

<u>Title</u>	<u>Author - Photographer</u>	<u>Publication</u>	<u>Year of Publicatio</u>	<u>Summary</u>	<u>Publication Type</u>	<u>Volume</u>	<u>Month or Number</u>	<u>First Page</u>	<u>Total Pages</u>	<u>Publisher</u>
The Marent Gulch Trestle	Not identified	Scientific American	1883	Article describing construction of the original wooden Marent, Montana trestle, with engraving apparently based on an F. Jay Haynes photograph	Article	1883	29-Dec	1		Scientific American
History of a High Viaduct	Mason, Sampson D.	Journal of the Association of Engineering Societies	1889	Article describing the history of the Marent, Montana viaduct	Article	1889	April	173	11	Association of Engineering Societies
The Marent Gulch Viaduct	Morison, George S.	ASCE Transactions	1891	Article describing construction of the first iron viaduct at Marent, Montana	Article	25	Sept	305	14	ASCE
Buildings and Structures of American Railroads	Beg, Walter C.	Book	1893	Reprinted in its entirety by Newton K. Gregg. Covers many railroads, with considerable attention to NP. General perspective sketches of many structures with basic dimensions. Several varieties of depot are shown, some of which can be modeled from the AMB kit. Keywords: section tool house, handcar house, section house, agent's dwelling, snow shed, car shed, water tank, coal house, engine house, freight house, depot	Book					John Wiley and Sons, New York, NY
Jay Cooke, Financier of the Civil War	Oberholtzer, Ellis Paxson	Book	1907	Reprinted 1968 by Augustus M. Kelly, Publishers, New York, NY. Two-volume biography of Cooke, his financial ventures, and the early Northern Pacific until his exodus. Keywords: Jay Cooke	Book					George W. Jacobs and Company, Philadelphia, PA
Guidebook of the Western United States: Part A. The NP Route	Campbell, Marius and others	U. S. Geological Survey Bulletin 611	1915	Geological guidebook of the Northern Pacific main line from St. Paul to Seattle showing both Helena and Butte routes, with side trip to Yellowstone. Narrative description of geology and cultural details of most stations along the route. 27 maps showing route, stations, and geology, 27 plates, 37 figures. This is a significant scientific paper as well as a snapshot of the entire main line in 1915. Keywords: Geology, map, guidebook	Book	Bulletin	611		218	U. S. Government Printing Office, Washington, D. C.
Hoodoo Third Trick, The	Bliss, Chick R.	Railroad Stories	1933	Anecdote from night operator at Lombard, Montana train order office. Keyword: Lombard,	Article	10	Mar	28	3	Munsey, New York
How Engine Builders Make Photos	Warner, Paul T	Railroad Stories	1935	A Baldwin employee describes the procedures followed in making a locomotive builders photo. The engine used as an example is the new Northern Pacific 2651. 4 pictures. Keyword: Class A-2, Northern, 4-8-4, Baldwin	Photo	16	Feb	127	4	Munsey, New York
Famous Engineers: The Millionaire Hogger	Allen, Stookie	Railroad Stories	1936	Short profile of Northern Pacific Railway locomotive engineer Lew Hutton of Missoula, Montana, silver mine owner and philanthropist. Keyword: employees	Column	20	Aug	90	1	Munsey, New York
One of the Most Disgraceful Accidents	Bliss, Chick R.	Railroad Stories	1936	Anecdote of recent incident of runaway freight car wrecked at Logan, Montana. Keywords: Logan, Bozeman, wreck	Article	19	May	53	1	Munsey, New York
Car that Rerailed Itself, The	Bliss, Chick R.	Railroad Stories	1936	Montana anecdote of freight car derailed and then rerailing itself. Evidence provided by tie damage. Keyword: Laurel, Oneida, Craver	Article	19	May	126	<1	Munsey, New York
Stampede Switchback, The	Duncan, Mike	Railroad Stories	1937	Building, description and operation on switchback at Stampede Pass that preceded tunnel and allowed earlier opening of line to Tacoma. Keyword: Stampede Pass.	Article	21	Apr	28	3	Munsey, New York
Great Hinckley Fire, The	Root, James	Railroad Stories	1937	First person account by heroic engineer on St Paul & Duluth of running a train thru a Minnesota forest fire and saving the lives of hundreds. Keyword: Fire, Hinckley, Finlayson, 'SP&D', Skalley, James Root.	Article	21	Jan	32	7	Munsey, New York
Early Days in Washington Territory	Carter, Charles F	Railroad Magazine	1937	Sketchy account of attempts of Washington towns to get rail service in 1870's. Keywords: Henry Villard, Orphan Road, Olympia, Seattle, Tenino, Seattle, 'Columbia & Puget Sound', 'C&PS'	Article	22	Sep	31	6	Munsey, New York
Phantom Switching	Chapman, A. L.	Railroad Magazine	1937	Anecdote of freight car moved by wind 12 miles over Northern Pacific Railway main from Wadena to Verndale MN in 1912. Keyword: anecdote, St. Paul Division.	Article	22	Sep	88	1	Munsey, New York
Out of Control	Evans, S. G.	Railroad Magazine	1938	First person account by Northern Pacific Railway fireman of a runaway freight on Bozeman Pass. Keywords: Bozeman, Muir, Livingston, runaway	Article	23	Feb	109	5	Munsey, New York
Female Agent	Johnson, H B	Railroad Magazine	1938	On the Spot entry on Northern Pacific Railway's only woman agent, Alma Rivett Floberg, at Ravensdale WA. Keywords: employees.	Column	23	May	128	<1	Munsey, New York
Non-revenue car picture	Steeb, C. T.	Railroad Magazine	1939	Photograph of Northern Pacific 204419, modified boxcar described in caption as standard equipment for icing express reefers. Keyword: non-revenue equipment, Billings	Photo	26	Aug	67	<1	Munsey, New York

Dynamiter. The	Nowels, Ed L.	Railroad Magazine	1939	Account of a terrorist in Montana named Ike Gravelle who set off explosions along the Northern Pacific and demanded ransom to desist from his activities. Keywords: Livingston, Bozeman, Dan Boyle, Helena, Rocky Mountain Division, terrorism.	Article	27	Dec	85	8	Munsey, New York
I Should Have Doubled Down the Hill	Bostwick, Nelson J	Railroad Magazine	1939	First person account by engineer of runaway in 1900 near Helena. Keywords: accident, Helena, Blossburg	Article	26	Jul	33	3	Munsey, New York
Locomotives of the Northern Pacific	Not identified	Railroad Magazine	1939	Part 2 of a locomotive roster of the Northern Pacific Railway, 6 pictures, listing of 4-6-6-4, 2-6-6-2, 2-8-0, 0-8-0, 2-8-2. 2-8-8-2, 2-8-8-4, and 0-6-0 types and one diesel. Keyword: Steam locomotives, roster	Table	26	Jun	78	4	Munsey, New York
Locomotives of the Northern Pacific	Not identified	Railroad Magazine	1939	Part 1 of a locomotive roster of the Northern Pacific Railway. 9 pictures. Listing of 4-4-0, 2-6-0, 4-8-0, 2-6-2, 4-6-0, 4-8-4 and 4-6-2 types in service. Key word: Steam locomotives, roster	Table	25	May	114	4	Munsey, New York
Northern Pacific Conductor No. 1	Thomas. B. A.	Railroad Magazine	1940	Anecdote of encounter between Fred Sweetman, senior conductor on the Northern Pacific and Colonel Custer in 1875. Keywords: employees, General George Armstrong Custer	Article	27	Apr	72	2	Munsey, New York
Golden Spike	Cooper, Walter	Railroad Magazine	1940	Eyewitness account of Golden Spike ceremony at Gold Creek, Montana, 1883. One picture. Keyword: construction, Henry Villard	Article	29	Dec	80	4	Munsey, New York
Boots and Saddles	Corson, Asa L.	Railroad Magazine	1940	First person anecdote of boomer telegrapher at Mandan ND in 1890 during final years of Army action against American Indians. Keyword: Mandan, Indians	Article	27	Jan	46	4	Munsey, New York
Once in a Lifetime	White, Victor H	Railroad Magazine	1940	Anecdote by passenger of how a passenger arranged to flag North Coast Limited for a short ride in Montana. Keyword: Three Forks, Livingston.	Article	28	Jun	99	3	Munsey, New York
Not on the Highway Maps	Steeb, C. T.	Railroad Magazine	1940	Photo essay of rail facilities at Lombard Mt. Keywords: Lombard, Rocky Mountain Division.	Article	28	Oct	122	3	Munsey, New York
Tea-Train Wreck	Wooldridge, W.M.	Railroad Magazine	1941	Employee's rambling account of life as an operator in 1880's Montana, including an 1885 wreck. Keywords: accident, Rocky Mountain Division	Article	29	Mar	56	6	Munsey, New York
DC&N vs. Great Northern	Ralph, George	Railroad Magazine	1941	First person account of a crossing war between Great Northern and Northern Pacific Railroad in Crookston MN in 1889. Keywords: Construction, legal, Duluth Crookston & Northern, Crookston, Great Northern Railway	Article	30	Sep	56	6	Munsey, New York
Rail-Dog	Marvin, S. W.	Railroad Magazine	1942	Short feature on Queenie, the canine mascot of Northtown Yard, and section foreman Axel Johnson. Keyword: Northtown.	Article	31	May	79	3	Munsey, New York
Along the Iron Pike	Easley, Joe	Railroad Magazine	1942	Drawing of St Paul Division engineer J. P. Gall and his pet blackbird in engine cab. Keyword: St Paul Division	Column	33	Oct	153	<1	Munsey, New York
Jim Hill Country, The	Cowing, George Cecil	Trains	1943	Profile of Minnesota railroads, with mention of Oakes branch passenger service through Fergus Falls. Keyword: Oakes branch.	Article	3	10	35	6	Kalmbach, Milwaukee, WI
New Northern Pacific 4-8-4 He Forgot the Order	Tilbury, C. L. Fletcher, Frederick G	Trains Railroad Magazine	1943 1943	News photo of A-4 Northern keywords: steam, Northern, A-4 First person story of near miss on Rocky Mountain Division in 1902. Keywords: Greycliffe, Big Timber	Photo Article	3 34	8 Oct	25 92	1 2	Kalmbach, Milwaukee, WI Popular Publications, New York
NP Wrecking Train	Butts, Ray	Railroad Magazine	1943	Photo of damaged Mallet Northern Pacific 4005 dead in tow in wrecking outfit near Easton WA in 1941. Keywords: Easton, Ellensburg, Class Z, 2-6-6-2	Painting	34	Oct	138	1	Popular Publications, New York
Half a Century Ago	Bradford, Tom H.	Railroad Magazine	1944	Describes engine service career on Northern Pacific Railway, 1891 to 1938. Keywords: snow, Staples, Wadena, Fergus Falls, Milnor.	Article	35	Mar	85	9	Popular Publications, New York
Fifty Years in the Cab	Bradford, Tom H.	Railroad Magazine	1944	First person account of engine service career on all parts of the NP. Keywords: employees, strikes, engine service, Staples, Fargo, Glendive, North Coast Limited, Yellowstone Division, Little Falls, Morris, Detroit Lakes, Tacoma, Stampede Pass	Article	36	Oct	8	24	Popular Publications, New York
Cornfield Meet	Munch, A E	Railroad Magazine	1944	First person account by fireman of an 1896 wreck in western Minnesota. Keyword: accident, Minnesota Division, Glyndon	Article	36	Sep	90	2	Popular Publications, New York
Rambling Op, A	Johnston, Harold L.	Railroad Magazine	1945	First person boomer telegrapher tells of adventures nationally including on Northern Pacific Railway in North Dakota. Keywords: Jamestown, LaMoure,	Article	38	Dec	72	11	Popular Publications, New York
Caught on the Run	Morgan, Henry	Railroad Magazine	1945	St. Paul newspaper reporter on the transportation beat at turn of century tells of his interaction with area rail executives including some Northern Pacific Railway people. Keywords: J M Hannaford, Howard Elliott, R W Clark, W J McFetridge.	Article	37	Jan	49	8	Popular Publications, New York
Less Than Carload Lots	Not identified	Railroad Magazine	1945	Report that switchers Northern Pacific 916 and Northern Pacific 917 have been converted to woodburners and restored to service. Keywords: woodburner, Shelton, Class L-6, 0-6-0.	Column	37	May	6	<1	Popular Publications, New York

Hours of Service	Bradford, Tom H.	Railroad Magazine	1945	First person engine service story in Washington state in 1903. Keywords: Auburn, Ellensburg, Tacoma.	Article	38	Oct	86	6	Popular Publications, New York
Letter to editor	Waggoner, H E	Railroad Magazine	1946	NP Homestake agent adds data to Safety Measure article in 11/45 issue. Keywords: Butte, Homestake, Montana Division, Pak City, Columbus, wrecks.	Column	39	Feb	92	2	Popular Publications, New York
Calamity Jane	Berry, W W	Railroad Magazine	1946	Northern Pacific Railway conductor tells of an 1895 trip with Calamity Jane as a passenger. Keyword: Billings	Article	39	Jan	86	2	Popular Publications, New York
Pullman in the River	Berry, W W	Railroad Magazine	1946	Accident on North Coast Limited drops last car, sleeper Dickinson, into Rosebud River. Keywords: accident, Glendive, NCL, Yellowstone Division	Article	40	Jul	73	3	Popular Publications, New York
Ties	Not identified	Railroad Magazine	1946	Two page photo story on Paradise, Montana tie plant. Keywords: ties, Paradise, MOW.	Article	39	Mar	108	2	Popular Publications, New York
Railroad Island	Swanson, Axel T	Railroad Magazine	1946	First person account by news butcher of being snowbound on Northern Pacific Railroad train in Montana in 1894. Keywords: snow, Missoula, Plains	Article	40	Oct	6	3	Popular Publications, New York
Highballing the Grain	Blakeslee, Frederick	Railroad Magazine	1947	Color cover painting on Northern Pacific 5125 4-6-6-4 in action passing grain elevator. Keyword: Class Z-7, Challenger	Painting	42	May	1	1	Popular Publications, New York
Lake Superior to Puget Sound	Dellinger, E. S.	Railroad Magazine	1947	Lengthy article on construction of the Northern Pacific Railroad from Thompson Junction to final spike. Keywords: Thompson Junction, Carlton, Duluth, Asa Whitney, Josiah Perham, J. Gregory Smith, Jay Cooke, Milnor Roberts, Brainerd, Fargo, Bismarck, Frederick Billings, Old Nig, Henry Villard, construction, Adna Anderson, Last Chance, George Custer, Bozeman, Helena, Gold Creek.	Article	42	May	12	32	Popular Publications, New York
Test Run	Nixon, Ronald V.	Railroad Magazine	1947	Diary of a test trip with 3 unit F3 diesels to assess their potential on the North Coast Limited. Describes power used on North Coast Limited over the years. Names crew members involved in test run. Keywords: dieselization	Article	42	May	110	5	Popular Publications, New York
Locomotives of the Northern Pacific	Not identified	Railroad Magazine	1947	Contemporary roster of steam and diesel locomotives then in service on the Northern Pacific. 10 photographs. Keyword: Locomotive	Table	42	May	118	6	Popular Publications, New York
Along the St Croix.	Not identified	Trains	1948	Centerspread passenger train photo of SP&D 4-4-0 18 on Taylor Falls Branch. Keyword: Taylor Falls	Photo	9	2	34	2	Kalmbach, Milwaukee, WI
Northern Pacific 4-8-4's	Not identified	Trains	1948	Spread of 5 photos illustrating 4 types of Northerns with brief descriptions and specifications. Keyword: 4-8-4	Photo	8	6	28	2	Kalmbach, Milwaukee, WI
Alaskan at Missoula	McKinley, Frank	Trains	1949	Alaskan, doubleheaded at Missoula with 2245 and 2607. Keywords:"	Photo	9	10	34	2	Kalmbach, Milwaukee, WI
NP Heisler	Snyder, F Clayton	Trains	1949	Letter to editor, with picture, on Northern Pacific Heisler 4, stated to be only Heisler ever bought by a Class I. Keyword: Heisler	Column	10	2	52	1	Kalmbach, Milwaukee, WI
Turntable Classroom, The	Nixon, Ronald V.	Trains	1949	Report on field trip of Telegraphy school students to Northtown Yard. 2 pix. Keyword: telegrapher, Northtown	Article	9	3	54	1	Kalmbach, Milwaukee, WI
Northern Pacific Locomotives	Nixon, Ronald V.	Trains	1949	Photo roster of Northern Pacific Steam and diesel locomotives with historical and operating data. 34 pix. Keywords: S-1, S-10, S-4, Q, Q-2, Q-4, Q-5, Q-6, A, A-1, A-3, A-4, F3, L-4, L-10, G-1, G-2, HH660, RS1, T, M, Y, Y-3, Y-2, W, W-2, W-5, Z-3, Z-4, Z-5, Z-8, FT	Photo	9	9	47	7	Kalmbach, Milwaukee, WI
Northern Pacific Motive Power—No. 1 of a Series	Nixon, Ronald V.	Telltale	1949	Brief Summary of American Standard steam locomotives on the Northern Pacific Railway. One picture. Keyword: 4-4-0, Northern Pacific Railroad	Magazine	10	Dec	3	1	Northern Pacific Railway
Rotaries in the Rockies	Blakeslee, Frederick	Railroad Magazine	1949	Cover painting showing Northern Pacific Railway rotary plow at work, crossing trestle and propelled by steam locomotive. Caption erroneously identifies scene as Great Northern. Keyword: snowplow	Painting	47	Jan	1	1	Popular Publications, New York
Locomotive Blows Smoke Rings	Enger, J. W.	Railroad Magazine	1951	NP Mikado 1687 at Oakes ND with plow pilot approaches station in snow...blowing two smoke rings. Keyword: W-1, Oakes	Painting	55	Dec	56	1	Popular Publications, New York
Land Grant Legend, The: Part II	Gross, H. H.	Railroad Magazine	1951	The portion of a multi-part series on Rail land grants and western settlement that looks at Northern Pacific and how it promoted development of its land in Dakota, Minnesota and other states. Examples of period advertising, several pictures. Keywords: Hans Mattson, Land Department, land grants, O J Johnson, colonization	Article	55	Sep	64	14	Popular Publications, New York
What a Place to Build a Railroad!	Griffiths, Henry R., Jr.	Trains & Travel	1952	Photo story on Camas Prairie with 5 pictures and descriptions of power and trestles and scenery. Keywords: Camas Prairie, Lewiston, gas-electric, W.	Article	12	12	14	4	Kalmbach, Milwaukee, WI
No. 1 Makes Up Time	Morgan, David P.	Trains & Travel	1952	Describes a ride on NCL over Rocky Mountain Division in holiday season. Keywords: North Coast Limited, Rocky Mountain Division, Livingston, Bozeman, Homestake, Butte; 4, "Santa Claus train".	Article	13	2	48	6	Kalmbach, Milwaukee, WI

Pride of the Northwest – SP&S	Neuberger, Richard L.	Railroad Magazine	1952	Article on Spokane, Portland and Seattle Railway, covering history and current operations, route map, 24 pictures, 1952 steam and diesel locomotive roster, discusses various relationships with Northern Pacific Railway. Keywords: North Coast Limited, Alaskan, Empire Builder, Western Star, Henry Villard	Article	59	2	16	26	Popular Publications, New York
Pride of the Northwest – SP&S	Neuberger, Richard L.	Railroad Magazine	1952	Article on Spokane, Portland and Seattle Railway, covering history and current operations, route map, 24 pictures, 1952 steam and diesel locomotive roster, discusses various relationships with Northern Pacific Railway. Keywords: North Coast Limited, Alaskan, Empire Builder, Western Star, Henry Villard	Article	59	2	16	26	Popular Publications, New York
1-1/2 Cents a Mile	Morgan, David P.	Trains & Travel	1952	Account of a circle tour of west by passenger trains, including the NP. Keyword: North Coast Limited	Article	12	6	12	7	Kalmbach, Milwaukee, WI
Idaho's Panhandle Pike	Hastings, Phillip R.	Railroad Magazine	1952	Feature and photo coverage of the Camas Prairie with history, line description, operating data and locomotive information. Map. 23 pictures. Keywords: Camas Prairie, Lewiston, Spaulding.	Article	59	Dec	16	24	Popular Publications, New York
Seattle Station Crisis	Neuberger, Richard L.	Railroad Magazine	1952	Article on need for new and bigger passenger station in Seattle. Keywords: Seattle, King Street Station, Charles Mellen, North Coast Limited.	Article	56	Jan	32	14	Popular Publications, New York
Information Booth	Comstock, Alfred	Railroad Magazine	1952	Description of Northern Pacific Railway installation of radio in 1951. Keyword: radio	Column	58	Jun	61	1	Popular Publications, New York
A-2 2651 on Valley City high bridge	Westcott, Linn H.	Trains & Travel	1953	A-2 2651 on Valley City high bridge, color. Keywords: A-2, Valley City	Photo	13	10	C	1	Kalmbach, Milwaukee, WI
Here's One That Missed the Torch	Nixon, Ronald V.	Trains & Travel	1953	Recovery and restoration of 4-4-0 684 from Nezperce, and transport of engine. 9 pix. Keyword" 4-4-0, Camas Prairie, Parkwater	Article	13	10	14	4	Kalmbach, Milwaukee, WI
North Coast Limited in Montana	Hastings, Phillip R.	Trains & Travel	1953	North Coast Limited on a Montana riverbank B&W. Keyword: North Coast Limited	Photo	13	3	C	1	Kalmbach, Milwaukee, WI
Information Booth	Comstock, Alfred	Railroad Magazine	1953	Photograph and brief entry on use of Willys-Overland Hy Rail car on Lake Superior Division.	Column	60	Feb	59	<1	Popular Publications, New York
Extra Gang Timekeeper	Gilbert, Andrew	Railroad Magazine	1953	Memoirs of a timekeeper in Minnesota starting in 1907. Keywords: Lake Superior Division, MOW, Duluth, Louis Newton, Skalley	Article	60	Feb	67	9	Popular Publications, New York
Railroads of Spokane	Hastings, Phillip R.	Railroad Magazine	1953	Photo feature on Spokane rails includes 5 Northern Pacific pictures. Keyword: Spokane	Article	61	Jun	12	20	Popular Publications, New York
North Coast Limited Climbing Homestake Pass in Montana		Modern Railroads	1953	Color Cover Picture. Keyword: North Coast Limited	Painting	1953	May	1	1	Modern Railroads
Northern Pacific Oil Bonanza	Draper, William R	Railroad Magazine	1953	Oil discoveries on Northern Pacific Railway property and the effect on stock value and investment potential. Keywords: Norton Simon, LeRoy Hines, Billings, Williston Basin, oil, Land Grants, Ohio Match Co.	Article	60	May	12	20	Popular Publications, New York
Railroad Improvements		Modern Railroads	1954	Capsule outline of improvements and additions in all departments made in 1953 and planned for 1954. Keywords: Vista dome, radio, welded rail, diesels	Newsbrief	1954	1	89	1	Modern Railroads
Railroad Town: Livingston, Montana	Sims, Donald	Trains	1954	Complete Northern Pacific at Livingston. Photo section with steam and diesel and NCL observation car pictures and map. 7 pix. Keyword: Livingston	Photo	14	11	27	8	Kalmbach, Milwaukee, WI
Rolling Ribbonrail	Not identified	Trains & Travel	1954	News entry about installation of welded rail at Stampede Tunnel. 1 picture of 4-6-6-4 on rail train. Keyword: Stampede	Column	14	3	12	<1	Kalmbach, Milwaukee, WI
No Clickety-Clack	Not identified	Railroad Magazine	1954	News item on welded rail installation on Northern Pacific Railway. Keywords: MOW, Stampede Tunnel	Article	63	Apr	84	2	Popular Publications, New York
Runaway Rotary	The Old Timer	Railroad Magazine	1954	True tale of runaway snowplow in 1895 in Montana. Keywords: Rotary, Rocky Mountain Division.	Article	63	Apr	111	2	Popular Publications, New York
Information Booth	Kreimer, Barbara	Railroad Magazine	1954	Blow-down shed described. Picture. Keyword: structures	Column	64	Aug	42	<1	Popular Publications, New York
Railroads of the Twin Cities	Donovan, Frank P., Jr.	Railroad Magazine	1954	Citywide review of all Twin Cities railroads. Map. 5 Northern Pacific pictures. Keywords: Minneapolis, St. Paul, Como Shops, North Coast Limited.	Article	63	Feb	16	26	Popular Publications, New York
Book of Rules Problem, A	Josserand, Peter	Railroad Magazine	1954	Northern Pacific Railway line from Everett to Auburn is setting for a real life rules interpretation.	Column	65	Sep	44	3	Popular Publications, New York
Railroad Improvements	Hardy, Horace	Modern Railroads	1955	Capsule summary of improvements made in 1954 and planned for 1955. Keywords: Pasco, vista dome, radio, diesels, Homestake Tunnel	Newsbrief	1955	1	98	2	Modern Railroads
Push Button Yard in the North West	Richter, Frank	Modern Railroads	1955	News report and technical profile on completion of new yard at Pasco WA. Key words: Pasco, hump yard,	Article	1955	10	77	11	Modern Railroads

Z-3 4020 on Lookout pass	Griffiths, Henry R., Jr.	Trains	1955	Z-3 4020 in freight service on Lookout pass. Keyword: Z-3, Wallace, Lookout Pass.	Photo	15	11	C	1	Kalmbach, Milwaukee, WI
When Steam Rules Lookout Pass	Griffiths, Henry R., Jr.	Trains	1955	Photo spread of Wallace branch steam freight and passenger trains. 5 pix. Keywords: Z-3, S-4, Lookout Pass, Wallace, Dorsey	Photo	15	11	55	5	Kalmbach, Milwaukee, WI
Lewis and Clark Theme for NP Club Car	Tarbox, Gary L.	Modern Railroads	1955	Introduction of new NCL cars. Key Words: North Coast Limited, Travelers Rest	Newsbrief	1955	11	123	1	Modern Railroads
Gentlemen, Your Train Is Coming	Morgan, David P.; Hastings, Phillip R.	Trains	1955	Minnesota installment of Smoke Over the Prairies series includes 3 pictures along Duluth-Staples Line, with train 727 and work extra and grain extra with steam. Keywords W, W-3. Deerwood, Pillager, Baxter.	Article	15	5	56	2	Kalmbach, Milwaukee, WI
Fifty Mechanical Reefers for the NP		Modern Railroads	1955	News report on purchase of new mechanical reefers, with technical and performance details,uses, maintenance. Keywords: refrigerator car	Article	1955	5	83	3	Modern Railroads
Wrecker Crew	Allen, A. E.	Railroad Magazine	1955	Author follows an Northern Pacific Railway wrecking crew describing their cleanup duties following a wreck near Missoula. 5 pictures.	Article	66	Oct	24	5	Popular Publications, New York
Railroad Improvements	Behrens, Charles	Modern Railroads	1956	News report on improvements made in 1955 and planned for 1956. Key words: Pasco, RDC, piggyback, diesels,	Newsbrief	1956	1	106	2	Modern Railroads
Tales of a Ten Wheeler	Nixon, Ronald V.	Trains	1956	Photo essay of 22 pictures as a biography of locomotive 1356 from initial work to last run to display at Missoula. Keyword: S-4, Bitter Root Branch, Evaro, Missoula.	Photo	16	10	14	4	Kalmbach, Milwaukee, WI
I Came Out of This Alive	Picken, Hunter M.	Trains	1956	First person account of head on collision at Wibaux, Montana between diesel fast freight and steam local in 1954. Keywords: Wibaux, collision, Yellowstone Division.	Article	16	11	21	3	Kalmbach, Milwaukee, WI
Why Northern Paific Owns an Airplane	Donovan, Frank P., Jr.	Trains	1956	Northern Pacific ownership and use of a plane for erial photography, surveying and resource use. 4 pix. Keywords: Northwestern Improvement, Pasco	Article	16	11	49	2	Kalmbach, Milwaukee, WI
4 to 12 Shift	Wing, Webster E.	Trains	1956	Reflections of a Rices Point roundhouse laborer on his career and environment after 30 years on the NP. Keyword: Duluth, Rices Point. 1 pix.	Article	17	2	14	2	Kalmbach, Milwaukee, WI
Tales of a Ten Wheeler	Nixon, Ronald V.	Trains	1956	Photo essay of Northern Pacific 1356, now preserved at Missoula. Pictures from entire life of engine, including original configuration as Vauclain Compound. Keywords: Class S-4, ten wheeler, 4-6-0, steam engine, Vauclain Compound, Missoula, data table.	Article	17	Aug	14	4	Kalmbach, Milwaukee, WI
Northern Pacific Locomotives	Not identified	Railroad Magazine	1956	Roster of diesel and steam power in 1956. Complete list of specific steam numbers is not provided. 3 pictures. Keywords: steam locomotives, diesel locomotives	Table	68	Dec	46	4	Popular Publications, New York
Railroad Improvements		Modern Railroads	1957	Description of improvements made by company in 1956 and planned for 1957. Key word: diesels, piggyback, tunnels, CTC	Newsbrief	1957	1	148	3	Modern Railroads
W-3 Engine	Wing, Webster E.	Trains	1957	Poem: By Northern Pacific roundhouse worker saluting the standard Northern Pacific freight engine. Pic of 1790. Keywords: W-3, Skalley, Rices Point.	Article	18	2	56	2	Kalmbach, Milwaukee, WI
Four Aces 4-8-4, The	Nixon, Ronald V.	Trains	1958	Photo essay with 19 pictures of 2626 from builder shot to scrapline, including Np regular and special service, demonstrator days and final fantrip. Keywords: A-1, 2626, Timken, 408, Cle Elum, Seattle,	Article	19	1	16	5	Kalmbach, Milwaukee, WI
Ever Ride a Mixed?	Morgan, David P.; Steinheimer, Richard	Trains	1958	Comments and interior photo of combine coach 1198 on Jamestown-Oakes mixed train 154. Keyword: 154.	Article	18	12	50	2	Kalmbach, Milwaukee, WI
Roundhouse: A Poem	Wing, Webster E.	Trains	1958	Poem by a Rices Point roundhouse laborer.	Article	19	2	49	1	Kalmbach, Milwaukee, WI
Pigs Get Luxury Treatment on Northern Pacific		Modern Railroads	1958	News item on purchase of 200 new cars: Key words: Pig Palace, stockcar, 3 pix	Newsbrief	1958	4	134	1	Modern Railroads
NP Dials Over a 2000 Mile Carrier		Modern Railroads	1958	Northern Pacific phone system profiled. Key words: Communications,	Article	1958	6	105	4	Modern Railroads
Helpers on Mobase Local	Wilkinson, W.	Railroad Magazine	1958	Centerspread of Northern Pacific 1801 and Northern Pacific 1728 and caboose and diesel Northern Pacific 425 on pusher duty. Keywords: W-3, Tacoma, Prairie Line, American Lake	Photo	69	Feb	42	2	Popular Publications, New York
Mail Car	Not identified	Railroad Magazine	1958	Brief note on Geraldine Yanta, North Coast Limited stewardess. Keyword: Sue, stewardess-nurse	Column	69	Oct	8	<1	Popular Publications, New York
Railroad Improvements	Sampson, Nora	Modern Railroads	1959	Company improvements for 1958 and those planned for 1959 are reported. Keywords: dieselization, ctc, computers	Newsbrief	1959	1	153	1	Modern Railroads
Photo: No. 6	Matthews, Fred	Trains	1959	Two page spread on Train 6 with F a-b and heavyweights and caboose. Keyword: 6	Article	19	11	40	2	Kalmbach, Milwaukee, WI

Casey Jones Wouldn't Have Believed It	Morgan, David P.; Steinheimer, Richard	Trains	1959	Night photo of 603 with Diesel at Jamestown.	Photo	19	12	16	2	Kalmbach, Milwaukee, WI
NP Passenger Service	Middleton, William D.	Trains	1959	Montage of 7 pictures of Northern Pacific passenger theme	Photo	20	2	cover	1	Kalmbach, Milwaukee, WI
Northern Pacific Likes Passengers	Middleton, William D.	Trains	1959	Long portrait of Northern Pacific passenger operations, sales and service, with descriptions of trains, thumbnail of G. Walter Rodine, pricetag for the NCL, and coverage of Budd Car and Branch operations. Keywords: Mainstreeter, North Coast Limited, 3, baked potato, dining cars, Slumbercoach, Rodine	Article	20	2	32	9	Kalmbach, Milwaukee, WI
Time Runs Out for Four Aces Early Northern Pacific Consolidations	Farrow, Albert E. Jukes, Fred	Trains Railway & Locomotive Historical Society Bulletin	1959	Letter and 3 pictures reporting scrapping of 2626. Keyword: A-1, 2626	Column	19	3	52	<1	Kalmbach, Milwaukee, WI
			1960	Physical description and operating history of Class F-1 2-8-0, with specifications, and with sidebar on Eames Vacuum brakes, 4 pictures, 3 drawings. Keyword: steam, Class F-1, consolidation	Article		102	35	5	Railway and Locomotive Historical Society
Early Northern Pacific Consolidations	Jukes, Fred	Railway & Locomotive Historical Society Bulletin	1960	Physical description and operating history of Class F-1 2-8-0, with specifications, and with sidebar on Eames Vacuum brakes, 4 pictures, 3 drawings. Keyword: steam, Class F-1, consolidation	Article		102	35	5	R&LHS
The Diesel That Did It	Morgan, David P.	Trains	1960	EMD demonstrator 103 profiled, with details on test runs on Northern Pacific. Keyword: FT	Article	20	4	18	8	Kalmbach, Milwaukee, WI
Build This Giant Northern Pacific Coaling Tower	Delaney, Sharpe	Railroad Model Craftsman	1960	Construction article for Logan,, Montana coaling tower, with HO Scale drawings, article itself describes construction in O Scale, style common in many other locations; style replaced the long coal docks.	Article	1960	Aug	18	5	Carstens Publications, Inc., Newton, NJ
N.P. Coaling Tower, Part 2 of 2	Delaney, Sharpe	Railroad Model Craftsman	1960	Second part of construction article for Northern Pacific coaling tower, including drawings for chute details and machinery shed.	Article	1960	Sept	22	3	Carstens Publications, Inc., Newton, NJ
Railroad Improvements	Sampson, Nora	Modern Railroads	1961	Company improvements for 1960 and those planned for 1961 are reported. Keywords: dieselization, etc, piggyback, welded rail.	Newsbrief	1961	1	122	1	Modern Railroads
His 25,000th Photo	Nixon, Ronald V.	Trains	1961	Freight with 8 F Units on Marent Trestle. Commentray by DPM. Keywords: Marent	Photo	21	11	16	2	Kalmbach, Milwaukee, WI
Lightweight End Panel Strengthens NP Cars		Modern Railroads	1961	Illustrated report on boxcar innovation used in Northern Pacific shop. Keywords: boxcar, Brainerd. 3 pix	Newsbrief	1961	4	84	2	Modern Railroads
Final Days for a Famous 4-6-0	Nixon, Ronald V.	Trains	1961	10pix spread on last Northern Pacific steamer to operate, No. 1351, portraying final service at Missoula beet plant and various points in normal service life. Keywords: S-4, 1351, Missoula, Philipsburg, Walla Walla, Bitter Root	Photo	21	4	24	4	Kalmbach, Milwaukee, WI
A Dirge for the Doodlebug	Middleton, William D.	Trains	1961	An exploration of galloping goose country riding the gas-electric railcars in North Dakota and Minnesota. Keywords: galloping goose, Oakes, Lisbon, La Moure, Breckenridge, 139, 154, 112, Streeter, Jamestown	Article	21	7	26	7	Kalmbach, Milwaukee, WI
Final Days of a Famous 4-6-0	Nixon, Ronald V.	Trains	1961	Photo essay of Northern Pacific 1351, last Northern Pacific engine under steam, at Crystal Sugar plant in Missoula. Keywords: Class S-4, ten wheeler, 4-6-0, steam engine	Article	1961	Feb	24	4	Kalmbach, Milwaukee, WI
Steam, Steel and Limiteds	Kratville, William W.	Book	1962	Book addresses steel heavyweight passenger cars and trains, including the Yellowstone Comet and the North Coast Limited in the steel heavyweight era. Keywords: passenger car, heavyweight, Yellowstone Comet, North Coast limited	Book					Barnhart Press, Omaha, NE
Coal Dock, The	Wing, Webster E.	Trains	1962	Poem by Northern Pacific Duluth RH laborer, with pictures of T-1 at Duluth coal dock. Keyword: Rices Point, coal,	Article	23	2	44	1	Kalmbach, Milwaukee, WI
North Coast Limited	Matthews, Fred; Meyer, Bruce;	Trains	1963	Cover has three NCL photos. Keyword: North Coast Limited	Photo	23	10	C	1	Kalmbach, Milwaukee, WI
North Coast Limited	Middleton, William Dubin, Arthur	Trains	1963	Illustrated history of North Coast Limited from inception to publication date. 57 pictures of cars and power and car interiors, plus floor plans and advertising. Keyword: NCL, North Coast Limited	Article	23	10	28	18	Kalmbach, Milwaukee, WI
Wrecker, The Those Budget Sleepers	Wing, Webster E. Scribbins, James	Trains	1963	Poem as above.	Article	23	4	49	1	Kalmbach, Milwaukee, WI
		Trains	1963	Slumbercoach services nationwide, with mention of service and fares on NCL and Mainstreeter. pictures of NCL. Keyword: Slumbercoach, NCL, Mainstreeter, North Coast Limited	Article	23	5	36	4	Kalmbach, Milwaukee, WI
Pioneer Days On the Old Northern Pacific	Holden, James W	Railroad Magazine	1963	Rambling and possibly erroneous account of first years of Northern Pacific Railroad, 10 pictures. Color cover by Herb Mott.	Article	74	Feb	20	5	Popular Publications, New York
The Railroad that Brought Six States into the Union	Not identified	Telltale	1963	Brief story of Northern Pacific Railroad colonization efforts of Northern Pacific land grant. Key Words: Jay Cooke,	Magazine	26	Mar	4	2	Northern Pacific Railway

NP Drums, Bugles, Remember When?	Not identified	Telltale	1963	News story and short history of Northern Pacific Railway musical marching group from 1937-42 era. Band, drum, bugle	Magazine	26	Mar	8	1	Northern Pacific Railway
Northern Pacific Railway Locomotive Roster	Reich, Sy	Railroad Magazine	1963	Contemporary diesel locomotive roster. One picture. Keywords: diesel locomotive	Table	74	Oct	37	1	Popular Publications, New York
Stampede Tunnel Is Completed: Part II	Not identified	Telltale	1963	Account of Construction of Stampede Tunnel, including contemporary newspaper account and 3 pictures. Key words: Nelson Bennett	Magazine	26	Sep	4	2	Northern Pacific Railway
Farewell to Bridge 43	Nixon, Ronald V.	Trains	1964	Photo and capsule history of curved trestle on Wallace branch on occasion of last train movement. Keyword: Wallace branch.	Article	24	6	50	1	Kalmbach, Milwaukee, WI
The Main Street at Centennial: The Modern Northern Pacific	Ford, Nancy, Edward T Myers	Modern Railroads	1964	Full issue tribute to the Northern Pacific	Article	1964	7	89	69	Modern Railroads
Northern Pacific's Signal System Is 75 Years Old	Not identified	Telltale	1964	History of signals, from semaphore to CTC, on the Northern Pacific Railway.	Magazine	27	Dec	4	3	Northern Pacific Railway
5138 on wye at Easton WA	Fredrickson, James M.	Trains	1965	Double page photo of 5138 on wye at Easton WA. Keyword: Z-8, Easton, 4-6-6-4, Challenger.	Photo	25	6	40	2	Kalmbach, Milwaukee, WI
Mississippi Maelstrom, The	Kobersteen, Kent	Trains	1965	News photo spread of flooding in St. Paul, including Northern Pacific commissary and Northern Pacific 328 at Stillwater. Keyword: St. Paul, floods.	Photo	25	9	12	2	Kalmbach, Milwaukee, WI
Engine Messenger	Gertz, James I	Railroad Magazine	1965	Diary of a trip from Hoquiam to Ashland by Northern Pacific Railway local freights, escorting a Rayonier steamer to a new owner. I Northern Pacific picture.	Article	78	Nov	18	5	Popular Publications, New York
Rails to the North Star	Prosser, Richard		1966	Scholarly history of railroading in Minnesota, including incorporation data for all subsidiary and affiliate lines, and construction and abandonment history to 1966. Keywords: construction, abandonment, maps. (all individual affiliates by corporate name).	Book				283	Dillon Press, Minneapolis
Railroad Improvements	Okulanis, Nancy	Modern Railroads	1966	Listing of improvements on Northern Pacific in 1965 and those planned for 1966	Newsbrief	1966	1	154	2	Modern Railroads
Railroad Improvements	Okulanis, Nancy	Modern Railroads	1966	Listing of improvements on Northern Pacific in 1965 and those planned for 1966	Newsbrief	1966	1	154	2	Modern Railroads
Work Progresses on Missoula Yard Modernization		Telltale	1966	News and 2 pictures on rebuilding on Missoula classification yard. Keywords: Missoula, yard, Rocky Mountain Division	Newsbrief	29	Dec	4	2	Northern Pacific Railway
NP Restores Communications Service Cut By Recent Sleet Storm	Not identified	Telltale	1966	News story of corrective action needed on signal and communications lines after one of the many 1966 blizzards. Key words: snow, North Dakota, blizzard	Magazine	29	Jan	4	3	Northern Pacific Railway
St. Paul Freight House Moves to New Site	Not identified	Telltale	1966	News report on old and new Northern Pacific Railway freight depots in St Paul. 3 pictures.	Magazine	29	Jan	8	1	Northern Pacific Railway
L. L. Perrin, Former NP Advertising Manager, Wins Coveted Ad Club Award	Not identified	Telltale	1966	News item on presentation of award. Key Words: Advertising, Lon Perrin	Magazine	29	Mar	5	1	Northern Pacific Railway
Self Service Dining Car Enters West Coast Service		Telltale	1966	News item on economy food service on train 407 and train 408. Keywords: dining car, W F Parr,	Article	29	Nov	4	1	Northern Pacific Railway
Congratulations Mr. McFarlane, Congratulations Mr. Menk		Telltale	1966	News report and profile of a retiring president and his replacement. Key words Robert McFarlane, Lewis Menk, President, Executive	Article	29	Oct	3	1	Northern Pacific Railway
NP Initiates First Unit Coal Train West of Mississippi		Telltale	1966	News report on new unit coal train at Zap ND. 4 pictures. lignite	Article	29	Oct	4	2	Northern Pacific Railway
Four New Giant Locomotives Speed NP Main Line Freight Service	Not identified	Telltale	1966	News report on delivery of U36C diesels. Key word: GE, General Electric	Magazine	29	Sep	3	1	Northern Pacific Railway
NP Shows New Pig Palace Cars, 22 in Service	Not identified	Telltale	1966	News story of delivery of final stock cars to be built for a US railroad. 2 pictures. Key words: Pig Palace, stockcar , Ortner	Magazine	29	Sep	4	1	Northern Pacific Railway
Railroad Improvements	Okulanis, Nancy	Modern Railroads	1967	Listing of improvements on Northern Pacific in 1966 and those planned for 1967	Newsbrief	1967	1	156	3	Modern Railroads
Radio Signal Triggers Opening of Hopper Doors		Modern Railroads	1967	Innovations on unloading unit coal train. Key words: Zap, unit train, coal	Newsbrief	1967	2	95	1	Modern Railroads
Spokane-Pasco freight	Steinheimer, Richard	Trains	1967	Six covered wagons, including 4 FT's on Spokane-Pasco freight. Keyword: FT, diesel.	Photo	27	9	30	2	Kalmbach, Milwaukee, WI
NP Delivers Giant Stator to Minnesota Power Plant		Telltale	1967	News of move of high-wide shipment on St Paul Division. 1 picture. Keyword: High-wide	Article	30	Mar	4	1	Northern Pacific Railway
Improvements 67	Cutler, Tim	Modern Railroads	1968	Report of improvements on Northern Pacific in 1967 and those planned for 1968.	Newsbrief	1968	1	110	2	Modern Railroads
NP's Small Yard Thinks Big	Myers, Edward T	Modern Railroads	1968	News and operating profile of improved yard at Missoula. 3 pix. Key words: yard, Missoula.	Article	1968	10	66	3	Modern Railroads

