This is the collection of the local N.R.H.S. chapter and tends to be the types of materials collected by rail fans. The drawings are architectural drawings

WRJ **Washington State Libr.,** AJ-11, Olympia, Wash. 98504 *(Letter)*

WRMUS **Western Railway Museum** (formerly California Ry. Mus.), 1802 E. 23rd St., Oakland, Cal. 94606 *(Letter)*

WSHS **Washington State Historical Society,** 315 North Stadium, Tacoma, Wash.98403 *(Nat.Union Cat., Letter)*. Material on logging railroads, if any, was not checked into.

WSU **Wright State Univ.,** Dayton, Ohio 45431 *(Nat.Union Cat., Letter)*

WTHS **West Tennessee Hist. Soc.,** Memphis State Univ., Memphis, Tenn. 38152

WTU **Washington Univ. Library,** Campus Box 1061, St. Louis, Mo. 63130. *(visited)* Has Eads Bridge drawings and St. Louis Car Co. collection (see code WTUSL)

WTUSL **Washington Univ. Library St. Louis Car Co. Collection,** Campus Box 1061, St. Louis, Mo., 63130. *(visited)* St. Louis Car Co records, drawings & negatives. Getting prints from builder photos of St. Louis Car Co. is difficult. They normally ignore all inquiries. Few drawings relate to specific cars. Negatives mostly relatively recent. Have prints on about 1/2 of the 1800 orders. Many (?) cars have several negatives or photo prints.

WVARC **West Virginia State Archives,** The Cultural Center, Capitol Complex, Charleston, W.Va. 25305. *(Letter)* Excellent map collection of 160 RRs made by the RRs from 1890 on; Virgell A. Lewis Coll. includes papers on railroads but not cataloged by names.

WVCC **West Virginia Cultural Center,** 1900 Kanawha Blvd East, Charleston, WV 25305 has extensive RR map collection. Most maps are 1895-1930, some earlier RRs T-Z missing. Some RRs may be private coal lines.

WVCL **Wenatchee Valley College Lib.,** 1300 Fifth St., Wenatchee, Wash. 98801

WVCML **Craft Memorial Libr.,** Bluefield, W.Va. 24701. Considerable N&W division superintendent's operating material

VPC **Pocohontas County Hist. Soc.**, Marlington, W.Va. 24954 *(Letter)* It is possible that for some of the lumber companies for which they have photos and are listed in the *Guide*, that they do not have pictures of their railroad. The Marlington RR Depot, Inc. has C&O RR materials dealing with the branch and Huntington office items.

WVSL **West Virginia State Libr.**, Charleston, W.Va. 25305. No response to request for information.

WVU **West Virginia Univ. Library,** Morgantown, W.Va. 26506. *(Nat.Union Cat., "Guide to Manuscript s and Archives in the W.Va. coll., Univ of of W.Va.)* They have many collections with railroad material. Collection descriptions having some railroad material, but not giving name of the railroad, were not checked to determine the railroad's name. Many are minor references.

WYHGS **Wyoming Historical & Geological Society,** 49 Franklin St., Wilkes Barre, Pa. 18701. *(letter, visited)* Their photographs and a few glass plates are in the Vulcan locomotive collection. Much Vulcan material on loco specs from 1902 on, drawings, bulletins, catalogs. They have duplicate roles of microfilm from Hagley Museum. A considerable amount is not locomotive.

WYU **Univ. of Wyoming,** American Heritage Center, Laramie, Wyo. 82071.*(Nat.Union Cat., visit, Letter)* This is one of the ten largest railroad collection libraries in the U.S. and is the poorest organized. Has much of Howard Greene's (coded WYUHG), which is one of the six largest private railroad collections ever assembled, and Rogers M. Whittaker (coded WYURW). The library is gradually being given the huge collection of Wm. J. Dixon, the last C.R.I.&P. president. Much of his material is not relevant to the purpose of the *Guide* as it is material, such as govt. reports, not relating to specific railroads. Collections, currently number more than 250 and are well described in the library's guide and inventory description. Everything is stored donor oriented, which makes it difficult to find things for the researcher. Much material is kept in special collections but some items have been removed from special collections and stored elsewhere. Photos are presently stored in the photographic department of the library. For the most part they are pictures removed from special collections.

YUHG **Univ. of Wyoming Howard Greene Coll.**, American Heritage Center, Laramie, Wyo. 82071. The collection is described in a 600 page inventory which requires a researcher to check every one of the 600 pages when looking for material on a specific railroad. The worst organized major railroad collection in the United States from a user's standpoint. Part of the Green's collection is in the special collection dept. of Northwestern Univ. at Evanston, Ill. There is no apparent reason as to which location each item went.

WYURW **Univ. of Wyoming Rogers E. M. Whitaker Coll,** American Heritage Center. Laramie, 82071. This very large collection is at the wrong location to be used because most items are relatively recent ephemera. The collection is primarily a railfan's collection of books, pamphlets, timetables, etc. from 1940 to 1980. There is a good collection of employee timetables, and some public timetables go back to 1800s. Dining car menus of 1940s-50s from most U.S. and foreign countries having dining cars. None of the pure junk has been disposed. It is organized by types of items so that material of a single railroad may be in 10 or 15 different locations. Other locations having much the same things include Railroad Museum at Strasburg, Pa. and the National Museum of Transport in St. Louis. There is an unwieldy 400 page inventory available with employee timetables called private timetables. Good collection of foreign timetables. The Great Britain material is possibly the most worthwhile.

WYUV **Univ. of Wyoming Vertical File,** Am. Heritage Center. Laramie, Wyo. 82071: Some of the items in these files have been randomly taken from various special collections, while other items did not come from such sources. As such, the vertical file is probably largely a duplicate listing, particularly for some items listed in the Howard Greene Coll., WYUHG

WYZ **Wyoming State Archives & Historical Soc.,** Cheyenne, Wyo. 82002. *(Nat.Union Cat., visit)* Their most important holding is the Simpson negatives comprising about 3000 U.P. RR pictures, 1900-20, of stations and track scenes from Kansas to Calif. (but not the line to Idaho and Oregon).

XHS **Indiana Historical Society,** 315 W. Ohio St., Indianapolis, Oh. 46202.*(Nat.Union Cat., Guide to their collections, Guide to Manuscript Collections of the Indiana Hist. Soc. and Indiana State Libr., Letter)* Large Monon RR collection primarily photos. Large amount of RR material 1830s-70s very well indexed. However, many early letters do not give name of the RR, only locations so that the historical society's index cards must be closely checked. Three known items were not checked into because no person willing to visit - 1. Many index card listings. (Sent me info which might cover much of it) 2. Cauthorne-Stout papers have 33 passes 1869-70. What RRs? 3. Stock/bond certificates of 125 unknown NYC rrs. Home of the Midwest RR Research Center begun in 1997 and with rapidly growing collection.

XOE **Western Washington Univ.** Bellingham, Wash. 98225 *(Letter, visit)* Has Bruce Cheever collection.

XUL **Indiana Univ. Library,** Bloomington, Ind. 47401 *(Nat.Union Cat, Letter, Visit)* Has material in two locations. Some items are theses. Annual reports listed back in 1912 there may not be.

YRM **Rensselaer Polytechnic Institute Library,** Troy, N. Y. 12180; *(Letter)* Has the Roebling collection which includes many RR bridge drawings.