Menk Revitalizes NP Management	Ford, Nancy	Modern Railroads	1968	Chnges in managerial practices under new President. Key words: Lewis Menk (the Fink), Frank Coyne, Norman Lorentzen, merger, Norpac car tracing	Column	1968	3	52	2	Modern Railroads
Cattle Move in Jumbo NP Stock Car		Mainstreet	1968	News on use of 85 foot stock cars in special move. Keywords: Billings, livestock, Pig Palace.	Article	1	June	3	1	Northern Pacific Railway
Interesting Railfans: Ronald V. Nixon	Hubbard, Freeman	Railroad Magazine	1969	Biographical profile of Mr. Nixon, including his rail career, teaching, railfan activity and photography. 10 Northern Pacific Railway pictures. Keywords: telegraphy. Ronald V. Nixon, North Coast Limited.	Article	84	Apr	24	5	Popular Publications, New York
North Dakota Road Agent		GO!	1969	Profile of man and job. Coleman Quill was a traveling agent serving small towns in central North Dakota from Rogers to McHenry. 7 pictures. Key words: Agency, agent, Fargo Division.	Article	1	Aug	3	3	Northern Pacific Railway
Northern Pacific Railway Roster	Reich, Sy	Railroad Magazine	1969	Current diesel roster. One photo. Keyword: diesel locomotive.	Table	85	Sep	62	2	Popular Publications, New York
The Northern Pacific: Years of Difficulty	Cotranco, Ross R.	Kansas Quarterly	1970	Early financial and managerial history of the Northern Pacific from the 1853 Pacific surveys to the Northern Securities case. Key Words, Cooke, Villard, finance.	Article	2	3	69	9	Kansas State University
So You Want To Run a Railroad?	Edmonson, Harold A	Trains	1970	A survey of management training programs of 12 major railroads including Northern Pacific, with a description of the training, candidates sought, how to apply, and eventual placement. Ironically, this appeared just in time to be superseded by the merger. Keyword: management training.	Article	30	6	40	8	Kalmbach, Milwaukee, WI
Farewell, CB&Q, GN, NP, and SP&S; hello, BN	Morgan, David P.	Trains	1970	Brief tribute to roads incorporated into BN, with one picture and half-page of random Northern Pacific data. Keyword: merger	Article	30	8	24	5	Kalmbach, Milwaukee, WI
NP and SP&S Challengers	Hundman, Robert	Model Railroader	1970	Foldout drawing of Class Z-8 4-6-6-4, Northern Pacific 5141, articulated steam locomotive in ¼ inch scale, with detailed drawings of tender and cross sections of locomotive, photos of Northern Pacific 5130, Northern Pacific 5149, Class Z-7 Northern Pacific 5125, 'SP&S' 911. Northern Pacific Railway; 'Spokane, Portland and Seattle Railway'; engine, Challenger	Drawing	1970	May	34	7	Kalmbach, Milwaukee, WI
Death of a Depot, The	Gale, George	Railroad Magazine	1971	Brief tribute and reminiscence on the Northern Pacific Railway depot at Montesano WA. 1 unrelated picture.	Article	87	May	51	1	Popular Publications, New York
Burlington Northern Locomotive Roster	Reich, Sy	Railroad Magazine	1971	Complete list of diesels owned by Northern Pacific Railway and other BN components on Merger day and subsequent first renumbering. Keyword: diesel locomotives, BN	Table	89	Sep	54	5	Popular Publications, New York
Along an Open Track	Kochanek, Ed; Kochanek, Sally	Book	1972	Photo book looking at railroads across the United States with black and white Photos of Northern Pacific subjects by Phil Hastings. Keywords, Photos, Hastings.						North Shore Publishers, Prospect Heights, IL
About a Railroad You May Not Have Heard of-and That Is No More	Mitchell, Stewart	Trains	1972	Comprehensive profile of shortline connection Midland Continental in North Dakota, with equipment roster and map and 14 pictures. Keyword: Jamestown, Midland Continental, Q-4, 4-6-2.	Article	33	8	20	6	Kalmbach, Milwaukee, WI
The Construction of the NP Main Line, 1870-1888	Renz, Louis Tuck	Book	1973	History of the construction of the main line, from 1870 through completion of the Stampede Tunnel line in 1888.	Book				64	Privately published, Walla Walla, WA
Union Depot That Endured, The	King, Franklin A.	Trains	1973	Well-illustrated history of station building and operations of Duluth Union Depot & Transfer Company, with complete roster of five engines, all Northern Pacific hand-me-downs, and 12 pictures and one drawing. Keyword: Duluth. DUD&T, roster	Article	34	1	20	5	Kalmbach, Milwaukee, WI
My Album of Memories	Hanft, Robert M.	Trains	1974	Collection of photos with extended captions, including Northern Pacific 666 4-4-0 and 4-6-6-4 at Sandpoint.. Keyword: Brainerd, Sandpoint, Challenger, American Standard	Photo	35	1	22	14	Kalmbach, Milwaukee, WI
Fallen Flags 1	Ingles, J. David; Morgan, David P.	Trains	1974	One Northern Pacific picture and paragraph included in a tribute to Fallen Flag railroads. Keyword: Alaskan, Livingston,	Photo	34	6	24	1	Kalmbach, Milwaukee, WI
NP Class Z-8 4-6-6-4		Model Railroader	1974	Drawing of Class Z-8 4-6-6-4, articulated steam locomotive in ¼ inch scale. Northern Pacific Railway; 'Spokane, Portland and Seattle Railway'; 'SP&S', engine, Challenger	Drawing	1974	May	55	1	Kalmbach, Milwaukee, WI
Train of Fools, A	Morgan, David P.	Trains	1975	Account of a ride on Northern Pacific main on Amtrak North Coast Hiawatha and a tour train. Keyword: Amtrak.	Article	35	11	26	3	Kalmbach, Milwaukee, WI
Biography of a Heavy Pacific	Frey, Robert L.	Railroad History	1976	Technical and operational history and development of the Q-5 class Pacifics. 4 pix. Bibliography. Keyword: Q-5, Alco, H. M. Curry,	Article		135	59	20	Railway and Locomotive Historical Society
Challenger's Last Challenge, A	Nixon, Ronald V.	Trains	1978	Operation in 1957 of Z-8 5140 to settle track on Trout Creek-Noxon line relocation. 7 pix. Keywords: Noxon. Idaho Division, last steam run, Z-8, 4-6-6-4, Challenger, Parkwater	Article	38	7	25	3	Kalmbach, Milwaukee, WI

Favorite Railroad Photos of Warren R. McGee	McGee, Warren R.	Trains	1980	Photo collection with extended captions and thumbnail biography. Keywords: Z-8, 4-6-6-4, Challenger, Lombard, Bozeman Pass,	Photo	40	3	31	11	Kalmbach, Milwaukee, WI
Minnesota Logging Railroads	King, Franklin A.	Book	1981	Addresses logging and other industries served by the Northern Pacific in Minnesota, and follows various second hand Northern Pacific motive power around the woods of Minnesota. Keywords: logging, Minnesota, steam locomotive						Golden West Books, San Marino, CA
NP Q-5's	Hill, Fred	Mainstreeter	1981	Inaugural Issue. Cover collage of 3 Q-5 photos	Column	01	1	1	1	NPRHA
NP Q-5 Class 4-6-2 Pacific; Information Sheet 81-001	Barry, John; Egan, Pat; Hill, Fred; Martin, Dale; Nixon, Ron	Mainstreeter	1981	Brief history of Q-5 Pacifics with roster, three photos, data table and diagram of loco only (no tender). Keywords: Class Q-5, Pacific, 4-6-2, diagram, roster, data	Article	01	1	3	4	NPRHA
NP 328 in Park	Glischinski, Steve	Trains	1981	NP 328 in Minnesota lake setting with varnish after restoration. Keyword: S-10, ten wheeler, 4-6-0.	Photo	42	1	42	2	Kalmbach, Milwaukee, WI
NP 328	Not identified	Mainstreeter	1981	Head-on photo of Northern Pacific 328 Class S-10, 4-6-0, ten-wheeler	Photo	01	2	1	1	NPRHA
NP S-10 Class 4-6-0; Information Sheet 81-002	Martin, Loren; Nixon, Ronald V.; Shrenk, Lorenz P.	Mainstreeter	1981	Brief history of S-10 ten-wheelers with diagram, class data table, roster information, three photos by ron Nixon, Dawn Holmberg and Loren Martin. Keywords: Class S-10, 4-6-0, ten-wheeler, diagram, data	Article	01	2	3	4	NPRHA
NP Steam Locomotives on Permanent Display	Hill, Fred	Mainstreeter	1981	Table of 15 locomotives on permanent display as of 1981. Keywords: steam locomotive, preserved, permanent display, Northern Pacific 25, Northern Pacific 328, Northern Pacific 1031, Northern Pacific 1068, Northern Pacific 1070, Northern Pacific 1354, Northern Pacific 1356, Northern Pacific 1364, Northern Pacific 1383, Northern Pacific 2154, Northern Pacific 2153, Northern Pacific 2156, Northern Pacific 2164, Northern Pacific 2435, Northern Pacific 10	Table	01	2	7	1	NPRHA
How the NP Got its Trademark	Hill, Fred	Mainstreeter	1981	Half page summary of the origin of the Monad symbol. Keywords: Monad, origin	Article	01	2	7	1	NPRHA
NP 2650 pulling second section of westbound North Coast Limited	Nixon, Ronald V.	Mainstreeter	1982	NP 2650, Class A-2, Northern, 4-8-4 in Rocky Canyon, Montana	Photo	01	3	1	1	NPRHA
Locomotives on Display Update	Barry, John W.	Mainstreeter	1982	Provides additional information to previous issue's table of preserved locomotives on permanent display. Keywords: steam locomotive, preserved, permanent display, Northern Pacific 924, Northern Pacific 1070, Northern Pacific 1356, Northern Pacific 1382, Northern Pacific 2435, Northern Pacific 10	Column	01	3	2	1	NPRHA
NP Class A-2, 4-8-4 Northern, Heavy Passenger Power, Information Sheet 82-001	Anderson, Jack; Nixon, Ron; Hill, Fred; Barry, John	Mainstreeter	1982	Brief history of A-2 Northern with 15 Photos, elevation and cross section drawings, roster, data table. Keywords: Class A-2, 4-8-4, Northern, roster, data, drawings	Article	01	3	3	12	NPRHA
Express Refrigerator NP 2200	Builder	Mainstreeter	1982	NP 2200 express refrigerator car, 70000 lb capacity, length 50 ft., Capacity 2800 cu ft, tanks for 12500 lbs chunk ice. Keywords: Express reefer, refrigerator car	Photo	01	3	15	1	NPRHA
Automobile Boxcar photo, NP 5474	Pressed Steel Car Company	Mainstreeter	1982	50-ton, single-sheathed, steel frame automobile boxcar, builder Pressed Steel Car Company. Keywords: automobile boxcar	Photo	01	3	15	1	NPRHA
Overland Models NP A-2	Egan, Patrick	Mainstreeter	1982	Review of Overland Models HO scale brass imported Northern Pacific Class A-2 Northern. Keywords: model, A-2	Column	01	3	15	1	NPRHA
Photo of NP 1720 Caboose	Orem, J	Mainstreeter	1982	Photo of Northern Pacific 1720 wood caboose at Billings in 1957, by J. Orem	Photo	01	4	1	1	NPRHA
NP Shorty Caboosees	Sherman, Neil	Mainstreeter	1982	Brief history of 24-foot cabooses, including list of series, paint schemes, renumbering. Keywords: caboose, 24-foot, Northern Pacific 1200, Northern Pacific 1600, Northern Pacific 1700, BN number, paint	Article	01	4	3	2	NPRHA
NP Class Z-1 2-6-6-2 Mallets, information sheet 82-004	Farrow, Albert E.	Mainstreeter	1982	Brief history of Northern Pacific Class Z-1 2-6-6-2 steam locomotives, with 5 photos by Al Farrow, including Ex-NP 3100 at Rayonier, data table. Keywords: Class Z-1, 2-6-6-2, Mallet, Rayonier, Polson, Northern Pacific 3100, Northern Pacific 3101, Northern Pacific 3102, Northern Pacific 3103,	Article	01	4	6	4	NPRHA
Z-5 5000 Painting	Reid, Gil	Trains	1982	Color painting of front end of Z-5 5000. keywords: Yellowstone, 2-8-8-4	Photo	42	5	C	1	Kalmbach, Milwaukee, WI
Once Upon a Time the World's Largest Locomotive	Frey, Robert L.	Trains	1982	First of two parts on Yellowstone types on the NP, with operating background and construction history and physical factors of Yellowstone Division. 15 pictures, map, division gradient profile. Keywords: Z-5, 2-8-8-4, Yellowstone Division, Rosebud coal,	Article	42	5	22	9	Kalmbach, Milwaukee, WI

From Largest to Some of the Largest	Frey, Robert L.	Trains	1982	Second installment of the Yellowstone story, with operating details, costs, performance testing, and uses for the Z-5's as well as replacement and retirement. 10 pictures. Key words: Z-5, 2-8-8-4, Yellowstone Division, Bozeman, Rocky Mountain Division, FT,	Article	42	6	42	8	Kalmbach, Milwaukee, WI
NP 2360	Nixon, Ronald V.	Mainstreeter	1983	Photo of Northern Pacific 2360 Prairie, Class T, 2-6-2, Northtown, 6/5/47	Photo	02	1	1	1	NPRHA
2-6-2 Prairies, Information Sheet 83-005	Morris, James	Mainstreeter	1983	Brief History of Class T and T-1 Prairies, elevation and section drawing, Distribution of Power 1953, table of conversion parts for models, data tables for Class T engines superheated and saturated. Keywords: Class T, Class T-1, 2-6-2, Prairie	Article	02	1	3	12	NPRHA
NP Color Chart	Editor	Mainstreeter	1983	Color scheme descriptions for: passenger locomotives, freight locomotives, diesel-electric switchers, gas-electric motor cars, passenger equipment, freight auto box caboose drovers's and stock cars, freight refrigerators, open-top flat and tank steel cars, freight car lettering, work and miscellaneous equipment. Keyword: paint, steam, diesel, freight, passenger, work equipment	Drawing	02	1	15	1	NPRHA
Questions and answers	Green, Dick	Mainstreeter	1983	Answers to questions about cab roof covering and color, smokestack height, numbers on sand domes, number boards, yellow hand rails, doghouses on Z-5	Column	02	1	16	1	NPRHA
L-9, 0-6-0 in Seattle	Not identified	Mainstreeter	1983	L-9 0-6-0 on Railroad Street (Alaskan Way) in Seattle in 1920s.	Photo	02	2	1	1	NPRHA
The L-9 0-6-0 Switcher	Barry, John W.	Mainstreeter	1983	Brief history of the L-9 0-6-0 Switch locomotives, photos of #1040, #1111, #1132, #1128, #1068#1080, #1049, elevation, data sheet w/ dimensions, roster #1040 - #1134 w/ division assignment and disposition. Keywords L-9, 0-6-0, switcher, roster, diagram, steam locomotive	Article	02	2	3	10	NPRHA
NP Advertisement	Northern Pacific Railway	Mainstreeter	1983	Advertisement which appeared in January 1959 Modern Railroads	Drawing	02	2	11	1	NPRHA
Questions and Answers	Barry, John W.	Mainstreeter	1983	Answers to questions about Northern Pacific steam locomotive number boards, last mainline steam operations, W Class locomotives on the Idaho Div., Northern Pacific operating divisions	Column	02	2	12	1	NPRHA
The Locomotive Portraits. A Half-Century of Locomotive Negatives by Darius and Tabatha Kinsey	Bohn, Dave, Petschek, Rodolfo	Book	1984	Locomotive Photos of Darius Kinsey, taken mostly on Western Washington logging roads in the 1920s. Logging railroads that probably interchanged with Northern Pacific included English Lbr. Co., Florence Logging Co., Weyerhaeuser camp at Headquarters, Vail and Enumclaw, Sound Timber Co. at Darrington, keywords locomotive, Kinsey, logging	Book				143	Chronicle Books, San Francisco, CA
NP Box Cars	Sullivan, Todd; Miller, Rich; Buike, Dick, Leach, Rick	Mainstreeter	1984	Boxcar paint schemes, chronology 1876 to 1969, dates of introduction where known, hand drawn lettering diagrams, Photos. Keywords: box car, boxcar, paint, lettering	Drawing	03	1	1	12	NPRHA
NP 584	Leach, Rick W.	Mainstreeter	1984	Photo of Northern Pacific Deluxe Coach 584, in train, Seattle, 1969	Photo	04	1	1	1	NPRHA
NP Dome Sleeper 313	Leach, Rick W.	Mainstreeter	1984	Photo of Northern Pacific Dome Sleeper 313, in train, Seattle, 1969	Photo	04	1	1	1	NPRHA
NP 6703C	Leach, Rick W.	Mainstreeter	1984	Photo of Northern Pacific 6703C,w/NCL, King St., Seattle, 1969	Photo	04	1	1	1	NPRHA
NP Mail Dormitory	Leach, Rick W.	Mainstreeter	1984	Photo of Northern Pacific Mail Dormitory, in train, Seattle, 1969	Photo	04	1	1	1	NPRHA
Article about NP NCL passenger cars, disposition and paint diagram	Barger, Ralph L.	Mainstreeter	1984	Article about Northern Pacific NCL passenger cars, disposition and paint diagrams, Water Baggage 400-405, Mail Dormitory 425-429,479, Deluxe Coach 586-599,Doame Coach 550 series, Traveler's Rest 494 series, Sleeper 450 Series, Dome Sleeper 307 series, Sleeper 367 series, Club 390 Series and F3 A&B paint Diagrams	Article	04	1	2	17	NPRHA
NP 6004, FT consist	Fredrickson, James M.	Mainstreeter	1984	Photo, ¾ view, Northern Pacific 6004, FT consist, Easton, WA, 1945	Photo	04	1	12	1	NPRHA
NP FT consist w/ train	Fredrickson, James M.	Mainstreeter	1984	Photo, ¾ view, Northern Pacific FT four unit consist, Wyman, WA, 1944	Photo	04	1	12	1	NPRHA
NP Standard Plan for Tell Tale, Blueprint	Northern Pacific Railway	Mainstreeter	1984	Blue print of Northern Pacific Standard Plan for Tell Tale, 7-9-38	Drawing	04	1	18	1	NPRHA
Editorial	Barry, John W.	Mainstreeter	1984	Editorial regarding NPRHA news and progress, The Mainstreeter and upcoming Minneapolis Convention 7-19, 1985.	Column	04	1	19	24	NPRHA
NP Diner, in train,	Leach, Rick W.	Mainstreeter	1984	Photo of Northern Pacific Diner, in train, Seattle, 1969	Photo	04	1	23	1	NPRHA
NP Sleeper, in train	Leach, Rick W.	Mainstreeter	1984	Photo of Northern Pacific Sleeper, in train, Seattle, 1969	Photo	04	1	23	1	NPRHA
NP Traveler's Rest, in train	Proctor, H. N.	Mainstreeter	1984	Photo of Northern Pacific Traveler's Rest, in train, Billings,, Montana, 11-11-69	Photo	04	1	24	1	NPRHA

NP NCL Train Consist of Diesels and Passenger cars Painting and Lettering Diagrams	Northern Pacific Railway, Office of Chief Engineer	Mainstreeter	1984	NP NCL painting and lettering diagrams for the following: Pg 4 & 21 (EMD F3, A & B units); Pg 6 & 19 (Water Baggage 400-405; Mail Dormitory 425-429,479; Deluxe Coach 586-599); Pg 8 & 17 (Dome Coach 550 series; Traveller's Rest 494 series); Pg 10 & 15 (Sleeper 450 Series; Dome Sleeper 307 series); Pg 12 & 13 (Sleeper 367 series; Club 390 Series).	Drawing	04	1			
Selected Railroad Reading: Recollections of a Summer Signalman	Henry, Dennis C	Trains	1984	Brief anecdote from signal department in Minnesota on NP-GN rivalry and cooperation	Article	44	11	51	1	Kalmbach, Milwaukee, WI
NP 1855 Photo	Martin, Loren	Mainstreeter	1984	Head-on Photo of Northern Pacific 1855 in 1956. Keywords: Class W-5, 2-8-2, Mikado.	Photo	03	2	1	1	NPRHA
Class W-5 2-8-2 Mikados	Barry, John W.	Mainstreeter	1984	History of Class W-5 Mikados, with Photos and diagram, roster. Keywords: class W-5, 2-8-2, Mikado, roster, diagram	Article	03	2	2	7	NPRHA
Diagram of Class X Mastadon 4-8-0	Northern Pacific Railway	Mainstreeter	1984	Diagram of Class X 4-8-0.	Drawing	03	2	2	2	NPRHA
Diagram of tender, Class 35E-1 to 35E-25	Northern Pacific Railway	Mainstreeter	1984	Diagram of tender for Class W-5	Drawing	03	2	2	2	NPRHA
Diagram of Class W-4 Mikado 2-8-2	Northern Pacific Railway	Mainstreeter	1984	Diagram of Class W-4 Mikado 2-8-2	Drawing	03	2	2	2	NPRHA
Diagram of Class W-5 Mikado 2-8-2	Northern Pacific Railway	Mainstreeter	1984	Diagram of Class W-5 Mikado 2-8-2	Drawing	03	2	2	2	NPRHA
Plan of Telegraph Office with Living Rooms for Junction Points	Northern Pacific Railway	Mainstreeter	1984	Standard Plan of Telegraph Office with Living Rooms for Junction Points dated Dec. 30, 1927, includes painting instructions, 2 sheets. Keywords: telegraph office, standard plan, paint, 1927	Drawing	03	2	Insert	2	NPRHA
Stock Cars	Anderson, Randy	Mainstreeter	1984	Ryan Car Company stock cars of 1930, diagram, index page from diagram book, Photos. Keywords: stock car, diagram, index, Ryan	Photo	03	2	Insert	2	NPRHA
Hushed Corridors and Crashing Vestibules	Minshall, Edward F.	Trains	1984	Anecdotal collection from a Pullman seasonal conductor, including one segment on working NCL in 1948. 1 Northern Pacific picture .Keyword: NCL, North Coast Limited.	Article	45	2	52	4	Kalmbach, Milwaukee, WI
Heavyweight Passenger cars	Barry, John W.	Mainstreeter	1984	Pictures of heavyweight passenger cars, consists of North Coast Limited on January 14, 1947 (1st and 2nd sections), diagram 159 of Deluxe Coaches 588-597, diagram 204 of diners, diagram of Deluxe Coaches 500-517, diagram 135 of smokers, diagram 232 of parlor cars 1730-1731, diagram 233 of parlor car 1732, diagram 231 of sleepers - chief series, diagram of standard sleeping cars 1214-1216. keywords: heavyweight, passenger, deluxe coach, diner, smoker, parlor car, sleeper, consists, 1947, diagram	Photo	03	3	1	16	NPRHA
Heavyweight passenger car diagrams	Barry, John; Barger, Ralph L.	Mainstreeter	1984	Diagrams 207 Diners 1690-1698, diagram 81 of CB&Q baggage car, diagram of mail and express cars 1443-1452, diagram of baggage cars 1500-1509. Keywords: diagram, heavyweight, passenger, baggage, diner, mail and express.	Drawing	03	3	Insert	2	NPRHA
Standard Plan of section house, 1½ story	Northern Pacific Railway	Mainstreeter	1984	Standard Plan of 1½ Story section house, dated 1910	Drawing	03	3	Insert	1	NPRHA
Standard Plan of Ice Houses	Northern Pacific Railway	Mainstreeter	1984	Standard Plan of Ice Houses, dated 1910	Drawing	03	3	Insert	1	NPRHA
Newsletter for Vol. 3 No. 3	Barry, John W.	Mainstreeter	1984	Newsletter, includes modeling suggestions for Northern Pacific heavyweight passenger cars. Keywords: model, passenger, heavyweight	Column	03	3	Insert	2	NPRHA
NP FT 5407A	Shaw, Jam	Mainstreeter	1984	NP 5407A leaving yard. Location unknown	Photo	03	4	1	1	NPRHA
NP FT 6006	Whittaker, William C.	Mainstreeter	1984	The matched set of FTs illustrates the Northern Pacific F1 Pine Tree paint scheme	Photo	03	4	1	1	NPRHA
The NP's FT Diesel-Electric Locomotives	Schrenk, Lorenz P.	Mainstreeter	1984	Brief history of FT diesel locomotives, roster, Photos, painting diagram showing 3rd variant of Pine Tree freight scheme. Keywords: FT, diesel, locomotive, paint, roster, drawing	Article	03	4	1	7	NPRHA
Covered Hopper Cars	Barry, John W.	Mainstreeter	1984	Covered hopper car diagram 78, two Photos, built 1967 by ACF, Numbers 7500-75099 and 75750-75799. Keywords: covered hopper, diagram, roster	Drawing	03	4	3	1	NPRHA

Sketch showing proposed housing with corrugated galvanized iron of Bridge No. 9 - Boulder Creek	Northern Pacific Railway	Mainstreeter	1984	Corrugated iron covering for wooden Bridge 9 on Darrington Branch, dated 21 Sept. 1909. Includes two H. K. Volrath Photos of Darrington Br. Bridge 18 with similar sheathing. Keywords: bridge, covered bridge, corrugated iron sheathing, drawings, Photos, Darrington	Drawing	03	4	3	2	NPRHA
Drossing Newsletter for Vol. 3 No. 4	Barry, John W.	Mainstreeter	1984	Newsletter, status of budget, proposed upcoming issues with information requests.	Column	03	4	Insert	2	NPRHA
The NP's FT Diesel-Electric Locomotives	Northern Pacific Railway, Office of Chief Engineer	Mainstreeter	1984	Painting & Lettering diagram showing 3rd variant of Pine Tree freight scheme.	Drawing	03	4			
Letter to members, February 25, 1984	Barry, John W.	Mainstreeter	1984	Letter about status of society, plan to re-initiate publication.	Column	02	Addend	1	2	NPRHA
Addendum L-9 0-6-0	Barry, John W.	Mainstreeter	1984	Roster of Class L-9 0-6-0 switchers, with builder, date, builder no., engine no., division, fuel, and disposition	Table	02	Addend	3	2	NPRHA
The Northern Pacific before 1925	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	The Northern Pacific before 1925; a brief history of the Northern Pacific Railroad and the Northern Pacific Railway. Chapter 1	Book			10	18	Golden West Books, San Marino, CA
The Route of the Northern Pacific	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Describes the route of the Northern Pacific Railway and the operating difficulties associated with the route. Chapter 2	Book			28	18	Golden West Books, San Marino, CA
Northern Pacific Railway History: 1925-1945	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Political, economic, operational history of the Northern Pacific Railway from 1925 to 1945, including the controlling factors to promote the construction of large, modern steam locomotives that would not need helpers at critical traffic chokepoints; impact of Timken TMBX 1111 demonstrator; impacts of World War II traffic, arrival of diesel engines. Chapter 3	Book			46	30	Golden West Books, San Marino, CA
The Quest for More Horsepower 1926-1930, The Northern and Yellowstone	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Operational needs and engineering tests leading to design of a firebox capable of burning Rosebud coal, and application of 4-wheel trailing truck to support the firebox, leading to the 4-8-4 design for passenger service and the 2-8-8-4 design for freight service; Northern; Yellowstone; banquet in the firebox; evaluation of possible electrification; Chapter 4	Book			76	30	Golden West Books, San Marino, CA
Class A Northern	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Design and development of the first 4-8-4 locomotives. They were a transitional design named for the Northern Pacific.	Book			78	15	Golden West Books, San Marino, CA
Class Z-5 Yellowstone	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Design and development of the NP's 2-8-8-4, simple articulated locomotives. They were the largest locomotives for a period of time and the first of that wheel-arrangement. The Northern Pacific named the engines after the Division on which they initially operated.	Book			94	12	Golden West Books, San Marino, CA
Modern Passenger Locomotives, The 4-8-4s, Classes A-1 to A-5	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Development of the Timken 4-8-4 TMBX 1111 by the Timken Roller Bearing Company, its influence on subsequent locomotive design, testing TMBX 1111 on the Rocky Mountain Division and elsewhere, damaged crown sheet, purchase by Northern Pacific Railway as Northern Pacific 2626, Class A-1, conversion from coal to oil, dynamometer comparisons to Class A Northern Pacific 2607; development of Class A-2, A-3, A-4 and A-5 locomotives; "S P & S" class E-1; A-4 class built in anticipation of war traffic; A-5 class built under wartime material restrictions; boiler cracking associated with silico-manganese steel; fusion welding of boilers; Chapter 5. Four Aces	Book			106	44	Golden West Books, San Marino, CA
Class A-1 Northern	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Design and development of the first locomotive equipped with roller bearings. The demonstrator was purchased by the Northern Pacific after crown sheet damage developed during tests on the Seattle Division.	Book			107	11	Golden West Books, San Marino, CA
Class A-2 Northern	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Design and development of the NP's first true Supersteam, 4-8-4 locomotives which proved very successful.	Book			117	9	Golden West Books, San Marino, CA
Class A-3 Northern	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	The purchase of the second set of Supersteam 4-8-4 locomotives to replace the Pacific type locomotives on the Northern Pacific passenger trains, as well as hauling the new time freight trains.	Book			125	7	Golden West Books, San Marino, CA
Class A-4 Northern	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	As the war in Europe began, the Northern Pacific needed more high-horsepower locomotives and ordered an all-weather version of the successful. The A-4 design had a number of differences from the A-2 and A-3s.	Book			132	8	Golden West Books, San Marino, CA

Class A-5 Northern	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	In early 1942, the Northern Pacific purchased the last set of 4-8-4s to handle some of the war-time tonnage. Because of restrictions on materials available, these engines did not include all the changes in the A-4s.	Book	140	10	Golden West Books, San Marino, CA
Modern Freight Locomotives; Classes Z-6, Z-7 and Z-8	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Development of 4-6-6-4 wheel arrangement by Northern Pacific Railway; parallel development by Union Pacific; friction bearings versus roller bearings; "SP&S" and GN orders; Z-6 tests in Stampede Tunnel; Studies of Stampede Pass alternatives (1) electrification (2) line relocation (3) design locomotive more suitable for Stampede Pass or (4) move Z-3s from elsewhere; tests running Z-6 in reverse, leading to consideration of a cab-forward design; improvements leading to class Z-7 and Z-8; impact of diesel deliveries on 4-6-6-4 assignments; Chapter 6. Challenger	Book	150	38	Golden West Books, San Marino, CA
Class Z-6 4-6-6-4	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Design and development of the NP's 4-6-6-4, high-speed simple articulated locomotives. They combined high-power with speed to handle Time Freights on the Yellowstone, Rocky Mountain and Idaho Divisions. They were successful, but limited by weak frames and friction bearing in part of the class.	Book	151	16	Golden West Books, San Marino, CA
Class Z-7 4-6-6-4	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	The class was ordered in early 1941 to add proven high speed power to the war effort. They had roller bearings and cast steel frames to resolve issues with the Z-6's. They served their entire careers on the Rocky Mountain Division.	Book	166	7	Golden West Books, San Marino, CA
Class Z-8 4-6-6-4	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	In early 1942, the Northern Pacific saw it needed more high-speed power to handle the war-time freight tonnage and the War Production Board allow them to order additional units of the Z-7 design. The first order of 12 were delivered in 1943 with 8 delivered in 1944.	Book	173	14	Golden West Books, San Marino, CA
Epilogue	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Impact of diesels; contributions of the Northern Pacific Railway to modern steam locomotive design; significant attributes of Northern Pacific Railway modern steam engines; Chapter 7.	Book	188	4	Golden West Books, San Marino, CA
Explanatory notes	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Explanatory notes to Northern Pacific Railway locomotive and tender class designations; steam locomotive road numbers; wheel arrangements; builders; construction numbers and dates; driving wheel diameters; cylinder size; locomotive weights; boiler pressure; tractive effort	Book	193	2	Golden West Books, San Marino, CA
Northern Pacific Railway trackage by State or Province (December 31, 1924)	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Table of track mileage organized by state and province as of December 31, 1924; Appendix A	Appendix	195	3	Golden West Books, San Marino, CA
Summary Roster of Northern Pacific Steam Locomotives 1925-1959	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Table of steam locomotives in service on the Northern Pacific Railway between 1925 and 1959; Organized by class; Appendix B.	Appendix	198	2	Golden West Books, San Marino, CA
Northern Pacific Railway; Numerical Locomotive Roster	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Numerical roster of Northern Pacific Railway locomotives in June 1925, September 1934, and June 1945, including steam, gas-electric, diesel electric, and leased steam locomotives; Appendix C	Appendix	200	3	Golden West Books, San Marino, CA
Locomotive Roster by Class	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Locomotive Roster by Class for Class A; Class A-1; Class A-2; Class A-3; Class A-4; Class A-5; Class Z-5; Class Z-6; Class Z-7; Class Z-8; 4-8-4, 2-8-8-5; 4-6-6-6; Northern, Yellowstone, Challenger; Appendix D.	Appendix	203	5	Golden West Books, San Marino, CA
Northern Pacific Locomotive Painting and Lettering Practice 1925-1945	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Summary of Northern Pacific Railway steam locomotive painting and lettering practices from 1925 to 1945; black boiler jackets; gray-green boiler jackets; black, red or graphite cab roof; Appendix E	Appendix	208	2	Golden West Books, San Marino, CA
Locomotive Profiles	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Diagrams for locomotives and tenders, Class A, Class A-1; Class A-2; Class A-3; Class A-4; Class A-5; Class Z-5; Class Z-6; Class Z-7; Class Z-8; 4-8-4, 2-8-8-5; 4-6-6-6; Northern, Yellowstone, Challenger; Appendix F.	Appendix	210	4	Golden West Books, San Marino, CA
Diagram of Tenders, Class 43-E-1 to 43-E-12	Northern Pacific Railway	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of steam locomotive tender, Class 43-E-1 to 43-E-12, built for Class A steam locomotives; Appendix F	Diagram	210	1	Golden West Books, San Marino, CA
Diagram of Locomotive, Class A	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of Steam locomotive, Class A; 4-8-4; Northern; Appendix F	Diagram	210	1	Golden West Books, San Marino, CA
Diagram of Tender, Class 55E-1	Northern Pacific Railway	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of steam locomotive tender, Class 55E-1; built for Class A-1 steam locomotive; Appendix F	Diagram	210	1	Golden West Books, San Marino, CA
Diagram of Locomotive, Class A-1	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of Steam locomotive, Class A-1; 4-8-4; Northern; Timken engine; Four Aces; Northern Pacific 2626; TMBX 1111; Appendix F	Diagram	210	1	Golden West Books, San Marino, CA

Diagram of Tenders, Class 1-F-1 to 1-F-10	Northern Pacific Railway	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of steam locomotive tender, Class 1-F-1 to 1-F-10; built for Locomotive Class A-2; 4-8-4; Northern; Appendix F	Diagram		210	1	Golden West Books, San Marino, CA	
Diagram of Locomotive, Class A-2	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of Steam locomotive, Class A-2; 4-8-4; Northern; Appendix F	Diagram		210	1	Golden West Books, San Marino, CA	
Diagram of Tenders, Class 1-F-11 to 1-F-18	Northern Pacific Railway	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of steam locomotive tender, Class 1-F-11 to 1-F-10; built for Locomotive Class A-2; 4-8-4; Northern; Appendix F	Diagram		211	1	Golden West Books, San Marino, CA	
Diagram of Locomotive, Class A-3	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of Steam locomotive, Class A-3; 4-8-4; Northern; Appendix F	Diagram		211	1	Golden West Books, San Marino, CA	
Diagram of Tenders, Class 1-G-1 to 1-G-8	Northern Pacific Railway	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of steam locomotive tender, Class 1-G-1 to 1-G-8; built for Locomotive Class A-4; 4-8-4; Northern; Appendix F	Diagram		211	1	Golden West Books, San Marino, CA	
Diagram of Locomotive, Class A-4	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of Steam locomotive, Class A-4; 4-8-4; Northern; Appendix F	Diagram		211	1	Golden West Books, San Marino, CA	
Diagram of Tenders, Class 2-G-1 to 2-G-10	Northern Pacific Railway	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of steam locomotive tender, Class 2-G-1 to 2-G-10; built for Locomotive Class A-5; 4-8-4; Northern; Appendix F	Diagram		211	1	Golden West Books, San Marino, CA	
Diagram of Locomotive, Class A-5	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of Steam locomotive, Class A-5; 4-8-4; Northern; Appendix F	Diagram		211	1	Golden West Books, San Marino, CA	
Diagram of Tender, Class 48E-1	Northern Pacific Railway	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of steam locomotive tender, Class 48E-1; built for Steam Locomotive Class Z-5; Northern Pacific 5000; 2-8-8-4; Yellowstone; Appendix F	Diagram		212	1	Golden West Books, San Marino, CA	
Diagram of Locomotive, Class Z-5, NP 5000	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of Steam locomotive, Class Z-5; Northern Pacific 5000; 2-8-8-4; Yellowstone; Appendix F	Diagram		212	1	Golden West Books, San Marino, CA	
Diagram of Tenders, Class 48E2-12	Northern Pacific Railway	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of steam locomotive tender, Class 48E2-12; built for Steam Locomotives Class Z-5; 2-8-8-4; Yellowstone; Appendix F	Diagram		212	1	Golden West Books, San Marino, CA	
Diagram of Locomotive, Class Z-5	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of Steam locomotive, Class Z-5; 2-8-8-4; Yellowstone; Appendix F	Diagram		212	1	Golden West Books, San Marino, CA	
Diagram of Tenders, Class 2-F-1 to 2-F-21	Northern Pacific Railway	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of steam locomotive tender, Class 2-F-1 to 2-F-21; built for Steam Locomotive Class Z-6; 4-6-6-4; Challenger; Appendix F	Diagram		212	1	Golden West Books, San Marino, CA	
Diagram of Locomotive, Class Z-6	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of Steam locomotive, Class Z-6; 4-6-6-4; Challenger; Appendix F	Diagram		212	1	Golden West Books, San Marino, CA	
Diagram of Tenders, Class 1-G-9 to 1-G-14	Northern Pacific Railway	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of steam locomotive tender, Class 1-G-9 to 1-G-14; built for Steam Locomotive Class Z-7 4-6-6-4; Challenger; Appendix F	Diagram		213	1	Golden West Books, San Marino, CA	
Diagram of Locomotive, Class Z-7	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of Steam locomotive, Class Z-7 4-6-6-4; Challenger; Appendix F	Diagram		213	1	Golden West Books, San Marino, CA	
Diagram of Tenders, Class 2-G-11 to 2-G-22; 2-G-23 to 2-G-30	Northern Pacific Railway	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of steam locomotive tender, Class 2-G-11 to 2-G-22; 2-G-23 to 2-G-30; built for Steam Locomotive Class Z-8; 4-6-6-4; Challenger; Appendix F	Diagram		213	1	Golden West Books, San Marino, CA	
Diagram of Locomotive, Class Z-8	Frey, Robert L., Schrenk, Lorenz P.	Northern Pacific Supersteam Era, 1945-1970	1985	Diagram of Steam locomotive, Class Z-8 4-6-6-4; Challenger; Appendix F	Diagram		213	1	Golden West Books, San Marino, CA	
Northern Pacific Supersteam Era, 1945-1970	Frey, Robert L., Schrenk, Lorenz P.	Book	1985	An illustrated history of the Northern Pacific Railway and its most advanced steam locomotive power during the years 1925-1945; Supersteam consists of modern steam power, specifically 4-8-4 Northern locomotives, 2-8-8-4 Yellowstone locomotives, and 4-6-6-4 locomotives. Superheated, Challenger, Class Z-5, Class Z-6, Class Z-7, Class Z-8, Class A, Class A-1, Class A-2, Class A-3, Class A-4, Class A-5	Book		1	299	Golden West Books, San Marino, CA	
Perishable Fruit Traffic on the NP	Thorsett, Eugene	Mainstreeter	1985	Description of Northern Pacific perishable fruit operations in the Yakima Valley of Washington State	Article	04	2	1	9	NPRHA
NP5141 with mountains	Not identified	Mainstreeter	1985	Action shot of 4-6-6-4 5141 with snow covered mountains in background	Photo	04	2	1		NPRHA
Refrigerator car 207769	Cone, Rufus L.	Mainstreeter	1985	Refrigerator car 207769 at Livingston, Montana 9-16-79	Photo	04	2	1		NPRHA
NP Icing Stations List	Northern Pacific Railway	Mainstreeter	1985	NP Icing Stations List	Table	04	2	2	1	NPRHA
Yakima Valley NP lines	Northern Pacific Railway	Mainstreeter	1985	Small map of Northern Pacific lines in the Yakima Valley	Drawing	04	2	2	1	NPRHA
NRC 600 Express Reefer	Suter, Gene	Mainstreeter	1985	End view of NRC 600 (Northern Pacific Car Co.) Express Reefer, B end, lever type hand brake	Photo	04	2	3	1	NPRHA
NRC 600 Express Reefer	Suter, Gene	Mainstreeter	1985	¾ view of NRC 600 (Northern Pacific Car Co.) Express Reefer, B end, wheel type hand brake	Photo	04	2	3	1	NPRHA
NP 91000 - 91249 series Reefer	Northern Pacific Railway	Mainstreeter	1985	Blue Print drawing of Northern Pacific 91000-91249 series Pacific Car & Foundry (PC&F) steel reefer, 1947	Drawing	04	2	4	1	NPRHA
NP 91000 Reefer Builder's Photo	Suter, Gene	Mainstreeter	1985	Builder's Photo of Northern Pacific 91000 steel reefer at PC&C Renton, WA plant	Photo	04	2	4	1	NPRHA