YUNG Charlels Yungkurth, P.O.B. 572, Owego, NY 13827 "Rail Data Services – pass. And frt. Car pix

YUS **Yale Univ. Library,** 1603A Yale Station, New Haven, Ct. 06520. *("Nat.Union Cat., Catalogue of Manuscripts in the Collection of Western Americana" Yale Univ. Check List of Publications on American Railroads before 1841. Railway Economics 1912 book, visited)* Annual reports and most documents listed by an X (primarily obtained from the 1912 Ry. Econ. Book Index and listed to Yale) are probably at Harvard Business School or destroyed. A check of Yale's main library showed little railroad material except for books on land grants concerning specific railroads. Western Americana is kept in separate dept. as are special collections. The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report.

ZCU **Columbia Univ. Library,** 535 W 114th St, New York City 10027. *(Nat.Union Cat Check List of Publications on American Railroads before 1841. Railway Economics 1912 book)* Wm. Barclay Parsons collection of RR prints on American & English RRs. The *Check List 1841* items have been reproduced in the *Guide*. See the Table of Contents for location in the *Guide*. Many *Check List* books are state reports and the railroad names will not be indexed at a library. It will be necessary to know the name of the state report. Columbia may have disposed of their items.

ZLI **Long Island Univ.** Archives, Brooklyn, N.Y. Railroad materials may have been transferred to Polytechnic Univ., 333 Jay St, Brooklyn, N.Y. 11201. No L.I.Univ. entries in *Guide*.

ZVA **Jervis Public Library.**, Rome, N. Y. 13440 *(letter, Nat.Union Cat.)*

has an index and a totally separate card index of non manuscript collection materials. Manuscript collections all are designated with a number in Archives while the other set of material has no numbers.

It is possible that not all special collections having railroad material have been listed. The library's inventory book to special collections is not a systematic presentation. It does not include several collections listed in this *Guide*.

BY STATE

The following list gives a summary of the locations that were contacted. Those in bold face type and a code abbreviation reported having material while those in regular face type reported having nothing. All state libraries, state archives, and state historical societies, either state run or private, were contacted as were the public libraries of all cities having populations exceeding 500,000. All colleges, universities, smaller cities, county and local historical societies which had been found to have reported hav-

PERIODICALS AND PROCEEDINGS

This *Guide* defines periodicals as magazines and regularly published journals. Proceedings are the annual (usually) publications of the railroad industry, such as the American Association of Railroads and the professional railroad clubs to which railroad management belongs. Another set of serials is included in the section BOOKS. These are the Official Guide, Pocket List of Railroad Officials, and several other railroad industry book-size publications.

(M) indicates publication has been microfilmed by University Microfilms, Inc., 300 North Zeeb Rd., Ann Arbor, Mich 48106. Copies of the microfilm or hard copy available.

(I), (I*) indicates the publication has been indexed, either annually by the publisher or cumulatively by someone. Many indexes, however, are only fair. It is therefore a poor idea to depend fully upon the indexes unless marked I*, these being known to be excellent.

The locations given have the most complete sets available. For the most part this information was obtained from the Third Edition (1965) *Union List of Serials*. (It has since been supplanted by computerized O.C.L.C. system which does not give this historical sources information). For some publications there are no known locations.

The code used to identify the reference locations uses the O.C.L.C. three letter system if available. Codes of 4 and 5 letters are not O.C.L.C.

Following the code for the location is usually an S, R, or C:

S Scattered years (Unless there are no better sources, no locations having only scattered years are included.

R Reasonably good holdings (usually 50-85% complete).

C Complete or nearly complete (lacking 1 or maybe 2 years)

PROCEEDINGS

Air Brake Association: Proceedings of the Annual Convention (1894-on)
UIU-C ICCL-C AARL-R NYP-R CPL-R CLE-R

American Association of General Passenger & Ticket Agents : Proceedings (Continuation of General Ticket & Pass. Agents Assoc; National Ass. of Gen. Pass. & Ticket Agents) (1878 or earlier to after 1910)
DLC-R NYP-R UIU-C AARL-S

American Association of Local Freight Agents (formerly National ...) Proceedings (1888->1910)
ICC-R NYP-S

American Association of Railroad Superintendents: Proceedings of the Annual Meeting and Regional Meetings (1910-on) (formerly Central Ass. of RR Officers)
AARL-C ICCL-C UIU-C? STF-C

American Association of Ticket Agents: Proceedings (1919)
ICCL-R HBS-C

American Electric Railway Association - See American Street & Interurban Ry. Engineering Assoc.

American Railway Association : Proceedings (1886-1933) (Became AAR in 1934. See AAR)
AARL-R NYP-R ELE-R HBS-R STF-C DPL-C CLE-C IAB-C MNR-C

American Railway Bridge and Building Association: Proceedings of the Annual Conf. (1891-on)
WAU-C NYP-R IAB-C ICCL-C WSEC-C MNU-R EYP-C DXU-C SVP-R

American Railway Car Institute: Railway Cars (1946-1949)
AARL-C UIU-C

American Railway Engineering & Maintenance of Way Association: Proceedings 1901-1911
NMUT-C

American Railway Engineering Association: Bulletin (AREA Bulletin) (1912?-on)
IAB-R UIU-R HBS-R NYP-C COO-C VA@-R ORX-R EYM-R
" : Manual of the ....
" : Proceedings Technical Conference (1900-on)
STF-C AARL-C IAB-C UIU-C NYP-C WAU-C GZM-C PAU-C CATU-C CLE-C
DPL-C CPL-C OSU-C EYM-C IXA-C SLMF

American Railway Industrial Association: Proceedings (1906-1912)
Railway Industrial Association (1913-1919)
Railway Development Association (1913-1919)
American Railway Development Association (1920-on)
AARL-R ELE-R IAB-R HBS-R UIU-R CLE-R

American Railway Master Mechanics Association: Report (1868-1918)
AARL-R ICCL-C NYP-C CAMU-C CPL-C WSEC-C STF-C NYG-C MYG-C MNU-C IAK-R

American Railway Mechanical & Electrical Assoc. - See American Street & Interurban Ry. Engineering Assoc.

American Railway Tool Foremans Association: Railway Journal (1898-1931) AARL-R ICCL-R UIU-C

American Short Line Railroad Association:
Bulletin (1920-1922) ICCL-C HBS-R
Proceedings (1914-On) AARL-R ICCL-R HBS-R PAU-R
Weekly newsletter (1940s-1950s ???) AARL-?