NP Ice Reefers 92000-92999,94400-94899, 96500 - 97999, & 98000-98099	Northern Pacific Railway	Mainstreeter	1985	Painting & Lettering Diagram, Northern Pacific Ice Reefers: 92000-92999, 94400-94899, 96500 - 97999, 98000-98099	Drawing	04	2	6-7	2	NPRHA
NP 94631 @ Santa Rosa, CA	Whittaker, William C.	Mainstreeter	1985	NP 94631 @ Santa Rosa, CA, ¾ view, Yellowstone Park Herald, 11-19-1938	Photo	04	2	6	1	NPRHA
NP 94400-94899 series 42 ft. Reefer	Not identified	Mainstreeter	1985	Blueprint, Northern Pacific 94400-94899 series 42 ft. Reefer, Pullman, 1917 Steel Center Sills, 1917	Drawing	04	2	7	1	NPRHA
NP 91497 Reefer	Suter, Gene	Mainstreeter	1985	¾ view, Northern Pacific 91497, B end	Photo	04	2	8	1	NPRHA
NP 91497 Reefer	Whittaker, William C.	Mainstreeter	1985	Overhead ¾ view, Northern Pacific 91497 Reefer	Photo	04	2	8	1	NPRHA
NRC 600	Suter, Gene	Mainstreeter	1985	End view of NRC 600 (Northern Pacific Car Co.) Express Reefer, B end, wheel type hand brake	Photo	04	2	9	1	NPRHA
NRC 601-667 Express Reefer	Northern Pacific Railway	Mainstreeter	1985	Blueprint, NRC 601-667 Express Reefer, Passenger Refrigerator Cars Nos. 2200-2269	Drawing	04	2	9	1	NPRHA
Reflections of the NP FT's	Farrow, Albert E.	Mainstreeter	1985	Personal interest story about operation of NP's FT locomotives between Auburn and Yakima, WA	Article	04	2	10	2	NPRHA
NP Standard Scale House Drawing	Northern Pacific Railway	Mainstreeter	1985	Drawing of NPRY Standard Scale House	Drawing	04	2	11	1	NPRHA
NP 91500-91999 Reefer	Northern Pacific Railway	Mainstreeter	1985	Drawing, Northern Pacific 91500-91999 Reefer, built 1954	Drawing	04	2	12	1	NPRHA
NP 91606 Reefer	Whittaker, William C.	Mainstreeter	1985	NP 91606, San Francisco, 9-54, keyword: reefer	Photo	04	2	12	1	NPRHA
NP 93000-93999 series Reefer	Northern Pacific Railway	Mainstreeter	1985	Blueprint, Northern Pacific 93000, 42 foot Reefer, Steel Underframe, American Car and Foundry	Drawing	04	2	12	1	NPRHA
NP 93614	Whittaker, William C.	Mainstreeter	1985	NP 93614, side view, San Francisco, 9-19-41	Photo	04	2	12	1	NPRHA
Editorial	Barry, John W.	Mainstreeter	1985	Mentions the first NPRHA convention to be held 7-21-85, Minneapolis, MN	Column	04	2	Addendum	2	NPRHA
NP Standard Telephone Shelter	Northern Pacific Railway	Mainstreeter	1985	Blueprint, Northern Pacific Standard Telephone Shelter Box, 7-17-1929	Drawing	04	2	Addendum	1	NPRHA
All-American Railroad, The	Morgan, David P.	Trains	1985	Tribute, with long preamble, to NP, with capsule history, praise for passenger service, and basic locomotive information. 18 pictures. Keyword: history.	Article	46	2	28	9	Kalmbach, Milwaukee, WI
Photograph NP 5120	Nixon, Ronald V.	Mainstreeter	1985	Extra 5120 in Rocky Canyon near Chestnut,, Montana, dated 7-14-41, Class Z-6, 4-6-6-4, Challenger. Keywords: Class Z-6, Challenger, 4-6-6-4	Photo	04	3	1	1	NPRHA
Z-6 Challengers	Barry, John W.	Mainstreeter	1985	History of Class Z-6 4-6-6-4 locomotives, assignments, roster, diagrams of locomotive and tender, photographs. Keywords: Class Z-6, Challenger, 4-6-6-4, diagrams, roster, assignments	Article	04	3	2	8	NPRHA
My First Trip on a Z-6	Farrow, Albert E.	Mainstreeter	1985	Story of Al Farrow firing a Z-6 from Easton to Yakima, with additional comments on Z-6 engines.	Article	04	3	6	2	NPRHA
Diagram, Class Z-6 No. 5100 to 5120	Northern Pacific Railway	Mainstreeter	1985	Equipment diagram, Class Z-6, 4-6-6-4,	Drawing	04	3	8	1	NPRHA
Diagram, Tender Class 2-F-1 to 2-F-2 for locomotive Class Z-6	Northern Pacific Railway	Mainstreeter	1985	Diagram of tenders for Class Z-6, A2 and A-3 locomotives. Tender Class 2-F-1 and 2-F-2. Keywords: 4-6-6-4, 4-8-4, Challenger	Drawing	04	3	10	1	NPRHA
Drawings of Auburn depot	Not identified	Mainstreeter	1985	Plans for Auburn, WA depot dated Dec. 29, 1900. Elevations, but no floor plan. Keywords: Auburn, depot, drawings	Drawing	04	3	9	2	NPRHA
Painting & Lettering diagram for engine and tender	Barry, John; Schrenk, Lorenz	Mainstreeter	1985	Pianting & Lettering diagram for Cab Style 1 (Class A-2, A-3, Z-6) and Tank Style 3 (Class Z-6), dated Dec 18, 1939. Keywords: lettering, diagram, cab, tender, tank.	Drawing	04	3	10-11	2	NPRHA
40' 6" plug door box car	Northern Pacific Railway	Mainstreeter	1985	Diagram for series 3000-3399 boxcars, built 1960 by Pullman-Standard, with 6-ft sliding door and 8-ft plug door. Keywords: boxcar, diagram	Drawing	04	3	13	1	NPRHA
Editorial	Barry, John W.	Mainstreeter	1985	Recap of first NPRHA convention at Minneapolis, status of membership, pending models from W&R	Column	04	3	17	3	NPRHA
Photograph of Scale House in Bozeman	Cone, Rufus L.	Mainstreeter	1985	Photograph of Bozeman,, Montana scale house to go with drawing in V4 No 2. Keywords: scale house, Bozeman	Photo	04	3	19	1	NPRHA
NP 5107	Not identified	Mainstreeter	1985	Front end, Northern Pacific 5107, left side, showing air pumps and white lining on wheels, running boards. Keywords: Class Z-6, Challenger, 4-6-6-4. Paint	Photo	04	3	20	1	NPRHA
Front end of NP 155	Not identified	Mainstreeter	1985	Front (B-end) of Alco RS-1 diesel locomotive, date and location unknown. Keywords: RS-1, diesel, locomotive	Photo	04	4	1	1	NPRHA

MOW boxcar and diagram of 40-foot wood box car	Leach, Rick W.	Mainstreeter	1985	Photograph of 40-ft boxcar 20738? Converted to MOW, and associated diagram for 40-ft box car, 80,000 lbs capacity, Nos. 192000-19799, 24000-25199, 26000-29999, and 41000-48799, truss rods, round roof. General Plan Drawing 17394. Keywords: box car, truss rod, round roof, diagram	Photo	04	4	2	1	NPRHA
The RS-1 on the Northern Pacific	Schrenk, Lorenz P.; Egan, Patrick; Nixon, Ronald V.	Mainstreeter	1985	History of Alco RS-1 diesel switcher locomotives, roster with renumbering, diagram, photographs. Keywords: Alco, RS-1, switcher, diesel, diagram, roster, renumbering	Article	04	4	3	5	NPRHA
Equipment Diagram, Class RS-1 Alco Diesel	Northern Pacific Railway	Mainstreeter	1985	Equipment diagram of ALCO class RS-1 diesel, Northern Pacific 800-802, diagram 33. Keywords: diesel, diagram, RS-1	Drawing	04	4	4	1	NPRHA
Drawing of Freight House at Little Falls, Minn.	Northern Pacific Railway	Mainstreeter	1985	Drawings of the freight house in Little Falls, MN dated 15 Sept 1899. Keywords: freight house, Little Falls, drawings	Drawing	04	4	6	3	NPRHA
Painting & Lettering diagram for Road Switchers	Tellinghaussen, Mike	Mainstreeter	1985	Painting and lettering diagram for road switchers dated Dec 28, 1944, showing application of Scotchlite tape. Gives Dupont and Lucite paint descriptions. Keywords: Diesel, switcher, painting diagram, paint, scotchlite.	Drawing	04	4	8-9	2	NPRHA
Editorial	Barry, John W.	Mainstreeter	1985	Describes contributors, cash status of organization, plans for next convention	Column	04	4	12	3	NPRHA
Photograph of boxcar and diagram of 40-foot wood box car	Barry, John W.	Mainstreeter	1985	Photograph of boxcar Northern Pacific 47004, diagram for Nos. 39500-40999 and 21500-23999, truss rod, round roof boxcars. Keywords: boxcar, diagram, truss rod, round roof,	Photo	04	4	15	1	NPRHA
Other end of NP 155	Not identified	Mainstreeter	1985	A-end of Alco RS-1 diesel locomotive, date and location unknown. Keywords: RS-1, diesel, locomotive	Photo	04	4	16	1	NPRHA
Rolling Mud Fence, The	King, E. W. Jr.	Trains	1985	A nomination of the ugliest steam locomotives, with pictures. The Northern Pacific A makes the list. 2 pictures. Keyword: Class A, Northern, 4-8-4	Article	45	4	29	7	Kalmbach, Milwaukee, WI
The Great Yellow Fleet: A History of American Railroad Refrigerator Cars	White, John H.	Book	1986	History of refrigerator cars on many railroads, including 1800-series Northern Pacific wood express reefers, comment on Banana traffic in Seattle. Keywords: refrigerator car, reefer, banana, operations	Book					Golden West Books, San Marino, CA
Gas Electric B-3 (Photo)	Not identified	Mainstreeter	1986	Photo of Gas Electric Car B-3 (date and location not identified). Keywords: Gas Electric, B-3, EMC	Photo	05	1	1	1	NPRHA
NP 5006	Not identified	Mainstreeter	1986	Photo of Class Z-5 Yellowstone 2-8-8-4 Northern Pacific 5006, overhead view. Keywords: 2-8-8-4, Class Z-5, Yellowstone, steam engine	Photo	05	1	2	1	NPRHA
NP6700-C (Photo)	Not identified	Mainstreeter	1986	Photo of F-9A diesel locomotive 6700-C in Loewy color scheme	Photo	05	1	4	1	NPRHA
NP's Gas electrics	Schrenk, Lorenz P.	Mainstreeter	1986	History of Gas Electric cars, roster, diagrams, assignments in 1935, numerous Photos. Keywords: Gas Electric car, doodlebug, diagram, roster, assignments, Mack, Brill, EMC, McKeen, White.	Article	05	1	5	12	NPRHA
NP Railways 1600-series baggage cars	Miller, Richard	Mainstreeter	1986	Scale drawings of Northern Pacific 1600-series baggage cars rebuilt from Pullman Company Tourist Sleepers, 1948, HO scale drawing. Keywords: Baggage Car, NP, rebuild, drawing, HO scale	Drawing	05	1	14	2	NPRHA
Gas Electric Outings Recalled; Letter Thanked the NP for its Hospitality	Harr, Orin B.	Mainstreeter	1986	Letter to W. C. Smith from Orin B. Harr describing pleasant trip in 1955 on Gas Electric Car B-3 from Olympia to Hoquiam and back. Engineer was Max King, Conductor was F. D. Hodges. From Jim Fredrickson collection. Keywords: Gas Electric, B-23, Hoquiam,	Column	05	1	19	1	NPRHA
Gas Electric Outings Recalled; B-21 Served the Fargo Southwestern	Durr, Duane	Mainstreeter	1986	Describes Gas Electric operations on the Fargo Southwestern branch from Fargo to Streeter. Paint scheme for interior of B-21. Keywords: Fargo Southwestern, Gas Electric, B-21, Paint	Article	05	1	19	1	NPRHA
Drawing of Roadmaster's Bungalow at Lester, WA	Northern Pacific Railway	Mainstreeter	1986	Drawings for Roadmaster's Bungalow at Lester, WA dated 1927. Includes 4 side elevations, floor plan, porch detail, window details, sketch map Lester roundhouse area showing location. Keywords: Roadmaster's Bungalow, Lester, drawings	Drawing	05	1	20	2	NPRHA
NP's Pullman-Born Baggage Cars	Barger, Ralph L.	Mainstreeter	1986	Roster and notes for baggage cars 1616-1640 rebuilt in 1948 from Pullman tourist sleepers. Keywords: baggage car, roster	Table	05	1	22	1	NPRHA
W&R Enterprises advertisement	McKown, William	Mainstreeter	1986	Advertisement by W&R Enterprises for auxiliary tenders, including Photos of prototypes, Fire Car 795, Water Car 323 (Tender Class 22E), Auxiliary Tenders Nos. 900-923 used behind W-3 and W-5 mikados. Keywords: auxiliary tender, fire car, water car, advertisement	Drawing	05	1	23	1	NPRHA

Modeling News	Egan, Patrick	Mainstreeter	1986	HO Scale - Cascade Models passenger cars, Oriental Limited passenger car North Coast Limited set, W&R heavyweight passenger coaches, W&R Z-4, PFM Z-3, PFM Z-5, Al Chione slide set X612R Northern Pacific diesel locomotives, Al Chione slide set C-318 Northern Pacific passenger cars.	Column	05	1	24	2	NPRHA
Reader's Corner	Egan, Patrick	Mainstreeter	1986	Beginning bibliography of 17 publications about the NP	Column	05	1	25	2	NPRHA
NP Ry Autoflag Highway Crossing Warning	Northern Pacific Railway	Mainstreeter	1986	Drawing of highway crossing warning device with wigwag located about 15 ft above road, undated. Keywords: wigwag, crossing signal, drawing	Drawing	05	1	26	1	NPRHA
NP Ry Highway Crossing Signal, Flashing Light and Revolving STOP sign, Griswold Type	Northern Pacific Railway	Mainstreeter	1986	Drawing of highway crossing warning device with flashing light and revolving stop sign, Griswold type. Keywords: crossing signal, flashing light, Griswold, rotating stop sign, drawing.	Drawing	05	1	26	1	NPRHA
NP 1361 Photo	Not identified	Mainstreeter	1986	Photo Northern Pacific 1361 Class S-4 ten wheeler, 4-6-0, ¾ view right side undated. Keywords: Class S-4, 4-6-0, ten wheeler, steam engine	Photo	05	1	27	1	NPRHA
NP 5123	Not identified	Mainstreeter	1986	Photo Northern Pacific 5123 Class Z-7, Challenger, 4-6-6-4, ¾ view left side, undated, pulling fruit special east of Missoula. Keywords: Class Z-7, 4-6-6-4, challenger, steam engine	Photo	05	1	28	1	NPRHA
Tale of Twin Cities, A	Glischinski, Steve	Trains	1986	Generic profile of Minneapolis-St. Paul area railroads, including Northern Pacific historically. Large map of metro area showing all lines, including past and present NP. Footnote provides origin of Skally line name. 2 Northern Pacific pictures. Keyword: Skally, Northern Pacific 328, Northtown, Minneapolis St. Paul, Jackson Street	Article	46	12	24	13	Kalmbach, Milwaukee, WI
NP 1368	Not identified	Mainstreeter	1986	Photo Northern Pacific 1368 pulling log special westbound at Kanaskat, WA in 1937. Keywords: Class S-4, ten wheeler, 4-6-0, steam locomotive	Photo	05	2	1	1	NPRHA
Pile Driver NP 28 Photo	Nixon, Ronald V.	Mainstreeter	1986	Photo of pile driver Northern Pacific 28 removing a Howe Truss span over the Bitter Root River between Missoula and Lola,, Montana. Keywords: pile driver, Howe Truss	Photo	05	2	2	1	NPRHA
NP 2187 Photo	Thompson, F. Barry	Mainstreeter	1986	Photo of Northern Pacific 2187 ascending Prairie Line at Pacific Avenue in Tacoma with Train 422 to Hoquiam, Hotel Savoy in background. Keywords: Class Q-4, Pacific, 4-6-2, steam locomotive, train 422, Tacoma	Photo	05	2	4	1	NPRHA
NP's Versatile S-4s	Barry, John W.	Mainstreeter	1986	History of Class S-4 4-6-0 ten wheelers, with Photos, diagram, Photo of each side in Vaulain Compound configuration. Keywords: Class S-4, ten wheeler, 4-6-0, diagram, Vaulain compound, roster.	Article	05	2	5	9	NPRHA
Passenger Coach drawing, plan 2417	Miller, Richard	Mainstreeter	1986	HO Scale drawing of Plan 2417 for heavyweight buffet, parlor, 24-seat, drawing room passenger car, rebuilt from Pullman cars. Keywords: passenger car, heavyweight, drawing, HO scale, buffet, parlor	Drawing	05	2	13	2	NPRHA
Passenger Coach drawing, plan 2416	Miller, Richard	Mainstreeter	1986	HO Scale drawing of Plan 2416 for heavyweight buffet, parlor, 26-seat, drawing room passenger car, rebuilt from Pullman cars. Keywords: passenger car, heavyweight, drawing, HO scale, buffet, parlor	Drawing	05	2	14	2	NPRHA
W&R Enterprises Advertisement	McKown, William	Mainstreeter	1986	Northern Pacific Reserved Seat Coach Nos. 1380 and 1381. Good Photo of prototype, brief history of coach. Keywords: HO Scale, Reserved Seat Coach	Column	05	2	18	1	NPRHA
Modeling news	Egan, Patrick	Mainstreeter	1986	HO Scale Ogle Coaling tower by Bob Brass	Column	05	2	19	1	NPRHA
NP 7014 at Blossburg	Nixon, Ronald V.	Mainstreeter	1986	Photo of Northern Pacific 7014 eastbound at Blossburg, pulling fruit special. Blossburg depot in background. Keywords: F-9, diesel, Blossburg, depot	Photo	05	2	20	1	NPRHA
NP 6008 at Bozeman picking up orders	Nixon, Ronald V.	Mainstreeter	1986	Photo of Northern Pacific 6008 picking up orders on fly at Bozeman,, Montana. Keywords: F-3, diesel, Bozeman, train orders.	Photo	05	2	20	1	NPRHA
Plan of Division Headquarter Building at Pasco, WA	Northern Pacific Railway	Mainstreeter	1986	Plan of Division Headquarters building in Pasco, dated Jan 23, 1906. Keywords: Pasco, plan, Division headquarters.	Drawing	05	2	21	1	NPRHA
The Bellingham Branch	Schrenk, Lorenz P.	Mainstreeter	1986	History of Bellingham Branch, which started with the Bellingham Bay and Eastern, and is today the Lake Whatcom Railway. Map, locomotive diagram, 4-wheel coal car diagram. Keywords: Bellingham, Lake Whatcom, map, Class C-32, 4-4-0, Class H-5, 2-4-0, diagram, coal car.	Article	05	2	22	4	NPRHA
NP 1721 in Roundhouse at Staples	Not identified	Mainstreeter	1986	Photo of Northern Pacific 1721 inside Staples, MN roundhouse. Keywords: 2-8-2, Mikado, Class W-3, Staples.	Photo	05	2	26	1	NPRHA

Icing Reefers at Pasco	Not identified	Mainstreeter	1986	Icing refrigerator cars at Pasco, showing Northern Pacific 90880 and men loading ice in top hatches. Keywords: Pasco, ice platform, refrigerator cars	Photo	05	2	27	1	NPRHA
NP 130 switching freight cars	Not identified	Mainstreeter	1986	Photo of Northern Pacific 130 (later renumbered Northern Pacific 652) switching cars at an unidentified location. Keywords: Baldwin, VO-660, diesel	Photo	05	2	28	1	NPRHA
NP 110 Baldwin diesel switcher	Not identified	Mainstreeter	1986	NP 110 (later Northern Pacific 401) Baldwin VO-1000 diesel switcher at Baldwin Locomotive Works, Eddystone, PA, 1941. Keywords: Baldwin, diesel, switcher, VO-1000	Photo	05	3	1	1	NPRHA
NP 1846 Photo of smokebox	Meyer, Bruce R.	Mainstreeter	1986	Photo of Northern Pacific 1846 Class W-5 mikado 2-8-2 showing smokebox-mounted air pumps and headlight., 1957. Keywords: Class W-5, 2-8-2, Mikado, steam locomotive, smokebox.	Photo	05	3	2	1	NPRHA
NP 2385 Photo	Quinn, J. R.	Mainstreeter	1986	Photo of Northern Pacific 2385 Class T Prairie 2-6-2, ¾ view right side, 1955. Keywords: Class T, Prairie, 2-6-2, steam locomotive.	Photo	05	3	4	1	NPRHA
1986 NP Convention News	Barry, John W.	Mainstreeter	1986	Highlights of 1986 convention in Tacoma with Photo of attendees in front of west side of Lester Depot.. Keywords: Convention, Lester	Column	05	3	5	2	NPRHA
The Pullman-NP Association; Extracts from A Century of Pullman Cars	Barger, Ralph L.	Mainstreeter	1986	Brief history of the Pullman-Northern Pacific Association 1881-1917, covers wood 10-section drawing room smoking room sleepers and subsequent modifications, diagrams, roster, Photo of Spokane; with narrow vestibules, Keywords: Pullman, sleeper, parlor car, diagram, narrow vestibule, roster.	Article	05	3	7	3	NPRHA
Cab fittings, location of drinking water cooler	Northern Pacific Railway	Mainstreeter	1986	Drawing of cab interior for Baldwin switchers, showing seat and equipment arrangement. Keywords: drawing, Baldwin, diesel, switcher, cab interior	Drawing	05	3	10	1	NPRHA
Baldwin Switchers on the NP	Angle, Don	Mainstreeter	1986	History of Baldwin VO-660 and VO-1000 diesel switchers on NP, including diagrams, roster, assignments, table of weights to be stenciled on locomotives, Lettering, numbering and painting diagram, showing Baldwin switch engine. Keywords: diesel, switcher, Baldwin, VO-660, VO-1000, diagram, roster, assignments, lettering, numbering, painting.	Article	05	3	11	10	NPRHA
Highway Crossing Board with Illuminated Sign Combination Depot at Forsyth, Montana	Northern Pacific Railway	Mainstreeter	1986	Drawing of Highway crossing sign with illuminated sign, dated 1920. Keywords: highway crossing sign, drawing, illuminated, flasher.	Drawing	05	3	21	1	NPRHA
	Northern Pacific Railway	Mainstreeter	1986	Standard Plan depot very similar to 1890 standard plan for 1st Class Combination depot.. This plan likely predates 1890 plan, and has slightly fancier ornamentation with different baggage door arrangement. Similar to AMB kit. Keywords: depot, First Class, 1st Class combination depot, standard plan, Forsyth	Drawing	05	3	22	2	NPRHA
Photo of NP 413	Yanosey, Robert	Mainstreeter	1986	Photo of VO-1000 NP-413 formerly Northern Pacific 160. Keywords: diesel VO-1000 Baldwin	Photo	05	3	25	1	NPRHA
Photo of NP 427	Johnston, Robert W.	Mainstreeter	1986	Photo of VO-1000 Northern Pacific 427 formerly Northern Pacific 174. Keywords: diesel VO-1000 Baldwin	Photo	05	3	26	1	NPRHA
Modeler's Corner	Egan, Patrick	Mainstreeter	1986	HO Scale: Richard Yaremko decals for Big Pig Palace stock cars, Central Valley Models stock car, Northern Pacific commonwealth pilots, Atlas S-2, Front Range 40-ft boxcar.	Column	05	3	26	1	NPRHA
Photo of Brainerd Shops	Not identified	Mainstreeter	1986	Photo of Brainerd shops from the Administration Building	Photo	05	3	27	1	NPRHA
Photo of NP 666	Not identified	Mainstreeter	1986	Photo of Northern Pacific 666 Class B 4-4-0 at Brainerd, formerly Northern Pacific 419, formerly Class N. Keywords: Class B, Class N, American Standard, 4-4-0.	Photo	05	3	28	1	NPRHA
Painting and Lettering Diagram for NP Baldwin Switchers NP 1713	Northern Pacific Railway	Mainstreeter	1986	Painting & Lettering diagram for Northern Pacific Baldwin VO-660 and VO-1000 diesel switchers.	Drawing	05	3	14		
	Not identified	Mainstreeter	1986	NP 1713 pulling freight train, undated. Keywords: Class W-3, Mikado, 2-8-2.	Photo	05	4	1	1	NPRHA
Gas electric B-13	Quinn, J. R. Collection	Mainstreeter	1986	B-13 at Garrison,, Montana on 8-10-52. Keywords: B-13, gas-electric	Photo	05	4	2	1	NPRHA
1987 NP Convention News	Durr, Duane	Mainstreeter	1986	Information about upcoming convention in Fargo	Column	05	4	5	2	NPRHA
Raymond Loewy and his influence on the NP	Schrenk, Lorenz P.	Mainstreeter	1986	History of Loewy's involvement with redesign of the North Coast Limited in the early 1950s. Describes exterior and interior decorating changes, addition of new cars, including domes, Traveler's rest and parlor-bar-lounge cars for Seattle-Portland pool service. Keywords: Loewy, paint, interior decorating, vista-dome, traveller's rest, parlor-bar-lounge, passenger cars.	Article	05	4	7	3	NPRHA

Baldwin VO Switchers Revisited	Sandrin, Jim	Mainstreeter	1986	Roster with disposition for VO-660 and VO-1000 diesel locomotives, with photo of Northern Pacific 427 after conversion to ET-2 slug for use at Pasco hump yard. Keywords: diesel, Baldwin, VO-660, VO-1000, ET-2, roster	Drawing	05	4	10	1	NPRHA
Drawing of Sumner, Washington Depot	Northern Pacific Railway	Mainstreeter	1986	Drawings of Sumner, Washington depot, including Photos, dated Sept 17 1912. Keywords: drawings, depot, Sumner WA.	Drawing	05	4	11	3	NPRHA
Painting & Lettering diagrams, gas-electric motor cars	Northern Pacific Railway	Mainstreeter	1986	Painting & Lettering diagram for gas-electric motor cars showing the stenciling, dated 1930. Keywords: gas-electric, stenciling, painting, diagram	Drawing	05	4	14	2	NPRHA
Postwar Freight Cars at Brainerd	Cone, Rufus L.	Mainstreeter	1986	Summary of 40 ft 6 in boxcars built during and after WWII, particularly those built at Brainerd shops. Includes roster of 40 ft 6 in boxcars built 1940 to 1953 at Brainerd and elsewhere. Keywords: Boxcar, Brainerd	Article	05	4	16	3	NPRHA
Brainerd, Minnesota; Early Hub of the NP	Thorsett, Eugene	Mainstreeter	1986	History of Brainerd facilities, both as a railroad operations center and shops for cars and locomotives. Keywords: Brainerd MN, car shops, locomotive shops, hospital, tie treating plant, immigrant reception facility, Minnesota & International.	Article	05	4	18	2	NPRHA
10 Years of Freight Equipment Built at Brainerd	Wildung, Gary; Suter, Gene; Cone, Rufus L.	Mainstreeter	1986	Roster, diagrams and Photos of freight cars constructed at Brainerd from 1947 to 1957. Keywords: Brainerd MN, car shops, diagrams, roster, boxcar, flat car, gondola, ore car	Article	05	4	20	5	NPRHA
The Modeler's Corner	Egan, Patrick	Mainstreeter	1986	HO Scale: Cary Locomotive Works GP-9, Frontrange GP-9, Oriental Limited steel cabooses 1100 series, W&R arch window coach, Cascade arch window diner, Overland U-28C, Overland U-33C,	Column	05	4	25	2	NPRHA
The Modeler's Corner	Egan, Patrick	Mainstreeter	1986	Painting, steam locomotives, diesel freight locomotives, diesel passenger locomotives, Pine Tree. Keywords: Paint, steam, diesel, freight , passenger, Floquil, Scalecoat, Accu-Paint, Pine tree.	Drawing	05	4	25	2	NPRHA
News on the NP	Barry, John W.	Mainstreeter	1986	Equipment sitings, Little, Falls, MN depot	Column	05	4	26	1	NPRHA
NP 2160	Not identified	Mainstreeter	1986	Class Q-3 Northern Pacific 2160, left side, dated June 1948.	Photo	05	4	27	1	NPRHA
NP 1794	Meyer, Bruce R.	Mainstreeter	1986	Rear cover photo of rear end of tender, Northern Pacific 1794 Class W-3 Mikado 2-8-2. Photo shows doghouse and rear of tender details, water standpipe, dated June 1, 1957 at Duluth. Keywords: Class W-3, Mikado, 2-8-2, tender, doghouse	Photo	05	4	28	1	NPRHA
NP 2216 Class Q-4 Pacific at Auburn with Tacoma Connection	Farrow, Albert E.	Mainstreeter	1987	Photograph of Northern Pacific 2216 Class Q-4 departing Auburn, WA with the 3-car Tacoma connection train, July 6, 1953. Keywords: Class Q-4, Pacific, steam locomotive, Auburn, Tacoma connection.	Photo	06	1	1	1	NPRHA
Extra 229 East picking up orders at Superior, Montana	Nixon, Ronald V.	Mainstreeter	1987	Photograph of Northern Pacific Extra 229 East picking up orders on fly from Superior,, Montana depot on July 1, 1960. Northern Pacific 229, diesel, GP-9. Keywords: GP-9, Superior, Montana, train orders	Photo	06	1	2	1	NPRHA
From the Editor	Barry, John W.	Mainstreeter	1987	Society news	Column	06	1	4	2	NPRHA
NP 2170 taking coal at Paradise, Montana	Not identified	Mainstreeter	1987	Photograph of Northern Pacific 2170 taking coal from steel coaling tower at Paradise,, Montana on August 11, 1943. Keywords: Paradise, Montana, coal tower, Class Q-4, Pacific, 4-6-2	Photo	06	1	4	1	NPRHA
Q Didn't Stand for Quitter	Tarbox, Gary L.	Mainstreeter	1987	Historical overview of Class Q through Q-4 Pacific 4-6-2 steam locomotives with photographs of Q-3 and Q-4 engines. Keywords: Class Q, Class Q-1, Class Q-2, Class Q-3, Class Q-4, Pacific, 4-6-2, steam locomotive.	Article	06	1	5	4	NPRHA
Al Farrow's "Q" Recollections	Farrow, Albert E.	Mainstreeter	1987	Recollections of Class Q-4 Pacifics around Auburn, WA and Stampede Pass by Al Farrow, fireman and engineer. Keywords: Farrow, Class Q-4, Pacific, Auburn WA, Stampede Pass, Lester WA.	Article	06	1	8	3	NPRHA
Don Angle's "Q" Recollections	Angle, Don; Tarbox, Gary	Mainstreeter	1987	Recollections of Class Q-4 Pacifics around western Montana by Don Angle, fireman and engineer. Includes information from Ron Nixon, details about throttle and brake handling. Keywords: Angle, Nixon, Class Q-4, Pacific, Montana, Livingston, Montana, Butte, Montana	Article	06	1	10	3	NPRHA
Plan of Combination Depot, Sartell, MN	Aust, Dennis, redrawn by	Mainstreeter	1987	Plan of Sartell, MN brick depot dated 1915, with elevations for track side and back side of depot on page 13, ends on page 16. Keywords: brick depot, plan, Sartell MN	Drawing	06	1	13	2	NPRHA
Lettering Diagram for Early Steam Locomotives	Aust, Dennis, redrawn by	Mainstreeter	1987	Lettering diagram for pre-1948 locomotive and tender, undated, using Class Q-6 as example.	Drawing	06	1	14	2	NPRHA

Diagram, Class Q-3 Locomotive and Class 10E tender,	Aust, Dennis, redrawn by	Mainstreeter	1987	Diagram for Class Q-3 Pacific 4-6-2 locomotive and Class 10E tender, Baldwin, 1909. Keywords: Diagram, Class Q-3, Pacific, 4-6-2, steam locomotive, Class 10 E tender	Drawing	06	1	14	1	NPRHA
Diagram, Class Q-4 Locomotive and tender	Aust, Dennis, redrawn by	Mainstreeter	1987	Diagram for Class Q-4 Pacific 4-6-2 locomotive and tender (class not given), Alco Schenectedy, 1910. Keywords: Diagram, Class Q-4, Pacific, 4-6-2, steam locomotive, tender	Drawing	06	1	15	1	NPRHA
Roster for Class Q-3 locomotives	Tarbox, Gary L.	Mainstreeter	1987	Roster for Northern Pacific 2148-2170 with builder, Const. No., date, disposition. Keywords: roster, Class Q-3, Pacific, 4-6-2	Table	06	1	17	1	NPRHA
NP 2194 at coal dock	Not identified	Mainstreeter	1987	NP 2194 parked at the timber coal dock in Tacoma. Keywords: Class Q-4, Pacific, 4-6-2, coal dock	Photo	06	1	17	1	NPRHA
Roster for Class Q-4 locomotives	Tarbox, Gary L.	Mainstreeter	1987	Roster for Northern Pacific 2177-2223 with builder, Const. No., date, disposition. Keywords: roster, Class Q-3, Pacific, 4-6-2	Table	06	1	18	1	NPRHA
Distribution for Class Q-3 and Q-4 locomotives	Tarbox, Gary L.	Mainstreeter	1987	Distribution of Class Q-3 and Class Q-4 locomotives by Division in 7/25, 4/39, 5/50, and 11/57, and final disposition. Keywords: distribution, division, disposition, Class Q-3, Class Q-4, Pacific, 4-6-2, steam locomotive	Table	06	1	19	2	NPRHA
Builder's Photograph of NP 2150 Class Q-3	Baldwin Locomotive Works	Mainstreeter	1987	Builder's photo of Class Q-3 Pacific steam locomotive, with wooden pilot and high-mounted headlight, Northern Pacific 2150, March 1909. Keywords: builder's photograph, Class Q-3, Pacific, 4-6-2, steam locomotive.	Photo	06	1	20	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1987	Weaver O-scale RS-3 with information about RS-3 details; Pinetree paint scheme; HO-scale Front Range 40-foot single-8-foot-door box car Northern Pacific numbers; HO-scale Walther's double airslide covered hopper Northern Pacific numbers; announcement for W&R HO-scale express reefer, Class Y-2 2-8-0, Class G-2 0-8-0; announcement for Shoreham Shops heavyweight North Coast Limited.	Column	06	1	21	1	NPRHA
Arch Window Coaches on the NP	Barger, Ralph L.	Mainstreeter	1987	Roster for Northern Pacific deluxe coaches Northern Pacific 1350-1379, rebuilt in 1935-1938 from Pullman coach smokers built in 1915, undated.	Table	06	1	22	2	NPRHA
Diagram, Deluxe Coaches 1350-1359	Aust, Dennis, redrawn by	Mainstreeter	1987	Diagram of Deluxe Coaches 1350-1359	Drawing	06	1	23	1	NPRHA
Diagram, Deluxe Coaches 1360-1366	Aust, Dennis, redrawn by	Mainstreeter	1987	Diagram of Deluxe Coaches 1360-1366 with notations on coach smokers that were rebuilt into this class, undated.	Drawing	06	1	23	1	NPRHA
Plans for NP Lunch Building, Spokane, WA	Aust, Dennis, redrawn by	Mainstreeter	1987	Floor plans and elevations of all four sides for Northern Pacific brick Lunch Building at Spokane, WA, dated 1902, showing present occupancy of spaces. Keywords: Spokane WA, lunch building, plans.	Drawing	06	1	24	2	NPRHA
Diagram, Refrigerator Car, RBL with photographs	Aust, Dennis, redrawn by	Mainstreeter	1987	Diagram for 100000 lb capacity refrigerator cars, Northern Pacific 98500-98549 built 1958. Actually 40-foot insulated box cars. Photographs of Northern Pacific 98500 and interior dividers. Keywords: refrigerator car, insulated box car, diagram	Drawing	06	1	26	1	NPRHA
Photograph or NP 82985 having truck replaced	Not identified	Mainstreeter	1987	Inside rear cover photo of stock car 82985 having truck replaced at Mandan ND, with Mandan depot in background. Keywords: stock car, truck, Mandan ND	Photo	06	1	27	1	NPRHA
Photograph of Train 3 crossing Spokane River bridge at Wilbur, WA	Nixon, Ronald V.	Mainstreeter	1987	Photograph of Train 3, The Alaskan, detouring on the Washington Central Branch, crossing Spokane River bridge at Wilbur WA in 1950. Train has F-units in pinetree passenger paint and train of mixed pinetree and Pullman green cars. Keywords: Pinetree, Train 3, Alaskan, Wilbur WA, Spokane River bridge.	Photo	06	1	28	1	NPRHA
Photograph of NP 6008 pulling stock car special past oil rig at Fryburg ND	Nixon, Ronald V.	Mainstreeter	1987	Photograph of Northern Pacific 6008, FT diesel, pulling stock cars past steel oil derrick at Fryburg ND. Keywords: Stock car, FT, diesel, oil derrick, Williston Basin, Fryburg ND.	Photo	06	2	1	1	NPRHA
Photograph of front end of NP 5002	Baldwin Locomotive Works	Mainstreeter	1987	Inside front cover, Baldwin builder's photograph of Northern Pacific 5002, smokebox of Class Z-5 Yellowstone 2-8-8-4 steam locomotive, showing air pumps and bell mounted on smokebox; sandbox and headlight mounted on pilot. Keywords: builder's photo, Class Z-5, Yellowstone, 2-8-8-4, steam locomotive.	Photo	06	2	2	1	NPRHA
Editorial	Barry, John W.	Mainstreeter	1987	Society news	Column	06	2	4	1	NPRHA

Photograph of NP 5144 pulling train of welded rail	Nixon, Ronald V.	Mainstreeter	1987	Photograph of Northern Pacific 5144, Class Z-8, 4-6-6-4, steam locomotive pulling train of welded rail past Kootenai, ID depot in 1953. Keywords: Class Z-7, 4-6-6-4, Challenger, Kootenai ID.	Photo	06	2	4	1	NPRHA
Hauling Stock on the NP	Cone, Rufus L.	Mainstreeter	1987	History of livestock shipping operations and facilities, advertising, shipping charges, car supply and utilization,	Article	06	2	5	8	NPRHA
Photograph of NP 406 and early stock car	Not identified	Mainstreeter	1987	Photograph dated 1885 of Northern Pacific 306 (first Northern Pacific 15) 4-4-0 American Standard, Baldwin 2635 built 1871. Locomotive first used at Kalama in 1872. Photo of Northern Pacific 15020 stock car. Keywords: 4-4-0, American, stock car,	Photo	06	2	12	1	NPRHA
Photograph of stock pens	Cone, Rufus L.	Mainstreeter	1987	Photograph of stock pens, April 1887, at Townsend, Montana.Keywords: stock pens, Townsend, Montana	Photo	06	2	13	1	NPRHA
Standard plan for stock pens	Northern Pacific Railway	Mainstreeter	1987	Standard Plans for stock pens; one, two and four pen yards dated 1932, and for detail of unloading chute dated 1914. Keywords: stock pen, unloading chute, drawing, plan	Drawing	06	2	14	2	NPRHA
The NP's Stock Cars	Cone, Rufus L.	Mainstreeter	1987	History of Northern Pacific stock cars, including wood cars, Ryan Car Co. cars, Pig Palace cars, drover's cars, rosters and specifications. Keywords: stock car, Ryan, Pig Palace, drover's car	Article	06	2	16	6	NPRHA
Diagram, 40-ft 6-in stock car	Northern Pacific Railway	Mainstreeter	1987	Diagram of 40-ft 6-in stock car, series 83750-83999, Capacity 80000 lb, built by Whipple Car Co, 1913	Drawing	06	2	22	1	NPRHA
Lettering diagram, NP stock car	Aust, Dennis, redrawn by	Mainstreeter	1987	Lettering diagram for Northern Pacific wooden stock car	Drawing	06	2	22	1	NPRHA
Diagram, 40-ft 6-in stock car	Northern Pacific Railway	Mainstreeter	1987	Diagram of 40-ft 6-in stock car, series 83250-83499, capacity 8000 lb, built Ryan Car Co 1930	Drawing	06	2	22	1	NPRHA
Roster of Northern Pacific stock cars in service	Cone, Rufus L.	Mainstreeter	1987	Roster of Northern Pacific Stock Cars in Service, giving, diagram, car number, date built, and numbers in service on March 1940, April 1951 July 1963, January 1964, and October 1968, with footnotes. Keywords: stock car, roster, dates	Drawing	06	2	23	1	NPRHA
Early NOP Stock Car Ownership	McKenzie, William	Mainstreeter	1987	Table of Northern Pacific stock car ownership by year from 1878 to 1904	Table	06	2	23	1	NPRHA
Specifications of Modern NP Stock Cars	Cone, Rufus L.	Mainstreeter	1987	Table of specifications for stock cars built from 1903 to 1966, including cars built by Mather, Northern Pacific Railway, General American Car Co., Whipple Car Co., Ortner, and Standard Steel Car Co. Keywords: stock car, roster, specifications	Table	06	2	24	1	NPRHA
Specifications of Early Northern Pacific Stock Cars from the 1908 Freight Equipment Book	Cone, Rufus L.	Mainstreeter	1987	Table of specifications for stock cars built from 1880 to 1908 and in service in 1908, compiled from 1908 Freight Equipment Book. Keywords: stock car, roster, specifications	Table	06	2	24	1	NPRHA
Photograph of NP 83260	Northern Pacific Railway	Mainstreeter	1987	Photograph of Northern Pacific 83260, showing "A" end. Keywords: stock car	Photo	06	2	25	1	NPRHA
NP 83804, truss rod stock car	Not identified	Mainstreeter	1987	Photograph of Northern Pacific 83804, a truss rod car built in 1913 by Whipple Car Co., at Jackson, MS in 1947 Keywords: stock car, Whipple	Photo	06	2	25	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1987	Timber loading ramp in May 1987 Mainline Modeler; typical Northern Pacific wooden stations as shown in Trainshed Cyclopedia; Northern Pacific semaphores, Painting the Steward Baldwin DRS-6-6-15 in August 1987 Model Railroader; steel round-roofed box cars in recent Model Railroader, W&R will be importing fire car 795, water car 323, auxiliary enders; limited run Northern Pacific box cars produced by Jeff Sauer from Front Range kits.	Column	06	2	26	1	NPRHA
Photograph of NP 6505 and NP 6007	Nixon, Ronald V.	Mainstreeter	1987	Photograph of F-3 Northern Pacific 6505 in Passenger Pine Tree scheme next to FT Northern Pacific 6007 in Freight Pine Tree scheme. Keywords: F-3, FT, Pine Tree	Photo	06	2	27	1	NPRHA
Photograph of North Coast Limited in hills of Montana	Nixon, Ronald V.	Mainstreeter	1987	Photograph of North Coast Limited in hills of Montana, painted in Loewy scheme. Keywords: North Coast Limited, Montana, Loewy	Photo	06	2	28	1	NPRHA
No. 4, Alaskan	Nixon, Ronald V.	Mainstreeter	1987	No. 4, Alaskan, E Bound, Martin, WA, 1951, 2nd 6503C, F5A with train, keywords: No 4, Alaskan, Martin, WA	Photo	06	3	1	1	NPRHA
F9 6700	Nixon, Ronald V.	Mainstreeter	1987	F9 6700, three unit consist, keywords: F9, 6700	Photo	06	3	2	1	NPRHA
From the Editor	Barry, John W.	Mainstreeter	1987	News about upcoming NPRHA events and people	Column	06	3	4	1	NPRHA

The NP's Passenger F-Units	Barry, John; Sandrin, J; Angle, Donald	Mainstreeter	1987	History of the Northern Pacific passenger F-units inc. F-3, F-5, F-7, FP7 and F-9's w/ photos 6502, EMD F-3 demo 754, 6507, Pasco,WA, 6509C w/ train @ Livingston,, Montana, 6509B as BN9775, 6703A w/train @Prosser, WA, 6511C and 6500, F-3 Seattle, WA, keywords: NP, F-units, passenger	Article	06	3	5	6	NPRHA
Spotting NP Freight Cars in Service - 1987	Cone, Rufus L.	Mainstreeter	1987	A description of the Northern Pacific freight cars still in service in 1987, key words: NP, freight cars	Column	06	3	11	1	NPRHA
A Freight Cars Journal Monograph on Covered Hoppers by ACF	Egan, Patrick	Mainstreeter	1987	Announcement of a book "A History of the American Car Foundry Center Flow"; E A Neubauer, Freight Cars Journal, covers Northern Pacific as well as other roads, keywords: ACF, center flow	Column	06	3	12	1	NPRHA
NP 73010 Coal Hopper Pullman-Standard photo	Schweizer, Russell	Mainstreeter	1987	Photo of Northern Pacific 73010 P-S Coal Hopper, keywords: Coal Hopper, Pullman-Standard	Photo	06	3	12	1	NPRHA
A Locomotive on the Rampage	Cone, Rufus L.	Mainstreeter	1987	Short article on Northern Pacific 171 'hog' which ended up the Livingston,, Montana turntable pit: Keywords: Northern Pacific 171, hog, Livingston	Column	06	3	12	1	NPRHA
Painting & Lettering Diagram, Pine Tree & Lowey NP Passenger F-units	Aust, Dennis, redrawn by	Mainstreeter	1987	Drawing of paint schemes for Northern Pacific passenger F-units in the Pine Tree and Lowey colors, Keywords: passenger, F-units, Pine Tree, Lowey	Drawing	06	3	13	3	NPRHA
Building the Modern Bozeman Tunnel	Cone, Rufus L.; McGee, Warren R.	Mainstreeter	1987	Article with photos and drawings of building the modern Bozeman tunnel, inc. a brief history of the original tunnel, keywords: Bozeman, tunnel	Article	06	3	16	5	NPRHA
Roster of NP Passenger F-units	Schrenk, Lorenz P.	Mainstreeter	1987	Roster of Northern Pacific passenger F-3, F-5, F-7, FP-7 and F-9 locomotives, keywords: passenger F-units	Table	06	3	21	3	NPRHA
Association News	Barry, John W.	Mainstreeter	1987	News of the 1987 Fargo convention, keywords: Fargo, convention	Column	06	3	24	1	NPRHA
The Fargo Convention	Egan, Patrick	Mainstreeter	1987	Letter about the 1987 Fargo convention, keywords: Fargo, convention	Column	06	3	24	1	NPRHA
New Products	Egan, Patrick	Mainstreeter	1987	W&R announced GE 44-ton switcher, Overland O-Scale Northern Pacific A-4 & A-5, Hallmark N-scale FP-7, NWSL The Pacific Northwest Railroads of McGee and Nixon, R Green, Golden West, Diesel Era, Schrenk and Frey, Keywords: 44-ton, A-4, A-5, FP-7, books	Column	06	3	25	1	NPRHA
Update on Mather-North American Car Stock Cars	Egan, Patrick	Mainstreeter	1987	Reference to Mainline Modeler 9-87 issue and Model Railroading 11-87 with drawings and photos, keywords: Mather stock	Column	06	3	25	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1987	W&R auxiliary tenders, Brass Car Sides for Northern Pacific Budd Diner, keywords: auxiliary tenders, passenger car sides	Column	06	3	25	1	NPRHA
Plan of Passenger Station At Bald Eagle, Minnesota	Northern Pacific Railway	Mainstreeter	1987	NPRY drawing of Train Bulletin Board at Bald Eagle, MN, passenger depot., keywords: Bald Eagle, Mn, passenger	Drawing	06	3	26	1	NPRHA
NP caboose 1641	Not identified	Mainstreeter	1987	NP caboose 1641 on read of mixed train, Black River, WA, 4-28-44, keywords: caboose, Black River, WA	Photo	06	3	27	1	NPRHA
F-7A after rebuild	Nixon, Ronald V.	Mainstreeter	1987	Photo F-7A after rebuild from ABB to ABA on NCL, DeSmet,, Montana, 1949, keywords: F-7, NCL, DeSmet,, Montana	Photo	06	3	28	1	NPRHA
Caboose 1256	Not identified	Mainstreeter	1987	NP Sumas train at Black River, WA, 1-16-48 with caboose 1256, brakeman tossing off order hoop	Photo	06	4	1	1	NPRHA
Z-5 w/ stock car train	Not identified	Mainstreeter	1987	Z-5 w/ stock car train, Dickinson, SD	Photo	06	4	2	1	NPRHA
From the Editor	Barry, John W.	Mainstreeter	1987	Views for the coming year, videos taped by G. Tarbox	Column	06	4	4		NPRHA
Wood Caboose of the Northern Pacific Railway	Cone, Rufus L.; McGee, Warren R.; Barry, John	Mainstreeter	1987	A history and operation of wooden cabooses on the NPRy, including plans and a list of preserved cabooses, Keywords: Wood caboose	Article	06	4	5	29	NPRHA
Spotting Northern Pacific Freight Cars in Service - 1987	Cone, Rufus L.	Mainstreeter	1987	A discussion of Northern Pacific freight cars still in service listing both Northern Pacific and BN numbers, Keywords: 1987, NP, freight cars	Column	06	4	11	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1987	A review of Northern Pacific passenger cars, modeling with Brass Car Sides and converting Rivarossi cars, Keywords: modeling, passenger cars, Brass Car Sides, Rivarossi	Column	06	4	30	1	NPRHA
Association News	Barry, John W.	Mainstreeter	1987	News of the 1987 NPRHA convention in Yakima, WA	Column	06	4	30	1	NPRHA
News Products	Egan, Patrick	Mainstreeter	1987	Gary Tarbox announced the latest NPRHA video, patches form House of Duddy, W&R Y-2 2-8-0 announced, 1913-1919 valuation reports of 900 railroads from R&LHS, Brass Car Sides, Champ Decals for Northern Pacific stock car, Railway Publication Classics V3 on NP, GN and SP&S passenger cars, Keywords: Tarbox, videos, Duddy, W&R Y-2, 1913-1919 valuation, Brass Car sides, Champ Decals, stock car, passenger cars	Column	06	4	31	1	NPRHA
New Railroad is Born	Barry, John W.	Mainstreeter	1987	Montana Rail Link (MRL) begins operation, Keyword: MRL	Column	06	4	31	1	NPRHA

Bozeman Pass Runaway	Barry, John W.	Mainstreeter	1987	MRL train runs away on Bozeman Pass, Keywords: MRL, Bozeman, run away	Column	06	4	31	1	NPRHA
Extra 4025 west	Nixon, Ronald V.	Mainstreeter	1987	Extra 4025 west leaving St. Regis,, Montana, 4-14-43, with 4025	Photo	06	4	31	1	NPRHA
Northern Pacific Railway Caboose Roster in 1942	Not identified	Mainstreeter	1987	Listing of Northern Pacific wood cabooses by number, builder, date and diagram #, includes photo of 1610, Everett, WA, 1968, Keywords: caboose, wood, diagram #	Table	06	4	32	3	NPRHA
2nd No. 2, NCL,	Not identified	Mainstreeter	1987	2nd No. 2, NCL, Miles City,, Montana, A-4 2673	Photo	06	4	32	1	NPRHA
Milwaukee trains 15 and 16 with electric power at NP Missoula station	Dodge, Bamford J.	Trains	1987	Double page spread of Milwaukee trains 15 and 16 with electric power at Northern Pacific Missoula station during detour in August, 1943. Keyword: Missoula	Photo	47	Aug	34	2	Kalmbach, Milwaukee, WI
Leslie Brothers and Their Giant Snowblower	Swanson, Paul	Trains	1987	History of the Leslie rotary snowplow, with roster and disposition data, including 13 Northern Pacific rotaries.1 Northern Pacific picture. Keyword: Rotary, snow, snowplow..	Article	47	Jan	26	14	Kalmbach, Milwaukee, WI
Burlington Northern's One Way Railway: Part 2	Kelly, Bruce	Trains	1987	Subtitle : First Sub Forever; Current BN situation of Pasco to Spokane Northern Pacific Railway route, including Pasco Yard and physical characteristics of line. Track profile, map, BN era pictures. Keywords: Pasco, Spokane, Marshall, Sprague, Ritzville, Lind.	Article	47	July	24	12	Kalmbach, Milwaukee, WI
In the Path of the North Coast Limited	Nelson, Eric G.	Trains	1987	Review of regional railroad Washington Central, operating Northern Pacific main from Pasco to Ellensburg and associated branches. Map. Keywords: Yakima, Ellensburg, Pasco, Toppenish, Hanford Works.	Article	48	Nov	40	5	Kalmbach, Milwaukee, WI
Photograph NP 4025	Turner, James A.	Mainstreeter	1988	Photograph of Northern Pacific 4025, Class Z-3 2-8-8-2 Mallet, pulling a string of reefers near Lester, dated July 24, 1937. Front cover. Keywords: Class Z-3, Mallet, 2-8-8-2	Photo	07	1	1	1	NPRHA
Photograph, panorama of Missoula	Nixon, Ronald V.	Mainstreeter	1988	Panoramic photograph of Missoula roundhouse and depot, dated 1954. Keywords: Missoula, depot, roundhouse	Photo	07	1	2	1	NPRHA
From the Editor	Barry, John W.	Mainstreeter	1988	Credits for people assisting with the NPRHA	Column	07	1	4	2	NPRHA
The Power of the Z-3's	Tarbox, Gary L.	Mainstreeter	1988	History of Class Z-3 2-8-8-2 locomotives, with operating patterns over Stampede Pass and extensive recollections by Al Farrow. Diagrams of 3 batches of locomotives and associated tenders, table of assignments from 1935 to 1958. Keywords: Class Z-3, 2-8-8-2, steam locomotive, mallet, diagrams, assignments, tender diagrams, operations	Article	07	1	5	14	NPRHA
Wood Boxcar Cabooses	Aust, Dennis, redrawn by	Mainstreeter	1988	Drawing of Wood Boxcar Cabooses, series 1800-1899 and 1275-1288, built in 1906 and 1907, with roster. Keywords: caboose, boxcar, drawing, roster	Drawing	07	1	14	2	NPRHA
The North Coast Limited Wreck at Granite Lake	Kuebler, William R., Jr.	Mainstreeter	1988	History of North Coast Limited wreck at Granite Lake, ID on March 2, 1962, with photographs of equipment, of wreck, and diagram of site. Keywords: wreck, North Coast Limited, passenger, Granite Lake	Article	07	1	20	6	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1988	HO Scale - PFM Z-3, Front Range F-3, Sunset F-3, W&R USRA 0-8-0, W&R Pacific 4-6-2 in several classes,	Column	07	1	26	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1988	O Scale - Pacific Limited Mather stock cars, Chooch 50-ft outside braced automobile boxcar, W&R cabooses	Column	07	1	26	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1988	Paint mixes for buildings, road switchers, boxcars cabooses and outfit cars, refrigerator cars	Column	07	1	26	1	NPRHA
Photograph NP 854 RS-3	Anderson, Harold	Mainstreeter	1988	Photograph of RS-3 diesel Northern Pacific 854, parked at Mississippi Street Shops in St. Paul. Keywords: RS-3, diesel, Mississippi Street, St. Paul	Photo	07	1	27	1	NPRHA
Photograph of NP 1760 Class W-3 mikado	Nixon, Ronald V.	Mainstreeter	1988	Photograph of Northern Pacific 1760 Class W-3 Mikado 2-8-2 at Paradise,, Montana alongside Northern Pacific 2239 Class Q-5 Pacific 4-6-2. Rear cover. Keywords: Pacific, Mikado, Class Q-5, Class W-3, steam engine, 2-8-2, 4-6-2, Paradise	Photo	07	1	28	1	NPRHA
Rices Point, Duluth MN engine terminal	Elliott, Joe	Locomotive & Railway Preservation	1988	Rices Point, Duluth MN engine terminal showing F units of Northern Pacific (6008D) and Milwaukee Road, with Duluth hillside cityscape. Keyword: F7, Rices Point, Duluth.	Photo		14	C	1	Richmond VT
Livingston Depot Center	Not identified	Locomotive & Railway Preservation	1988	News item, with picture on Livingston depot, on history, description, preservation and listing on National Register of Historic Places. Keyword: Livingston	Column		17	12	1+	Interurban Press
Photograph of NP 858, NP 857 and other RS-3s passing Missoula depot	Nixon, Ronald V.	Mainstreeter	1988	Photograph of Northern Pacific 858, Northern Pacific 857, and two other RS-3 diesels in multiple-unit lash-up passing Missoula depot in 1955. Front cover. Keywords: RS-3, diesel, Missoula	Photo	07	2	1	1	NPRHA

Photograph of RS-3 NP 855 in factory paint at ALCO in 1953	Not identified	Mainstreeter	1988	Photograph of Northern Pacific 855 at ALCO ready for delivery to NP, ¾ view of long hood. Keywords: RS-3, diesel	Photo	07	2	2	1	NPRHA
Photograph of semaphore	Nixon, Ronald V.	Mainstreeter	1988	Photograph of semaphore located between the rails, giving clear signal, at Frenchtown. Keywords: semaphore, Frenchtown	Photo	07	2	4	1	NPRHA
NP RS-3 Road-switchers	Barry, John W.	Mainstreeter	1988	History of Northern Pacific RS-3 diesel road-switchers. Roster, operating assignments, Alco builder's diagram, equipment diagrams, painting and lettering diagrams. Keywords: ALCO, RS-3, diesel, road-switcher, roster, assignments, diagrams	Article	07	2	5	12	NPRHA
Northern Pacific Depot, Naches, WA, drawing	Aust, Dennis, redrawn by	Mainstreeter	1988	Drawings of Naches, WA depot, built about 1906 by the North Yakima and Valley Railway. Keywords: Depot, drawing, Naches WA, Yakima.	Drawing	07	2	14	3	NPRHA
The North Yakima and Valley Railway	Schrenk, Lorenz P.	Mainstreeter	1988	Corporate and construction history of North Yakima and Valley Railway, which became several Northern Pacific branch lines. System map, Naches station map, diagram of Northern Pacific Class C-3 4-4-0 American Standard locomotives, photo of Donald, WA depot. Keywords: North Yakima and Valley Railway, Naches Branch, Moxee Branch, Sunnyside Line, Simcoe Branch, Cowiche Branch, Tieton Branch, Class C-3, 4-4-0, American standard, diagram, Class D-6, 2-6-0, mogul, Naches WA, Yakima WA, Donald, WA, station map,	Article	07	2	17	6	NPRHA
RS-3 Painting and Lettering; Original version	Aust, Dennis, redrawn by	Mainstreeter	1988	Painting and lettering diagram for RS-3, original version as of 1952, redrawn by D. Aust. Keywords: RS-3, diesel, diagram, painting, lettering	Drawing	07	2	23	1	NPRHA
RS-3 Painting and Lettering; Intermediate version	Aust, Dennis, redrawn by	Mainstreeter	1988	Painting and lettering diagram for RS-3, intermediate version as of 1955, redrawn by D. Aust. Keywords: RS-3, diesel, diagram, painting, lettering	Drawing	07	2	24	1	NPRHA
RS-3 Painting and Lettering; Final version	Aust, Dennis, redrawn by	Mainstreeter	1988	Painting and lettering diagram for RS-3, final version as of 1967, redrawn by D. Aust. Keywords: RS-3, diesel, diagram, painting, lettering	Drawing	07	2	25	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1988	HO Scale: Detail Associates gondola, W&R 50-foot express reefer, W&R Q-Class Pacific, Hallmark FT A and B units, Steward F-3	Column	07	2	26	1	NPRHA
Photograph NP 1099 Caboose	Not identified	Mainstreeter	1988	Side photograph of Northern Pacific 1099 caboose, built at Brainerd in 1954. Keywords: caboose, steel, Brainerd	Photo	07	2	27	1	NPRHA
Photograph of North Coast Limited leaving St. Paul in 1949	Nixon, Ronald V.	Mainstreeter	1988	Photograph of North Coast Limited leaving St. Paul about 1950 westbound, in Pine Tree paint scheme, showing observation lounge car "Spokane Club". Rear cover. Keywords: North Coast Limited, pine tree paint, observation lounge car, St. Paul.	Photo	07	2	28	1	NPRHA
Caboose NP 1013 at Woodinville, WA in 1969	Leach, Rick W.	Mainstreeter	1988	Caboose Northern Pacific 1013 at Woodinville, WA in 1969, with conductor Kelly Gwinn on platform, note on caboose whistles. Front cover. Keywords: caboose, Woodinville, whistle	Photo	07	3	1	1	NPRHA
Caboose NP 1061 in a yard	Anderson, Harold	Mainstreeter	1988	Caboose in 1969 green racing stripe scheme, showing end platform detail, Diagram 7 wide-vision cupola series, number illegible. Caption mislabeled as inside back cover. Keywords: Caboose, wide -vision	Photo	07	3	2	1	NPRHA
Caboose NP 1133, end detail	Leach, Rick W.	Mainstreeter	1988	Caboose Northern Pacific 1133 end platform with yellow steps and monad on end of car. Keywords: caboose, end platform	Photo	07	3	4	1	NPRHA
From the President	Tarbox, Gary L.	Mainstreeter	1988	Society news	Column	07	3	4	1	NPRHA
Steel Caboose of the Northern Pacific Railway	Cone, Rufus; McGee, Warren R.; Leach, Rick; Aust, Dennis	Mainstreeter	1988	Comprehensive summary of Northern Pacific Steel Caboose, including photographs, diagrams, drawings, details of each class, roster, renumbering plan and photographs of paint schemes. Keywords: Caboose, steel, diagram, drawing, paint schemes, roster, renumbering.	Article	07	3	5	19	NPRHA
Diagram 3 Steel Caboose - Cupola Type - NE, Series 1000-1049	Aust, Dennis, redrawn by	Mainstreeter	1988	Diagram 3 of Steel Caboose, series 1000-1049, built Brainerd 1951. Overall article has 5 pages of supporting material including 6 pictures. General Plan Drawing 54042. Keywords: caboose, steel, diagram.	Drawing	07	3	6	1	NPRHA
Diagram 4 Steel Caboose - Cupola Type - NE, Series 1050-1099	Aust, Dennis, redrawn by	Mainstreeter	1988	Diagram 4 of Steel Caboose, series 1050-1099, built Brainerd 1954. Overall article has 3 pages of supporting material including 2 pictures. General Plan Drawing 54801. Keywords: caboose, steel, diagram.	Drawing	07	3	11	3	NPRHA
Diagram 5 Steel Caboose - Cupola Type - NE, Series 1100-1149	Aust, Dennis, redrawn by	Mainstreeter	1988	Diagram 5 of Steel Caboose, series 1100-1149, built Morrison International 1962. Overall article has 4 pages of supporting material including 3 exterior and 3 interior pictures. Keywords: caboose, steel, diagram.	Drawing	07	3	12	4	NPRHA

Northern Pacific Steel Caboose Plans, Series 1100	Aust, Dennis, redrawn by	Mainstreeter	1988	Drawing of Northern Pacific Steel Caboose, 1100 Series. General and Safety Appliance Arrangement with lettering information, showing left side and "B" end. Drawing 7-E-75 B	Drawing	07	3	14	2	NPRHA
Diagram 7 Steel Caboose - Wide Vision Cupola - NE, Series 10400-10424	Aust, Dennis, redrawn by	Mainstreeter	1988	Diagram 7 of Steel Caboose, wide vision cupola series 10400-10424, built International Car Corp. 1969. Overall article has 1 pages of supporting material including 2 pictures. Keywords: caboose, steel, diagram, wide vision.	Drawing	07	3	18	1	NPRHA
Diagram 6 Steel Caboose - Cupola Type - NE, Series 900-914	Aust, Dennis, redrawn by	Mainstreeter	1988	Diagram 6 of Steel Caboose, series 900-914, rebuilt from earlier steel cabooses in 19682. Overall article has 2 pages of supporting material including 2 pictures. Keywords: caboose, steel, rebuild, diagram.	Drawing	07	3	19	2	NPRHA
Northern Pacific Railway Steel Caboose Roster	Cone, Rufus; McGee, Warren R.; Leach, Rick; Aust, Dennis	Mainstreeter	1988	Roster of all classes of Northern Pacific Steel Cabooses, including dimensions, builder information, diagram, and notes on roster. Keywords: caboose, steel, roster.	Table	07	3	21	1	NPRHA
Steel Caboose Paint Scheme Summary	Cone, Rufus; McGee, Warren R.; Leach, Rick; Aust, Dennis	Mainstreeter	1988	Pictures of 7 steel cabooses in various paint schemes with supporting text. Keywords: caboose, steel, paint, lettering.	Photo	07	3	22	2	NPRHA
Waiting in the Hole	Snyder, William	Mainstreeter	1988	Stories of open air observation car on Gardiner,, Montana branch, and practical joke at Dilworth, MN roundhouse	Column	07	3	24	1	NPRHA
NP Product News	Egan, Patrick	Mainstreeter	1988	Book Review: The Official Pullman-Standard Library, Vol. 3, Great Northern, Northern Pacific, SP&S by W. David Randall and William Ross; W&R Enterprises Q-5 and Q-6 reservations; Elwin Purrington audio tapes of steam engines; Jim Fredrickson audio tape of 1962 night shift in Tacoma dispatcher's office; Gary Wildung has NPRHA hats (now through Company Store); Jeffrey Lemke has 1967 industry list; American Railroad Photography caboose calendar for 1989; Front Range and Cary news	Column	07	3	25	2	NPRHA
Piping, Air. Steam and Whistle, back up whistle	Northern Pacific Railway	Mainstreeter	1988	Drawing of air, signal, steam and backup whistle piping for Northern Pacific caboose platform. Dated April 24, 1920, Drawing 23514-C. Keywords: caboose, drawing	Drawing	07	3	26	1	NPRHA
Caboose NP 1051, end and side view	Raia, William A.	Mainstreeter	1988	Photo of caboose Northern Pacific 1061 in yard with blue flag. Shows brake valve, caboose whistle, uncoupling chain. Mislabeled in captions as inside front cover	Photo	07	3	27	1	NPRHA
Semaphores	Nixon, Ronald V.	Mainstreeter	1988	Photograph of semaphore signals at mile 1247, Montana. Rear Cover. Keywords: signal, semaphore	Photo	07	3	28	1	NPRHA
NP 5145 and semaphores at Belknap, Montana	Nixon, Ronald V.	Mainstreeter	1988	Front cover photograph of Class Z-8 Northern Pacific 5145 between semaphores at Belknap,, Montana on 8-12-1949	Photo	07	4	1	1	NPRHA
Train 2 passing signals at DeSmet, Montana	Nixon, Ronald V.	Mainstreeter	1988	Inside front cover photograph of Northern Pacific 6501 pulling train 2 past semaphores on signal gantry at DeSmet, Montana on 5-7-1960, with explanation of codes for signal blades	Photo	07	4	2	1	NPRHA
From the President	Tarbox, Gary L.	Mainstreeter	1988	President's column about recruiting members and recounting the first west end get-together at Andy's Tukwila Diner.	Column	07	4	3	1	NPRHA
The Completion of the Mainline Automatic Block signaling in 1924	Kuebler, William; Tarbox, Gary	Mainstreeter	1988	History of block signal installation in early 1900s, train operation with signaling, table of signal indicators, contract for installation, diagram of semaphore signal types, track diagram with date of signal installation, 17 photographs of semaphore signal installations.	Article	07	4	5	13	NPRHA
Northern Pacific Semaphores; Office of the Signal Engineer	Northern Pacific Railway	Mainstreeter	1988	Drawing of 18 semaphore signal types with critical dimensions, dated 5-15-45, drawing AC-7-D	Drawing	07	4	10	1	NPRHA
Interior Arrangement of 22-foot Wooden Caboose	Aust, Dennis, redrawn by	Mainstreeter	1988	Drawing of exterior and interior arrangements for 22-foot caboose, revised 4-8-1898, Series W-205	Drawing	07	4	14	2	NPRHA
GRS Model 2A Base-of-Mast Mechanism	Leach, Rick W.	Mainstreeter	1988	Drawing of General railway Signal Company Model 2A semaphore with base-of-mast mechanism and details for blade dimensions, used with permission of Mainline Modeler	Drawing	07	4	18	2	NPRHA
The Evaro Wreck of the North Coast Limited	Kuebler, William R., Jr.	Mainstreeter	1988	History of the June 10, 1962 wreck of the North Coast Limited at Evaro,, Montana, diagram of track in vicinity, table of cars, 5 photographs	Article	07	4	20	5	NPRHA
While Waiting "In The Hole"	Snyder, William	Mainstreeter	1988	Column of trivia and tall tales form the Northern Pacific Railway, tales of telegraph operators, Norm Lorentzen cleaning switches, Fargo near-accident with police car at grade crossing.	Column	07	4	24	2	NPRHA

Modeling News	Egan, Patrick	Mainstreeter	1988	Column of modeling items, G-scale and 1-scale speculation, paint scheme and paint mixes, converting SP GS-4 to proposed Northern Pacific streamlined A-4, W&R O-scale VO-660 and VO-1000, Northern Pacific Diesel Era announcement, vacuum-formed dome window from Caboose Hobbies	Column	07	4	25	2	NPRHA
NP 56 in 1920s	Turner, James A.	Mainstreeter	1988	Inside back cover photograph of Class F-1 Consolidation 2-8-0 switching along Lake Washington Ship Canal in 1920s. Seattle, Hog	Photo	07	4	27	1	NPRHA
Double signals at Logan, Montana	Not identified	Mainstreeter	1988	Back cover photo of Train 4, Alaskan, preparing to head east from Logan,, Montana, passing semaphore signals	Photo	07	4	28	1	NPRHA
Uncanny Coincidence, An	Nixon, Ronald V.	Trains	1988	Photography effects with three exposures of North Coast Limited at Willow Creek with engine 2611.	Photo	49	July	52	2	Kalmbach, Milwaukee, WI
NP 56 "hog" with train	Ashford, J C	Mainstreeter	1989	Photo of Northern Pacific 56 'hog' w/ train, Grays Harbor Br, 1933, keywords: Northern Pacific 56, consolidation, hog, Grays Harbor	Photo	08	1	1	1	NPRHA
NP 60 'hog'	Smith, J. R.	Mainstreeter	1989	NP 60 'hog' Wallace, ID, 1902, keywords: Northern Pacific 60, consolidation, hog, Wallace, ID	Photo	08	1	2	1	NPRHA
From The President	Tarbox, Gary L.	Mainstreeter	1989	Discusses news about NPRHA, keywords: NPRHA	Column	08	1	4	1	NPRHA
The Hogs Pulled and Pushed NP Tonnage fro Almost 60 Years	Tarbox, Gary L.	Mainstreeter	1989	History of the Northern Pacific F-1 2-8-0, Consolidation, Hogs, includes photos and a history and development of the locomotives while in service, operations, accidents, drawings as delivered and 1940's and division assignments, keywords: F-1, consolidation, hogs, freight locomotive	Article	08	1	5	15	NPRHA
An L-9 Encore: NP #1070 rescues BN Freight on the Sumas Line	Tarbox, Gary L.	Mainstreeter	1989	Story of Northern Pacific #1070, now Lake Whatcom Ry, hauled 50 cars from a derailed BN 70 car train, to Acme on April 6, 1988, keywords: Northern Pacific 1070, L-9, Lake Whatcom Ry	Article	08	1	25	3	NPRHA
While Waiting in the Hole	Snyder, William	Mainstreeter	1989	Three short stories bout happening son Northern Pacific 1) The Engineer and the Nun, 2) Train Crew to the Rescue and 3) Boiler Water Bonus, keywords: waiting, hole	Column	08	1	28	2	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1989	Comments on Northern Pacific Water Baggage cars, Model Masterpieces Division Point Depot, Northern Pacific TOFC flat cars, Northern Pacific Diesel Era book released, Keywords: water baggage, depot, TOFC, diesel book	Column	08	1	29	2	NPRHA
NP Magazine References	Egan, Patrick	Mainstreeter	1989	Lists Northern Pacific references in Freight Cars News, Mainline Modeler and Railroad Modeler	Column	08	1	30	1	NPRHA
GP-7 560 with Train 314	Butler, Bruce	Mainstreeter	1989	GP-7 560 w/ Train 314, Pullman, WA 1954, Keywords GP-7, Pullman, WA	Photo	08	1	31	1	NPRHA
NP 70, F-1, 2-8-0	Farrow, Albert E.	Mainstreeter	1989	NP 70, F-1, 2-8-0, 'hog', Chehalis, 7-18-45, keywords F-1, hog	Photo	08	1	32	1	NPRHA
NP GP7 557	Leach, Rick W.	Mainstreeter	1989	NP GP7 557, Woodinville, WA, Everett Turn, Engineer N. Roselle, 1968, keywords: GP7, Woodinville, WA	Photo	08	2	1	1	NPRHA
GP7 557on Arlington-Auburn local	Fredrickson, James M.	Mainstreeter	1989	GP7 557on Arlington-Auburn local near Wilburton, WA, 1952, keywords: GP7, Wilburton, WA	Photo	08	2	2	1	NPRHA
From the President	Tarbox, Gary L.	Mainstreeter	1989	Describes happening swith NPRHA and the 1989 Duluth Convention, keywords: NPRHA, convention	Column	08	2	4	1	NPRHA
The NP GP7 Road-Switchers	Butler, Bruce	Mainstreeter	1989	Article covering the acquisition and operation of GP7 loacomotives on NP, photo 551, Dilworth, MN, 1952; 552, Pasco, WA, 1967; 555, Everett, WA, 1968; 569, Logan,, Montana, 1955; 557, Kirkland, WA, 1952; 564, Clinton, MT, 1954; 557 & 558, Woodinville, WA; 557, Tacoma, 1970; 560, Pullman, WA, 1955; 558 bering lifted by Wrecker 41 at Quendell, WA, 1952; 562, Auburn, WA, 1970, 551 Duluth, MN, 1950 including painitng diagrams, photos, division assignment list, and dispositon list, keywords: GP7, painting, assignment, disposition	Article	08	2	5	15	NPRHA
Jay Cooke, Duluth, and the NP Railway	Carlson, Donald	Mainstreeter	1989	Article tracing Jay Cooke's activities on the Northern Pacific including his influence with Duluth, MN, iron ore, other projects and the collapse of the Cooke empire, including photos of Rices Point, Duluth's Aerial Bridge, W-3, 1713 Duluth 1-17-58; Duluth Unon Depot, 1880's, 1910 and 1964; Northern Pacific 600 Atlantic, 1794 Carolton, MN 1956, J. Cooke 1870 keywords: J. Cooke, Duluth, depot, iron ore, W-3	Article	08	2	20	8	NPRHA
While Wating n the Hole, Triva and Tales from NP	Snyder, William	Mainstreeter	1989	Story of a robbery on passenger train No. 1, 1897, just east of Fargo, MN keywords: passenger, robbery, Fargo, MN	Column	08	2	27	2	NPRHA

Modeling News	Egan, Patrick	Mainstreeter	1989	A review of NWSL Northern Pacific W-3 and W-5 mikados and tips on upgrading and detailing, Westrail kit flat car, Con-Cor USRA flat car kit, Atlas RS-11, Detail associates GS gon, Microscale Northern Pacific passenger F-unit decals, articles in Mainline Modeler Feb 1989, Model Railroader Feb and April 1989, keywords: NWSL, Mikado, Westrail, Con-Cor, Microscale, F-unit, Mainline Modeler, Model Railroader	Column	08	2	28	3	NPRHA
Covered hopper 75073	Not identified	Mainstreeter	1989	Covered hopper 75073 and another, Jamestown, ND, 1967, keywords:	Photo	08	2	31	1	NPRHA
GP7 569 at Garrison, Montana	Fredrickson, James M.	Mainstreeter	1989	Photo of GP7 569 at Garrison,, Montana, June 1955	Photo	08	2	32	1	NPRHA
EB NCL on Green River bridge	Nixon, Ronald V.	Mainstreeter	1989	Photo EB NCL, over Green River bridge between Kanaskat and Humphrey, WA, 1969, keywords: NCL, Green River	Photo	08	3	1	1	NPRHA
Auburn roundhouse	Farrow, Albert E.	Mainstreeter	1989	Two W-3s and a S-4, Auburn roundhouse 4-18-46, keywords: W-3, S-4, Auburn, 4-18-46	Photo	08	3	2	1	NPRHA
From the President	Tarbox, Gary L.	Mainstreeter	1989	Recap of the 1989 Duluth convention, keywords: Duluth, convention	Column	08	3	4	1	NPRHA
Remembering Ronald V. Nixon	Tarbox, Gary L.	Mainstreeter	1989	Series of remembrances of Ron Nixon form G. Tarbox, Verne Alexander, John Barry, Rufus Cone, Jim Fredrickson, Paul Fugleberg, Dick Green, Bill Kuebler, David P. Morgan, Larry Schrenk, and Bill Snyder, keywords: Nixon	Article	08	3	5	4	NPRHA
Early Passes of the NP	McKown, William	Mainstreeter	1989	A history of passes issued by Northern Pacific in the later half of the 19th century, keywords: passes	Article	08	3	12	4	NPRHA
Watchman's Hose At East Butte, Remodeled as Motor Car House	Northern Pacific Railway	Mainstreeter	1989	Drawing of the watchman's house/motor car house at E. Butte,, Montana, keywords: watchman's, motor car, house, Butte,, Montana	Drawing	08	3	16	2	NPRHA
Covered Hopper Cars of the NP	Herson, Matthew J.; Cone, Rufus	Mainstreeter	1989	Part 1 of a two part series on Northern Pacific two-bay covered hopper cars, 75000-75029 renumbered 76500-76529; 75030-75129, renumbered 76543-76642; 75130-75144, renumbered 76530-76542; 75200-75299; 75400-75473; 75474-75498; 75700-75714; 75715-75739; 7600-76119; second 75000-75099; 75750-75799 with diagrams; roster and modeling notes, keywords: Covered hoppers, diagrams	Article	08	3	18	9	NPRHA
Waiting in the Hole: Tales and Trivia from the NP	Snyder, William	Mainstreeter	1989	Short stories of the Northern Pacific Golden Spike ceremony and about engineer Art Willis Blue Steam, keywords: Golden Spike, Art Willis, blue steam	Column	08	3	27	2	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1989	W&R O-scale 44T GE switchers and HO Heavyweight passenger cars, New England Rail Service air ducts for Northern Pacific passenger cars, Overland SD-45s, How to Model an HO Northern Pacific F-1, listing of Mainline Modeler Northern Pacific articles, discussion of water baggage cars, keywords: W&R, GE 44T, air ducts, SD-45, F-1, Mainline Modeler articles, water baggage cars	Column	08	3	28	2	NPRHA
Wreck of Z-3 4015	Farrow, Albert E.	Mainstreeter	1989	Wreck of engine Z-3 4015, Ellensburg, WA, 2-2-41, with Wrecker 42, keywords: Z-3, 4015, Ellensburg, Wrecker 42.	Photo	08	3	31	1	NPRHA
NP mainline in W. Montana	Nixon, Ronald V.	Mainstreeter	1989	Photo of sunset highlights on Northern Pacific mainline in W. Montana	Photo	08	3	32	1	NPRHA
Pile Driver at Stockwood MN fill project	Wange, S.P.	Mainstreeter	1989	Front cover photograph of pile driver lifting wooden pile to help build the Stockwood Fill in 1906	Photo	08	4	1	1	NPRHA
B end of NP 75733 covered hopper	Northern Pacific Railway	Mainstreeter	1989	Inside front cover photograph of B end of Northern Pacific 75733 covered hopper showing paint, brake gear arrangement, stenciling	Photo	08	4	2	1	NPRHA
From the President	Tarbox, Gary L.	Mainstreeter	1989		Column	08	4	4	1	NPRHA
Acquisition and Use of Covered Hopper Cars by the Northern Pacific Railway; A Case History in Industrial Evolution Seen through the Eyes of NP Presidents	Cone, Rufus L., Herson, Matthew	Mainstreeter	1989	History of Northern Pacific Railroad's covered hopper cars from 1940 to 1969, including introductory history of covered hopper development by all North American roads, acquisition history by Northern Pacific Railway, locations of cement plants, arsenic shipment, round hatches and trough hatches, gravity slide gates, expansion of loadings into grain, silica sand, soy bean meal, concentrates, carbide, prepared feeds, lime, starch , calcium, powdered coke, phosphate; 11 photographs	Article	08	4	5	9	NPRHA
Collecting "Things NP"	Reed, Chuck	Mainstreeter	1989	Adlake steel switch locks and keys, 3 photographs	Column	08	4	14	1	NPRHA