American Street & Interurban Ry. Accounting Assoc. (1908-1910)
Street Ry Accountants Assoc. (1897-1908)
American Electric Ry Accounting Assoc. (1911-1932)
American Transit Accountants Assoc. (1932-1934)
Proceedings (1897-1934)
IAB-C MYG-C NYG-R UUP-R ELE-R

American Street & Interurban Engineering Assoc. (1908-1910)
American Ry. Mechanical & Electric Assoc. (1903-1908)
American Electric Ry. Engineering Assoc. (1910-1932)
American Transit Engineering Assoc. (1932-1934)
Proceedings (1903-1934)
NMUT-C? NRHSP-S MYG-R OCP-R AOX-R STF-C HBS-R?
American Street & Interurban Rys Transportation & Traffic Association (1908-1910)
American Electric Ry Transportation & Traffic Association (1910-1931)
American Transit Operating Association (1932-1934)
Proceedings (1908-1934)
IWA-C ELE-C MYG-C EYP-C CPL-C BKL-R
American Street Ry. Association (1882-1905)
American Street & Interurban Ry. Assoc. (1905-1910)
American Electric Ry. Assoc. (1910-1932)
American Transit Association (1932-?)
Proceedings (1892- ?)
STF-C ICCL-C HBS-R MUV-R NYP-C NHS-R CLE-C
Association of American Railroads (1934-on. Earlier was Am.Ry.Ass.) various proceedings:
Analysis of Class I Railroads
Annual Report (formerly Year's Work)
Communication & Signal Division - Technical Papers Presented at the Annual Meeting
Data Systems Division -Papers and Committee Reports Presented at the Annual Meeting
Mechanical Division - Circular, Operations and Maintenance Dept.
Railroad Facts
Rail News Update
Railroad Revenues, Expenses and Income, Class I Railroads
Railroad Ten-Year Trends
Railway Digest of Developments & Comments (1953-1960) AARL-C UIU-C LPU-C STF-C
Report of Major Legislation of Particular Interest to Railroads
Revenue Freight Loaded and Received from Connections by Commodities AARL-C
Signal Division SLMF
What's New (1946-1952) AARL-C UIU-C STF-C LPU-C
Car Foreman's Association of Chicago: Proceedings (1905-1940s?) IAB-C ELE-S GZM-R
Central Association of Railroad Officers(1886-1909)(Became Am.Ass. of RR Supts.): Proceedings STF-C AARL-R ICCL-R UIU-R
General Railroad Association (1852-1855): Annual Proceedings BRL-S NYP-S DRB-R NYG-S
High Speed Rail Association: Speedlines (1980s)
" : Yearbook (1980s)
Keystone Association of Railroad Passengers: Mid Atlantic Passenger (also called KARP Newsletter, Keystone Express) (1980s)
Labor Research Association: Railroad Notes
Locomotive Maintenance Officers Association: Annual Proceedings, Pre-convention Report (1939-on) ICCL-R NYP-R
Master Car Builders: Proceedings IAK-R?
National Railroad Blacksmiths Association (1893-on) ICCL-R AARL-R ELE-R IAB-R
National Railroad Construction and Maintenance Association: Circular
New England Assoc. of Railroad Superintendents (Boston) : Records, (1848-1857) ICCL-C (reprinted 1910 & probably in several libraries.)
Railroad Evangelistic Association: Railroad Evangelist (1938-on) AARL-R
Railway Business Association: Bulletin (1910-1916)
AARL-C NYP-C IAB-C CLE-C OSU-C GZM-C NYG-C
Railway Fuel & Operating Officers(Travelling Engineers)Association: Proceedings (1937-on)
AARL-C ICCL-C UIU-C NYP-C MNU-C ELE-C CLE-C CPL-C
Railway Gardening Association (St.Louis) (1907-1915) NYP-R AARL-R CGU-S
Railway Progress Institute: Annual Report of the ...
" : News (RPI report)
Railway Signal Association: Journal (1897-1919) (Original edition) DCP-R NYP-R IAB-R WSEC-R CLE-C CPL-C GZM-C
" : Digest of Proceedings (1895-1905) & Journal Revised Edition (1906-1918) AARL-C ICCL-C KKU-C
Railway Tie Association: Crossties (1917-1932) UIU-R NYP-C AARL-C
Roadmasters' and Maintenance of Way Association of America: Proceedings of the Annual Conference (1883-On)
AARL-R ICCL-R NYP-R UIU-R IAB-R
Short Line Railroad Association of the South: Proceedings (1914-1916) AARL-1916 ICCL-1916
Street Ry Accountants Association - See American Street & Interurban Ry Accountants Assoc.
Train Dispatchers Assoc. of America: Proceedings (1888-1897?) DLC-S STF-S

RAILROAD CLUBS

The proceedings of the railroad clubs which railroad management belongs to deal with day-to-day problems (usually of little historical interest):

Canadian Ry. Club - Canadian Ry Club News 1902-on ICCL-R UIU-C MYG-R CAMU-R MNU-C
Central Ry. & Engineering Club of Canada 1907-1915 CATU-C UIU-S
Central Ry. Club of Buffalo - Official Proceedings 1893-on AARL-R NYP-C HBS-R ICCL-R MYG-C CPL-R YUS-C
Iowa Railway Club - Proceedings (1903-09) ICCL-C
New England Rail Club - Official Proceedings (M) 1894-current. AARL-C NYP-R ELE-C IAB-C ICCL-C MYG-C PAU-R
New York RR Club - Proceedings 1888-on AARL-R NYP-R ELE-R IAB-R ICCL-R UIU-R CLE-R SLMF
Pacific Coast Railway Club (San Francisco)- Proceedings (1899-1906?) UIU-C STF-R ICCL-R
Railway Club of Greenville, Pa. Magazine 1923-1931 AARL-R
Railway Club of Pittsburgh - Proceedings 1901-on AARL-C ICCL-C ELE-C CUY-R UIU-C GZM-C CLE-C
Richmond Railway Club - Proceedings (1901>1910) ICCL-C NYP-R GZM-R
St. Louis Railway Club (1897?>1910) STF-R ICCL-C NYP- CCGU-R

Southern & Southwestern Ry Assoc. - Proceedings 1890-on AARL-R ICCL-R IAB-R NYP- CELE-R MYG-C
Southern States Passenger Assoc. - Proceedings 1886-1897 AARL-C
Texas Railway Club - Proceedings (1896-1901) ICC-R
Western Ry. Club - Proceedings 1880-on AARL-R NYP-R PAU-R CPL-R EYM-R IAB-C SLMF
Western & Southern Ry. Ass. (later Ry. Ass. of America) Journal 1872-1875 AARL-C ELE-C IAB-C
Do Transactions 1872-1875 AARL-S NYP-S ELE-S

RAILROAD EMPLOYEE MAGAZINES

Atlantic Coast Line "News" NOC-Vol 1-48 NYP-C?
Atchison, Topeka & Santa Fe - see Santa Fe
Baltimore & Ohio Magazine 1912-on AARL-C NYP-C ICCL-C WIH-C STF-C CLE-C CGP-C
Boston & Maine Employees Magazine 1924-196X WYUHG-R, 1925-60
Canadian Government Rys Magazine 1915-? CUY-C?
Canadian National Rys Magazine CUY-C? NYP-R AARL-R CANHA-R CANAR-R CANBC-R
Carolina Central NYP
Chesapeake & Ohio RR Magazine 1914-38 JCR 1921-43 COHS 1916-58 UV@-R? IAB-R ICCL-R NYP-R
Chicago & Eastern Illinois WIH-C
Chicago & North Western RR's North Western Ry Magazine KAI 1923-? NATRM
Chicago & North Western RR's "Timely Topics" 1936-1945 ? UNA 1936-45 partial
Chicago Milwaukee St. Paul & Pacific "Milwaukee Magazine" JCR 1936-46
Chicago New York Electric Air Line Ry "Air Line News" 1906-13 ICCL-C IAB-C NYP-C
Chicago North Shore & Milwaukee RR "North Shore Bulletin" NYP 1917-1930
Chicago Rock Island & Pacific "Rock Island Magazine" 1907-32 SLMF NYP 1919-32 UIU-R AARL-C NHL-Vol.#1-27
"Rock Island Lines News Digest" NHT
Delaware & Hudson "Bulletin" WYU-1933-38 incomplete
Delaware, Lackawanna & Western RR's "The Lackawanna" 1954-1958 RRMUS-C
Detroit Toledo & Ironton "Inside Track" EYM-c?
Erie Railroad Magazine 1905-1960 AARL-R NYP-C ICCL-R GZM-C NDD-R SDRM-?
Great Northern "Bulletin" 1890-1900 NYP-R
"Goat"
Gulf Mobile & Northern "News" 1920-1939 JMCL, vols. 6-18, 1926-39 EYM incomplete
Gulf Mobile & Ohio "Rebel Route News" 1940-1955 JMCL, vols. 19-33, 1940-55
"G.M.&O. News" WRHF 1967-1972
Illinois Central Employees Magazine 1909-12, Ill. Cent. Mag. 1912-On
ICCL-? DLC-? JCR-R UNA 1951-ON NHT 1912-? IAB-C UIU-C NYP-C MJA-C ICCL-R
Kansas City Mexico & Orient "The Orient Magazine" NYP 1925
Kansas City Southern Magazine 1928-38 IAB 1928-33 NYP 1929-38 EYM incomplete
Long Island RR "Information Bulletin" 1920-31 JCR-C ICCL NYP-C
Louisville & Nashville Employees Magazine
KLG 1924-1974 KYRM-1912-on KLOU-R FILS-C? KNV-R FWA 1926-on
Minneapolis St. Paul & Sault Ste. Marie "Soo Liner" magazine EYM has some
Missouri Kansas Texas "Katy Employees Magazine" MJE 1947-1950s MUVL 1913-1957
Missouri Pacific "Gulf Coast Lines" Magazine 1905-12 NYP-? DLC-C IKM-C? HOUTX-C?
"Mo. Pac. Lines Mag.," "MoPac News" MJE 1926-70s NYP 1923-65, 65-? UPRRR-C
Monon "Rail and Tie" Magazine EYM
New York Central "4 Track News" 1901-06 NRHSM 1904-6 WAU-C TOLPL-C?
"Travel" 1906-on WAU-C TOLPL-C NHSL-R UCALA-R EYP-R
"New York Central Lines" Magazine 1919-32 SLMF DEGOL-1919-29 ICCL-C NYP-C DLC-C
"Headlight" WRHF 1953-68
New York Chicago & St. Louis "Nickel Plate Magazine" WRHF 1954-61
New York, Ontario & Western "Observer" VVC 1941 LACK (has one issue only)
New York West Shore & Buffalo "West Shore Magazine" HLS-1880-83
Norfolk & Western Magazine 1923-on
AARL-C NOC-VOL.1-60-R NYP-C? UV@-C? VRICH-C? WRHF 1967-74
Northwestern Pacific "NWP Headlight" 1920?-28 NYP 1918-23? DLC-C?
Pennsylvania Railroad's "Mutual Magazine" 1915-on AARL-C ICCL-R NYP-C PLF-C
"The Pennsy" WRHF 1956-66
Pere Marquette Magazine, 1909-1931 or 32
EEX-C? EXR-C EYP-C? EYM-C? UIU-C? COHS 1909-30
Piedmont & Northern "Semaphore" SUC-R
Pittsburgh & Shawmut "Shawmut Sentinel" magazine EYM has some
Quanah Acme & Pacific "Quanah Route Employee Magazine" UMRS 1935-39
St. Louis Brownsville & Mexico "Gulf Coast Magazine" 1905-1910 DLC-R ICC-R
St. Louis San Francisco:
"The Friscos Man Magazine" - UMRS 1916-20 IAB-R UIU-R
"Frisco Employees Magazine" - UMRS 1924-48
"All Aboard" - UMRS 1948-79 SDRM-?
Santa Fe Magazine 1906 - 197x AARL-C JCR-R KSH-C CIT-C SLMF KKU 1906-12 NYP-C? UIU-R?
Seaboard Air Line Magazine 1903-? ICCL-S
Southern Ry "Ties" KLGS 1947-1978 NOC-VOL. 1-36 SDRM-?
Southern Pacific "Bulletin" 1917?-1975 DEGOL-? CSRM-C? SDRM-?
Texas & Pacific Magazine 1913-15 LRU-R
"Topics" 1946-1960: DEGOL-C
Union Pacific Employees Magazine 1886-1894; 1922-33
STF-C CUY-1920s DPL-R NYP-1920s KSHS-1920s
United Rys of San Francisco NYP
Western Pacific "Milepost"

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BROTHERHOOD (UNION) MAGAZINES

All the railroad unions had magazines. A few had non union information or articles and pictures on railroads. The Locomotive Engineers Journal was the best from these standpoints.

Brotherhood of Locomotive Engineer's Journal (1867-on)	RRMUS-R AARL-R UIU-C JHE-C JCR-R
Brotherhood of Locomotive Firemen and Enginemen's Magazine (1873-197.)	CAPO-C NYP-R HBS-R STF-C PLF-R UIU-R JCR-R AARL (1884&86)
Brotherhood of Maintenance of Way Employees Journal (1890-current?)	ULL-C NYP-R JHE-R
Brotherhood of Railroad Conductors Monthly (1876-1878)	AARL-R WIH-R
Brotherhood of Railroad Signalmen of America (1908-1920s)	ULL-R JHE-R
Signalman's Journal (1940? - current?)	AARL
Brotherhood of Railroad Trainmen Proceedings (1884-1913)	ULL-S JHE-S WIH-S
Do Railroad Trainman (Journal) Magazine (1883-1948?)	AARL-R NYP-R UIU-T STF-R CLE-R DLC-R JCR-R RPMTX-R
Brotherhood of Railway Carmen Proceedings (1905-on)	ULL-C WIH-C
Do Railway Carmans Journal (1895-on)	ICCL-R NYP-R WIH-R JHE-R CLR-C
Brotherhood of Railway Clerks Proceedings (1903-on)	ULL-R JHE-R CLR-C?
Do Railway Clerk (1900-on)	ULL-C NYP-R JHE-R WIH-R JCR-R CLR-C?
Canadian Brotherhood of Railway Employees (1915-on)	CAPO-C UIU-C
Locomotive Fireman's Magazine 1890s?-1950s	IAK JCR?
Order of Railroad Conductors Proceedings 1868-On	CLU-C JHE-R WIH-R
Do Railroad Conductors Brotherhood Magazine	CHIHS-R JCR ?-1890-1944
Do Conductors Brotherhood magazine (1876-1878)	AARL-R
Do Conductors Monthly Magazine & Repository (1879)	AARL-C CPL-C
Do Railway Conductors Monthly (1884-1954)	AARL-R ICCL-C WIH-C JHE-C NYP-R UIU-R ULL-C
Do Order of Railway Conductors Magazine (1954-on)	AARL-C ICCL-C WIH-C JHE-C NYP-C UIU-C ULL-C
Railroad Telegrapher (1885-on)	AARL-R NYP-R WIH-R JHE-R IAB-R MJE-R
Railroad Yardmaster (1919-On)	AARL-R ICCL-C ULL-C
Railroad Yardmasters Magazine (1925-1931)	ULL-S WIH-S
Railroad Worker Journal (Yardmaster) (1940-on)	AARL-C NYP-C
Railroad Worker (Carmen) (1903-1913)	WIT-C NYP-C ULL-R UIU-C JHE-C
Switchmen's Union of North America Journal (1898- ?	ICCL-C DLC-R JCR-R
United Transportation Union "Transportation News" (1969-1972),	
Do "UTU News" (1972-current)	

MISCELLANEOUS PERIODICALS

Periodicals are shown with the years published; the predecessor name; the successor name. Periodicals which follow have been divided into four categories. The basis of selection for each category is subjective and in some cases probably questionable. The first, "Major Publications," are those which will be found at libraries. The second, "Minor Publications," are usually obscure, of short duration or produced by railfans, and often not on file at any library or railroad museum. The third category, Publications Frequently Having Railroad Material," are non railroad magazines. The fourth category, "Magazines and Newsletters Issued by Railfan Clubs," are publications by railroad historical and technical societies and are frequently similar to the second category but not as well done if a magazine.