Tracking the NP	Makins, Robert	Mainstreeter	1989	Discussion of preserved or still-used Northern Pacific equipment and buildings, including Q-3 Pacific Northern Pacific 2152 at Auburn, Issaquah WA depot, F9 diesel Northern Pacific 7012A at Mount Rainier Scenic Railway, burning of snowsheds at Stampede Tunnel (west end in 1989 and east end in 1988).	Column	08	4	15	1	NPRHA
Painting and Stenciling Drawing for Covered Hoppers	Northern Pacific Railway	Mainstreeter	1989	Centerfold Painting and Stenciling Drawing for covered hoppers Northern Pacific 75000-75029 last updated in 1952, series X-8380, drawing 49659	Drawing	08	4	16	2	NPRHA
NP Two-Bay Covered Hopper Roster	Cone, Rufus L.	Mainstreeter	1989	Pictorial roster of each class of Northern Pacific covered hopper cars, organized by equipment diagram (diagrams not included) including original numbers and 1965 renumbering, 11 diagram classes.	Article	08	4	18	4	NPRHA
Building the Stockwood Fill	Snyder, William	Mainstreeter	1989	History of planning and construction of the Stockwood Fill across the Buffalo River Valley between Glyndon and Hawley MN,	Article	08	4	22	6	NPRHA
Waiting "In The Hole"	Snyder, William	Mainstreeter	1989	Reprinted article by Ron Nixon from The Tell-Tale, talking about employees from an earlier era. Boomer,	Column	08	4	28	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1989	Comments on details to improve NWSL and "W&R" brass locomotives, particularly NWSL W-3 Mikado, product announcement by "W&R" for: O-scale GE 44-tonner; HO Scale 40-foot roundroof boxcar, heavyweight baggage, RPO-baggage, wood cabooses, Q-1 Pacific, dynamometer car; Platte Valley Model Railroad Club refrigerator cars; PFM Z-3; list of custom painters who do Northern Pacific rolling stock.	Column	08	4	28	3	NPRHA
Wrecking Cranes lifting Z-3 at Ellensburg in 1941	Farrow, Albert E.	Mainstreeter	1989	Inside back cover photo of wrecking cranes Northern Pacific 42 and Northern Pacific 24 lifting Z-3 Northern Pacific 4015 at Ellensburg, WA on February 2, 1941	Photo	08	4	31	1	NPRHA
NP 76040 and other new covered hoppers at Northtown Yard in 1964	Northern Pacific Railway	Mainstreeter	1989	Back cover photo of NP76040 and two more new covered hoppers in Northtown Yard in January 1964, cars had 100 ton capacity and were designed for phosphate from mine near Drummond, Montana.	Photo	08	4	32	1	NPRHA
Winter scene picture	Patrick, Howard	Trains	1989	Great winter scene: Mainstreeter at Fargo station in winter with people. (Caption says North Coast Limited but time and ambiance are wrong). Keyword: Fargo.	Photo	50	Dec	44	2	Kalmbach, Milwaukee, WI
Fires of Autumn, The	Carroll, Francis M. & Raiter, Franklin R.		1990	Study of the forest fires that destroyed Moose Lake and Cloquet Minnesota in 1918, and the effect of railroads, including Northern Pacific Railway, as potential cause and as agent of rescue and recovery. Keywords: Moose Lake, Cloquet, Duluth, forest fires, USRA.	Book			52	1	Minnesota Historical Society Press
Wrecker NP 41 works on a derailed freight at Lester in 1945	Fredrickson, James M.	Mainstreeter	1990	Front cover photograph of wrecker Northern Pacific 41 working on a derailed westbound freight at the spring switch at the west end of Lester WA in May 1945	Photo	09	1	1	1	NPRHA
Wrecker NP 38 moving into position at a derailment near Coon Creek MN in 1940s	Not identified	Mainstreeter	1990	Inside front cover photo of wrecker Northern Pacific 38 is moved into position at a derailment east of Coon Creek MN in the early 1940s	Photo	09	1	2	1	NPRHA
From the President	Tarbox, Gary L.	Mainstreeter	1990	Notes on schedule for mailing Mainstreeter, announcement for "The Company Store" and solicitation for articles, thankyou from Nixon family for tribute to Ron Nixon	Column	09	1	4	1	NPRHA
Leonard Olson's Service as a Wrecker Engineer	Kuebler, William R., Jr.	Mainstreeter	1990	Leonard Olson's experiences working on the Northern Pacific as a car repairman beginning in 1948 and as a wrecker engineer in Minnesota and North Dakota from 1956 to 1966, particularly wrecker Northern Pacific 44 by Bucyrus Erie	Article	09	1	5	8	NPRHA
Tracking the NP	Makins, Robert	Mainstreeter	1990	Stampede tunnel update regarding snowshed fires, GP-18 Northern Pacific 376 (BN 1990) goes to Minnesota Valley Railroad	Column	09	1	13	1	NPRHA
A Tale of Two Wreckers	Nixon, Ronald V. Kuebler, William	Mainstreeter	1990	Photoessay of successive derailments in 1943, at St. Regis, Montana, Florence, Montana, Missoula, Montana and Drummond, Montana; new wreckers Northern Pacific 45 and Northern Pacific 47 both tipped over, wreckers Northern Pacific 44 and Northern Pacific 37. Industrial Brownhoist.	Article	09	1	14	2	NPRHA
NPRR Standard Plan of 1st Class Combination Depot	Aust, Dennis, redrawn by	Mainstreeter	1990	Centerfold drawing, Standard Plan of 1st Class Combination Depot, drawing S-26-2 dated 12-28-1889; showing front and waiting room end elevations, framing plans.	Drawing	09	1	16	2	NPRHA

Northern Pacific Wrecking Cranes	Kuebler, William R., Jr.	Mainstreeter	1990	History of Northern Pacific Railroad wreckers; early wrecking cars 1-9; First Series wreckers 12-17; Second Series wreckers 18-19; Third Series wreckers 20-22; Fourth Series wreckers 23-27; Fifth Series wreckers 31-32 and 37-38; First Large Capacity Wreckers 41-43; Bucyrus Erie wrecker 44; Giants 45-48; conversion from steam to diesel; roster, diagrams	Article	09	1	18	11	NPRHA
Diagram 59, wrecking crane NP 12	Northern Pacific Railway	Mainstreeter	1990	Diagram 59 of wrecker Northern Pacific 12; Industrial Works 1901; capacity 50 tons	Drawing	09	1	20	1	NPRHA
Diagram 61, wrecking cranes NP 18, 20, 21, 22	Northern Pacific Railway	Mainstreeter	1990	Diagram 61 of wreckers Northern Pacific 18, 20, 21, 22; Industrial Works 1902, 1903, 1904; capacity 60 tons	Drawing	09	1	21	1	NPRHA
Diagram 62, wrecking cranes NP 23, 24, 25, 26, 27	Northern Pacific Railway	Mainstreeter	1990	Diagram 62 of wreckers Northern Pacific 23-27; Industrial Works 1906, 1907; capacity 75 tons	Drawing	09	1	22	1	NPRHA
Diagram 65, wrecking cranes NP 31, 32	Northern Pacific Railway	Mainstreeter	1990	Diagram 65 of wreckers Northern Pacific 31, 32; Industrial Works 1910; capacity 100 ton	Drawing	09	1	23	1	NPRHA
Diagram 68, wrecking cranes NP 37, 38	Northern Pacific Railway	Mainstreeter	1990	Diagram 68 of wreckers Northern Pacific 37, 38; Industrial Works 1913; capacity 75 tons	Drawing	09	1	24	1	NPRHA
Diagram 71, wrecking cranes NP 41, 42 and 45	Northern Pacific Railway	Mainstreeter	1990	Diagram 71 of wreckers Northern Pacific 41, 42 and 45; Industrial Brownhoist Corp., 1929 and 1930; capacity 150 tons	Drawing	09	1	25	1	NPRHA
Diagram 72, wrecking crane NP 44	Northern Pacific Railway	Mainstreeter	1990	Diagram 72 of wrecker Northern Pacific 44; Bucyrus Co. 1915; capacity 160 tons	Drawing	09	1	25	1	NPRHA
Diagram 73, wrecking crane NP 45, 46, 47, 48	Northern Pacific Railway	Mainstreeter	1990	Diagram 73 of wreckers Northern Pacific 45-48; Industrial Brownhoist Corp, 1942, 1943, 1945; capacity 250 tons	Drawing	09	1	27	1	NPRHA
While Waiting "In The Hole"	Snyder, William, Alexander, Verne	Mainstreeter	1990	Story by Verne Alexander about engineer C.P. Johnson firing with a cantankerous engineer, definition of "spot time"	Column	09	1	29	2	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1990	Notes on modeling Northern Pacific wrecking cranes, product notes on "W&R" 4-8-4s, Key Alco DL-701	Column	09	1	30	1	NPRHA
Wrecker NP 41 lifting NP 2152	Farrow, Albert E.	Mainstreeter	1990	Inside back cover photo of wrecker Northern Pacific 41 "teetering" Northern Pacific 2152 Class Q-3 Pacific onto house-moving dollies for its trip to the City Park in Auburn WA, March 25, 1958.	Photo	09	1	31	1	NPRHA
Wrecker NP 41 lifting NP 1364	Fredrickson, James M.	Mainstreeter	1990	Back cover photo of wrecker Northern Pacific 41 loading Northern Pacific 1364 Class S-4 ten wheeler for its trip to Point Defiance Park in Tacoma WA, June 15, 1954.	Photo	09	1	32	1	NPRHA
Cleaning and dumping the fire of NP 5002	McGee, Warren R.	Mainstreeter	1990	Front cover photo of men cleaning the ashpan and tracks of cinders after dumping the fire in Northern Pacific 5002, Class Z-5, Yellowstone, 2-8-8-4, April 22, 1945	Photo	09	2	1	1	NPRHA
Livingston back shop in 1945 after adding 13 more stalls	Not identified	Mainstreeter	1990	Inside front cover photo of Livingston back shop in 1945 after addition of 13 new stalls to the 24 already present; date on picture is June 15, 1945 while date in caption is April 22, 1945	Photo	09	2	2	1	NPRHA
From the President	Tarbox, Gary L.	Mainstreeter	1990	Solicitation to members to submit information that may fill in gaps in previous articles; Nixon collection to be at Museum of the Rockies	Column	09	2	4	1	NPRHA
2152 The Engine in Auburn's Park	Armbruster, Kurt E.	Mainstreeter	1990	History of Class Q-3 Pacific Northern Pacific 2152, arrangements for its preservation, and plans for restoration, with 10 photographs.	Article	09	2	5	6	NPRHA
Northern Pacific Shops and Yards, Livingston, Montana July 22, 1952	McGee, Warren R., Cone, Rufus	Mainstreeter	1990	Livingston facilities and operations in 1952, including the yard, coal dock, roundhouse, roundhouse support buildings, main shop buildings, the maintenance building, map of yard and shops in 1952	Article	09	2	11	8	NPRHA
Erecting Card 4-6-2 Q's	Aust, Dennis, redrawn by	Mainstreeter	1990	Erecting card drawing for Class Q 4-6-2 Pacific locomotives, 2-page foldout	Drawing	09	2	15	2	NPRHA
Livingston yard and shop map	Northern Pacific Railway	Mainstreeter	1990	Station, Track and Structure map for Livingston yard and shops dated July 22, 1953, 3-page centerfold	Drawing	09	2	16	3	NPRHA
Ditchers on the Northern Pacific	Barry, John W.	Mainstreeter	1990	History of ditchers, roster, recollections provided by Bob Marden recounting experiences of Manly Cunningham and Oscar Sather operating ditchers, modeling notes using Rio Grande Models HO-scale American Hoist and Derrick Company kit	Article	09	2	22	3	NPRHA
Drawing of ditcher showing reach	Aust, Dennis, redrawn by	Mainstreeter	1990	Drawing of ditchers Northern Pacific 5, 6, 7 showing position crane must be in to excavate, dated January 23, 1910	Drawing	09	2	25	1	NPRHA
Collecting "Things NP"	Reed, Chuck	Mainstreeter	1990	Discussion of railroad lanterns and associated globes	Column	09	2	26	1	NPRHA
Tracking the NP	Makins, Robert	Mainstreeter	1990	List of known existing Northern Pacific cabooses, admittedly not complete. Lists 61 known existing cabooses by type, ownership, location and condition	Column	09	2	27	1	NPRHA

While Waiting "In The Hole"	Snyder, William	Mainstreeter	1990	Story of the February 5, 1946 blizzard at Fargo as told by John Wolf, boomer telegrapher story about telegraphing from a stationary railroad car by clipping onto a wire and driving a grounding stake.	Column	09	2	28	2	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1990	Suggestions for modeling Z and Z-1 locomotives from Bowser/Roundhouse/Cary/Tyco parts, discussion of PFM Class Z-3 models, Oriental Z-4 model, speculation of modeling might-have-been Z-9 cab forward or Z-10 4-8-8-4 using Bowser or Rivarossi parts	Column	09	2	29	2	NPRHA
NP 372 and NP 902 lead Ashland turn at Iron River WI	Dorin, Patrick C.	Mainstreeter	1990	Inside back cover photo of GP-9 Northern Pacific 372 and RS-11 Northern Pacific 902 leading the Ashland Turn at Iron River WI in April 1969	Photo	09	2	31	1	NPRHA
NP 2152 at Auburn City Park	Farrow, Albert E.	Mainstreeter	1990	Back cover photo of Class Q-3 Pacific Northern Pacific 2152 in Auburn City Park. 4-6-2	Photo	09	2	32	1	NPRHA
Mogul 454 w/ log train	King, Franklin A.	Mainstreeter	1990	Photo of Mogul 454 w/ log train near W H Gilbert Lbr. Co. Edward Brown's Landing, east of Brule, WI, 1898, keyword: 2-6-0, stream	Photo	09	3	1	1	NPRHA
Water tank at Ashland, WI	Not identified	Mainstreeter	1990	Water tank at Ashland, WI nearing completion, April 1985	Photo	09	3	2	1	NPRHA
From the President	Tarbox, Gary L.	Mainstreeter	1990	Review of the 1990 Bozeman convention	Column	09	3	4	1	NPRHA
The Ashland Line	Gaertner, John	Mainstreeter	1990	The history of building, operating, a description o facilities and stations, the Washburn Branch, passenger service, locomotives, consolidation with the SOO, joint operation with the DSS&A, freight operations before and after WWII and wrecks, includes photos of Northern Pacific 685, Maple, WI, Northern Pacific 718 w/ passenger train, Washburn, WI in snow, Ashland RH, Ashland yard in snow, SOO Ashland depot 1962, pulp wood loading Brule, WI 1-2-64, Northern Pacific 2200 w/ tank cars Superior, WI, Northern Pacific 1570 w/ Ashland Local VN Tower Superior, WI, Junction with DSS&S at Iron, WI, Northern Pacific freight house Ashland, WI 8-23-62, siding at Cutter, WI, Northern Pacific 2168 w/ passenger train Ashland, WI late 1930's, SOO 398 w/ train Iron River Br 1960's, Rices Point Yard w/ Northern Pacific 858, Rices Point Yard with Ashland Local Northern Pacific 372 4-19-69, Northern Pacific 244 Superior, WI 7-16-56, Northern Pacific 853 w/ Ashland Local at Brule, WI 1-2-64, pulp wood loading ramp Maple, WI 7-86, Brule River Bridge 7-86, Northern Pacific 372 and 902 at Ashland Yard 4-19-69, maps of Northern Pacific and DSS&A between Ashland and Superior, WI, timetable, Keywords: CNW, pulp wood, GP9, RS-3 RS-11, Baldwin	Article	09	3	5	17	NPRHA
Depots of the Ashland Line	Gaertner, John; Sager, C. F.	Mainstreeter	1990	Photos of depots at Central Avenue, Superior, WI 1970; Wentworth, WI 1962; Poplar, WI 7-1959;Maple, WI 1962; Blueberry, WI 1962; Brule, WI 1962; Iron River, WI 1962; Ino, WI 7-1970; Moquah, WI 1962 & 1970	Photo	09	3	22	4	NPRHA
Waiting in the Hole	Snyder, William	Mainstreeter	1990	Short stories: Rosebud Coal by Vern Alexander, Northern Pacific Trivia Quiz, Strange Happening 1886 event where a train arrived in Glendive,, Montana, with one truck missing from a freight car, Toot Toot	Column	09	3	26	1	NPRHA
Collecting "Things NP"	Reed, Chuck	Mainstreeter	1990	NP silverware; Keyword: silverware	Column	09	3	27	1	NPRHA
Tracking NP	Makins, Robert	Mainstreeter	1990	SP&S 700 run for the 1990 Portland convention, photos of 700 by J. Fredrickson	Column	09	3	28	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1990	Modeling Rail Diesel Cars, Con-Cor 52 foot flat cars, W&R 40' round roof box cars, passenger cars, Sunshine Models Mather 40 foot stock cars, Westrail fat cars, Keywords: Rail Diesel Cars, flat cars, W&R box cars, Sunshine stock cars	Column	09	3	29	1	NPRHA
No. 26, EB NCL, Evaro Hill	Nixon, Ronald V.	Mainstreeter	1990	Clean up of wreck of No. 26, EB NCL, Evaro Hill, 6-10-62, showing wrecker supply car X-583, ex Northern Pacific Business Car No. 11, Keywords: wreck, No. 26, NCL, Evaro Hill	Photo	09	3	31	1	NPRHA
GP9 372 and a RS-11	Dorin, Patrick C.	Mainstreeter	1990	EB local passes siding at Blueberry, WI, 4-19-69, w/ GP9 372 and a RS-11	Photo	09	3	32	1	NPRHA
Business Car Yellowstone	Barriger III, J.	Mainstreeter	1990	Train Yellowstone, (4th No. 1) 9-32, w/ at steward standing at the rear platform during a station stop	Photo	09	4	1	1	NPRHA
SP&S 700 at Wishram	Farrow, Albert E.	Mainstreeter	1990	SP&S 700 at Wishram, 6-28-90	Photo	09	4	2	1	NPRHA
From the President	Tarbox, Gary L.	Mainstreeter	1990	Review of SP&S 700 trip on the Washington Central and events for the Bozeman	Column	09	4	3	1	NPRHA

Business Cars of the Northern Pacific: Part 1	Schrenk, Lorenz P.	Mainstreeter	1990	An introduction and overview of both officer's cars and the superintendent's cars, naming, assignment, rebuilding and color schemes, with photos of Yellowstone, later 4th No. 7, Yellowstone, later 4th No. 1, Business Car 2nd No. 8 as div. Superintendent car 1909, Green River, Business car 2nd No. 2 dining room Keywords: officer cars, superintendent cars	Article	09	4	5	9	NPRHA
Business Cars of the Northern Pacific: Part 2	Schrenk, Lorenz P.	Mainstreeter	1990	A description of business cars number 1 - 10 including photos and diagrams, photo No. 1906, 4th No.1, Tacoma 1944; Green River St. Paul 1960s; X-127 Auburn 5-63; 2nd No. 2 two end shots; 2nd No. 2 Interior; 2nd No. 2 1942; No. 1902 1st No.5; 2nd No. 6 at Tacoma; 1st Yellowstone; 1st Yellowstone as F. Jay Haynes studio car; four business cars behind 1697, Elma, WA 1945; 2nd No.8 Yellowstone in 1920s; No. 9 Yakima, 2nd No. 10 end view, Diagrams of 1st No.1, 2nd No. 1,4th No. 1, No. 2, 2nd No. 2, 2nd No. 4 "Gallatin River", No. 5, "Yellowstone" 7-10-26, No. 3, 2nd No. 3, No. 4, No. 5, No., 6, No. 7, "Jefferson River" 2nd No. 6, No. 7, No. 8, 4th No. 7, 2nd No. 8, No. 9, No. 10, Keywords: business cars	Article	09	4	10	19	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1990	Research and Resource materials discussed, new items - Microscale decals for Northern Pacific diesel locomotives and cabooses, Keywords: research, decals	Column	09	4	29	2	NPRHA
One of the first W-3s	Butler, Bruce	Mainstreeter	1990	One of the first W-3s to arrive on the Tacoma Div, 1781 w/ work train, Pullman, WA, 6-54	Photo	09	4	31	1	NPRHA
Business car Green River	Fredrickson, James M.	Mainstreeter	1990	Business car Green River on rear of passenger train at Missoula	Photo	09	4	32	1	NPRHA
The Pioneers: Ronald V. Nixon	Nixon, Ronald V.	Trains Illustrated	1990	Collection of 7 photos by Nixon, including 3 Northern Pacific pictures. Thumbnail sketch of Nixon. Doubleheaded North Coast Limited, Freight meet in Montana. Yellowstone with smoke plume along with 'BA&P', MILW, GN views. Keyword: Nixon. Glendive. DeSmet	Article	1	5	22	6	Kalmbach, Milwaukee, WI
Prairie Accommodations	Middleton, William D.	Trains Illustrated	1990	Collection of 12 action and human interest pictures of North Dakota branch line passenger service, with geese and mixed trains in late Fifties. Keywords: Goose, train 139, Streeter, Lisbon, Verona, La Moure, train 154, Jamestown, Oakes, doodlebug, gas-electric	Article	1	5	44	7	Kalmbach, Milwaukee, WI
Most Mellifluous Name in Railroading, The	Brovald, Ken C.; Thoms, William E.	Trains	1990	Profile of Red River Valley & Western, with maps. Line is mostly former Northern Pacific track. Keyword: Oakes, Jamestown, Wahpeton, Turtle Lake, Wilton, Jamestown & Northern., Esmond, Fargo & Southwestern	Article	50	Feb	52	10	Kalmbach, Milwaukee, WI
SP&S 700 at Kalama WA on June 13 1990	Johnston, Robert W.	Mainstreeter	1991	SP&S 700 at Kalama WA on June 13 1990, returning from the first trip since 1956 which was from Portland, OR to Longview Jct., WA and return. Class A-3, Northern, 4-8-4	Photo	10	1	1	1	NPRHA
NP W-3, 1826, Renton, WA, 1939	Hill, Harold	Mainstreeter	1991	Class W-3 1826 north bound at Burnett St., Renton WA to Sumas WA in 1939, ready to cross Pacific Coast-Milwaukee tracks at Walla Walla Ave. Mikado, 2-8-2	Photo	10	1	2	1	NPRHA
From the President	Tarbox, Gary L.	Mainstreeter	1991	News of Bob Johnson passing away, Ron Nixon photo exhibit at Museum of the Rockies, Jamestown 1991 convention	Column	10	1	3	1	NPRHA
Fireman's Friend	King, Max C. "Mickey"	Mainstreeter	1991	History of development of stokers on Northern Pacific Railway steam locomotives beginning with the W-3s, first W-3 trip over Stampede, trip over Sumas line, Northern Pacific Railway management finally realizes the value of stokers, stories of hand firing W-3s, w/ photos: W-3 1784 and Q 2258 Stampede Pass 5-28-24, 1780 at Auburn 1948, 1775 helps Train No. 4 east of Lester, WA 6—10-40, 1823 with circus train at Auburn 8-22-48, 1781 with westbound on Stampede Pass 1925, 1714 at Renton 1949, 1713 at Renton on Sumas line, 1612 at Arlington Depot 1952, 1706 helps another W-3 up Maltby Hill, Woodinville, WA 9-44, 1763 near Wynaco, WA with train, 1823 on ready track at Easton, WA 8-48, 1802 at Auburn yard log train 5-27-44, 1745 at Kannydale, WA 6-44, 1783 near Wickersham, WA 7-38, 1791 in Renton 5-47,keywords: Class W-3, 2-8-2, Mikado, Pacific, stokers, Class Q-6	Article	10	1	5	17	NPRHA
NP Standard Plan of 1st Class Combination Depot	Northern Pacific Railroad	Mainstreeter	1991	Northern Pacific Railroad Standard Plan of 1st Class Combination Depot 12-20-1889, redrawn for NPRHA by D Aust 12-11-1989	Drawing	10	1	16	2	NPRHA
Max "Mickey" King, Writer and NP Engineer	Sales, Chick	Mainstreeter	1991	Biography of Northern Pacific Railway locomotive engineer Max "Mickey" King presented on his 78th birthday	Article	10	1	20	2	NPRHA

Standard's Duplex Stoker Fig. 749 – Diagram Showing Method of Coal Distribution by the D-4 Duplex Stoker	Tarbox, Gary L. Locomotive Cyclopedia, Ninth Edition – 1930	Mainstreeter Mainstreeter	1991	Article describing design, and operation of stokers:	Article	10	1	22	1	NPRHA
			1991	Drawing of mechanical stoker from Locomotive Cyclopedia	Drawing	10	1	22	1	NPRHA
No. 1 Derails At Buffalo, North Dakota Collecting "Things NP"	Kuebler, William R., Jr. Reed, Chuck	Mainstreeter Mainstreeter	1991	Article with photos of the derailment on Train No. 1, Westbound Mainstreeter at Buffalo, ND on 2-21-61	Article	10	1	23	1	NPRHA
			1991	Description of Northern Pacific Railway dining service and dining car china and referencing two books, "Dining on Rails, by R. Lukin and "Dining Car Line to the Pacific", by W. McKenzie	Article	10	1	24	1	NPRHA
Book Review Tracking NP	Schrenk, Lorenz P. Makins, Robert	Mainstreeter Mainstreeter	1991	Review of book Dining Car Line to the Pacific by W. McKenzie	Article	10	1	25	1	NPRHA
			1991	Passing of Bob Johnson, Stampede Pass update, Montana update and Bozeman Convention, Caboose update, including description of caboose, former Northern Pacific 1620 (Spokane Int'l. #13) purchase by Robert Makins	Article	10	1	25	3	NPRHA
Waiting in the Hole	Snyder, William	Mainstreeter	1991	Story about Northern Pacific American Standard engine No. 684, 4-4--0, Class C-1, and final display at Bonanzaville,	Article	10	1	27	3	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1991	More detailing Class W-3 Mikado, Northern Pacific Railway material donated to Minnesota Historical Society by Burlington Northern Railway. 2-8-2	Article	10	1	29	2	NPRHA
NP business car Yakima River, Billings, Montana, 9-67	Herson, Matthew J.	Mainstreeter	1991	Northern Pacific Railway Business car Yakima River on rear of North Coast Limited, Billings, Montana, 9-67	Photo	10	1	31	1	NPRHA
W-3 1800 Bromart WA, 5-25-48	Farrow, Albert E.	Mainstreeter	1991	Class W-3 1800 on trestle at Bromart WA before returning to Woodinville WA over Maltby Hill, 5-25-48, Mikado, 2-8-2	Photo	10	1	32	1	NPRHA
NP and SPS at Pasco, Wash	Farrow, Albert E.	Locomotive Quarterly	1991	Collection of photos of Northern Pacific Railway and "SP&S" steam at engine terminal and in action at Pasco WA, 11 Northern Pacific Railway pictures.	Article	XV	1	30	12	Metaphor
NP and SPS at Pasco, Wash	Farrow, Albert E.	Locomotive Quarterly	1991	Collection of photos of Northern Pacific Railway and "SP&S" steam at engine terminal and in action at Pasco WA, 11 Northern Pacific Railway pictures.	Article	XV	1	30	12	Metaphor
A-5 Northern on High-line Bridge, Valley City, ND	Not identified	Mainstreeter	1991	Front cover photo of big A-5 Class Northern crosses the High-line Bridge at Valley City ND, Keywords: Class A-5, steam, locomotive, High-Bridge, 4-8-4	Photo	10	2	1	1	NPRHA
Jamestown Yard and engine facilities From the President	White Drug Co.,	Mainstreeter	1991	Late 1930's aerial view of Jamestown Yard and engine facilities, Keywords: Jamestown, Locomotive facilities, round house	Photo	10	2	2	1	NPRHA
	Tarbox, Gary L.	Mainstreeter	1991	Information for pending Jamestown convention, columnist change for "Waiting in the Hole" from Bill Snyder to Gene Carson, NPRHA membership passes 1000, follow-up on Max King story about the Fireman's Friend.	Column	10	2	4	2	NPRHA
Jamestown: NP's Prairie Hub	Schrenk, Lorenz P.	Mainstreeter	1991	Description of Jamestown ND from 1872 when established as Fort Cross until 1970, includes brief descriptions of Devils Lake, Sykeston, Oberon, James River, Oaks branch lines, and Midland Continental Railroad, with photos: Gas Electric B-11, Jamestown; Main lines converge, Jamestown, westbound, 1935; eastward view Jamestown Yard, 6-30-35; west end Jamestown Yard, early 1950's w/ new Pipestem Bridge; back of Jamestown depot, 1917; RS-1 #158, west end Jamestown Yard; two gas electrics at Jamestown depot, 1950's; passenger train #122 at depot 9-13-32. Keywords: Pipestem River	Article	10	2	5	7	NPRHA

Business Cars of the Northern Pacific: Part 3	Schrenk, Lorenz P.	Mainstreeter	1991	History of Northern Pacific Railway business cars No. 11, 1214, 2nd 14, 1820, 22, 50, 73, 93, 2nd 93, 94, 95, 96, 97, 98, 2nd 98, 99, 2nd 99 100, 2nd 100 3rd 100, 4th 100, A-116, K200 2nd K200, K250, 2nd K250, K300, 2nd K300, K350, K450, 2nd K450, K1000, K1026, K1100, 2nd K1100, K1150, 1151, K200, K1201, K1300, K1350, K1400, K1450, K1475, 1900, 1903 – 1909, 1920, 1989, 1990, 2nd 1990, 3rd 1990, 1991 – 1995, 1996, 2nd 1996, 1997-1999, 4001 "Hunting Car", 5001 Clark For River, Columbia, Crow Wing, Deer Lodge, Gallatin River, Glacier, Green River, Jamestown, Jefferson River, Leaf River, Livingston, Madison River, Minnesota, 2nd Minnesota, Minnetonka, Mississippi, Missouri, Missouri River, Montana, Newport, Oneonta, Pheasant, Pioneer, Rosebud, Salvador, Success, Wonderland, Yakima, Yakima River, Yellowstone, 2nd Yellowstone, 3rd Yellowstone, Yellowstone River, Keywords: Business cars	Article	10	2	13	17	NPRHA
Business Car 11	Aust, Dennis, redrawn by	Mainstreeter	1991	Diagram 40 showing business car 11 as rebuilt by Pullman Company in 1921, last updated 12-30-1940, drawing 24254	Drawing	10	2	14	1	NPRHA
Business Car 12	Aust, Dennis, redrawn by	Mainstreeter	1991	Diagram 41 showing business car 12 as rebuilt by American Car and Foundry in 1924, no date or drawing number	Drawing	10	2	15	1	NPRHA
Superintendent's Car No. 1990	Aust, Dennis, redrawn by	Mainstreeter	1991	Diagram 249 showing Superintendent's Car Northern Pacific 1990, no date or drawing number	Drawing	10	2	15	1	NPRHA
Business Car 14	Aust, Dennis, redrawn by	Mainstreeter	1991	Diagram (unnumbered) showing business car 14 (second 14), rebuilt from observation car Northern Pacific 1703 at Como Shops in 1929, air conditioned at Como Shops 1940, no date or drawing number	Drawing	10	2	16	1	NPRHA
NP&M Business Car 99	Aust, Dennis, redrawn by	Mainstreeter	1991	Diagram (unnumbered) showing Northern Pacific and Manitoba Railway business car 99 (second 99), no date or drawing number. Canadian Northern Railway	Drawing	10	2	16	1	NPRHA
Drawing of Jamestown locomotive facilities	Northern Pacific Railway	Mainstreeter	1991	Centerfold drawing of Jamestown locomotive facilities and car shop, dated July 22, 1953	Drawing	10	2	18	3	NPRHA
Floor Plan and Elevation, Business Car 14	Northern Pacific Railway	Mainstreeter	1991	Centerfold drawing of Business Car 14, dated May 2, 1913, drawing 173758	Drawing	10	2	20	2	NPRHA
Superintendent's Car No. 1993	Aust, Dennis, redrawn by	Mainstreeter	1991	Diagram (unnumbered) showing superintendent's car Northern Pacific 1993 (third 100), no date or drawing number, Old Colony Railroad	Drawing	10	2	21	1	NPRHA
Superintendent's Car No. 1994	Aust, Dennis, redrawn by	Mainstreeter	1991	Diagram (unnumbered) showing superintendent's car Northern Pacific 1994 (first 250), no date or drawing number, duckbill roof, former "hunting car" of F.J. Haynes photos showing narrow observation platform running full length of one side, former Northern Pacific 4001, General Rosser, later outfit car Northern Pacific X-117, "Missouri"	Drawing	10	2	22	1	NPRHA
Superintendent's Car No. 1997	Aust, Dennis, redrawn by	Mainstreeter	1991	Diagram 558 showing superintendent's car 1997 (first 300), drawing No. 20240, "Rosebud"	Drawing	10	2	24	1	NPRHA
Superintendent's Car No. 1992	Aust, Dennis, redrawn by	Mainstreeter	1991	Diagram (unnumbered) showing superintendent's car Northern Pacific 1992 (second 300), no date or drawing number, Old Colony Railroad, former coach Northern Pacific 79	Drawing	10	2	24	1	NPRHA
Business Car No. 1995	Aust, Dennis, redrawn by	Mainstreeter	1991	Diagram (unnumbered) showing business car Northern Pacific 1992 (former Northern Pacific 1450), no date or drawing number, former Barney and Smith 1st Class Coach Northern Pacific 6, later outfit car Northern Pacific X-1	Drawing	10	2	25	1	NPRHA
Superintendent's Car No. 1998	Aust, Dennis, redrawn by	Mainstreeter	1991	Diagram (unnumbered) showing superintendent's car Northern Pacific 1998, duckbill roof, former Jackson and Sharp coach Northern Pacific 104, Cascade Division, no date or drawing number	Drawing	10	2	26	1	NPRHA
Superintendent's Cars Nos. 1900-1901	Aust, Dennis, redrawn by	Mainstreeter	1991	Diagram 241, superintendent's cars 1900 and 1901, changed from Nos. 877 and 878, no date or drawing number, Barney and Smith	Drawing	10	2	26	1	NPRHA
Superintendent's Car No. 1989	Aust, Dennis, redrawn by	Mainstreeter	1991	Diagram 550, superintendent's car 1989, built from coach Northern Pacific 600, Wason Car Company, last updated 1932, drawing 18371	Drawing	10	2	28	1	NPRHA

Superintendent's Car No. 1996 (second)	Aust, Dennis, redrawn by	Mainstreeter	1991	Diagram 250, Superintendent's car 1996 (second), wood, built Barney and Smith 1st Class Coach 873, no date	Drawing	10	2	29	1	NPRHA
Superintendent's Car No. 1998 (as rebuilt)	Aust, Dennis, redrawn by	Mainstreeter	1991	Diagram 559, Superintendent's car 1998 (as rebuilt), rebuilt 1921, used Tacoma Division, no drawing number	Drawing	10	2	30	1	NPRHA
Waiting in the Hole	Carson, Gene	Mainstreeter	1991	Anecdotes about how Ron Nixon took some of his photos, Keywords: Ronald Nixon	Column	10	2	31	1	NPRHA
Tracking the NP	Makins, Robert	Mainstreeter	1991	Largest load over former Northern Pacific tracks by "Schnabel" car12-15-90, Minnesota Transportation Museum gets former Lake Superior Terminal and Transfer SW 1200 #105, former Northern Pacific F9's 6700 and 70002 rebuilt as BN-1 and BN-2 to power business trains, Keywords: Schnabel, Minnesota Transportation Museum, Lake Superior Terminal and Transfer, F-9, diesel, business trains	Column	10	2	32	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1991	W&R cabooses, head end passenger cars, Q-5 and Q-6 Pacifics, round roof box cars, business cars, La Bell arched window passenger car kit, Rivarossi and Roundhouse passenger cars as possible kit bash projects, Keywords: W&R, caboose, passenger cars, Q-5, Q-6, box cars, business cars, La Belle, Rivarossi, MDC Roundhouse	Article	10	2	32	2	NPRHA
X-126 Telegraph Bunk Car, ex- St P&D 100, ex (2nd) NP 10, ex-NP 1903	Not identified	Mainstreeter	1991	X-126 Telegraph Bunk Car, ex- StP&D #100, ex #10, ex-1903, Keywords: office car, X-126, #100, #10	Photo	10	2	35	1	NPRHA
A-3 2665 with train 2 at Jamestown, ND, 1-21-40	McGee, Warren R.	Mainstreeter	1991	NP 2665 with train No.2 North Coast Limited, Jamestown ND, January 21, 1940, Keywords: Class A-3, 4-8-4, Northern	Photo	10	2	36	1	NPRHA
NP 2507, GE U25C	Sager, C.F.	Mainstreeter	1991	Front cover photograph of new Northern Pacific 2507, GE U25C, Duluth Roundhouse, 6-21-64, Keywords: 2507, GE, U25C, Duluth	Photo	10	3	1	1	NPRHA
NP 2500, GE U25C	General Electric	Mainstreeter	1991	Inside front cover photo of rare overhead view 1st U25C 2500 at GE Erie, PA plant, Keywords: 2500, GE, U25C, Erie	Photo	10	3	2	1	NPRHA
From the Editor	Tarbox, Gary L.	Mainstreeter	1991	News of the Jamestown Convention	Column	10	3	4	1	NPRHA
The Second Generation Arrives: GE U25C's on the NP	Tarbox, Gary; et al	Mainstreeter	1991	History and development of the U25C, NP's Paint Scheme and experiences of W. McGee, D. Angle, B. Donegan & G. Gossett, Photos of 2515, Jamestown ND 4-65, 2509; 2511 Paradise, Montana, 7-12-64; U25C rear truck & dynamic brake grids, St Paul MN 4-65; 2515 cab and front truck; St. Paul MN 4-65; View of six-wheel truck for Northern Pacific U35C's, Two U25C's on erecting floor, GE, Erie PA; 2500 at Mississippi St. Yd 6-64; new 2507 Miss. St. Yd.; 2515 left side; 2515 of second order, Jamestown ND 4-65; 2517, 2508, 2515 w/ train 603 E of Paradise, Montana, 7-3-66; 2507 at DeSmet, Montana 6-26-66; 2528 Laurel, Montana 9-8-68; 2505 Clinton, Montana 9-64; 2507 Duluth MN 6-21-64;2518 Miss. St Shop 6-65, Keywords: diesel, General Electric	Article	10	3	5	10	NPRHA
Drawing North Coast Limited Lightweight Sleeper, CB&Q 481	Not identified	Mainstreeter	1991	Drawing North Coast Limited 8-6-3 Lightweight Sleeper, CB&Q 481. "Savanna", "Butte", sleeper-observation cars, "Montana Club",	Drawing	10	3	16	2	NPRHA
North Coast Limited Lightweight Sleeper Savanna CB&Q No. 481	Becker, Jim, Miller, Don	Mainstreeter	1991	History of North Coast Limited Sleeper Savanna, No.481 with details of construction, modifications, and restoration at Illinois Ry. Museum, Keywords: NCL, Sleeper, CB&Q, 481, Savanna	Article	10	3	18	5	NPRHA
Tracking NP	Makins, Robert	Mainstreeter	1991	Stampede Pass Line Purchase decision by Washington State Legislature (never consummated), report on condition of Stampede Tunnel following 8-4-91 fire, photos of tunnel damage, Keywords: Stampede Tunnel, Tunnel 3	Article	10	3	24	1	NPRHA
Waiting in the Hole	Carson, Gene	Mainstreeter	1991	Story of Gilbert Abney firing SP&S 900 Spokane to Pasco on first trip, WA 10-22-37, Keywords: Steam, Class Z-6, Challenger, 4-6-6-4	Column	10	3	25	2	NPRHA
Collecting "Things NP"	Reed, Chuck	Mainstreeter	1991	Tips on collecting Northern Pacific Railway dining car china with patterns, Garnet, Butte, NP-3 (Checkers), Stampede (NP6a), Yellowstone, Monad, Helena, Northwest, and Emerald Green.	Column	10	3	26	2	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1991	History of Northern Pacific Railway Class T and Class T-1 2-6-2 Prairie steam locomotives, modeling Prairie locomotives with photos of Northern Pacific 2305, Northern Pacific 2467 and Northern Pacific 2453, Stewart F-3's. Atlas FP-7's, Microscale Northern Pacific decals and W&R O Scale cabooses,	Column	10	3	27	4	NPRHA
Class T-1 NP 2463 as switcher at Duluth	Meyer, Bruce R.	Mainstreeter	1991	Inside back cover photo of Class T-1 Northern Pacific 2463, switcher at Duluth, 9-2-56.	Photo	10	3	31	1	NPRHA

Sleeper-Observation Car “Montana Club”	Pullman Standard	Mainstreeter	1991	Back cover photo of Sleeper-Observation Car “Montana Club” with redesigned drum-head of North Coast Limited, 6-30-48,	Photo	10	3	32	1	NPRHA
Restored NP 328	Bensman, Gary	Locomotive & Railway Preservation	1991	Restored Northern Pacific 328 on passenger move on SOO tracks. Keyword: S-10, ten-wheeler	Photo		35	C	1	Interurban Press
NP 328 on turntable, Grantsburg, WI	Fredrickson, James M.	Mainstreeter	1991	Front cover photo of crew turning Northern Pacific 328 on turntable at Grantsburg WI, 5-1-50. Keywords: Class S-10, 4-6-0, ten-wheeler	Photo	10	4	1	1	NPRHA
NP 328 at coaling tower, Mississippi St., Minneapolis	Nafus, Milton B.	Mainstreeter	1991	Inside front cover photo of Northern Pacific 328 at coaling tower, Mississippi St., Minneapolis MN. Keywords: Class S-10, 4-6-0, ten-wheeler	Photo	10	4	2	1	NPRHA
From The President	Zieska, Ken	Mainstreeter	1991	Message from new NPRHA president Ken Zieska	Column	10	4	4	1	NPRHA
From the Editor	Tarbox, Gary L.	Mainstreeter	1991	Schedule and use of laser to scan photos for the Mainstreeter.	Column	10	4	4	1	NPRHA
The Grantsburg Branch	Gaertner, John	Mainstreeter	1991	History of the construction and operation of the Grantsburg Branch with photos of Northern Pacific 328 w/ Train 735 at Grantsburg WI on 4-7-50; map of Grantsburg Branch; Northern Pacific 328 w/ 735 St. Croix River bridge; Northern Pacific 328 at Grantsburg depot on 4-7-50; Northern Pacific 328 w/ 735 at Rush City WI on 4-7-50; Grantsburg depot on 4-7-50; Northern Pacific 328 at Grantsburg depot on 4-7-50; Northern Pacific 328 on turntable at Grantsburg on 4-7-50; Northern Pacific 328 on bridge No. 5 St. Croix River on 4-7-50; section crew on speeder at Grantsburg on 1-51; switcher Northern Pacific 1167 on Grantsburg turntable on 1-51; Northern Pacific 1167 with crew on 1-51; Northern Pacific 1167 with last Train No. 736 at Grantsburg, Keywords: switcher, 0-6-0, 4-6-0, ten-wheeler, Class S-10, Class L-10	Article	10	4	5	14	NPRHA
Proposed Removal of Grantsburg Branch and Taylor’s Falls Branch	Northern Pacific Railway	Mainstreeter	1991	Map of Grantsburg WI and Grantsburg Branch, also Taylor’s Falls Branch, showing proposed removal, dated Jan 26, 1943 (finally abandoned in 1951). Keywords: Benson WI, Rush City MN, Taylor’s Falls Branch	Map	10	4	6	1	NPRHA
Lake Superior Division, Grantsburg Branch, Grantsburg-Wisc.	Northern Pacific Railway	Mainstreeter	1991	Maps of Grantsburg WI and Grantsburg Branch, valuation section no. 5, dated 12-4-22. Rush City, McGrath Spur, Benson WI, Canfield WI, Lind Spur, Anderson Spur.	Map	10	4	16	2	NPRHA
The Blueberry Special	Johnson, Martin	Mainstreeter	1991	Personal stories of operation of the Grantsburg Branch from Vincent Johnson and Walt Ostlund with photos of coal train used to hold down St. Croix River bridge from ice jam; Harlan Schermel and Vincent Johnson; Northern Pacific 1167 at Rush City on last trip, 1-16-51; Northern Pacific 1167 on turntable on 1-16-51, “Blueberry Special” mixed train, Keywords: Grantsburg, personal stories, Class L-10, 0-6-0	Article	10	4	20	2	NPRHA
Stampede Hell	King, Max C. “Mickey”	Mainstreeter	1991	Article of operations over Stampede Pass from the time the tunnel opened through the steam era with photos of Martin WA station as west-end ventilation plant blows out smoke in 1944, passenger train leaving Lester WA w/ 2-8-0 pushing circa 1914, Class W 1598 on Lester Turntable circa 1914, west entrance to Stampede Tunnel in 1912 showing ventilation plant and remains of switchbacks, Class Y-2 Northern Pacific 1255 2-8-0 at Lester coal dock, Lester Roundhouse with six 2-8-0s (NP 1215 Class Y-5, others illegible), Keywords: Stampede Pass, tunnel, Lester, Martin, Max King, consolidation, mikado	Article	10	4	22	5	NPRHA
While Waiting in the Hole	Carson, Gene	Mainstreeter	1991	Article giving biographies of Al Farrow, Jim Fredrickson & Warren McGee with a photo of all three, taken by Walter R. Grande. Albert Farrow; James M. Fredrickson	Article	10	4	27	1	NPRHA
Tracking the NP	Makins, Robert	Mainstreeter	1991	BN rebuilds five Northern Pacific Railway cabooses from the 1100 and 1400 series, caboose Northern Pacific 1329 is saved by W. Kirmis, Northern Pacific Railway telephone booth donated to Washington State Railroads Historical Society, Lake Union and Terry Ave. lines in Seattle abandoned, Keywords: cabooses	Column	10	4	28	1	NPRHA
Collecting “Things NP”	Reed, Chuck	Mainstreeter	1991	Article with photos describing cast brass Northern Pacific Railway switch locks, Keywords: Adlake, Slaymaker	Column	10	4	28	2	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1991	Brass Car Sides with Northern Pacific parts, Overland part #9146 F9 cooling coils, Rail Power SD-45 shell, W&R cabooses and Clark side dump cars, Intermountain O scale 1937 AAR 40 ft. boxcar, Eastern Car Wks. HO AAR 65 ft. 70T mill gon #3010, Platte Valley. Model RR Club Northern Pacific reefers, Overland, W&R, Eastern Car Works	Column	10	4	29	2	NPRHA