The resource locations apply only to the initially named magazine (and not the predecessor or successor.)

MAJOR PUBLICATIONS

SEE RAILROAD PERIODICALS INDEX

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Railway Age Gazette (1910-1917) (M) RR Age Gaz. Ry. Age
AARL-C ICCL-C UIU-C WSEC-C LYU-C NYG-C WASL-R KLG-CIAK-R JCR-C SLMF DEGOL-C KALM MNU
Railway Age Gazette Mechanical Edition (1913-1915)(M) Ry Mech.Monthly Ry. Mech. Engr.
STF-C IAB-C UIU-C AARL-C YUS-C ICCL-C PLF-C SLM-C IXA-C ELE-C MNU-C CPL-C JCR-C
Railway Agent & Station Agent (1894-1899) Station Agent Ry. Era
STF-S DLC-R ICCL-R
Railway & Engineering Review (Chicago) 1897-1913 Ry.Review Ry. Review
AARL-C ELE-C CGU-C DCP-C CGP-C CLE-C KALM
Railway & Locomotive Engineering (1901-1928) (I) Loco.Eng'ing
DLC-C NYP-C ELE-C PAU-C CPL-C AARL-R UIU-C IAB-C
Railway & Loco. Hist. Soc. "Bulletin"(#1-126)(1921-1972) (I*) RR History
RRMUS-C RLHS-C DEGOL-C
Railway & Marine World (Canada) (1906-1912) Ry.&Shipping World Canadian Ry.&Mar.W.
CAMU-C CATU-C IAB-C ICCL-C
Railway & Shipping World (Canada) (1898-1905) Ry.&Marine World
CAMU-C CATU-C IAB-C ICCL-C
Railway Electrical Engineer (1909-1942) merged Ry.Mech.Eng.
AARL-R IAB-C ELE-C GZM-C MDB-C EYM-C JCR-C
Railway Engineering & Maintenance of Way (1905-1916)(M) Ry.Maint.Engr.
IAB-C PAU-R UIU-R ICCL-C MYG-R IAK-R
Railway Engineering & Maintenance (1923-1952) (M) Ry.Maint.Engr. Ry.Track&Structures
AARL-C PLF-C ICCL-C IAB-C WASL-C JCR-C SLMF
Railway Engineering & Mechanics (Chicago)(1894-1895) Ry.Master Mechanic Ry.Master Mechanic
IAB-C CPL-C GZM-C DCP-C
Railway Era (1899-1900) Ry.Agent&Station Agent
STF-S DLC-R ICCL-R
Railway Locomotives & Cars (1953-1975)(M) Ry.Mech.Engr.
STF-C IAB-C UIU-C AARL-C YUS-C ICCL-C SLM-C IXA-C ELE-C MNU-C CPL-C
Railway Machinery (1901-1909) RR Car Jr; Jr.Ry.Appl. Machinery, Ry.Edition
ELE-C NYP-C UIU-C ICCL-C DCP-C MDB-C STF-C
Railway Maintenance Engineer (1916-1922) (M) Ry.Engr.&M.ofW. Ry.Engr.&Maint.
AARL-C PLF-C IAB-C ICCL-C WASL-C JCR-C?
Railway Master Mechanic (Chicago) (1886-1893) Ry.Purchasing Agent Ry.Eng'ing&Mechanics
DLC-R IAB-R
Railway Master Mechanic (Chicago) (1895-1916) Ry.Eng'ing&Mechanic merged Ry.Mech.Engr.
DCP-C IAB-C CPL-C CLE-C GZM-C MYG-C JCR-R?
Railway Mechanical Engineer (1916-1949) (M) Ry.Age Gaz.Mech.Ed. Ry.Mech.&Elect.Engr. Railway STF-C
IAB-C UIU-C AARL-C YUS-C ICCL-C PLF-C SLM-C IXA-C ELE-C MNU-C CPL-C JCR-C DEGOL-C KALM
Railway Mechanic□al & Electrical Engineer (1950-1952)(M) Ry.Mech.Engr. Ry.Loco. & Cars
STF-C IAB-C UIU-C AARL-C YUS-C ICCL-C PLF-C SLM-C IXA-C ELE-C MNU-C CPL-C JCR-C
Railway Mechanical Monthly (1912-1913) (M) Am.Engr.&RR.Jr. Ry.Age Gaz.Mech.Edition
STF-C IAB-C UIU-C AARL-R YUS-C ICCL-C PLF-C IXA-C ELE-C MNU-C CPL-C DLC-C
Railway Post Office (1902-1949) Postal Transport Jr.
AARL-R WIH-R JHE-R DLC-R
Railway Progress(1947-1958)
AARL-C ICCL-C NYP-C PAU-C STF-C CLE-C JCR-R WYUHG-1949-58 KALM
Railway Purchases & Stores (1920 on) Ry.Storekeeper
AARL-R DLC-R NYP-S
Railway Purchasing Agent (Chicago) (1878-1885) Ry. Master Mechanic
STF-C
Railway Review (Chicago) (1879-1897) Chicago Ry.Review Ry.&Eng'ing Review
ICCL-R ELE-R CGP-C CLE-R GZM-R
Railway Review (Chicago) (1914-1926) Ry.&Eng'ing Review merged Railway Age
ICCL-C AARL-C CGP-C ICCL-C SLM-C CLE-C STF-C
Railway Signal Engineer (1916-1923) (M) Signal Engr. Ry.Signalling
Railway Signalling (1923-1948) (M) Ry.Signal Engr. Ry.Signalling&Commun.
Railway Signalling & Communications (1948-1970) (M) Ry.Sys.Control
Railway Systems Control (1970-current) (M) Ry.Signal.&Comm.
ICCL-C UIU-C ELE-L GZM-C NYP-R CLE-C DCP-C MNU-C MYG-C JCR-C
Railway Storekeeper (1908-1920) Ry.Purchases&Stores
AARL-R DLC-R NYP-S
Railway Times (Boston) (185x-1872) (M) Am. Ry. Times
AARL-R BRL-R PAU-S MJE-1865-6
Railway Track & Structures (1953-current) (M) Ry. Engr & Maint.
AARL-C PLF-C ICCL-C IAB-C WASL-C STF-C?
Railway World (Phila.) (1875-1915) U.S. RR & Min. Reg.
AARL-C PAU-R STF-C ICCL-C IAK-R SLM-?
Short Line Railroader (1954-1960) Short Line Newsletter Steam Loco.(&RR Trad)
DEGOL-C
Short Line: The Jr. of S.L. & Industrial RRs(1973-current)
?
Signal Engineer (1908-1915) (M) Ry. Signal Engr.
ICCL-C UIU-C ELE-L GZM-C NYP-R CLE-C DCP-C MNU-C MYG-C
Station Agent (1888-1894) Ry. Agent & Sta. Agent
STF-S DLC-R ICCL-R
Steam Locomotive (St.Loco.&RR Tradition) (1959-1968) Short Line RRer
RRMUS-R DEGOL-C AQM-? DPL-C HUNT-C? EYM-C WIH-C TTTPA-C