Work Extra 1614 with Ditcher #8 at Trident Montana	McGee, Warren R.	Mainstreeter	1991	Inside back cover photo of Work Extra 1614 w/ Ditcher #8 at Trident,, Montana on 11-30-46 Keywords: steam ditcher, Class W, mikado, 2-8-2	Photo	10	4	31	1	NPRHA
Santa at Brainerd MN, 12-24-58	Not identified	Mainstreeter	1991	Back cover photo of Santa Claus (Waggie Weignel) at Brainerd, MN, climbing onto locomotive crane #94, 12-24-58 in Dismantle Yard,	Photo	10	4	32	1	NPRHA
Rarest of the Rare: NP's Dome Sleepers	Welsh, Joe	Passenger Train Journal	1991	Design and operating history of the 11 vista dome sleeping cars used on the North Coast Limited. Roster with dispositions and Illinois Central use data. 5 illustrations. Key words: North Coast Limited, dome, sleeper	Article	22	September	26	4	Passenger Train Journal
Wine Train Observation Parlor Car "Cabernet Sauvignon" 1011	The Wine Train	Mainstreeter	1992	Front cover photo showing refurbishment in progress for Wine Train Observation Parlor Car "Cabernet Sauvignon" 1011 nearing completion at Napa, CA, Keywords: Northern Pacific 1214, heavyweight coach, Northern Pacific Railway	Photo	11	1	1	1	NPRHA
F7A 6020A and GP9 278 in snow Jamestown, 3-66	Hoff, Thomas C.	Mainstreeter	1992	F7A Northern Pacific 6020A and GP9 Northern Pacific 278 buried in snow west of Jamestown ND, March 1966, Keywords: snow, blizzard	Photo	11	1	2	1	NPRHA
From the President	Zieska, Ken	Mainstreeter	1992	Planning for Portland convention in 1992 and recap of 1991 convention, Keywords: Portland, convention, 1992	Column	11	1	4	1	NPRHA
The Wine Train	Alexander, Verne	Mainstreeter	1992	Description of the 1200 series Northern Pacific Railway cars now part of the Napa Valley Railroad, Wine Train, rebuilding the cars, traces of Northern Pacific Railway origin, description of Wine Train operation, roster of 1915 Pullman coaches rebuilt in Como Shops, photos, Coach Northern Pacific 1215 in Train 311w/ Q-6 Pacific Northern Pacific 2256, 9-54; Coach Northern Pacific 1206 at Lewiston ID, 6-51; Reserved Seat coach Northern Pacific 1380at Yakima WA, 8-49; interior of WT 1014 (ex Northern Pacific 1227) under rebuild; Parlor Car 1017 'Merlot', interior, complete (ex Northern Pacific 1210; Observation Parlor 1015 'Chardonnay' interior, ex Northern Pacific 1218; Gourmet Diner 1015 'Le Petit Gourmet' interior, ex Northern Pacific 1216; Observation Parlor 1011 "Cabernet Sauvignon", 5-15-90, ex Northern Pacific 1214; former Northern Pacific 1216 as "Le Petit Gourmet" 1015; Parlor Lounge 1017 "Merlot" ex Northern Pacific 1210; Observation Parlor 1018 "Chardonnay" ex Northern Pacific 1218; Roster of Northern Pacific cars owned by Wine Train, Keywords: Wine Train, Napa, Coach, passenger cars, Class Q-6, heavy weight coach, Pullman,	Article	11	1	5	7	NPRHA
Some Background on the NP 1200 Series	Mossman, Richard	Mainstreeter	1992	Background information on Northern Pacific Railway 1200 series heavyweight coaches built by Pullman in 1915, conversion to 1300 series reclining seat deluxe coaches, lounge coach for Winnipeg service, coach sleepers "Nisqually" and "Rainier"	Sidebar	11	1	11	1	NPRHA
The Jamestown Veterans	Kuebler, William R., Jr.	Mainstreeter	1992	Stories of locomotive engineers and conductors from Jamestown ND convention veterans panel telling about operations of the Northern Pacific Railway including snow storms, train handling, fireman duties, passenger trains, special trains, cabooses, steam to diesel. engineer, conductor, stories, blizzard, operations	Article	11	1	13	11	NPRHA
Standard Plan of Details for Combination Depots	Northern Pacific Railroad	Mainstreeter	1992	Drawings of depot door, window and eave details, from standard plans of 1883. J W Kendrick	Drawing	11	1	16	2	NPRHA
Tracking the NP	Makins, Robert	Mainstreeter	1992	Movies "Far and Away" featuring Billings Depot and "River Runs Through It" featuring Livingston, Bozeman and Bozeman Pass, restoration of Billings Depot, Semaphores operating west of Missoula, Mullan Tunnel, Caboose Northern Pacific 1127 and NP1773, Stampede Pass update, Yakima Dinner Train,	Column	11	1	25	1	NPRHA
Waiting in the Hole	Carson, Gene, Kuebler, William R., Jr.	Mainstreeter	1992	Day in the Life of a Dispatcher at Missoula circa 1944, first person story by a Northern Pacific dispatcher as told to Bill Kuebler, Keywords: train, dispatcher, NP	Column	11	1	26	1	NPRHA
Collecting "Things NP"	Reed, Chuck	Mainstreeter	1992	Northern Pacific Railway switch locks and keys including Adlake; Slaymaker; Wilson Bohannon Company; F S Hardware Company; Fram; Adams and Westlake Company	Column	11	1	27	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1992	Cabooses by W&R, & PFM, Atlas GP7, Bowser parts, Key A-1, Microscale decals, Overland O-scale Z-8 and HO Chip Cars, Keywords: W&R, Atlas, GP7, decals, Overland, Z-8, chip cars	Column	11	1	28	3	NPRHA

Feedback (on U25-28C locomotives)	Lamphier, Thomas J.	Mainstreeter	1992	Letter to Pat Egan about problems with the GE U25C and U28C locomotives, Letter attributed to poor truck design; letter by Tom Lamphier, retired president of Burlington Northern, Inc. Transportation Division.	Letter	11	1	30	1	NPRHA
Q-6 2235 pushing NCL east at Muir, Montana, to Bozeman Tunnel	McGee, Warren R.	Mainstreeter	1992	Inside back cover photo of Class Q-6 Northern Pacific 2235 pushing North Coast Limited east at Muir, Montana, to Bozeman Tunnel.	Photo	11	1	31	1	NPRHA
Wine Train Observation-Parlor car "Chardonnay" #1018	Alexander, Verne	Mainstreeter	1992	Back cover photo of Wine Train Observation-Parlor car "Chardonnay" #1018, former Northern Pacific 1218.	Photo	11	1	32	1	NPRHA
North Coast Limited near Livingston Montana	Wolverton, Bill	Mainstreeter	1992	Front cover photo of North Coast Limited, Train 1, near Livingston, Montana in October 1939.	Photo	11	2	1	1	NPRHA
Class A-2, NP 2657 with North Coast Limited near Medora ND	Wolverton, Bill	Mainstreeter	1992	Inside front cover photo of Class A-2 Northern, Northern Pacific 2657 with Train 2 near Medora ND in June 1940, Keywords: North Coast Limited, 4-8-4	Photo	11	2	2	1	NPRHA
From the President	Zieska, Ken	Mainstreeter	1992	Questions of the membership to improve NPRHA, Portland Convention, 1992 and spotting Northern Pacific freight cars	Column	11	2	4	1	NPRHA
North Coast Limited in the Summer of 1939	Barry, John; Egan, Patrick; Mossman, Richard	Mainstreeter	1992	Article describing the equipment, consists, schedule and operation of the North Coast Limited in summer 1939, photos: Northern Pacific 1539 helps Northern Pacific 2607 at Elvaro Hill, 9-20-39; schedule; Q-6 Northern Pacific 2250 at 15th St. in Tacoma WA 1950; Class A Northern Pacific 2601 w/Train 407 at Tacoma in 1953 diagrams.	Article	11	2	5	5	NPRHA
Deluxe Coaches; Nos. 1350-1359, Diagram 163	Northern Pacific Railway	Mainstreeter	1992	Diagram 163 showing Deluxe Coaches 1350 – 1359, Drawing 39979	Drawing	11	2	7	1	NPRHA
Plan 3973-A, Cars Equipped with Pullman Mechanical Air Conditioning System – With Auxiliary Holdover	Mainline Modeler	Mainstreeter	1992	Drawing reproduced from Mainline Modeler showing Pullman sleepers in 10-1-1 configuration, with names of cars built to Pullman Plan 3973-A	Drawing	11	2	8	1	NPRHA
Deluxe Coaches; Nos. 1360-1366, Diagram 164	Northern Pacific Railway	Mainstreeter	1992	Diagram 164 showing Deluxe Coaches 1360 – 1366, Drawing 41956	Drawing	11	2	9	1	NPRHA
Diners, Nos. 1658-1660, 1663-1666, 1668-1672	Northern Pacific Railway	Mainstreeter	1992	Diagram (unnumbered) showing Diner Nos. 1658-1660, 1663-1666, 1668-1672, drawing 30114, drawing 43025	Drawing	11	2	10	1	NPRHA
Baggage Cars, Nos. 1517-1563, 1567 – 1576, scattered; Diagram 97	Northern Pacific Railway	Mainstreeter	1992	Diagram 97 showing baggage cars, Nos. 1517-1563, 1567 – 1576, scattered; drawing 24212, drawing 24213, drawing 25204, drawing 33289	Drawing	11	2	10	1	NPRHA
Portland, the NP and Henry Villard	Ainsworth, Walt	Mainstreeter	1992	Article describing Northern Pacific Railroad's early operation to Portland OR using the Oregon Railroad and Navigation Company (OR&N) route; the rise and fall of Henry Villard; Northern Pacific Terminal Co., photos: Villard's Golden Spike train on ferry at Ainsworth WA crossing the Snake River in September 1883; ferry Tacoma; Villard; W. Portland scene with OR&N depot used by Northern Pacific Railroad in 1887; Class C-6 Northern Pacific 238 (later Northern Pacific 761) 4-4-0 Standard with passenger train at Columbia City OR, 1-1884; Class P 4-6-0 Northern Pacific 271 with passenger train at Goble OR; ferry Tacoma at Portland in June 1884; ferry Tacoma docked at Kalama. WA with Consolidation Class F Northern Pacific 142 (later Northern Pacific 97) and Northern Pacific 348 (probably Class C-1 4-4-0, later Northern Pacific 690) and passenger train, early 1890's; map NPT West Portland Yard in 1905. Keywords, "Oregon & California Railroad"	Article	11	2	10	10	NPRHA
Heavyweight Passenger Car Stenciling Diagram	Northern Pacific Railway	Mainstreeter	1992	Centerfold two-page stenciling diagram of heavyweight passenger car dated April 2, 1921 revised through July 31, 194222, series B-541, drawing 23896-G	Drawing	11	2	16	2	NPRHA

The Yacolt Branch	Ainsworth, Walt	Mainstreeter	1992	Article describing the organization, construction, operation of the Portland, Vancouver & Yakima Ry. (PV&K), purchase by Northern Pacific Railway via Washington Railway and Navigation Company and reorganization as Yacolt Branch; logging on the line; the "Lewis & Clark Railway"; photos: PV&K #1 4-4-0 with passenger train at Vancouver WA on 5-8-1898; Yacolt WA depot and town in 1907; Class S ten-wheeler Northern Pacific 153 with train at Yacolt about 1910; Yacolt in 1992; Class V Shay Northern Pacific 8 at Centralia in 1910; Class V-2 Heisler Northern Pacific 4 in June 1907; Class V Shay Northern Pacific 9; map of Yacolt Branch; Harbor Plywood No. 12, 2-6-6-2T with log train on 9-9-57; Class W-2 mikado Northern Pacific 1911 at Yacolt with fan train on 8-26-56.	Article	11	2	21	6	NPRHA
Waiting in the Hole	Carson, Gene; Novit, Ed	Mainstreeter	1992	Story by Ed Novit relating an interview anecdote told by Arnold McFarland about operations over Stampede and closure of toilets in the Tacoma Watershed, Keywords: Stampede, Tacoma Watershed	Article	11	2	28	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1992	Description of North Coast Limited heavyweight equipment and modeling of the train both in brass and kit bashing plastic models; plastic suggestions include Rivarossi baggage and mail-baggage are fairly close; Athearn baggage and mail-baggage require substantial modification; sixty-four foot RPO from splicing two Rivarossi mail-baggage, and using leftovers for a baggage; early dorm modified from Rivarossi mail-baggage; 1942 dorms from kitbashed Rivarossi 12-1 sleeper; coaches are a problem; lightweight coach somewhat like Athearn coach; diner somewhat like Bachmann Pennsylvania diner; 10-1-1 sleeper from Rivarossi 12-1 sleeper; observation from extensive kitbash of Rivarossi 12-1 sleeper or Bachmann Pennsylvania observation; notes on appropriate locomotives.	Article	11	2	28	3	NPRHA
Cutting the ribbon for the first locomotive into the Livingston drive-through service shop, 6-25-57	McGee, Warren R.	Mainstreeter	1992	Inside back cover photo of the first locomotive through the Livingston drive through locomotive maintenance shop with Pauline Leitch, Kay Erickson and Juanita Sandman holding the ribbon with J. Gould at the controls, Keywords: Livingston locomotive facility	Photo	11	2	31	1	NPRHA
Helper 1808 w/ 2610 & 1st # 2, Marent Trestle, 7-39	Nixon, Ronald V.	Mainstreeter	1992	Back cover photo of helper Northern Pacific 1808 and road locomotive Northern Pacific 2610 with 1st No. 2 on Evaro Hill crossing Marent Trestle in July 1939, Keywords: Class W-3, Mikado, 2-8-2, Class Q-4, 4-6-2, pacific, Marent, Montana, North Coast Limited	Photo	11	2	32	1	NPRHA
SP&S 700 painted as NP A-3 2668, Portland OR 7-19-92	Herson, Matthew J.	Mainstreeter	1992	Front cover photo of Class A-3 Northern, Northern Pacific 2668 (SP&S 700 in disguise) at Portland OR on 7-19-92 at NPRHA convention, Keywords: SP&S Class E-1, steam, 4-8-4	Photo	11	3	1	1	NPRHA
NP Water tank at Roy WA 8-90	Armbruster, Kurt E.	Mainstreeter	1992	Inside front cover photo of one of the last Northern Pacific water tanks at Roy WA on the original Northern Pacific mainline, August 1990, Keywords: Prairie Line	Photo	11	3	2	1	NPRHA
From the President	Zieska, Ken	Mainstreeter	1992	Portland Convention, SP&S 700 under steam	Column	11	3	4	1	NPRHA
The North Coast Limited in the Summer of 1939 Part 2	Barry, John; Egan, Patrick; Mossman, Richard	Mainstreeter	1992	Second part of a 2 part series on the North Coast Limited in August 1939, describes the locomotives, head end cars, baggage-dormitory cars, passenger cars, dining cars, sleeping cars, observation cars, business cars, eastern consists, Tacoma service, Keywords: Northern, Class A, Class A-1, Class A-2, Class A-3, 4-8-4, Pacific, Class Q-5, Class Q-6 Class 4-6-2, Mikado, Class W-1, Class W-3, 2-8-2, Class Z-6, Class Z-7, Class Z-8, Challenger, 4-6-6-4, baggage, dormitory-smoker, coach, dining car, sleeper, tourist sleeper.	Article	11	3	5	10	NPRHA
Diagram 10 of Dormitory-Baggage Car	Northern Pacific Railway	Mainstreeter	1992	Diagram 10 of Dormitory-Baggage Car, Nos 1480 (ex 1423), 1483 (ex 1424), 1486 (ex 1437), 1487 (ex 1422), cars converted from Mail-Express	Drawing	11	3	6	1	NPRHA
Diagram of Smoker	Northern Pacific Railway	Mainstreeter	1992	Diagram (unidentified) of smoker coaches, Nos 1164, 1167, 1170, 1173, 1176, 1177, 1179, rebuilt form coaches by Pullman in 1922. dormitory-smoker	Drawing	11	3	7	1	NPRHA
Diagram of Deluxe Coaches Nos. 1300-1303	Northern Pacific Railway	Mainstreeter	1992	Diagram (unidentified) of Deluxe Coaches Nos 1300-1303, identical to "CB&Q" 4600 and 4601, built by Pullman 1935	Drawing	11	3	8	1	NPRHA
Diagram 165 of Deluxe Coaches Nos. 1370-1379	Northern Pacific Railway	Mainstreeter	1992	Diagram 165 of Deluxe Coaches Nos 1370-1379, rebuilt from coaches and smokers at Como in 1936 and 1937, drawing 41256	Drawing	11	3	9	1	NPRHA
Diagram 208 of Diner Nos. 1692, 1693, ex 1695, ex 1697	Northern Pacific Railway	Mainstreeter	1992	Diagram 208 of Diner Nos 1692, 1693, ex 1695, ex 1697, built by Pullman 1930, drawing 51178	Drawing	11	3	9	1	NPRHA

Diagram 206 of Diner Nos. 1677-1679	Northern Pacific Railway	Mainstreeter	1992	Diagram 206 of Diner Nos 1677-1679, built by Pullman in 1915 and remodeled at Como in 1936-1937	Drawing	11	3	10	1	NPRHA
Diagram 232 of Sleepers – Poplar Series, Nos. 740-743	Northern Pacific Railway	Mainstreeter	1992	Diagram 232 of Sleepers – Poplar Series, Nos 740-743, Pullman plan 4084, 6 section-6 bedroom, Poplar Acres, Poplar Gap, Poplar Glade, Poplar Hollow, CB&Q Poplar Branch, CB&Q Poplar Flat., Purchased from Pullman in 1948, drawing 55925. 6-6	Drawing	11	3	11	1	NPRHA
Diagram 231 of Sleepers – Chief Series, Nos. 700-724	Northern Pacific Railway	Mainstreeter	1992	Diagram 231 of Sleepers – Chief Series, Nos. 700-724, Pullman plan 3973a, 10 section-1 drawing room-1 compartment, purchased from Pullman in 1948, drawing 55914. 10-1-1	Drawing	11	3	12	1	NPRHA
Pullman Heavyweight Passenger Car, Plan 2412	Not Identified	Mainstreeter	1992	Drawing of Pullman Heavyweight Passenger Car, Plan 2412, Reprinted from Mainline Modeler, 16-section sleeper, tourist sleeper	Drawing	11	3	13	1	NPRHA
Diagram 213 of Observation Car, Nos. 1710-1719	Northern Pacific Railway	Mainstreeter	1992	Diagram 213 of Observation Car, Nos 1710-1719, built by Pullman 1926	Drawing	11	3	14	1	NPRHA
NP F-Unit Freight Styling and paint Diagram	Northern Pacific Railway	Mainstreeter	1992	Styling and paint diagrams for Northern Pacific F-9 units, EMD redrawn by D. Aust, 6-87, drawing 8138017, drawing 8157367	Drawing	11	3	16	2	NPRHA
Painting NP Freight F-units	Hoff, Thomas C.	Mainstreeter	1992	Article describing methods to paint HO F-units in the Northern Pacific Railway black freight paint scheme,	Article	11	3	18	2	NPRHA
Waiting in the Hole	Carson, Gene; Bursack, William	Mainstreeter	1992	Early Days at the Depot describes business and life around the Jamestown ND depot	Article	11	3	20	2	NPRHA
Collecting “Things NP”	Reed, Chuck	Mainstreeter	1992	Collecting short globe and tall globe kerosene Northern Pacific Railway lanterns: Adams and Westlake; Dressel Lantern Co.; Armspear Lantern; Handlan Lantern; note on restoration of Toppenish WA depot	Article	11	3	21	2	NPRHA
From the Editor	Tarbox, Gary L.	Mainstreeter	1992	The passing of Bill Wolverton, Northern Pacific Railway mechanical engineer; Portland 1992 convention; photo of Class S-4 Northern Pacific 1384 at Auburn in 1947, Keywords: ten-wheeler, 4-6-0, dynamometer car.	Column	11	3	23	1	NPRHA
Tracking the NP	Makins, Robert	Mainstreeter	1992	SP&S 700 as Northern Pacific 2668 at Portland convention, Mullan and Homestake Pass update, Northern Pacific Scenic Railroad proposal for Homestake Pass, Northern Pacific 1026 caboose for sale, Spokane depot renovation, Northern Pacific Railway diesels still active on BN.	Column	11	3	24	1	NPRHA
The NP in Video	Egan, Patrick	Mainstreeter	1992	An accounting of the videos available on Northern Pacific Railway, including those from the NPRHA Company Store, Sunday River Productions and Green Frog.	Article	11	3	25	1	NPRHA
Kitbashing NP Caboosees	Hastings, William	Mainstreeter	1992	A description of kitbashing Northern Pacific Railway side door caboose 1499 from Roundhouse kit #3430 in HO, with drawings, and a photo.	Article	11	3	26	2	NPRHA
NP Class T 2378, builders photo	ALCO	Mainstreeter	1992	Class-T Prairie, Northern Pacific 2378, 2-6-2 builders photo, 1906, Walschaerts valve gear	Photo	11	3	27	1	NPRHA
Tacoma Division Time Table Directions	Northern Pacific Railway	Mainstreeter	1992	A map of Northern Pacific Railway Tacoma Division Time Table Directions, dated 2-27-46.	Drawing	11	3	28	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1992	HO scale: West Shore Line HO 40-ft round roof Double Door box car car, kit 9254 as Northern Pacific 39000-39334; Hobbystown of Boston - rumor of HO power chassis for GP 7-9-20; Islington Station Products decals for Northern Pacific 2,000 cu ft gray covered hoppers; Life Like GP-18 in two Northern Pacific numbers; Kevin's Decals with Northern Pacific Lettering for 40 Ft. combination 8ft plug and 6ft sliding door box cars, including 1297-1298, 3000-3399, 8000-9200; W&R second batch of Northern Pacific wood cabooses, Clark side dump cars, head-end and dynamometer cars, 4-8-4 A-2, A-3, SP&S E-1, A-4 and A-5, heavyweight passenger cars, truss rod box car 18000-49999 series, a four car MOW set, bunk cars and foreman cars, and Northern Pacific 100,000 gallon water steel frame water tanks.	Column	11	3	29	2	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1992	O scale: Red Caboose GP-9; W&R proposed Class Q-5 and Q-6 4-6-2.	Column	11	3	29	2	NPRHA
Class A-1 NP 2626 at Yakima WA on 9-25-52	Felstead, Charles	Mainstreeter	1992	Inside back cover photo of Class A-1, Northern Pacific 2626 at Yakima WA on 9-25-52. Keywords: Steam, Timken, 4-8-4, Northern, Four Aces	Photo	11	3	31	1	NPRHA
SP&S E-1 700, as NP A-3 2668, Portland, OR 7-18-92	Johnsen, Kenneth G.	Mainstreeter	1992	Back cover photo of SP&S Class E-1 700, as Class A-3 Northern Pacific 2668 at Portland OR on 7-18-92, Keywords: Northern, 4-8-4	Photo	11	3	32	1	NPRHA
NP 2626 at Easton, WA in 1943	Fredrickson, James M.	Mainstreeter	1992	Front cover photograph of roundhouse Foreman Doug Gordon prepares to spot Northern Pacific 2626 for servicing at Easton WA in summer of 1943. Timken, Class A-1, Northern, 4-8-4, Four Aces, 1111	Photo	11	4	1	1	NPRHA

2626 as 1111 builder's photo	American Locomotive Company	Mainstreeter	1992	Inside front cover photograph of builder's photo, front of Timken TRBX 1111 "Four Aces". Northern Pacific 2626, Northern, Class A-1, 4-8-4	Photo	11	4	2	1	NPRHA
From the President	Zieska, Ken	Mainstreeter	1992	News of the 1993 St. Paul convention, Louis T. Renz, book donation, Montana Rail Link purchase of east end of Butte Hill Line near Whitehall, Montana.	Column	11	4	4	1	NPRHA
'Four Aces' – Timken's Winning Hand!	Shrenk, Lorenz P.	Mainstreeter	1992	History of the concept, building, testing and purchase by Northern Pacific Railway of Timken 1111, 'Four Aces'; photos: Timken TRBX 1111 on demonstration run with Northern Pacific dynamometer car Northern Pacific 278; 1111 Alco builder's photo; 1111 on demonstration run at Logan, Montana in January 1932; 1111 on demonstration run at Livingston, Montana on 12-22-31; plaque on 1111 tender listing businesses and materials for the locomotive; builder's photo of TRBX 1111 tender; three men and a boy pulling 1111 in 1930 on Pennsy; photos of 1111 and of Northern Pacific 2626 in 1934 showing comparisons after Northern Pacific modifications; Northern Pacific 2626 with Locomotive Foreman Fitzgerald at Missoula, Montana in 10-35; Northern Pacific 2626 prior to the May 1935 shopping; Northern Pacific 2626 at Spokane after the May 1935 shopping; Northern Pacific 2626 at Easton WA in summer 1943; Northern Pacific 2626 at Trout Creek, Montana with second No. 2 EB North Coast Limited on 9-7-44; Northern Pacific 2626 at Missoula, Montana with second No. 3 Alaskan on 7-30-44; Northern Pacific 2626 at Seattle roundhouse in 1948; Northern Pacific 2626 at Portland OR on 4-14-47; Northern Pacific 2626 at Seattle roundhouse on 10-1-52; Northern Pacific 2626 with No. 408 by 21st Street switch tender in Tacoma, late 1948; Northern Pacific 2626 at Portland roundhouse on 4-6-50; Northern Pacific 2626 with diner 1678 at Tacoma; Northern Pacific 2626 tender inscription noting Timken journals, summer 1958; Northern Pacific 2626 cab detail at Seattle roundhouse in 1956; Northern Pacific 2626 with Seattle-Hoquiam train No. 422 on 5-12-53 at Auburn; Northern Pacific 2626 with PTA special at Kanaskat WA in 1953, Keywords: Class A-1, Four Aces, Timken, dynamometer car, steam, Northern, 4-8-4	Article	11	4	5	24	NPRHA
An Engineer Rides The Timken	King, Max C. "Mickey"	Mainstreeter	1992	A story of operation of Northern Pacific 2626 by Max King between Seattle and Portland. Keywords: Class A-1, 1111, Timken, Four Aces, Northern, steam, 4-8-4	Article	11	4	15	1	NPRHA
Drawing of NP 2626	Not identified	Mainstreeter	1992	Erection card drawing of Northern Pacific 2626 from Railway Age, May 24, 1930 and description of mechanical details from Railway Mechanical Engineer, June 1930. Timken, 1111, Northern, 4-8-4, Four Aces, Class A-1	Drawing	11	4	16	2	NPRHA
Recollections of the Timken Engine, NP No. 2626	Alexander, Robert V.	Mainstreeter	1992	Story of a Northern Pacific Railway engineer who operated Northern Pacific 2626, photos: Northern Pacific 2626 and Northern Pacific 2601at Lester WA on 12-13-55; Northern Pacific 2626 at Seattle on 8-14-56; Northern Pacific 2626 with train No 408 at Seattle in 1954; Northern Pacific 2626 at Seattle on 10-54; Northern Pacific 2626 at Lander Street in Seattle on 5-14-54. Class A-1, 4-8-4, Northern, steam, Timken, 1111, Four Aces	Article	11	4	25	4	NPRHA
Diagram of Class A-1, No. 2626	Northern Pacific Railway	Mainstreeter	1992	Diagram of Class A-1 Northern 4-8-4, Northern Pacific 2626, formerly Timken 1111	Diagram	11	4	26	1	NPRHA
Diagram of Tender Class 55E-1 formerly Timken 1111	Northern Pacific Railway	Mainstreeter	1992	Diagram of Tender Class 55E-1 for Northern Pacific 2626, formerly Timken 1111, showing tender as built by ALCO.	Diagram	11	4	26	1	NPRHA
Modeling the Timken	Egan, Patrick	Mainstreeter	1992	Timken engine models, suggestions for kitbashing Northern Pacific 2626. 1111, Four Aces, Northern, 4-8-4	Article	11	4	29	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1992	HO scale: Overland is promising Northern Pacific Railway steel cabooses and F-units, Shoreham Shops is promising lightweight passenger cars; W&R decals for Clark dump cars; Walthers HO 53'6" flat cars, Keywords: Northern Pacific caboose, F-Units, flat car, passenger car O scale: Pacific Limited 53'6" flat car	Column	11	4	29	2	NPRHA

Four Aces with Pennsylvania RR freight, summer 1930, prior to becoming NP 2626	The Timken Co.	Mainstreeter	1992	Inside back cover photo of Four Aces, TRBX 1111 prior to Northern Pacific 2626 with Pennsylvania RR freight, summer 1930. Timken, steam, Class A-1, Northern, 4-8-4	Photo	11	4	31	1	NPRHA
NP 2626 nearing Kanaskat, WA on final Steam Trip	Farrow, Albert E.	Mainstreeter	1992	Back cover photo of Northern Pacific 2626 nearing Kanaskat WA on final steam trip, pulling a "Casey Jones Special" to Cle Elum and return, August 4, 1957. Class A-1, Timken, 1111, Four Aces, Northern, 4-8-4,	Photo	11	4	32	1	NPRHA
That Must Be One of the Old Ones	Richards, Sam	Trains	1992	BN GP-9 photo and extended caption on Manhattan-Anceny, Montana branch. Keyword: Amsterdam, Anceny.	Photo	52	Jun	60	2	Kalmbach, Milwaukee, WI
Extra 5132 West near Logan, Montana	McGee, Warren R.	Mainstreeter	1993	Front cover, photo of Extra 5132 West near Logan,, Montana detouring through Butte because of Mullan tunnel collapse in 1949	Photo	12	1	1	1	NPRHA
NP 373 in Minneapolis	Raia, William A.	Mainstreeter	1993	Inside front cover of GP-9 and F-7B pulling cars in Minneapolis yard, date May 1960	Photo	12	1	2	1	NPRHA
From the President	Zieska, Ken	Mainstreeter	1993	President's column, information about pending convention	Column	12	1	4	1	NPRHA
Norman M. Lorentzen Part 1 – A Career in Railroadng	Kuebler, William R., Jr.	Mainstreeter	1993	Interview with Norm Lorentzen about his early career with the Northern Pacific, including train service in 1930s, service in Butte during the Mullan Tunnel collapse, working with Carl Burgess, Rocky Mountain and Idaho Division operations in 1950s, the 1968 BN merger that wasn't, opinion of the 1970 merger	Article	12	1	5	12	NPRHA
Warren McGee Remembers the Butte Detour	Egan, Patrick	Mainstreeter	1993	Warren McGee's memories of operation as a trainman during the Butte detour in 1949	Article	12	1	10	1	NPRHA
Plan of Single Bucket Hoist 2 Track Coal Dock	Northern Pacific Railway	Mainstreeter	1993	Plan for single bucket hoist 2 track coal dock at Whitehall,, Montana dated April 28, 1917	Drawing	12	1	16	2	NPRHA
A Last Look at the 1939 North Coast Limited – For a While	Egan, Patrick	Mainstreeter	1993	1939 North Coast Limited, heavyweight, route on Burlington from Chicago to St. Paul, engines used by Burlington; Yellowstone Park train service; Trains 3 and 4 - The Alaskan, Trains 5 and 6, Trains 11 and 12 – St. Paul-Mnneapolis and International Falls Express; Trains 13 and 14 – Manitoba Limited, Trains 55, 56, 57 and 58 – Staples and Duluth/Superior; Trains 61 and 62 – St. Paul-Twin Ports Local; Trains 65 and 66 – Twin Cities-Twin Ports Express; Trains 221 and 222 – Logan and Helena; Trains 235 and 236 – Logan and Helena; Trains 287 and 288 – Butte and Garrison; Trains 311, 312, 313, and 314 – Spokane and Lewiston; Trains 347 and 348 – Pasco and Walla Walla; Trains 401, 402, 407, 408, 422, 423, 458, 459, 461, 464, 561 and 562 Seattle-Tacoma-Portland and Seattle- Grays Harbor. 'CB&Q'	Article	12	1	19	3	NPRHA
Feedback	Berntsen, Edward M.	Mainstreeter	1993	Letter from Ed Berntsen regarding through sleeper service from Seattle to the Bay Area on Southern Pacific, also Northern Pacific 1507 and 1508 baggage cars and "The Gray Fox", Business car Northern Pacific 11, Chief series sleepers, lightweight sleepers Northern Pacific 364 and 365. SP, Cascade, Portland.	Column	12	1	21	2	NPRHA
While Waiting "In the Hole"	Carson, Gene,	Mainstreeter	1993	Column of Trivia and Tall Tales of the NP: Northern Pacific 1031 Class L-7 0-6-	Column	12	1	23	2	NPRHA
Collecting "Things NP"	Bursack, Bill	Mainstreeter	1993	O switcher, valve gear, Stevenson, Walschaerts	Column	12	1	25	2	NPRHA
Modeling GP-18s and GP-9s	Reed, Chuck	Mainstreeter	1993	Dietz Tall globe Lanterns, Dietz Inspection Lamp, "tea pot" lamp.	Column	12	1	26	4	NPRHA
	Egan, Patrick	Mainstreeter	1993	Artile on modeling GP-18 and GP-9 locomotives, with discussion of many detail parts, and locomotives available in HO, O and N scales	Article	12	1	26	4	NPRHA
From the Editor	Egan, Patrick	Mainstreeter	1993	Administrative issues	Column	12	1	30	1	NPRHA
Alco S-2 with train in Duluth	Raia, William A.	Mainstreeter	1993	Inside back cover photo of Alco S-2 with train in Duluth, September 1962	Photo	12	1	31	1	NPRHA
Extra 1733 West near Welch, Montana with Spire Rock in background	McGee, Warren R.	Mainstreeter	1993	Back cover photo of helpers on Extra 1733 west near Welch,, Montana with Spire Rock in background, 9-4-1948, helpers are Z-3 NP4019 and W-3 Northern Pacific 1761.	Photo	12	1	32	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1993	New items: Accurail HO 40 ft steel box; Accurail HO 40 ft outside braced box; Atlas S-2 and S-4; Live Like GP-18; MDC No 1 scale 40-ft steel box; Pacific Limited O scale Northern Pacific bay window caboose and 40 ft box; Pacific Rail Shop O, HO, and S 1937 AAR box, Kevin Piper decals for hoppers; 'W&R' 4-8-4 and lightweight business cars.	Column	12	1			NPRHA
Mississippi Street Tower	Not identified	Mainstreeter	1993	Front Cover, Mississippi Street Tower in St. Paul, MN	Photo	12	2	1	1	NPRHA
Builder's photo of air dump car NP 89048	Clark Car Company	Mainstreeter	1993	Inside front covert photo of air dump car Northern Pacific 89048, Clark Car Co. of Cambria, PA, builder's photo, april 1920	Photo	12	2	2	1	NPRHA
From the Editor	Barry, John W.	Mainstreeter	1993	Solicitation for assistance with the Mainstreeter	Column	12	2	3	1	NPRHA

Northern Pacific's Mechanical Reefers	Sandrin, Jim	Mainstreeter	1993	History of general and Northern Pacific-specific development of the mechanical reefer, summary of mechanical refrigerator car purchases, traffic patterns, maintenance, painting and lettering, 14 equipment diagrams, 9 photographs, extensive references. NPM NPMX, NHIX	Article	12	2	5	11	NPRHA
Diagram 155, Refrigerator Car, RP, NPM 100-149	Northern Pacific Railway	Mainstreeter	1993	Diagram of Refrigerator Car-RP, mechanical refrigeration – electric heating, steel sheathed – steel underframe, NPM 100-149, built by 'PC&F' 1955, 53-ft.	Drawing	12	2	6	1	NPRHA
Diagram 156, Refrigerator Car, RP, NPM 150-249	Northern Pacific Railway	Mainstreeter	1993	Diagram of Refrigerator Car-RP, mechanical refrigeration – electric heating, steel sheathed – steel underframe, NPM 150-249, built by 'PC&F' 1956, 53-ft.	Drawing	12	2	7	1	NPRHA
Diagram 156-A, Refrigerator Car - RP, NPM 250-299	Northern Pacific Railway	Mainstreeter	1993	Diagram of Refrigerator Car – RP, mechanical refrigeration – electric heating, steel sheathed – steel underframe, NPM 250-299, built by 'PC&F' 1959, 53-ft.	Drawing	12	2	7	1	NPRHA
Diagram 157, Refrigerator Car – RP, NPM 501-525	Northern Pacific Railway	Mainstreeter	1993	Diagram of Refrigerator Car – RP, mechanical refrigeration – electric heating, steel sheathed – steel underframe, NPM 501-525, built by 'PC&F' 1958, 43-ft.	Drawing	12	2	8	1	NPRHA
Diagram 156-B, Refrigerator Car – RP, NPM 300-399	Northern Pacific Railway	Mainstreeter	1993	Diagram of Refrigerator Car – RP, mechanical refrigeration – electric heating, steel sheathed – steel underframe, NPM 300-399, built by 'PC&F' 1960, 53-ft.	Drawing	12	2	9	1	NPRHA
Diagram 156-C, Refrigerator Car – RPL, NPM 400-449	Northern Pacific Railway	Mainstreeter	1993	Diagram of Refrigerator Car – RPL, mechanical refrigeration – electric heating, steel sheathed – steel underframe, NPM 400-449, built by 'PC&F' 1961, 54-ft.	Drawing	12	2	10	1	NPRHA
Diagram 156-D, Refrigerator Car – RP, NPM 450-499	Northern Pacific Railway	Mainstreeter	1993	Diagram of Refrigerator Car – RP, mechanical refrigeration – electric heating, steel sheathed – steel underframe, NPM 450-499, built by 'PC&F' 1962, 54-ft.	Drawing	12	2	11	1	NPRHA
Diagram 157-B, Refrigerator Car – RPL, NPM 526-550	Northern Pacific Railway	Mainstreeter	1993	Diagram of Refrigerator Car – RPL, mechanical refrigeration – electric heating, steel sheathed – steel underframe, NPM 526-550, built by 'PC&F' 1963, 59-ft.	Drawing	12	2	12	1	NPRHA
Diagram 157-F, Refrigerator Car – RPL, NPM 631-725	Northern Pacific Railway	Mainstreeter	1993	Diagram of Refrigerator Car – RPL, mechanical refrigeration – electric heating, steel sheathed – steel underframe, NPM 631-725, built by 'PC&F' 1965, 59-ft.	Drawing	12	2	13	1	NPRHA
Diagram 157-C, Refrigerator Car – RPL, NPM 551-620	Northern Pacific Railway	Mainstreeter	1993	Diagram of Refrigerator Car – RPL, mechanical refrigeration – electric heating, steel sheathed – steel underframe, NPM 551-620, built by 'PC&F' 1964, 59-ft.	Drawing	12	2	13	1	NPRHA
Diagram 157-G, Refrigerator Car – RPL, NPM 726-870	Northern Pacific Railway	Mainstreeter	1993	Diagram of Refrigerator Car – RPL, mechanical refrigeration – electric heating, steel sheathed – steel underframe, NPM 726-870, built by 'PC&F' 1966, 59-ft.	Drawing	12	2	14	1	NPRHA
Diagram 157-J Refrigerator Car – RPL, NPM 876-975	Northern Pacific Railway	Mainstreeter	1993	Diagram of Refrigerator Car – RPL, mechanical refrigeration – electric heating, steel sheathed – steel underframe, NPM 876-975, built by 'PC&F' 1967, 61-ft.	Drawing	12	2	14	1	NPRHA
Diagram 157-K Refrigerator Car – RPL, NPM 1500-1599	Northern Pacific Railway	Mainstreeter	1993	Diagram of Refrigerator Car – RPL, mechanical refrigeration – electric heating, steel sheathed – steel underframe, Evans 2 Piece Load Dividers and Side Fillers, NPM 1500-1599, built by 'PC&F' 1967, 61-ft.	Drawing	12	2	15	1	NPRHA
Diagram 157-L Refrigerator Car – RPL, NPM 1600-1649	Northern Pacific Railway	Mainstreeter	1993	Diagram of Refrigerator Car – RPL, mechanical refrigeration – electric heating, steel sheathed – steel underframe, Equip Co Load Dividers, NPM 1600-1649, built by 'PC&F' 1964, 61-ft.	Drawing	12	2	15	1	NPRHA
Mississippi Street Shop Complex, St. Paul, MN	Northern Pacific Railway	Mainstreeter	1993	Drawing of Mississippi Street Shop Complex, St. Paul, MN showing roundhouse, diesel shop, and associated facilities, dated 7-22-53.	Drawing	12	2	16	2	NPRHA
St. Paul and the Northern Pacific	Zieska, Ken	Mainstreeter	1993	History of the Northern Pacific Railroad in St. Paul MN, relationship with Lake Superior and Mississippi Railroad 'LS&M', St. Paul depot, diagram of Lines in Twin Cities and Vicinity, Como Shops, Minneapolis Facilities, Mississippi Street Shop Complex, Skally Line, post-merger facilities	Article	12	2	18	5	NPRHA
An Interview with Norm Lorentzsen, Part 2 – People	Kuebler, William R., Jr.	Mainstreeter	1993	Continuation of interview with Norm Lorentzsen, focusing on people he worked with, including Robert S. McFarlane, C.E. Denney, G. Walter Rodine, Jack Wolverton, seniority system, dealing with liquor.	Article	12	2	23	3	NPRHA
While Waiting "In The Hole"	Carson, Gene	Mainstreeter	1993	Remembrance of a WWII cab ride in Northern Pacific 2663 by Ron Fredrickson. Class A-3, 4-8-4, Northern, Northern Pacific 2668, 'SP&S' 700.	Column	12	2	26	1	NPRHA

Tracking the NP	Tarbox, Gary L.	Mainstreeter	1993	Livingston Depot Center exhibit 'Rails Across the Rockies: A Century of People and Places'; Line abandonments in Washington: White Swan to Toppenish, Chehalis to South Bend, Arlington to Darrington, Yelm to Tenino, Belmore to Gate, Seattle at Interbay to Terry Avenue, Mesa to Basin City; Yakima Valley Rail and Steam Museum will purchase the White Swan Branch; Tacoma Union Station reopened as lobby to Federal Court House	Column	12	2	27	2	NPRHA
Feedback	Shannon, W. R.	Mainstreeter	1993	Letter from W. R. Shannon, former Northern Pacific Chief Mechanical Officer, regarding Dynamometer Car 276. Provides information to add additional details to 'W&R' model of Northern Pacific 276.	Sidebar	12	2	29	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1993	Bev-Bel Athearn extended cupola cabooses in cascade green and yellow racing stripe; Challenger HO Pullman betterment cars – plan 4084 Poplar series – plan 4036F 8 sec 5 br; McKean Models Ho 40 ft box with sliding and plug doors; Pacific Limited O scale bulkhead flat cars; American Models S Scale RS-3; American Models S Scale 40-ft modern boxcars with sliding doors and with plug doors, 5 streamline 85-ft cars in Loewy Green, 8 heavyweight cars in Pullman green, FP-7, GP-9, GP-18; Ye old Huff N'Puff S Scale wood reefer kit, Railmaster Exports S Scale Alco S-2, RS-1, RS-3, EMD NW-2 and SW-7; Resource material list including reprint of Northern Pacific Railway Industry List for 1967, information for ordering Robert Frey's dissertation "A Technological History of the Locomotives of the Northern Pacific Railway Company.	Column	12	2	29	2	NPRHA
Business Car "Yakima River"	Herson, Matthew J.	Mainstreeter	1993	Business Car Yakima River on rear end of North Coast Limited in September 1967	Photo	12	2	31	1	NPRHA
Left side of NPM 473, Mechanical Reefer	Pacific Car and Foundry	Mainstreeter	1993	Back cover builder's photograph of NPM 473, Mechanical Reefer, showing diesel exhaust pipe details and stenciling on fuel tanks	Photo	12	2	32	1	NPRHA
Photograph of business car Yakima River near Nagos, Montana	Nixon, Ronald V.	Mainstreeter	1993	Front cover photograph of business car "Yakima River" at end of Train No. 2, The Mainstreeter, near Nagos,, Montana on March 17, 1961	Photo	12	3	1	1	NPRHA
Photograph of NP 44 at Audubon, Montana in 1870s	Not identified	Mainstreeter	1993	Inside front cover photograph of Northern Pacific 44 and onlookers at Audubon,, Montana in 1870s. Keywords: 4-4-0, Baldwin	Photo	12	3	2	1	NPRHA
From the President	Zieska, Ken, Kuebler, William R., Jr.	Mainstreeter	1993	Society news column	column	12	3	4	1	NPRHA
Business Cars of the Northern Pacific: Part IV	Schrenk, Lorenz P.	Mainstreeter	1993	History of following business cars: Yakima River, Yellowstone River, Clark Fork River, including equipment diagram, painting and stenciling diagram, interior arrangement diagram, 10 exterior and 5 interior photographs, including subsequent BN history, sidebar regarding Soo Line/Great Northern/BN Car BN A-2 named Columbia River. Keywords Missouri River (ex Yakima River)	Article	12	3	5	11	NPRHA
Diagram 31, Business Cars Yellowstone River, Clark Fork River, Yakima River	Northern Pacific Railway	Mainstreeter	1993	Equipment diagram 31 of business cars Yakima River, Clark Fork River and Yellowstone River	Drawing	12	3	6	1	NPRHA
Painting and Stenciling drawing	Aust, Dennis, redrawn by	Mainstreeter	1993	Painting and Stenciling diagram for body of business cars Yellowstone River, Clark Fork River and Yakima River, dated May 26, 1954, series S-1329, drawing 56768	Drawing	12	3	8	2	NPRHA
Untitled drawing of Business car	Burlington Northern Railroad	Mainstreeter	1993	Interior arrangement drawing of business car with facilities listed, dated May 10, 1986. Keywords: Yellowstone River, Clark Fork River, Yakima River	Drawing	12	3	14	1	NPRHA
N.P.R.R. Standard Plan of 1st Class Section House	Aust, Dennis, redrawn by	Mainstreeter	1993	Northern Pacific Railroad Standard Plan of 1st Class Section House dated December 28, 1889, Drawing S-39-2, showing 3 bedrooms upstairs, dining room and living room downstairs with kitchen in rear extension.	Drawing	12	3	16	2	NPRHA
Details, Details...	Schrenk, Lorenz P.	Mainstreeter	1993	Article about trackside details at St. Anthony Park Interlocking Tower in St. Paul, including Joint Facilities Book photograph with labeled buildings and tracks, diagram of line in Twin Cities area, and detailed map of St. Anthony's Park Junction	Article	12	3	18	3	NPRHA

Diagram of Lines in Twin Cities and Vicinity	Northern Pacific Railway	Mainstreeter	1993	Diagram of Northern Pacific Railway lines in Twin Cities and vicinity, including connecting railways, not dated. St. Paul, Minneapolis, White Bear Lake, Northtown	Drawing	12	3	19	1	NPRHA
Diagram of St. Anthony Park Junction	Northern Pacific Railway	Mainstreeter	1993	Detailed map of St. Anthony Park Junction in St. Paul, enlarged from portion of larger Northern Pacific Railway map	Drawing	12	3	19	1	NPRHA
N.P. Ry. Standard Plan of Tool House	Northern Pacific Railway	Mainstreeter	1993	Standard Plan drawing of tool house dated Nov 22, 1928	Drawing	12	3	20	1	NPRHA
N.P. Ry. Standard Plan of Fuel and Oil Shed and Privy for Interlocking Plants	Northern Pacific Railway	Mainstreeter	1993	Standard Plan drawing of Fuel and Oil Shed for Interlocking plants and for Privy, dated July 1, 1910	Drawing	12	3	21	1	NPRHA
Part-Time Hobo	Magnuson, John P.	Mainstreeter	1993	Recollections of train operations on the Belt Line between Black River Junction and Woodinville in the 1950s, also hobo trips on the Belt Line and on the Milwaukee from Montana to Seattle in 1962.	Article	12	3	22	5	NPRHA
Book Review	Not identified	Mainstreeter	1993	Review of The Northern Pacific Railroad and the Selling of the West, by Sig Michelson, published by The Center for Western Studies, Augustana College, Sioux Falls, ND	Column	12	3	26	1	NPRHA
Collecting "Things NP"	Reed, Chuck, Neel, Scott	Mainstreeter	1993	Discussion of lanterns by Steam Gauge Manufacturing Company, Star Headlight Manufacturing Company, Adams and Westlake Company, Railroad Signal Company, Armspear Lantern Manufacturing Company, and versions of lantern globes.	Column	12	3	27	1	NPRHA
Helper Section	Not identified	Mainstreeter	1993	Requests for research help and sales of NP-related items	Column	12	3	28	1	NPRHA
Convention Highlights	Not identified	Mainstreeter	1993	Highlights of 1993 convention in St. Paul, photograph of Jim Fredrickson telling story of tuna fish sandwich sent from Lester to Martin in Company Mail by way of St. Paul.	Column	12	3	28	1	NPRHA
Tracking the NP	Tarbox, Gary L.	Mainstreeter	1993	Conversion of Northern Pacific GP-9s and GP-18s to GP-28s by BN, with roster, Northern Pacific 1730 caboose found at Virginia City NV, Montana update regarding Meridian Minerals, Washington Energy Resources, and MRL.	Column	12	3	29	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1993	Coach Yard SP lightweight sleepers in HO including Northern Pacific 364 and 365 used between Seattle and Oakland; Con-Cor 57-ft RPL mechanical reefers in HO and N; Detail Associates winterization hatch for GP-9 and GP-18; W&R HO scale lightweight business cars; W&R HO Scale 4-8-4s; recent Northern Pacific publications, Burlington Northern Locomotive Directory 1993 by Robert DelGrosso	Column	12	3	30	1	NPRHA
NP 92730 at Seattle	Not identified	Mainstreeter	1993	Inside back cover Photo of refrigerator car Northern Pacific 92730 at the Northern Pacific "Banana Terminal" in Seattle	Photo	12	3	31	1	NPRHA
Photo of new 24000-series box cars at Brainerd Car Shops	Not identified	Mainstreeter	1993	Back cover photo of newly completed 24000-series box cars at Brainerd Car Shops in 1951	Photo	12	3	32	1	NPRHA
NP 160 pulling Pacific Coast Railway gondola in snowstorm	Not identified	Mainstreeter	1993	Front cover photograph of EMD SW-1200 Northern Pacific 160 pulling Pacific Coast Railway gondola near Seattle in a snowstorm	Photo	12	4	1	1	NPRHA
NP 170 at roundhouse in St. Paul	Anderson, Harold	Mainstreeter	1993	Inside front cover photo of EMD SW-1200 Northern Pacific 170 at roundhouse in St. Paul	Photo	12	4	2	1	NPRHA
NP 150 at Missoula	Proctor, H. N.	Mainstreeter	1993	Inside front cover photo of EMD SW-1200 Northern Pacific 150 at Missoula, Montana on April 27, 1967	Photo	12	4	2	1	NPRHA
From the President	Kuebler, William R., Jr.	Mainstreeter	1993	Society news and comments on railroad safety	Column	12	4	4	1	NPRHA
Charles T. Felstead, 1917-1993	Egan, Patrick, Larsen, William L.	Mainstreeter	1993	Memorial article for Charlie Felstead, with notes on his Northern Pacific photographs and comment that his negatives are available through William A. Raia of Schiller Park, IL	Article	12	4	5	2	NPRHA
SW-1200s on the Northern Pacific	Barry, John W.	Mainstreeter	1993	History of SW-1200 diesel switcher locomotives with diagram, roster, and 19 photographs	Article	12	4	7	8	NPRHA
General Arrangement Diagram 6-A of NP SW-1200	Northern Pacific Railway	Mainstreeter	1993	Locomotive Diagram 6-A of Diesel Electric Switcher, EMD Model SW-200, 1955	Drawing	12	4	8	1	NPRHA
Lettering and Numbering, Maximum Speed Plate, Northern Pacific Railway Co.	Aust, Dennis, redrawn by	Mainstreeter	1993	Lettering and numbering diagram for maximum speed plate	Drawing	12	4	8	1	NPRHA
Lettering and Numbering diagram for Radio Equipped stencil	Aust, Dennis, redrawn by	Mainstreeter	1993	Lettering and numbering diagram for "Radio Equipped" stencil	Drawing	12	4	12	1	NPRHA
NP SW-1200 Roster, Complete to 1992	Barry, John W.	Mainstreeter	1993	Roster for Northern Pacific Railway switch engines, EMD SW-1200	Table	12	4	13	1	NPRHA

An Interview with Norm Lorentzen, Part 3- Operation	Kuebler, William R., Jr.	Mainstreeter	1993	Interview with Norm Lorentzen regarding Northern Pacific Railway operations, with comments related to BN merger, Northern Pacific divisions, line changes, and the Granite Lake derailment of the North Coast Limited, borders of article contain artwork schematic of main line from St. Paul to Tacoma	Article	12	4	15	5	NPRHA
Painting & Lettering Diagram for EMD SW-1200	Aust, Dennis, redrawn by	Mainstreeter	1993	Painting & Lettering Diagram for EMD SW-1200 diesel switchers, dated Jan. 19, 1967; Northern Pacific 119-130, Northern Pacific 131-177, upper half of centerfold spread	Drawing	12	4	16	2	NPRHA
Lettering and Painting Diagram [for SW-1200] 1955	Aust, Dennis, redrawn by	Mainstreeter	1993	Lettering and Numbering Diagram for SW-1200 diesel switchers, dated Jan. 22, 1955; Northern Pacific 99-177, lower half of centerfold spread	Drawing	12	4	16	2	NPRHA
Immigrant Movables	Lorentzen, Norman M.	Mainstreeter	1993	Sidebar about a freight rate called Immigrant Movables that was created to promote settlement adjacent to the Northern Pacific Railway in 1883, and the rate was last used after the BN merger	Sidebar	12	4	20	1	NPRHA
The Search for the Original Northern Pacific Paint	McKown, William	Mainstreeter	1993	Process of researching the original paint formulas for Northern Pacific colors, particularly for locomotives and passenger cars	Article	12	4	22	2	NPRHA
Northern Pacific Paint Numbers and Formulas	McKown, William	Mainstreeter	1993	Actual DuPont paint numbers and formulas for Northern Pacific Railway's yellow, Pullman green, Striping Red, Dull Mineral Red, Loewy Light Green, Loewy Dark Green, 1946 Passenger Light Green, Mineral Red, Weathered Mineral Red, Boiler Gray, Smokebox Gray; This is the Holy Grail for Northern Pacific Railway paint. Keywords: paint, formula, Loewy Green, North Coast Limited, Pine Tree Green scheme, Butterknife scheme.	Article	12	4	24	1	NPRHA
Tracking the NP	Tarbox, Gary L.	Mainstreeter	1993	Information about Iron Horse Central Railroad Museum in Chicago City MN operating on the ex-Taylor Falls Branch; Yakima Valley Rail and Steam Museum ("YVR&M") in Toppenish WA operating the Toppenish Simcoe and Western Railroad "TS&W" on the ex-White Swan Branch; City of Tacoma has leased Northern Pacific 1364 to the "YVR&M"; Washington Central operated a railfan freight through the Yakima Canyon pulled by F-7s in Washington Central paint; Montana Rail Link is upgrading the Mullan Tunnel; refurbished Northern Pacific 1000 caboose; sightings of Northern Pacific equipment still in service Northern Pacific 97631, BN 10038 (ex Northern Pacific 10405),	Column	12	4	25	2	NPRHA
While Waiting "In the Hole"	Tarbox, Gary L.	Mainstreeter	1993	Story of tending a steam locomotive fire overnight at Moscow, ID during the 1930s; Story of passenger train striking baggage cart at New York Mills MN in 1950.	Column	12	4	27	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1993	SW-7, SW-9 and SW-1200 Modeling, What – If modeling: speculation on modeling the Northern Pacific Railway in 1993 or the Atchison, Topeka and Northern Pacific (ATSF) detours through Twin Cities per 1993 floods)	Column	12	4	28	1	NPRHA
Photo and Model Contests New Items	Not identified Egan, Patrick; Vomhof, Lowell; Miller, Don	Mainstreeter	1993	Contest results from the 1993 convention	Column	12	4	29	1	NPRHA
		Mainstreeter	1993	Kevin's Decals - Decals for 100-ton triple hopper; Microscale – decal sheet for Northern Pacific freight cars; Overland Models announcing Z-7 and Z-8 models; W&R announce five versions of Z-6; Detail Associates detail kit DK-704 for Highliner and Steward F-units	Column	12	4	29	1	NPRHA
From The Editor Helper Section	Crow, Clint C. Not identified	Mainstreeter	1993	Commentary on current issue	Column	12	4	30	1	NPRHA
		Mainstreeter	1993	Help requests for: timetables, Northern Pacific 1026 caboose for sale, dining car menu, information request for Dome Sleeper 375, drawings on Northern Pacific 28000-series war emergency box cars	Column	12	4	30	1	NPRHA
NP 151 switching at St. Paul	Leander, O.	Mainstreeter	1993	Inside back cover photo (top half) of SW-1200 Northern Pacific 151 switching at St. Paul MN on July 24, 1967, painted in second paint scheme	Photo	12	4	31	1	NPRHA
NP 143 at Interbay, WA	Johnston, Robert W.	Mainstreeter	1993	Inside back cover photo (bottom half) of SW-1200 Northern Pacific 143 at Interbay Yard, Seattle WA, in last paint scheme.	Photo	12	4	32	1	NPRHA
NP160 in snow storm on concrete bridge	Not identified	Mainstreeter	1993	Back cover photo of SW-1200 Northern Pacific 160 pushing a hopper across a concrete bridge near the University of Washington	Photo	12	4	32	1	NPRHA
Main Street of Big Sky Country	Glischinski, Steve	Trains	1993	A Regional in Review series article on the Montana Rail Link, the latest operator of the bulk of Northern Pacific trackage in Montana. Map, roster. Keywords: Montana Rail Link, Laurel, Helena, Livingston, Bozeman	Article	53	April	36	10	Kalmbach, Milwaukee, WI

Orders at Mizpah	Umhauer, David E.	Trains	1993	Selected Railroad reading anecdote on train order operations on a Minnesota branchline. Keyword: M&I. Mizpah, Minnesota and International.	Article	53	May	52	1	Kalmbach, Milwaukee, WI
Jack Parker's HO Northern Pacific	Kelly, Jim	Great Model Railroads 1995	1994	Color feature article (including cover photo) of Jack Parker's HO Scale model railroad depicting the Northern Pacific Railway at Logan, Montana in the 1950s.	Article	1995		6	10	Kalmbach, Milwaukee, WI
NP 407 at original Tacoma roundhouse	Haynes, F. Jay	Mainstreeter	1994	Photo of Northern Pacific 407 Class N 4-4-0 (later Northern Pacific 654 Class B) on turntable of original Tacoma roundhouse near Pacific Avenue, March 28, 1890, Haynes photo H-2380, front cover photo, decorated for excursion. American Standard.	Photo	13	1	1	1	NPRHA
Haynes Palace Studio Car and Odell Elevator	Haynes, F. Jay	Mainstreeter	1994	Photo of Haynes Palace Studio Car with Odell Elevator in background, other features include unidentified 4-4-0, side door caboose and open platform coach, inside front cover	Photo	13	1	2	1	NPRHA
From the President	Kuebler, William R., Jr.	Mainstreeter	1994	Notes on New Salem line change, hearing locomotives at great distances in cold weather, 1994 Spokane convention, suggestions for future articles, photo of Northern Pacific diorama of snowshed by Norm Snow, Warren Broderick and Jeff Nichols	Column	13	1	4	2	NPRHA
Northern Pacific Class B American Standards	Egan, Patrick	Mainstreeter	1994	History of various 4-4-0 American Standard locomotive classes collected into Class B and subclasses B, B-1, B-2 and B-3 under the 1897 class reorganization, with 13 photographs, 4 diagrams and table of specifications for classes B, B-1, B-2, B-3, C-1, L-7 and S-10 locomotives, table of assignments and dispositions	Article	13	1	5	10	NPRHA
Class B 18x25 Passenger [locomotive] diagram	Aust, Dennis, redrawn by	Mainstreeter	1994	Diagram of Class B American Standard 4-4-0 locomotive, Northern Pacific 650 to 671	Drawing	13	1	8	1	NPRHA
Class B-1 18x24 Passenger [locomotive] diagram	Aust, Dennis, redrawn by	Mainstreeter	1994	Diagram of Class B-1 American Standard 4-4-0 locomotive, Northern Pacific 672 and 673	Drawing	13	1	8	1	NPRHA
Class B-2 [locomotive] diagram	Aust, Dennis, redrawn by	Mainstreeter	1994	Diagram of Class B-2 American Standard 4-4-0 locomotive, Northern Pacific 672 and 673	Drawing	13	1	10	1	NPRHA
Class B-3 [locomotive] diagram	Aust, Dennis, redrawn by	Mainstreeter	1994	Diagram of Class B-3 American Standard 4-4-0 locomotive, Northern Pacific 691 and 692	Drawing	13	1	10	1	NPRHA
Specifications of Northern Pacific Americans and Other Light Locomotives	Egan, Patrick	Mainstreeter	1994	Table of specifications for Northern Pacific American Standard 4-4-0 locomotive Classes B, B-1, B-2, B-3, C-1, 0-6-0 Class L-7 and 4-6-0 Class S-10	Table	13	1	13	1	NPRHA
Assignments and Dispositions	Egan, Patrick	Mainstreeter	1994	Table of assignments and dispositions for all members of Class b, B-1, B-2 and B-3 American Standard 4-4-0 locomotives. Roster	Table	13	1	14	1	NPRHA
An Interview with Norm Lorentzen; Part 4 – Conclusion: Passenger and Freight Operations	Kuebler, William R., Jr.	Mainstreeter	1994	Interview with Norm Lorentzen about passenger and freight operations	Article	13	1	15	4	NPRHA
One Story Section Foreman's House, Kendrick, Idaho	Northern Pacific Railway	Mainstreeter	1994	Drawing of One Story Section Foreman's House, Kendrick, Idaho, dated 1922, centerfold	Drawing	13	1	16	2	NPRHA
The Lilac Special	Armbruster, Kurt E.	Mainstreeter	1994	Account of correspondence related to a proposed train between Seattle and Spokane during the Seattle World's Fair.	Article	13	1	21	1	NPRHA
While Waiting "In the Hole"	Carson, Gene, Bursack, Bill	Mainstreeter	1994	An account of legal issues related to the Northern Pacific Railway land grant	Column	13	1	22	2	NPRHA
Tracking the NP	Tarbox, Gary L.	Mainstreeter	1994	Notes on existing Northern Pacific Railway equipment and facilities: Class S-4 Northern Pacific 1364, Toppenish WA depot, caboose Northern Pacific 1352, SD-45 diesels ordered by Northern Pacific and delivered to BN, SW-1200 and GP-9 diesels in service in Seattle area, GP-9 es-NP 375 destroyed in November 11 1993 wreck at Longview Junction WA, MRL GP-9s – ex Northern Pacific – leased to Idaho Northern and Pacific, city funding for restoration of Billings, Montana depot, parlor car 1788, sightings of Northern Pacific 62713, Northern Pacific 87566, Northern Pacific 97749, NP119975, Northern Pacific 582748, Northern Pacific 119883, Northern Pacific 119728, photos of cabooses 1103, 1127, 1537, GP-18 BN 1995 (ex-NP 381) at Mandan, semaphores at Milepost 2215, Jamestown ND turntable,	Column	13	1	24	3	NPRHA

Passenger Car Pine Tree Paint Scheme	Egan, Patrick	Mainstreeter	1994	Discussion of the 1946 "Pine Tree" or "Butterknife" passenger scheme, including McKown's paint research, strip width, window strip, trim strip, letterboard and lower side color, controversies, interiors, "CB&Q" 481 Savanna, table of features and dimensions.	Article	13	1	27	2	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1994	DuPont Centauri paint will craze plastic, HO scale: challenger heavyweight sleepers, E&C Shops carrying former Front Range GP-9, Kato NW-2 out but not in NP, Microscale decals, W&R Class Z-2, Overland dump cars and cabooses, Overland U25C and U28C, Stewart B units	Column	13	1	29	2	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1994	N Scale: Atlas class Z-4, Life-Like GP-18	Column	13	1	29	2	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1994	O Scale: Microscale decals, Pacific Limited bulkhead flat car, Overland Z-8, Overland tall cupola caboose,	Column	13	1	29	2	NPRHA
Steam engines at Yardley	Gamble, Wallace	Mainstreeter	1994	Inside back cover photo of Class Y-3 Northern Pacific 1206, Class Q-1 Northern Pacific 2133 and Class Z-6 Northern Pacific 5113 at Yardley in Spokane WA, post WWII	Photo	13	1	31	1	NPRHA
NP 418 at Cinnebar Montana with private train	Haynes, F. Jay	Mainstreeter	1994	Back Cover photo of Northern Pacific 418 (later Class B Northern Pacific 665) with private train at Cinnebar, Montana on September 16, 1896, with unusual "C&NW" stock cars; Haynes photo H-3621	Photo	13	1	32	1	NPRHA
RDC B-30 at State Line on Palouse and Lewiston Branch	Fredrickson, James M.	Mainstreeter	1994	Front cover photo of RDC B-30 at State Line WA-ID on the Palouse and Lewiston Branch, June 12, 1955. "P&L"	Photo	13	2	1	1	NPRHA
Cougar Special unloads students at Pullman WA depot in 1925	Not identified	Mainstreeter	1994	Inside front cover showing the "Cougar Special" unloading students at the Pullman WA depot for fall classes in 1925, Northern Pacific 1383	Photo	13	2	2	1	NPRHA
From the President	Kuebler, William R., Jr.	Mainstreeter	1994	Notes on board of director meeting schedules, pending 1994 Spokane convention, and Northern Pacific locations of interest between Paradise and Spokane. Paradise, Montana depot and beanery, Trout Creek, Montana water tank, Noxon line change, Granite Lake North Coast Limited wreck site, HWY 200 on ex-NP right-of-way at Whitepine	Column	13	2	4	1	NPRHA
Train Operations on the Palouse & Lewiston Branch	Poindexter, Raymond	Mainstreeter	1994	Operations on the Palouse and Lewiston Branch, construction history, "Kendrick Mountain" operations on grade from Howell to Kendrick ID, manual block operation, Camas Prairie Railroad, Passenger operations, map, Timetable No. 33 (1910), Timetable No. 46A (1920), interlocking operations, last days, photos of depots at Belmont WA, Spalding ID, Arrow ID	Article	13	2	5	8	NPRHA
Notes on the P&L Branch	Alexander, Verne	Mainstreeter	1994	Notes from time book of Robert Alexander about the "P&L" branch, post WWII freight operations, Arrow Junction, deadheading, demise of Rotary No. 6 on Kendrick Mountain	Sidebar	13	2	8	2	NPRHA
Episodes on the Idaho East	Staeheli, Glenn, Kuebler, William R., Jr.	Mainstreeter	1994	Recollections of Glenn Staeheli regarding service on the Idaho Sub Division as roundhouse laborer, fireman, hostler, mishaps of an Assistant Foreman, near head-on collision, 1941 Cherry Valley wreck, Art Christensen, John Christensen, Charley Reeves, Clyde Parks, Bill Clem, Horace Cook	Article	13	2	13	6	NPRHA
Parkwater Engine Facility in Spokane, Washington	Northern Pacific Railway	Mainstreeter	1994	Drawing of Parkwater engine facility dated July 22, 1953, 3-page foldout	Drawing	13	2	16	3	NPRHA
Depots of the Palouse and Lewiston Branch	Poindexter, Raymond	Mainstreeter	1994	Photos of stations at Rosedale WA, Oakesdale WA, Palouse WA, Pullman WA, Moscow ID, Genesee WA, Troy ID (cut down), Lewiston ID, Uniontown WA	Photo	13	2	17	3	NPRHA
NP 1788 Call for Help	Johnsen, Kenneth G.	Mainstreeter	1994	Appeal for help to save 72-ft observation parlor car 1788, built in 1910 by Barney and Smith, and used for a residence in Spanaway WA since the 1950s, with description of surviving details	Article	13	2	23	1	NPRHA
While Waiting "In The Hole"	Carson, Gene, Bursack, Bill	Mainstreeter	1994	Summary of significant events and trends in the settlement of North Dakota and the part the Northern Pacific played; journey by George Armstrong Custer along the railroad west of Fargo in March 1876, including description of the train; award of land grant and selling of land, development of branch lines and grain elevators, wheat milling.	Column	13	2	24	2	NPRHA

Tracking the NP	Tarbox, Gary L.	Mainstreeter	1994	Foley Brothers boxcab oil-electric locomotive transported from Billings to Portola – was used by Northern Pacific contractor at Colstrip; update on Northern Pacific 1364 at Toppenish; ex-NP 51 rotary; dome coach 549 and dome sleeper 313; townsite of Monte Cristo WA at end of former Monte Cristo branch has been purchased by USFS; track being removed on Darrington WA branch, BNSF making activity that suggests possible reactivation of Kendrick Hill portion of “P&L” Branch Idaho; GP9s BN 1742 (NP 304), BN 1938 (NP 359), SW-1200 BN 177 (NP 177), Northern Pacific 65625, Northern Pacific 73645, Northern Pacific 96180, Northern Pacific 8924, F9s BN 1 (NP6700A), BN 2 (NP 7002C); Northern Pacific woodchip cars at Kelso WA, St Helens OR and Vancouver WA; Jamestown turntable scrapped and crew change point dropped;NP75947, Northern Pacific 96170, Northern Pacific 56052,	Column	13	2	25	3	NPRHA
Collecting “Things NP”	Reed, Chuck	Mainstreeter	1994	Uniform button styles	Column	13	2	27	2	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1994	NW and NW-2 modeling; Model Power 2-8-0 lettered Northern Pacific and somewhat similar to F, F-2, F-3 and F-4 classes or converted to Class G 0-8-0; W&R anticipated delivery of truss-rod coaches.	Column	13	2	29	2	NPRHA
B-12 and B-30 at Lewiston ID station	Fredrickson, James M.	Mainstreeter	1994	Inside back cover photo of gas-electric B-12 and RDC B-30 at Lewiston ID on September 22, 1955	Photo	13	2	31	1	NPRHA
Track side of Spokane depot	Not identified	Mainstreeter	1994	Back cover photo of south (track) side of Spokane WA depot and lunch room in early 1900s before the tracks were elevated onto the fill/viaduct; Rare view; combine Northern Pacific 445 (?) and coach (possibly 982), open platform passenger cars	Photo	13	2	32	1	NPRHA
NP 6017C pulling Train 408 at Reservation Tower, Tacoma	Johnston, Robert W.	Mainstreeter	1994	Front cover photograph of train 408 passing Reservation Tower in Tacoma WA, date unknown, pulled by F9A Northern Pacific 6701C	Photo	13	3	1	1	NPRHA
NP 6017C derailed at Glendive while pulling NP 26	Hayford, Dennis L.	Mainstreeter	1994	Inside front cover of Northern Pacific 6017C immediately after Glendive derailment of North Coast Limited on January 29, 1962 near Glendive, Montana	Photo	13	3	2	1	NPRHA
From the President	Kuebler, William R., Jr.	Mainstreeter	1994	Discussion of board of director changes, convention planning and request for Mainstreeter articles	Column	13	3	4	1	NPRHA
The Glendive Derailment of the North Coast Limited	Hayford, Dennis, Kuebler, William R., Jr.	Mainstreeter	1994	Firsthand account of derailment of the North Coast Limited west of Glendive on January 29, 1962, including 2 photographs taken just before, 7 photos taken immediately afterward, and 2 air photos of accident, table of known consist and crew	Article	13	3	5	7	NPRHA
Post-WW1 Forty-Ton Box Cars	Barry, John W.	Mainstreeter	1994	Comparison of Northern Pacific 40-ton boxcars to USRA boxcars, history of 8 groups of these cars, series 17000-17999, 31000-31999, 10000-10999, 11000-11999, 12000-12999, 13000-13499, 13500-13999, 14000-14499; pictures of several cars and sequence of car under construction, 3 diagrams of box cars and 2 diagrams of conversions to log car and flat car, centerfold stenciling diagram	Article	13	3	12	11	NPRHA
Diagram of 40-ft box car, diagram 42	Northern Pacific Railway	Mainstreeter	1994	Diagram 42 of 40-ft box car from 1940 freight equipment diagram book, series 31000-31999 and 17000-17999, general plan drawing 22191,	Drawing	13	3	13	1	NPRHA
Pressed Steel Car Co; stenciling diagram, Northern Pacific Box Car	Aust, Dennis, redrawn by	Mainstreeter	1994	Stenciling diagram for 40-ton box car built by Pressed Steel Car Company, dated February 7, 1923, (series 10000-10999), centerfold	Drawing	13	3	16	2	NPRHA
Diagram of 40-ft box car, diagram 34	Aust, Dennis, redrawn by	Mainstreeter	1994	Diagram 34 of 40-ft box car, series 10000-13999, general plan drawing 26593,	Drawing	13	3	18	1	NPRHA
Diagram of 40-ft box double sheathed box car	Aust, Dennis, redrawn by	Mainstreeter	1994	Diagram of 40-ft double sheathed box car, built at Brainerd shops 1931-1932 (series 14000-14499), general plan drawing 37150, no diagram number given	Drawing	13	3	21	1	NPRHA
Diagram of 41-foot full deck logging flat car-FL, diagram 180	Aust, Dennis, redrawn by	Mainstreeter	1994	Diagram of 41-ft full deck logging flat car –FL, series 125000-125599, converted from 10,000-13,999 40-ft box cars, diagram 180 from 1966 Freight Equipment Diagram Book	Drawing	13	3	23	1	NPRHA
Diagram of 41-foot side stake log car-FL, diagram 185	Aust, Dennis, redrawn by	Mainstreeter	1994	Diagram of 41-ft side stake log car –FL, series 120385-120420, converted from 125000-125599 41-ft flat cars, diagram 185 from 1966 Freight Equipment Diagram Book	Drawing	13	3	23	1	NPRHA

While Waiting "In the Hole"	Carson, Gene, Bursack, Bill	Mainstreeter	1994	Bill Bursack revisits Jamestown in the 1990s and reminisces about vanished facilities, including the roundhouse, water treatment plant, car shed, coal dock, downtown depot, and Roundhouse Café;; picture of Class Z-3 2-8-8-2 at Jamestown coal dock in early 1930s, serving as helper out of James River Valley.	Column	13	3	25	2	NPRHA
Tracking the NP	Brehm, Kyle	Mainstreeter	1994	Short notes on: BN to Reopen Stampede Pass, Jim Fredrickson receiving award for work to save Tacoma Union Station, S-4 Northern Pacific 1364 moved to Toppenish, Lewis and Clark Railway Renews Lease, Willapa Harbor trackage being removed; notes on depots at Pine City MN, Mandan ND freight house, Vancouver BC freight house, Billings Depot; Cabooses Northern Pacific 10407, Northern Pacific 1211, Northern Pacific 1111, MRL 391 and Dennis Washington special.	Column	13	3	26	3	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1994	Notes on Bill McKown's Northern Pacific colors; Models of Northern Pacific box cars: "W&R" will import some box cars, Funaro and Camerlengo kits of 36-ft Northern Pacific box car and Wabash auto box that is similar to NP8100-8199, Silver Streak 40 ft double sheathed box car is good start for 14000-14499 series, note on S-Scale dimensions of passenger stripes, Review of Northern Pacific books: Northern Pacific Color Pictorial; Burlington Route Color Pictorial, and Chicago Burlington and Quincy in Color volume 1 both have material on the North Coast Limited; Chronicles of a Northern Pacific Veteran by Daniel McLaughlin published 1930; The Northern Pacific Railroad and the Selling of the West by Sig Mickelson is about promotion of land grant sales; Trains of Discovery is about western railroads and the national parks; The Revolutionary Diesel, EMC's FT by Diesel Era covers all FTs; EMD's GP-18, The Transitional Road Switcher by Diesel Era covers all GP-18s including the NP's.	Column	13	3	28	3	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1994	N Scale: Atlas 40-ft plug door box car in Loewy green, Roundhouse 50-ft mechanical reefer in Northern Pacific aluminum scheme	Column	13	3	28	3	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1994	HO Scale: CC Crow Northern Pacific brick Pasco WA freight house, "E&C: wood chip cars, Intermountain Northern Pacific steel reefers, Overland wide cupola caboose, "W&R tank cars	Column	13	3	28	3	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1994	O Scale: "P&D" F units	Column	13	3	28	3	NPRHA
Budd RDC NP B-41 on Rice's Point turntable	Darnell, D. A.	Mainstreeter	1994	Inside back cover photograph of RDC Northern Pacific B-41 on the Rice's Point turntable at Duluth MN in June 1967	Photo	13	3	31	1	NPRHA
Radial roof box car, NP 200742 at Lester WA	Johnston, Robert W.	Mainstreeter	1994	Back cover photo of Lester WA depot in August 1969 with Northern Pacific 200742 radial roof box car in MOW service,	Photo	13	3	32	1	NPRHA
Minnesota and International W-1 Mikado 1686 at Bemidji Union Station	Not identified	Mainstreeter	1994	Front cover photo of Minnesota and International Class W-1 Mikado Northern Pacific 1686 at Bemidji Union Station with train crew and members of the Loyal Order of Moose, July 12, 1952. Keywords 2-8-2, "M&I"	Photo	13	4	1	1	NPRHA
Minnesota and International mogul No 6 at Brainerd in snowstorm	Not identified	Mainstreeter	1994	Inside front cover photo of 'M&I' No. 6 at Brainerd, covered in snow after breaking through from Pine River after the blizzard of February 22, 1922	Photo	13	4	2	1	NPRHA
Minnesota and International scale house and dispatcher's office at North Bemidji	Fredrickson, James M.	Mainstreeter	1994	Inside front cover photo of "M&I" dispatcher's office in North Bemidji, which also served as the scale house	Photo	13	4	2	1	NPRHA
From the President	Kuebler, William R., Jr.	Mainstreeter	1994	Operational issues on main line between Glendive and Dickinson, promotion for Glendive convention.	Column	13	4	4	1	NPRHA
The Champagne Flight; Passenger Service on the Minnesota and International Falls	Umhauer, David E.	Mainstreeter	1994	History of the Minnesota and International Railway, including description of train service over the years, motive power, passenger car consists, motor cars B-11 and B-41, rolling stock, wrecks, special services, photos of 10 depots, 1916 timetable, maps. Big Fork and International Falls Railway Company, Mike and Ike, Paul Bunyan Special, Northome MN, Hubert MN, Ah-Gwah-Ching MN, Brainerd MN, Bemidji MN, Laporte MN, Walker MN, Turtle River MN, Shooks MN, Margie MN, Hines MN, Big Falls MN.	Article	13	4	5	18	NPRHA
Drawing, N.P. Ry Standard Plan of Telegraph Office with Living Rooms	Northern Pacific Railway	Mainstreeter	1994	Centerfold drawing of Standard Plan of Telegraph Office with Living Rooms, drawing M 44-10 dated 2-6-1908. Station named McDougall, location unknown	Drawing	13	4	15	2	NPRHA

While Waiting In the Hole	Carson, Gene, Staeheli, Glenn A.	Mainstreeter	1994	Stories by Glenn Staeheli regarding a freight car that reportedly jumped out of a train in the late 1940s along the Clark Fork River near Woodland, Montana, and about a very fast run behind a 4-6-6-4 from Paradise, Montana to Spokane on a bet over a fifth of whiskey.	Column	13	4	24	2	NPRHA
Tracking the NP	Brehm, Kyle	Mainstreeter	1994	Hinckley Fire Express specials celebrating 100th anniversary of the Hinckley fire, caboose BN 10038 (ex NP), Forsyth, Montana turntable removed, Northern Pacific woodchip car sightings at Forsyth, Montana and Newcastle WY, Northern Pacific 2073 sand car, Northern Pacific 66111 flat car, Northern Pacific 57517 gondola, Rotary snow plow BN 972551 (ex Northern Pacific 51) and F9 diesel BN 972569 (ex 2nd Northern Pacific 6074A and ex NP7013D), GP9 diesel BN 1856 (ex Northern Pacific 230).	Column	13	4	26	3	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1994	Comments on Northern Pacific pine tree green paint	Column	13	4	29	2	NPRHA
NP 2192 at Jamestown ND platform	Fredrickson, James M.	Mainstreeter	1994	Inside back cover photo of Northern Pacific 2192 with train 147 at Jamestown ND on May 27, 1954; Northern Pacific 2192 served on the M&I branch in 1949. Class Q-4, pacific, 4-6-2	Photo	13	4	31	1	NPRHA
NP 5114	Fredrickson, James M.	Mainstreeter	1994	Back cover photo of front end of Northern Pacific 5114 Class Z-6 4-6-6-4 on May 11, 1943. Challenger	Photo	13	4	32	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1994	HO Scale: Atlas GE U33/36C pending; Bachmann gas-electric, heavyweight Pullman 10-1-2 sleeper; Challenger Imports plan 4084 "Poplar" betterment Pullman sleepers of 1939, PFE reefers in Northern Pacific scheme; Coach Yard heavyweight 10-section observation cars used during WW2; Intermountain steel reefer; Microscale steel box cars, very modern steel box cars, covered hoppers, plug door box cars, revised diesel gothic letter set; Roundhouse pending 50-ft OB box car; Stewart pending FT diesel; Walthers 50-ft double door box car; W&R pending Z-2 and HO lightweight business cars, ACF tank cars, Z-6s.		13	4			NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1994	N Scale: Atlas RS-3 re-release pending; Intermountain steel reefer; Microscale steel box cars, very modern steel box cars, covered hoppers		13	4			NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1994	O Scale: Intermountain steel reefer; Microscale decals for steel box cars and covered hoppers; Red Caboose USRA flat car;		13	4			NPRHA
Silver Bow: from 3 to 1	Herson, Matthew J.	Trains	1994	Double page before and after spread of Northern Pacific and BAP and MILW at Silver Bow, Montana.	Photo	54	April	52	2	Kalmbach, Milwaukee, WI
Train to Honor Heroes, A	Glischinski, Steve	Trains	1994	Report on trains operated to observe centennial of Hinckley Fire and the heroic railroaders who saved hundreds from fires. Keywords: St Paul & Duluth, Skalley, Hinckley, forest fire.	Article	54	Dec	46	1	Kalmbach, Milwaukee, WI
Train to Honor Heroes, A	Glischinski, Steve	Trains	1994	Report on trains operated to observe centennial of Hinckley Fire and the heroic railroaders who saved hundreds from fires. Keywords: St Paul & Duluth, Skalley, Hinckley, forest fire.	Article	54	Dec	46	1	Kalmbach, Milwaukee, WI
Evening at the Depot	Thorpe, J. Craig	Trains	1994	Double page painting of Class P-2 4-6-0 Northern Pacific 245 at Issaquah WA. Keyword: Snoqualmie branch.	Photo	54	Nov	64	2	Kalmbach, Milwaukee, WI
Class Z-5 NP 5000, early in career	Not identified	Mainstreeter	1995	Front cover photo of Class Z-5 Northern Pacific 5000 early in career, front view in a yard. Steam, Yellowstone, 2-8-8-4	Photo	14	1	1	1	NPRHA
6013D with train, Wibaux, Montana, 8-27-55	Beach, Phillip F.	Mainstreeter	1995	Inside front cover photo of EastboundNP 6013D, 4-units on freight train three miles east of Wibaux, Montana, 8-27-55. F-units, diesel	Photo	14	1	2	1	NPRHA
From the President	Kuebler, William R., Jr.	Mainstreeter	1995	Discussion of issue editors and various volunteer needs of NPRHA	Column	14	1	4	1	NPRHA