Railway News Devoted to Ry Intelligence (Phila)
SLM (1883-87)
Railway Passenger Car Journal (1980s)
Railway Record (Chicago) 1909-1914)
NYP-C ICCL-C AARL-R UIU-R
Railway Register (St. Louis) (1884-1892) ICCL-S
Railway Reporter (Pittsburgh) (1880-1884)
ELE-R DCP-R
Railway Review and Outlook (Pittsburgh)(1917-22)
AARL-S DLC-R PBAL-C
Railway Times JCR 1840

St.Louis Railway Register (1875-1884) ICCL-S
Semaphore JCR-1924
Short Line Newsletter (1948-1949) TTTPA
Shoreliner (1980s)
Street Railway Review JCR 1901-6
Terminal RR Assoc. of St.Louis (1987-)
Track JCR-1944-49
Trackman's Advance advocate JCR-1898-1902
Transport 2000 Canada News Bulletin (1980s)
U.S.Rail News (1980)

PUBLICATIONS FREQUENTLY HAVING RAILROAD MATERIAL

American Lumberman (1899-1940s)
YUS-C NYP-C UCB-C IAB-C
American Society of Civil Engineers Proceedings (1873-1955) (M)
ELE-C PPF?-C UIU-C CPL-C SVP-C WAU-C DPL-C IAB-C LPU-C GZD-C MUU-C
American Society of Civil Engineers Transactions (1872-current) (M)
ELE-C PPF-C NYP-C DPL-C IAB-C UIU-C GZD-C LPU-C WAU-C CPL-C SVP-C NBS-C
American Society of Mechanical Engineers Transactions (1880-1958) (M)
ELE-R UIU-C NYP-C CPL-C STF-C CUY-C MNU-C WASL-C
Do Proceedings (1906-1908) (M)
ELE-R NYP-C ULL-C CLE-C
Do Journal (1908-1918)
ELE-C WASL-C NYP-C IAB-C CUY-C NBS-C UMR-C CLE-C RPV-C
Do Mechanical Engineering (1918-on)
ELE-C WASL-C NYP-C IAB-C CUY-C NBS-C UMR-C CLE-C RPV-C
Civil Engineering (Magazine) (1930-current) (M)
ELE-C NYP-C IAB-C STF-C UIU-C KALM
Engineer and Surveyor (1874) (M)
Engineer, Architect & Surveyor (1874) (M)
Engineering News (1875-1882, 1902-1917) (M)
Engineering News Record (1917-current) (M)
Engineering News and American Contract Journal (1882-1888) (M)
Engineering News and American Railway Journal (1888-1902) (M)
ELE-C UIU-C STF-C YUS-C USGS-C IAB-C KKU-C GZM-C CAMU-C
Four Track News (1901-1906) (refers to New York Central's 4 tracks)
Travel Magazine (1906-1910)
NYP-C ICCL-C WAU-C
Franklin Institute Journal (Philadelphia) 1826-current
PPF-C NYP-C MDB-C
Journal of the American Society of Mechanical Engineers (1908-1918) (M)
ELE
Labor (1919/20-?) (M)
CUY-C ICCL-C HBS-R NYP-R LPU-C
Locomotive (Hartford Steam Boiler Insp. & Ins.Co.) (1867-on
NYP-R YUS-R IAB-R, EYP-C IPL-C
Lexington Quarterly (formerly Lex. Newsletter) (current)
?
McClure's Magazine (1893-1928)
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Mechanical Engineering (Magazine) (1918-current) (M)
ELE-C NYP-C UIU-C IAB-C UMR-C PRV-C NBS-C CGU-C
Mechanic's Magazine and Journal of Public Internal Improvements (1830-1831) (M)
WIH-R NYP-S HBS-S YUS-C LYU-R
Mechanics Magazine and Journal of Mechanic Institute (1833-1837) (M)
WIH-C PAU-C NYP-C CPL-C NYG-C MNU-C CGP-R
Northwestern Lumberman (1873-1898)
YUS-R DLC-R WIH-R
Scientific American Magazine (1845-current) (M)
Scientific American Supplement (1876-1919) (M)
Scientific American Monthly (1920-1921) (M)
STF-C MDB-C NYP-C LPU-C CUY-C DPL-C GZD-C BRL-C KCP-C CGP-C CGU-C
Timberman (1886-1898)
AQM-R YUS- S
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COO-C NYP-C WAU-C SYBF-C EYM-C CAX-C
Traffic World (at most large libraries)

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American Railroad Journal (Richmond) (1945-?)
AARL-C IAB-C STF-R
American Rails (1980s)
American Railway Review (1859-1862)
AARL-R IAB-R PAU-R
American Short Line RR Assoc. (1939-1949) JCR-C
Amtrak News (1976-1981) NRHSM-C
Amtrak Express (1980s)
Canadian Rail SLMF
Canadian Steam Magazine (1980s)
Crown Sheet (1944-1947) TTTPA
CTC Board (1980s)
Electric Traction JCR 1924
Engineer (Philadelphia) (1860) DLC-C
Engineers & Engines Mag. (1980s)
Extra 2200 South: Loco. News Mag.(1980s) NRHSM-C
Illustrated Railroad World (New York) (1881)
NYP-C STF-C
International Railway Journal (Philadelphia)
1893-1910. (Vol. called Int. Ticket Agent; Vol 2-5 Int.Ticket Agent & Traffic Review; Vol6 Int. Pass.&Ticket Ag. Jr; Vol 7-8 Ry.Int.Pass.&Ticket Ag. Jr.
PAU-C NYP-R ICCL-R HBS-R
International Ry.Traveller(1980s)
Iowa & Missouri State Line RR Journal (1860s) MJE 1864-?
Key, Lock & Lantern (1980s)
Leonard's Railway News (New York) (1898-1910) ICCL-R
Loco (Schenectady) (1910-1919)
AARL-C UIU-C NYP-R ELE-C WASL-C
Locomotive, The
Providence Free Libr. 1894-1923
Locomotive (Philadelphia) (1853-1854) NYP-C PAU-S
Locomotive Magazine JCR-1896-1916 (?)
Locomotive Quarterly (1976-on)
Locomotive World (Lima,Ohio) (1908-1916) NYP-S DLC-R
Midwestern Rails (1980s)
Motive Power International (Canadian)(1980s)
Narrow Gauge &Short Line Gazette(1980s)
The New England States Limited(1980s)
New York Railroad Men (N.Y.) (1887-1897)
NYP-R AARL-S DLC-R IAB-R YUS-R
New York Railways Employees Mag. (1914-1924)
AARL-R NYP-C UIU-R
News Bulletin, Saskatchewan Rail Committee(1980s)
Pacific Rail News (1980s)
Passenger Train Journal (1980s)
Progressive RRing: The Executive Viewpoint(1980s)
Rail Classics & Railway Quarterly (1980s)
Rail Hobbyist (1980s)
Rail Transit Directory (1980s)
Rail Travel News (1980s)
Railroad Advocate (Tenn.) (1831-1832)
AARL-C NYP-C Harvard College-C
Railroad Car Journal (1980s)
Railroad Democracy (1919)(Became "Labor" in 1920)
NYP-C DLL-C AARL-R CU-C
Railroad Employee (Newark,N.J.) (1891-on)
DLC-C ULL-R
Railroad Enthusiast (Washington) (1934-1947)
AARL-R ICCL-R
Railroad Equipment (NY) (1946-1948)
NYP-R UIU-R CLE-R
Railroad Herald (Atlanta) (1900-1933)
AARL-R ICCL-R NYP-R UIU-R
Railroad Gazetteer (San Francisco) (1882-1893) STF-C
Railroad Hobbyiest (Wheelerville,Pa) (1939) DLC-C
Railroad Journal (Richmond) (1936-?)
AARL-C IAB-C STF-R
Railroad Men (N.Y.) (1898-1933)
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Railroad Photo Album (1951-1953, #1-6) TTTPA
Railroad Record and Journal of Commerce (Cincinnati) (1853-1872)
ICCL-C HPSO-R YUS-S
Railroad Red Book (Denver) (1884-1925)
DPL-R WASL-R AARL-S STF-S YUS-S
Rails South (1980s
Railway Age Monthly and the Railway Service Magazine (Chicago) 1880-1882)
Univ.of West. Ontario, London,Ont.-S
Railway & Corporate Law Journal (N.Y.) 1887-1892
AARL-C NYP-C PAU-C CGU-C WAU-C
YUS-C PBAL-C
Railway & Industrial Compendium (1928-1941)
NYP-C WASL-C IAB-C CLU-C CUY-C
CLE-C YUS-C GZD-C
Railway (& Steamship) Chronicle (Boston) (1873-74) BRL-S
Railway Critic (N.Y.) (1902-1909)
AARL-S ICCL-S MYG-S
Railway Digest (1950s) SLMF
Railway Employee (Augusta) (1932-1934) NYP-C
Railway Employee Journal (1901-1904)
WIH-R IAB-R JHE-S
Railway Employees Journal (Benefit Ass of Ry Emp)
ICCL-C AARL-R
Railway Employees Magazine(San Francisco)(1906-?
NYP-S CUY-S
Railway Epicurean (Chicago) (1905-1909) DLC-R
Railway Equipper (Detroit) (1902-1905) NYP-S
Railway Federalist (Sedalia, Mo) (1910-1923)
ULL-R UIU-S
Railway Journal (St.Louis, Chicago) (1897-1931?)
UIU-R ICCL-R JCR-S
Railway Library (Chicago) (Misc.published papers issued annually 1907-1915)
IAB-C STF-C EYM-C BNYL-C
Ry.History Monograph:ResearchJr.of Am.Rys (1980s)
Railway Magazine (N.Y.) (1896-1898?) (Vol. called Baker's Ry. Mag.)
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NOTE: A HAND WRITTEN X MEANS THAT BESIDE THESE PAGE NUMBERS SEE THE RAILWAY & LOCOMOTIVER H. S.'S CUMMULATIVE INDEX 2003-2011. ALSO CHECK *RAILWAY AGE MAGAZINE* INDEX FOR THEIR SUPPLEMENTARY.

INDEX COVEERING 2003-2008

HAND WRITTEN RAILROAD NAMES ON THE FOLLOWING PAGES ARE NEW RAILROADS LISRTED IN *RAILWAY AGE* 2003-208 SUPPLEMENTARY INDEX

NO PUNCTUATION HAS BEEN USED BUT SOME SPELLINGS HAZVE CHANGED SUCH AS SOUTHEWESTERN AND SOUTH WESTERN OR WILKES BARRE AND WILKESBARRE.

SOME NAMES MAY BE LOCATION NAMES RATHER THAN RAILROAD. I COULD NOT DIFFERENTIATE BECAUSE THE INDEXES OF THE MAGAZINES DID NOT USE RY OR RR.

SOME NAMES ARE TWO DIFFERENT RAILROADS WITH THE SAME NAME. WHERE I WAS AWARE OF THIS SITUATION, I LISTED THEM SPERATELY. FOR INSTANCE NORFOL SOUTHERN (FORMERAL NORFOLK & SOUTHER) AND THE CURRENT NORK FOLK SOUTHERN.

Note: Brackets ( ) around some words indicate variations of the name used for different articles and news items. No punctuation has been used but there is a lack of consistancy on some spellings which changed over the years such as Southwestern and South Western or Wilkes Barre and Wilkesbarre. I have crossed indexed most of this type of occurrence.

Some names are two different railroads. Where I was aware of this situation, I listed them separately.

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If you can't quickly find the subject interested in check, MISCELLANEOUS. Here I have listed 60 - 70 subjects and where to find them in the Subject Index.

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Cushman Motor Wks
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Evans Auto Railer
Fairbanks Morse Co:
Fairmont Ry Motors Co
Four Wheel Drive Co
Hurley& Teeter
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Jeffery Co., T.B.
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Light Inspection Car Works
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Mudge & Co
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Railway Cycle Mfg. Co
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Roberts Throp & Co:
Rockford Motor Co
Schoening Bros.
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Arthur Koppel Ind. & Equip. Co.
Atelier
Atlantic Car Co
Atlas Bolt & Screw Co
Atlas Car Mfg. Co
Austin Mfg. Co, E.C.,
Austin Weston Co
Ayers Rubber Refrigerator Car Co.
Baldwin Lima Hamilton
Baldwin Loco. Wks
Baltimore Car Wheel Co.
Barber Car Co
Barney & Smith Car Wks:
Barnhart
Barrows, Chas. H.
BASF Corp
Baxter Steam Street Car Co
Beach Edison Storage Battery Carl
Berwick Freight Car Co.
Berwind Forge & Foundry Co
Bethlehem Steel Co
Bettendorf Co
Betts Harlan & Holingworth
Betts Pusey & Harlan
Billmeyer & Small Car Wks,
Blanchard & Kimball
Bloomsburg Car Co
Boieing Vertol Co
Bolton, Joseph R. formerly Kimball & Gorton,
Bombadier Co
Bowen Motor Rys Co
Bradley Car Wks
Briggs Carriage Co
Brill, Co., J.G.
Brooklyn Ry. Supply
Bros Boiler & Mfg. Co
Brownell Car Co
Bucyrus Fdry & Mfg
Buda Fdry & Mach. Co
Budd Car Co.
Budd Micheline Co.
Buffalo Car Works:
Bullock El. Mfg. Co
Burton Stock Car Co
Cambria Steel Co.
Campbell & House
Campbell Oder Co
Canada Car Co:
Canadian Car & Fdry Co
Canadian General ElectricCo
Canadian Light Rail Vehicle
Canda Car Co
Carnegie Steel Co
Caswell Car Co
Catawissa Car & Fdry Co
Chapman Chem. Co
Chase Fdry. & Mfg. Co
Chicago Car & Loco. Co
Chicago Car Wks
Chicago Motor Vehicle Co.
Chicago Steel Co
Cincinnati Car Co
Clark Car Co
Clejan
Commercial Cars Construction Co.
Commonwealth Steel Co
Compressed Air Motor Co.
Connelly Gas Mootor Co
Continental Car & Equipment Co
Convertible Car Mfg. Co.
Cooke Loco. Wks
Coordinated Transportation, Inc
Cummings Car Wks
Cundell:
Cyclone Co
Danville Car Co
Davenport & Bridges Co
Davenport Besler Co
Davidson & Co. frt & pass. design
Dean Packward & Mills (Mass)
Delaware Car Works
Derby Co
Detroit Car Co.
Differential Steel Car Co
Direct Electric Co
Dome Ry Service Co
Drake Car Co
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Electric Dynamo Co
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Electro-Motive Co
Elliot Car Co.
Ellis Car Co
Elmira Car Manufactory Co:
Enterprise Railway Equipment Co
Erie Car Works
Esterbrook:
Evans Auto Railer
F. M. C.
F.M.Hicks & Co
Fairbanks Morse Co:
Federal Storage Battery Co
Fitz Hugh Luthor & Co
Foos Gas Engine Co
Ford
Ford Washburn Co
Four Wheel Drive Co.
Fowler Car Co., J.V.
Friction Electric Co
Fulton Car Manufactory Co:
Ganz & Co
Garrett Co
General American Car Co
General Electric Co.
General Motors Co:
Georgia Car & Mfg. Co
Gilbert Bush & Co
Gilbert Car Mfg. Co
Goodwin Car Co
Gould & Co., J.
Greenville Steel Car Co
Gregg Co
Grice & Long
Gunderson & Co
Hainesworth Steel Co
Hall Scott Motor Car Co
Hamilton Car Co
Hand Mfg. Co.
Harlan & Hollingsworth Co
Harrisburg Car Mfg. Co:
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Haskell & Barker Co
Hicks Loco. & Car Wks
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Hockerenmith Wheel & Mine Car Co
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Kilbourne & Jacobs Mfg. Co
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Kimball & Davenport
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Leslie B ros.
Lewis & Flowler Mfg. Co
Lima Hamilton Co
Lima Loco. & Mach. Co
Litchfield Car Co
Lockwood (Sleeping Car) Co :
Lowe & Co, S. B.: (St. Louis)
Lucas Sleeping Car Co:
Mac Questen (street cars)
Mack Motor Co
Madison Car Wks
Magor Car Co
Mann Boudoir Sleeping Car Co
Mansur & Tebbetts Car Co
Marion Brownhoist
McClaughlin El. Co
McGuire Cummings Mfg. Co
McGuire Mfg. Co.
McKean Car Co.
McKee & Fuller Car Works
McLaughlin
McNairy & Claflen Mfg.Co.
McNairy Clafin & Co.
Mehling
Meister & Sons:
Mekarski Co
Memphis Car & Fdry
Merchants Despatch Co
Michigan Car Works
Michigan Peninsular Car Co1
Middletown Car Co
Miller Knoblock Co
Milwaukee Car Mfg. Co
Minerva Car Wks
Minneapolis Steel & Mach. Co
Missouri Car & Fdry Co
Monarch Palace Car Co
Montgomery Iron Works
Morrison Knudson Co
Mount Vernon Car Wks
National (Rolle)d Steel Car Co
National (Steel) Car Co
National Dump Car Co
New Castle Car Mfg. Co
New England Steam Car Co
New Haven Car Wks
New York Sleeping Car Co.
Newburyport Car Mfg. Co
Niles Car & Mfg.:
North American Car Co
Northumberland Car & Mfg. Co.
Norwich Car Mfg. Co.
Ohio Falls Car Work
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Oliver Car Co
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Orenstein Arthur Koppel Co:
Ortner Rapid Discharge Car Co
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Osgood Co
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Owensboro Palace Car Co
Pacific Car & Foundry Co
Pardee Car Works
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Patton Motor
Peoria & Hutchinson Cooperage Car Co
Petelers design
Philadelphia Car Wheel Works
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Pullman, C. L., Car Co
Railway Amonia Motor Co
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Railway Chemical Spraying Co
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Schnauble cars
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Seattle Car Mfg. Co
Service Motor Truck Co
Sessions Pass. Car Co
South Atlantic Car & Mfg. Co
South Baltimore Steel Car & Fdry Co
Southern Car & Fdry Co
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Standard Car Construction Co
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Union Tank Car Co
Unit Load Car Co.
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American Palace Car Co
American Railway Equipment Co
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Barre Granite Transit Co:
Blue Line:
Canada Rolling Stock Co.
Carnegie Steel Co:
Central Car (Trust) Co
Chrysler Rail Co.
Citicorp Railmark Co
Consolidated Cattle Car Co
Consolidated Rolling Stock Co
Continental Fast Frt. Line:
Continental Rolling Stock Co.:
Continental Ry. Equipment Co.
General Electric Leasing
German American Car Co
General American Car Co
Harris
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Holland Palace Car Co
Hoosac Tunnel Despatch:
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Illinois Car & Equipment Co
Illinois Rolling Stock Co
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Swiftfs Refrigerator Transportation Co.
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Union Refrigerator Trans Co
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Hall Ry. Signal Co.

Harrington block signals
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Howell Potter system
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Johnson Railroad Signal Co:
Karski , R.T., system:
Kelsey Lattig systemn
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Lattig , J.W., manual block signal
Long's semaphore signal
Mozier's 3 position semaphore
National Switch & Signal Co.
Palmers audible block signal
Patenall (DSykes) System
Peters system
Pope's repeating signal
Protection Signal Co.
Prry Prentice wireless system
Q. & C. Co.
Roswell & Congers
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American Railroad Journal: Information on bonds for several hundred railroads. assets liabilities earning and expenses and equipment summary on about 600 railroads
Commercial and Financial Chronicle: Financial and stock prices and bonds
Railway Age: Monthly revenue and expense listings of all class I railroads, car loadings by commodity

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Automatic Injector Co
Baker Car Heating Co
Baltimore Car Wheel Co.
Barney Mfg. Co
Bemis Car Co
Bettendorf Steel Car Wks
Boies Steel Wheel Co
Boyer Ry Speed Corders
Brady Lantern:
Consolidated Car Htg. Co
Consolidtaed Valve Co.
Cory's Loco. Lubricator
Detroit Electrical Works
Detroit Lubricators
Dodge Coal Storage Co
Dodge Co (injectors)
Edwards Co
Edwards RR Electric Light Co
Eichenmeyer Co
Forney (Feedwater htr)
Foster Engine Co
Four Wheel Drive Co.
Fox Pressed Steel Co
Gates Iron Wks
Gould Storage Battery Co
Goulder Coupler Co
Hall & Kilburn Mfg. Co
Hall Signal Co
Hancock Inspirator Co
Industrial Works Co
Iron Car Co
Jordan Spreader
Kalamazoo
Kincaid Co:
Kinsman Co
Krupp Wks
Lackawanna Lbricating Co
Lattig, J. W.
Leach Co sanders
Lone Star Coupler Co
Luckenheimer Co
Manning Maxwell & Moore
Miller Platforms and buffers
Miller signals
Montour Iron Co:
Nathan Mfg. Co
National Car Coupler Co
National Malleable Co
National Switch & Signal Co
New York Electric Headlight & Train Lighting Co
Ohio Injector Co
Peckham Co.
Pedick & Ayres:
Philadelphia Car Wks
Railway Supply Association
Ramapo Iron Works
Rowell Potter Co:
Safety Car Htg & Lth. Co
Saint Louis Aluminum Casting Co
Saxton & Farmer interlocking
Sellers Co
Short Electric Ry Co
Smilie Co
Standard Steel Co
Stevens & Sons
Stevens Stoker Co
Utica Headlight Co
Victor Stoker Co
Whightmann Motor
Weir Frog Co
Western Ventilating & Lighting Co
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