Mountain Line of the Prairies	Bursack, William	Mainstreeter	1995	History of the Yellowstone Division from Mandan ND to Glendive, Montana, the territory, equipment, operations, snow fighting and yards at Dickinson ND and Glendive, Montana, photos: Q-s 2236 and 2231 w/#4, Alaskan, Glendive,, Montana 5-10-44; A-2 2651,Mandan; W-3 1746, Glenullen, ND 8-29-49 w. \ auxiliary tender and freight train; Q-5 2231w/ #4, Alaskan, Dickinson 1-13-40; #2 NCL, w/ A-4 2670 4-8-4 Sully Springs, ND, 4-25-46; Track Profile Dickinson to Glendive1923 and Mandan to Dickinson 1929; Z-5 5011 2-8-8-4, Rider, ND, 4-24-46 w/ Train 604; Elevators at N. Almont, ND; Dick Fisher and Bob Gruman at Dickinson 1994; W-2 1915 2-8-2, Beach, ND; Q-5 2244 4-6-2 with #3, Alaskan, Curlew, ND, 5-30-40; Q-3 2152, 4-6-2with Train #8, Glendive, 1-19-38; #2 NCL, Glendive with A-4, 4-8-4,4-24-46; GP7 344 snowbound with derailed heater car and the Mandan Wrecker; three scenes of #1 stuck in the snow 3-66; W-2 2-8-2 X1912 West, Glendive,4-44-38; Glendive Depot 1995; Glendive turntable, 1994; Glendive depot and yard, 11-13-22; Keywords: Yellowstone Division, Dickinson, Glendive, 2236, 2231, A-2, 2651,W-3, 1746, Q-5, 2231, A-4, 2670, 4-8-4,4-6-2, 2-8-8-4, steam, Z-5, 5011, Train 604, elevators, W-2, 1915, 2244, Alaskan, #3, #4, #2, NCL, GP7, 344, heater car, snow bound, Wrecker, 1912	Article	14	1	5	13	NPRHA
Glendive, Montana Yard map	Northern Pacific Railway	Mainstreeter	1995	Northern Pacific Railway map of Glendive, Montana yard, including roundhouse, 7-22-53	Drawing	14	1	16	2	NPRHA
Yellowstone Division timetable, 68C	Northern Pacific Railway	Mainstreeter	1995	Yellowstone Div. First and Second Sub timetable, 68C, July 25, 1937	Table	14	1	19	2	NPRHA
A Locomotive for the Mountain Line of the Prairies	Bursack, William	Mainstreeter	1995	Article describing the reasons behind, the design, construction and operation of the Yellowstone Class Z-5 2-8-8-4 locomotives, roster, photos: Northern Pacific 5000; Alco builder's photo and specification card; Northern Pacific 5000 at Glendive on 8-4-32; Baldwin builder's photo of Northern Pacific 5002; Extra 5008 East at Glendive on 8-1-38; Extra 5003 E at Glendive on 9-38; Northern Pacific 5001 with Train 602 at Medora ND on 4-25-46; Northern Pacific 5004 at Livingston on 9-21-54; Extra 5011 E and Train 603 at Demores, Montana; Extra 6009 E FT diesel at Medora on 4-35-46,	Article	14	1	20	7	NPRHA
Class Z-5 Locomotive Diagram	Northern Pacific Railway	Mainstreeter	1995	Class Z-5 Locomotive Diagram loco and tender as redrawn by Dennis Aust. Yellowstone, 2-8-8-4, steam, Northern Pacific 5000, drawing	Drawing	14	1	24	2	NPRHA
Collecting "Things NP" Modeling News	Reed, Chuck	Mainstreeter	1995	Northern Pacific Railway passenger crewmen hat badges. uniform	Column	14	1	25	1	NPRHA
	Egan, Patrick	Mainstreeter	1995	Modeling modern equipment as if there was not a Burlington Northern merger, and new items – Bowser round roof box cars, refrigerator highway trailers, W&R Class Z-2 and ACF Pressed Steel tank cars.	Column	14	1	28	2	NPRHA
W-3 1709, Beach, ND	Beach, Phillip F.	Mainstreeter	1995	Inside back cover photo of Class W-3 Mikado Northern Pacific 1709 with auxiliary tender, westbound at Beach ND on August 27, 1955. steam, 2-8-2,	Photo	14	1	31	1	NPRHA
F7 6013D, Beach, ND	Beach, Phillip F.	Mainstreeter	1995	Back cover photo of F7 Northern Pacific 6013D eastbound at Beach ND on August 27, 1955. diesel	Photo	14	1	32	1	NPRHA
NP 2122 pulling the North Coast Limited in Missoula, 1941	McGee, Warren R.	Mainstreeter	1995	Front cover photo of Class Q-1 Pacific Northern Pacific 2122 pulling the North Coast Limited at Missoula, Montana on June 15, 1941 due to failure of Northern Pacific 2650 at Butte, Montana. 4-6-2	Photo	15	1	1	1	NPRHA
NP2665 at Missoula in August 1943	Fredrickson, James M.	Mainstreeter	1995	Inside front cover photo of Northern Pacific 2665, Class A-3 4-8-4 Northern at Missoula	Photo	15	1	2	1	NPRHA
From the President	Kuebler, William R., Jr.	Mainstreeter	1995	Column, Recruiting of Fr. Dale Peterka (president of GNRHS) to join the NPRHA, membership recruiting promotion, efforts to assist preservation of Warren McGee's collection, Ruth Eckes "Rail Tales" available at Company Store.	Column	15	1	4	1	NPRHA
Tales of Missoula West	Phillips, John A III, Fredrickson, James M.	Mainstreeter	1995	Brief history of Missoula and Rocky Mountain Division, extensive interviews with veterans James Hagen (section foreman), Clarence Hay (dispatcher), Jim Curran and Phil Dahl (engineers), Tom Bennett and Dave MacInnes (roundhouse foremen), drawing of Missoula roundhouse and depot facilities, 21 pictures	Article	15	1	5	23	NPRHA

Tracking the NP	Brehm, Kyle	Mainstreeter	1995	News about potential opening of Stampede pass, and issues with Auburn, Washington Central, and possibility of opening the Milwaukee line to Lind, Montana news about Montana Rail Link, BN helpers on Fryburg Hill, Glendive NPRHA convention, Montana Rockies Daylight excursion train, MRL runaway from Livingston to Spurling.	Column	15	1	27	2	NPRHA
NP on the Internet Modeling News	Tarbox, Gary L. Nichols, Jeff, Egan, Pat	Mainstreeter	1995	Attempt to confirm any Northern Pacific presence on the internet	Article	15	1	29	1	NPRHA
		Mainstreeter	1995	HO scale: Atlas U-33C in Northern Pacific paint, extended vision caboose; Athearn smooth-side 40-ft hi-cube box with accurate paint and number for 659994-659999 series; Stewart F-3s in Loewy green; JL Innovations non-operating train order signal designed from Northern Pacific plans; Life-Like SW1200 in Northern Pacific; W&R heavyweight passenger cars, tank cars, MOW cars approaching firm production times; Shoreham Shops Northern Pacific Holiday Lounge and 48-seat coaches	Column	15	1	29	2	NPRHA
Modeling News	Nichols, Jeff, Egan, Pat	Mainstreeter	1995	N scale: Micro-Trains 50-ft standard box car with single door, all-aluminum mechanical reefer.	Column	15	1	29	2	NPRHA
Modeling News	Nichols, Jeff, Egan, Pat	Mainstreeter	1995	O scale: Microscale deals for Northern Pacific steam engines	Column	15	1	29	2	NPRHA
Modeling News	Nichols, Jeff, Egan, Pat	Mainstreeter	1995	Pat Egan turns column over to Jeff Nichols; Books: announcing Northern Pacific Color Pictorial, Volume II and Northern Pacific Color Guide to Freight and Passenger Equipment; HO Scale determination that Walthers' Difco side dump cars are perfect match for Northern Pacific prototypes, series 89120-89144 from 1967, but are not currently offered in Northern Pacific colors.	Column	15	1	29	2	NPRHA
NP 7000 at Livingston	Fredrickson, James M.	Mainstreeter	1995	Inside back cover photo of Northern Pacific 7000A, B, C, and D at Livingston on May 23, 1954. F-9 diesel	Photo	15	1	31	1	NPRHA
NP officers posed in front of passenger car	Shellenberg, J.	Mainstreeter	1995	Photo of Northern Pacific Railway company officers posed in front of passenger car at Livingston during 1965-1966 budget meeting, with extensive list of names.	Photo	15	1	32	1	NPRHA
GP-18s 378 & 380 & RS-11 915, Elk River, MN 6-23-63	Behning, Baron H.	Mainstreeter	1995	Front cover photo of GP-18s Northern Pacific 378 & Northern Pacific 380 & RS-11 Northern Pacific 915, Elk River MN on 6-23-63 pulling westbound freight.	Photo	14	2	1	1	NPRHA
Glendive, Montana aerial view of city and Northern Pacific Railway yard in 1950	Swan, Roy	Mainstreeter	1995	Inside front cover aerial photo of Glendive,, Montana and Northern Pacific Railway yard including roundhouse in 1950.	Photo	14	2	2	1	NPRHA
From the President	Kuebler, William R., Jr.	Mainstreeter	1995	Glendive, 1995 convention, Keywords: Glendive	Column	14	2	3	1	NPRHA
A Tribute to Glenn Staeheli	Kuebler, William R., Jr.	Mainstreeter	1995	A review of the life and career of Glenn Staeheli, engineer and road foreman of engines, photos: Staeheli in cab of Class Q-6 Northern Pacific 2256; Staeheli as Road Foreman of Engines in Auburn WA on 2-1-63.	Article	14	2	5	3	NPRHA
The GP-18 on the Northern Pacific	Barry, John W.	Mainstreeter	1995	Article about the GP-18 locomotive and use on the Northern Pacific Railway, roster with dispositions, photos: GP-18 Northern Pacific 376 near new; Northern Pacific 382 w/ train; Northern Pacific 381 w/ SD 45 and U25C w/ train; Northern Pacific 376 at Staples, MN on 7-18-63, Northern Pacific 381 as BN 1995 at Fargo ND in 2-95.	Article	14	2	9	4	NPRHA
Glendive, Montana: Northern Pacific Division Point, Part One	Schrenk, Lorenz P.	Mainstreeter	1995	A history of the development of Glendive, Montana, operations, water problems & locomotives, list of Yellowstone Division superintendents, photos: Glendive, Merrill Ave. 1881; Roundhouse with Class C-9 4-4-0 Standard on 5-1887; Merrill Ave. in early 1900's; map 1882; Yard 1895; Northern Pacific 128 Class H 0-4-0 switcher & K1254 caboose; Relay office on 8-12-30; main line construction at Glendive in 1881; Class W-4 Northern Pacific 2502 2-8-2 at Glendive on 9-3-53; Class W-4 Northern Pacific 2502 shoving train at Glendive; Class A-4 Northern Pacific 2671, Northern Pacific 2677 & Class W-4 Northern Pacific 2503 on 7-20-46; Class W-1 2-8-2 Northern Pacific 1661 on Sidney Branch near Glendive w/train and bay window caboose; Class Z-6 4-6-6-4 Northern Pacific 5105 at Glendive coal dock on 9-3-53; F7 6011 w/ train at Scoria, ND on 9-3-53. American, standard, switcher, Mikado, Northern, Challenger, Ogle coaling station.	Article	14	2	13	12	NPRHA

Glendive's Company Houses	Schrenk, Lorenz P.	Mainstreeter	1995	A history of the building and location of Northern Pacific Railway company houses in Glendive, Montana, Keywords: company house, Glendive	Article	14	2	17	3	NPRHA
Dwelling House Glendive, Montana, 1-14-03	Northern Pacific Railway	Mainstreeter	1995	Standard Plan of all four sides, floor plans and out house, Northern Pacific company houses built at Glendive, Montana in 1903, Keywords: company house, Glendive	Drawing	14	2	18	3	NPRHA
Train Time at Glendive	Schrenk, Lorenz P.	Mainstreeter	1995	Description of train operation through Glendive, Montana, photos: Class A-5 4-8-4 Northern Pacific 2681 w/ train 3 Mainstreeter on 6-14-56; Class Q-5 4-6-2 Northern Pacific 2238 w/ passenger train on 9-3-53. Keywords: Northern, Pacific, Alaskan, North Coast Hiawatha, North Coast Limited, Pacific Express, Atlantic Express, Pacific Mail, Atlantic Mail, Sydney Branch, Redwater Branch	Article	14	2	29	2	NPRHA
Tracking the NP	Brehm, Kyle	Mainstreeter	1995	NP GP-9s, Red River Valley & Western, car sightings Northern Pacific 96086: Keywords: GP-9, Red River Western, Tongue River Railroad	Column	14	2	31	2	NPRHA
14-1 Correction: Main Line of the Prairies	Bursack, William	Mainstreeter	1995	Text missing from V14-1, about ruling grades between Forsyth, Montana and Jamestown ND. Missouri Division, Yellowstone Division, Dakota Division, Montana Division	Article	14	2	33	1	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1995	HO 50-foot wood box car kits by Walthers (not like NP) and Roundhouse (close to NP, suggestions for modification), W&R Class Z-6, Class Z-3	Column	14	2	33	2	NPRHA
A-2 2652 near Glendive, Montana	Fredrickson, James M.	Mainstreeter	1995	Inside back cover photo of Class A-2 4-8-4 Northern Pacific 2652, w/ train, Glendive, Montana. Northern	Photo	14	2	35	1	NPRHA
Z-8 4-6-6-4 NP 5247 inside Glendive, Montana roundhouse	Not identified	Mainstreeter	1995	Back cover photo of Class Z-8 4-6-6-4 Northern Pacific 5247 inside the Glendive, Montana Roundhouse after 1946, Keywords: Challenger, steam	Photo	14	2	36	1	NPRHA
Class A-4 NP 2676 with North Coast Limited at St. Paul	Nixon, Ronald V.	Mainstreeter	1995	Front cover photo of Class A-4 Northern 4-8-4 Northern Pacific 2676 train 1, North Coast Limited, leaving St. Paul Depot on 8-22-48.	Photo	14	3	1	1	NPRHA
Class A-3 NP 2665 at Staples, MN	Not identified	Mainstreeter	1995	Inside front cover photo of Class A-3 4-8-4 Northern Pacific 2665, after an engineer's last run, pulling North Coast Limited, Train 1, at Staples MN. Northern	Photo	14	3	2	1	NPRHA
From the President	Kuebler, William R., Jr.	Mainstreeter	1995	Missoula convention 1996.	Column	14	3	4	1	NPRHA
Del Goodsell, Northern Pacific Engineer, Part 1	Carr, George J.	Mainstreeter	1995	Article describing the life and career of Del Goodsell from his childhood, working on the Stockwood fill, going to work for Northern Pacific Railway as a hostler, firing, WWI, as an engineer, running steam, branch lines, main line and diesel, photos: Class A-5 4-8-4 Northern Pacific 2680 at Dilworth MN on 9-30-54; Class T 2-6-2 w/ train at Frazee MN in 1924; T Prairie 2-6-2 Northern Pacific 2312, Dilworth, MN 5-25-40; Northern Pacific 2315 at Little Falls MN on 7-27-52; Dilworth roundhouse in 1909; Stockwood Fill construction; Staples Car shop in 1968; Staples Depot in 1910; Staples east end tower in 1953; Staples engine facility and yard in 1954; East Grand Forks depots in 3 eras; Honeyford depot in 1960; Class A-4 Northern Pacific 2674 at Detroit Lakes MN with North Coast Limited in 1947; Manitoba Jct. Depot; track inspector's car, 1939 Ford, at East Grand Forks MN in 1950; Class A-5 Northern Pacific 2680 with train 605 at Lincoln MN on 9-2-56; Lake Park MN modern view; bay window caboose, New York Mills MN operator hooping up orders; B-19 Gas Electric on Grays Harbor Local in 1938. Key words fireman, Stockwood helper service, Class X, 4-8-0, steam, Northern, Red River Branch, Fergus Falls Branch, Manitoba Limited, fish train, chain gang, doodlebug,	Article	14	3	5	13	NPRHA
NPRY Standard Plan of Pump House	Northern Pacific Railway	Mainstreeter	1995	Northern Pacific Railway Standard Plan of Pump House, 12-7-1895. Plan S-37-2	Drawing	14	3	16	2	NPRHA
The Evolution of the NP FTs	Egan, Patrick	Mainstreeter	1995	A history of the Northern Pacific FTs and the changes that occurred while in service, photos: 5401AB at Auburn WA on 6-14-67; Northern Pacific 6003 ABBA at Easton WA on 6-11-44; Northern Pacific 6003/5403 ABBA at Missoula, Montana on 4-24-50; 3 detail views; Northern Pacific 5402ABCD at Portland OR on 3-14-64, Keywords: FT, diesel, 5401, 5403, 5402, 6003, Easton, Missoula, Portland	Article	14	3	19	4	NPRHA

The Story of a Bawdy House	Phillips, John A. III	Mainstreeter	1995	Story about researching techniques for sources of Northern Pacific Railway photos, photos: Woodinville WA depot on 5-9-39, 2nd class 2-story combination depot; Enumclaw depot in 1939, Great Northern Skykomish roundhouse on 4-5-40; Enumclaw depot on 5-65, Milwaukee Road Enumclaw depot in 1940; Carbon Clay & Coal Co. in Bayne WA on 4-9-40, Keywords: King County Assessor records, Pickett Collection, King County Landmarks and Heritage Commission, Washington State Archives	Article	14	3	23	4	NPRHA
Waiting in the Hole	Carson, Gene;	Mainstreeter	1995	Article on two Montana branch lines – Billings and Central Montana Railway, the Manhattan and Anceny Branch.	Column	14	3	26	2	NPRHA
Collecting “Things NP”	Bursack, William Reed, Chuck	Mainstreeter	1995	Northern Pacific Railway silver service with reference to books: Silver at your Service by Dominy and Morganfruth;; Dining Car Line to the Pacific by McKenzie; photos: Silverware styles	Column	14	3	27	2	NPRHA
Tracking the NP	Brehm, Kyle	Mainstreeter	1995	Montana Rail Link to lease Billings depot, discussion about BN or WC operating Stampede Pass Line, MRL hopper used as a clearance car in Mullan Tunnel, Northern Pacific Transport trailer	Column	14	3	28	2	NPRHA
Modeling News	Egan, Patrick	Mainstreeter	1995	Atlas U33C, Bowser round roof box cars, Intermountain O 55T 2-bay hopper, Micro-Scale MRL decals #87-887, 48-454, 60-887, Micro-Trains N scale 40 ft box car, Overland HO U25C, U28C, U33C, Pecos River Brass N scale Pullmans No.1841 10-1, Roundhouse 50-T DD door single sheathed box car, Sunshine Models 1942 AAR 10-6 box car & WWII composite war emergency box car, W&R Brill gas-electric cars, Keywords: Atlas, U33C, Intermountain 2-bay hopper, Micro-Scale, Micro-Trains, Overland, U28C, U25C, Pecos River, Roundhouse, Sunshine, AAR box car, composite box car, W&R, Brill, gas-electric	Column	14	3	29	2	NPRHA
Property Record, Northern Pacific depot at Woodinville, WA	Not identified	Mainstreeter	1995	Inside back cover photo showing typical Property-Record Card, Woodinville WA depot, shows type of data available. King County Assessor, Washington State Archives	Photo	14	3	31	1	NPRHA
FT Builder’s Photo	EMD	Mainstreeter	1995	Back cover Builder’s photo of FT 6000, February 1944	Photo	14	3	32	1	NPRHA
NP 2253 at St. Paul with passenger train	Not identified	Mainstreeter	1995	Front cover photo of Class Q- 6 Northern Pacific 2253, St. Paul with passenger train.	Photo	14	4	1	1	NPRHA
Battle Lake, MN Depot	Behning, Baron H.	Mainstreeter	1995	Inside front cover photo of Battle Lake MN depot in June 1968	Photo	14	4	2	1	NPRHA
From the President	Kuebler, William R., Jr.	Mainstreeter	1995	Comparison of NPRHA with GNRHS	Column	14	4	3	2	NPRHA
Del Goodsell, Northern Pacific Engineer; Part 2	Carr, George J.	Mainstreeter	1995	Daily life of fireman and engineer as seen through the eyes of Del Goodsell; with personal stories and tales during 52 years working for Northern Pacific Railway, getting ice at Detroit Lakes, photos: depot at Underwood MN 6-68; Class D-3 2-6-0 mogul Northern Pacific 451; Class S-10 4-6-0 ten-wheeler Northern Pacific 325; Class Q-6 Pacific Northern Pacific 2261, 2-8-2; depot at Fertile MN; Class W-3 2-8-2 mikado Northern Pacific 1787 at Lake Park coal dock in 1940; Class G-1 switcher 0-8-0 Northern Pacific 1173; Class A-5 4-8-4 Northern, Northern Pacific 2685; Class T 2-6-2 Prairie Northern Pacific 2315; Red River bridge at Grand Forks MN; Roundhouse at Staples MN in 1961; Russell Snow Plow 29at East Grand Forks in 4-50; B-18 Gas Electric at Breckenridge MN; Class T Northern Pacific 2430 and wreck train at Melvin MN gravel pit in1940s.	Article	14	4	5	14	NPRHA
Drawing, NP’s 1937 AAR Box (Car)	Hitt, Dennis	Mainstreeter	1995	Drawing of Northern Pacific 1937 AAR boxcar, reprinted permission of Mainline Modeler.	Drawing	14	4	16	2	NPRHA
The 1937 AAR Boxcar on NP	Hitt, Dennis	Mainstreeter	1995	Article describing the need for, design and purchase of 1937 AAR cars, photos: builders photo Northern Pacific 17177, Northern Pacific 17672, Northern Pacific 15634, Northern Pacific 15108, Northern Pacific 17925; end views Northern Pacific 17925; frame.	Article	14	4	20	6	NPRHA
Waiting in the Hole	Carson, Gene; Hove, Glenn	Mainstreeter	1995	Story told by Kyle Rath about being stuck in the Snow at MP 59 during a 1966 blizzard.	Column	14	4	26	2	NPRHA
Tracking the NP	Brehm, Kyle	Mainstreeter	1995	Montana Rail Link will lease the Northern Pacific depot in Billings, News about pending reopening of Stampede Pass, current operations on ex-South Branch from Mandan to Fort Lincoln.	Column	14	4	27	2	NPRHA

Modeling News	Egan, Patrick	Mainstreeter	1995	HO scale: Funaro and Camerlengo redesign of 36-ft box; Innovative Design Northern Pacific section house; Life-Like SW-9 and SW-1200 switchers; Precision Scale Z-5 and Baldwin VO-660, VO-1000; Stewart F-3 phase 4, musings on pending BN and ATSF merger, with speculation for a Northern Pacific-heritage paint scheme.	Column	14	4	28	3	NPRHA
1937 AAR Boxcar, NP 16264	Not identified	Mainstreeter	1995	Inside back cover photo of 1937 AAR Boxcar 16264, AC&F built car, builders photo, Keywords: 1937, AAR, AC&F , box car	Photo	14	4	31	1	NPRHA
NP 1173 and NP 1177 0-8-0 switchers	Graham, Bob & Foster R. J.	Mainstreeter	1995	Back cover photo of 0-8-0 switchers, Class G-1 Northern Pacific 1173 and Class G-2 Northern Pacific 1177	Photo	14	4	32	1	NPRHA
Invitation to the West: Railroad Art and Experience Advertising	Runte, Alfred	Locomotive & Railway Preservation	1995	Study of advertising techniques promoting travel to the west and western scenery by several railroads including Northern Pacific. Keywords: Advertising, WONDERLAND, Yellowstone Park, Thomas Moran, Charles Fee, Mount Rainier,	Article		54	54	8	Interurban Press
Journey to Destiny	Warriner, Watson C.	Trains	1995	First person account of World War 2 ride on North Coast Limited en route to assignment at Hanford Works.	Article	55	Aug	54	3	Kalmbach, Milwaukee, WI
Northern Pacific's Grand Posters	Gruber, John	Vintage Rails	1996	Two specimens in color and a listing of poster artists who did work for Northern Pacific advertising. Keywords: advertising, posters, Gustav Krollmann, calendars, Brown and Bigelow. Thomas Moran	Article		2	62	2	Pentrex, Pasadena
Theodore Roosevelt Arch at the Gardiner Gateway	Northern Pacific Railway	Mainstreeter	1996	Front Cover – 1914 advertisement from Country Life in America for the Northern Pacific Railway's Gardiner Gateway to Yellowstone National Park	Painting	15	2	1	1	NPRHA
NP 5115 at Pasco ash pit	Beach, Phillip F.	Mainstreeter	1996	Photo of Northern Pacific 5115 Class Z-6 4-6-6-4 at Pasco ash pit showing overhead crane for dumping ashes, June 1954. Keywords: Challenger	Photo	15	2	2	1	NPRHA
From the President	Kuebler, William R., Jr.	Mainstreeter	1996	President's column, promoting 1996 Missoula convention, recruitment program, notes on 1995 Glendive convention raffle winners, lifetime honorary membership given to Bill McKown, Al Farrow, Jim Fredrickson and Warren McGee.	column	15	2	4	1	NPRHA
The Gardiner Gateway to Yellowstone	Reese, Craig D.	Mainstreeter	1996	History of the Park Branch from Livingston, Montana to Gardiner, Montana, including visits by Presidents Chester A. Arthur and Theodore Roosevelt to Yellowstone Park, attempts to extend the branch to Cooke City, Operations, promotions including Wonderland Magazine, open air observation cars, timetables from 1928 and 1947, back cover of 1905 and 1923 timetables with fares from various cities to Yellowstone Park, drawing of open air observation car, pictures of stations at Gardiner, Cinnebar and Emigrant, references	article	15	2	5	19	NPRHA
Trains to Yellowstone	Beach, Phillip F.	Mainstreeter	1996	Selected examples of sleeping car service to Yellowstone from 1888 to 1950, based on selected public and employee timetables.	sidebar	15	2	19	1	NPRHA
Del Goodsell, 1898 – 1995	Carr, George J.	Mainstreeter	1996	Memorial to Del Goodsell, engineer, who went to work on Northern Pacific Railway in 1914 and retired in 1966;	Article	15	2	22	2	NPRHA
Tracking the NP	Brehm, Kyle	Mainstreeter	1996	Rumors of reopening Stampede Pass, ex-NP domes 552 and 553 return to Montana Rail Link, planned Phillip Morris promotional train to Montana for smokers, Rocky Mountain Rail Tours will return in 1996, rebuilding caboose at Ellensburg depot, stock car Northern Pacific 82995, box car Northern Pacific 40516, depot news about Eckelson, Spiritwood, Carrington, Barlow, with photos of Connell WA and Almont ND depots, chip cars at Brainerd, currently owned by "D&E", Phillipsburg, Montana branch now has depots and some track removed.	Column	15	2	24	3	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1996	HO scale: Atlas 2-bay open hopper in 4 Northern Pacific numbers; Athearn 40-ft reefer in Northern Pacific but will need roof and ends repainted; Bachmann SD-45 but none in NP; Stewart F-3s in Loewy, appropriate Northern Pacific FTs are #5000 for FTA and #5004 for FTB; Brass Car Sides taking reservations for NP-SP 10-6 Pullman Std sleepers, also have 56-psgr coach Nos. 588-599, Travelers Rest, Budd diner Nos. 459-463, 8-6-3-1 Pullmans, Budd 4-4-4 dome-sleeper, 56-seat coach Nos. 500-517/301-306; MDC Roundhouse released BN Fallen Flags cars in AAR 40-ft box and modern 40-ft box; W&R is planning to release tank car, flat car, and Z-3 in 1996; JL Innovative Design catalog with Northern Pacific buildings for East Junction section house and McDougall telegraph office.	Column	15	2	26	2	NPRHA

Modeling News	Nichols, Jeff	Mainstreeter	1996	N scale: Atlas GP-7 in Phase 1 body, but not Northern Pacific paint; Brass Car Sides soliciting reservations for Northern Pacific dome sleeper 307-314; Detail Associates detail kit for Atlas U33/36; Fine N Scale resin Pennsy X-32 50-ft double door box car leased by NP; Micro-Trains Northern Pacific 50-ft single door box car in "Share-the-Freedom" scheme; Precision Masters Inc covered hoppers in BN colors and Northern Pacific numbers; Walthers 50-ft double door outside braced box car planned in NP.	Column	15	2	26	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1996	G scale: USA Trains has released their reefer in Northern Pacific paint scheme	Column	15	2	26	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1996	Publications: Classic Freight Cars Volumen 7: 50-ft box cars my H&M Production probably has some Northern Pacific cars in it; Northern Pacific Color Pictorial Volume 2 has been released by Four Ways West; Color Guide to Freight and Passenger Equipment has been released by Morning Sun Books.	Column	15	2	26	2	NPRHA
Waiting In The Hole	Carson, Gene, Bursack, Bill	Mainstreeter	1996	Summary of wheat-growing potential along the Northern Pacific Railway route, with numerous excerpts from Annual Reports of 1877 and 1879. Manifest Destiny.	Column	15	2	27	3	NPRHA
NP 1201 on Pasco outbound track	Beach, Phillip F.	Mainstreeter	1996	Inside back cover photo of Northern Pacific 1201, class Y-3 2-8-0 and Northern Pacific 535 Baldwin switcher on second outbound track at Pasco WA roundhouse in June 1954. Consolidation.	Photo	15	2	31	1	NPRHA
Pasco switchers on inbound track with coal dock	Beach, Phillip F.	Mainstreeter	1996	Back cover photo of Northern Pacific 1250, class Y-2 2-8-0, Northern Pacific 1201, class Y-3 2-8-0, and Northern Pacific 1616 class W 2-8-2 on Pasco WA inbound track next to coal dock. Consolidation, Mikado.	Photo	15	2	32	1	NPRHA
Model of SW-1200	Crow, Clint C.	Mainstreeter	1996	Front cover photograph of Life-Like SW-1200 HO Scale model upgraded by Jeff Nichols	Photo	15	3	1	1	NPRHA
NP 1672 pulling Train 4 at Wymer WA	Fredrickson, James M.	Mainstreeter	1996	Front cover photo of Northern Pacific 1672, Class W-1 Mikado, pulling Train 4 at Wymer WA on June 10, 1944, loco has hooded headlight for WWII blackout regulations.	Photo	15	3	1	1	NPRHA
NP 4015 at Wymer WA on June 14, 1944	Fredrickson, James M.	Mainstreeter	1996	Inside front cover photo of Class Z-3 2-8-8-2 mallet Northern Pacific 4015 pulling freight at Wymer WA.	Photo	15	3	2	1	NPRHA
From The President	Kuebler, William R., Jr.	Mainstreeter	1996	Efforts to find a home for Warren McGee's collection, efforts to balance articles in the Mainstreeter	Column	15	3	4	1	NPRHA
Misunderstanding at Wibaux	Bursack, William	Mainstreeter	1996	Story of head-on collision at Wibaux, Montana on September 20, 1954, between Class W-2 mikado 2-8-2 Northern Pacific 1917 and F7 Northern Pacific 6011; recollections by Arnie Wanner (fireman on 6011), Richard Diebel (rear brakeman for 1917, and Bob Gruman (wrecker operator); reprint of Hunter Picken's story from Trains magazine; rebuilding of 6011; story from Wibaux Pioneer-Gazette, photos of wreck and location today.	Article	15	3	5	10	NPRHA
Wymer, Washington: Train Order Station and Section Crew Base	Poindexter, Raymond	Mainstreeter	1996	Description of facilities, duties, and lifestyle at Wymer WA telegraph office and section crew base, with station plat and photographs of buildings;	Article	15	3	14	10	NPRHA
Map of Wymer WA facilities	Northern Pacific Railway	Mainstreeter	1996	Centerfold collage with 1917profile map, undated section map, and 1915 Valuation Map of Wymer, 1917profile map, and road map for geographic location	Drawing	15	3	16	2	NPRHA
Tracking the NP	Brehm, Kyle	Mainstreeter	1996	Description of work in progress to reopen Stampede Pass; Northern Pacific equipment sightings for covered hoppers, tank cars, SW-1200; storm damage to Lewis and Clark Railway (ex-Yacolt Branch); Minnetonka visits Fort Worth; International Falls MN depot to be preserved; semaphores on Winston Hill replaced; weather damage to Camas Prairie Railroad; BNSF to sell off branch lines in Eastern Washington	Column	15	3	24	2	NPRHA
While Waiting in the Hole	Carson, Gene; Glass, Geoff K.	Mainstreeter	1996	Story of flagging the North Coast Limited using the Mars light on an FT; warming valve oil using the firebox. Class G-2, Northern Pacific 1176, switcher, 0-8-0, Pasco WA.	Column	15	3	26	1	NPRHA
Modeling the NP	Nichols, Jeff	Mainstreeter	1996	Detailing the LifeLike SW-1200. model, HO scale	Article	15	3	27	3	NPRHA

Modeling News	Nichols, Jeff	Mainstreeter	1996	HO Scale: Accurail 3-bay hopper in NP; Athearn 50-ft mechanical reefer in NP; C C Crow model of Mississippi Street Tower; Custom Finishing has a Fairmont Speeder; Red Caboose AAR 40-ft box car in Northern Pacific schemes; Sunrise Enterprises has a Union Switch and Signal Company searchlight signal; NJ International has 4 styles of signal bridges; W&R reports reservations are full for the Z-3.	Column	15	3	29	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1996	O Scale: Red Caboose has Northern Pacific flat car and GP-9 in the canoe scheme; Microscale caboose decals	Column	15	3	29	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1996	N Scale: Atlas 50-ft double door box in NP, GP-7 with dynamic brakes; Brooklyn Locomotive Works has two 40-ft single door box cars in Northern Pacific schemes; Challenger N Scale has a 40-ft single door box in Northern Pacific scheme.	Column	15	3	29	1	NPRHA
NP 5110 and a Z-3 at the Wymer water plug	Fredrickson, James M.	Mainstreeter	1996	Inside back cover photo of Class Z-6 Northern Pacific 5110 waiting for a turn at the Wymer WA water plug, which is being used by a Class Z-3, on June 7, 1944. Challenger, mallet	Photo	15	3	31	1	NPRHA
NP 5112 at Wymer WA depot	Fredrickson, James M.	Mainstreeter	1996	Back cover photo of Class Z-6 Northern Pacific 5112 thundering past the Wymer WA depot on June 5, 1944. Challenger.	Photo	15	3	32	1	NPRHA
NP 328 at Osceola WI in 1996	Dick, James C.	Mainstreeter	1996	Front cover photo of Northern Pacific 328, Class S-10 4-6-0, at Osceola WI on an August 4, 1996 excursion sponsored by the Minnesota Transportation Museum, using SOO line tracks. Ten-wheeler	Photo	15	4	1	1	NPRHA
NP 328 at St. Paul pulling 1985 NPRHA convention special From the Presidents	Johnston, Robert W.	Mainstreeter	1996	Inside front cover photo of Northern Pacific 328 pulling an NPRHA convention special at St. Paul in 1985. Class S-10, 4-6-0, ten-wheeler.	Photo	15	4	2	1	NPRHA
	Kuebler, William R., Jr.; Hill, James	Mainstreeter	1996	Highlights of Missoula Convention, planning for Bismarck/Mandan convention, Bill Kuebler resigns as president and Jim Hill takes over.	Column	15	4	4	2	NPRHA
The Truth about 328 Revealed	Schrenk, Lorenz P.	Mainstreeter	1996	History of Class S-10 ten-wheeler 4-6-0 locomotives, including Northern Pacific 328; Story of these engines plus at least 10 more being built by Alco for the Chicago Southern Railroad, which was unable to pay, so engines were sold off to Northern Pacific Railway; Other railroads receiving members of class include "Chicago, Milwaukee, St. Paul & Pacific", "Wisconsin & Michigan", "Nevada Northern", "Pullman Railroad", "Manchurian Southern Railway".	Article	15	4	5	7	NPRHA
The Other Four	Egan, Patrick	Mainstreeter	1996	Brief summary of what is known about histories of four other members of the Alco 4-6-0 engines built for the Chicago Southern; Pullman Railroad # 14; Nevada Northern # 20 (not the preserved engine, which is # 40); Manchurian Southern # 100 and # 101. Class S-10, ten-wheeler.	Article	15	4	12	2	NPRHA
Glendive, Montana: Northern Pacific Division Point, Part Two	Schrenk, Lorenz P.	Mainstreeter	1996	History of Glendive depots and lunch room; freight facilities: freight house, wool warehouse, river warehouse; stockyards; Ice houses; railroad shop and Yard facilities: roundhouse and machine shop, diesel facilities, power house, coal dock, sandhouse, water tanks, roundhouse lavatory building, motor car house, car repair shop, diesel fueling station, oil house; Other railroad buildings: dining car supply house, yard office, wrecker shed, waste oil reclaiming plant, shop storehouses, concrete plant, carpenter shop, load adjuster, Wilson train washer, yard underpass, miscellaneous yard structures, residences for railroaders, Northern Pacific Beneficial Association Hospital, Arcade Tavern, post-merger organizational changes. NPBA, Yellowstone Division, Dakota Division	Article	15	4	14	12	NPRHA
Plan; Depot, Kalama, Wash.	Northern Pacific Railway	Mainstreeter	1996	Centerfold plan for new Kalama WA depot, dated 1958	Drawing	15	4	18	2	NPRHA
Tracking the NP	Brehm, Kyle	Mainstreeter	1996	Description of recent activity at Stampede Pass, excursions by Northern Pacific 328, discovery of rock wall constructed by Chinese labor in 1880s near Eddy,, Montana, dome car and Montana Daylight on Montana Rail Link.	Column	15	4	28	3	NPRHA
While Waiting In the Hole	Carson, Gene; Christensen, Jack	Mainstreeter	1996	Jack Christensen memories of working at Auburn in 1942, duties of roundhouse workers, list of engines in service in Auburn in 1942, crew calling, monikers of enginemen,	Column	15	4	31	2	NPRHA

Modeling News	Nichols, Jeff	Mainstreeter	1996	N scale: Brooklyn Locomotive Works has two 40-foot box cars in Northern Pacific Railway schemes; GHQ has promised a kit for converting a Kato 2-8-2 to a W-3; Micro-Trains has released a 4-car set with and Northern Pacific Railway dark green plug door box car; PMM Models has an air dump car similar to Northern Pacific Railway cars; Precision Masters has sets of green covered hoppers.	Column	15	4	33	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1996	S Scale: River Raisin Models has a 40-ft round roof box car	Column	15	4	33	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1996	HO Scale: Athearn will have 2-car set of Northern Pacific 50-ft box cars; Brass Car sides has set 173-313 to be released soon; Bowser will release a 100-ton 3 bay hopper, but not in NP; Detail Associates is introducing ACF Center Flow hopper kits; Express Station Hobbies has a limited run of MicroScale decals fro F units in Pine Tree Green scheme; Donald Halffield is offering painted and lettered Northern Pacific Transport tractors and trailers; Intermountain has an Northern Pacific 40-ft reefer; Life-Like has announced 40-ft Mather stock cars; Overland Models will have bay window cabooses; Portland Car and Foundry offers Walthers Difco side dump cars in Northern Pacific; Red Caboose plans a 42-foot flat car and four 40-ft box cars in Northern Pacific; Shoreham Shops has 48-seat coaches and Holiday Lounge cars for the Mainstreeter; Sunrise Enterprises offers a casting for a red nose light on the Atlas U33C; W&R is expecting 52-foot flat cars and Z-3 locomotives.	Column	15	4	33	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1996	Notes on writing modeling articles for the Mainstreeter.	Column	15	4	34	1	NPRHA
Glendive Depot in 1995	Brehm, Kyle	Mainstreeter	1996	Inside back cover photo of Glendive, Montana depot in 1995	Photo	15	4	35	1	NPRHA
NP 2603 on Glendive turntable	Nixon, Ronald V.	Mainstreeter	1996	Back cover photo of Class A Northern Northern Pacific 2603 on Glendive, Montana turntable in July 1930. 4-8-4	Photo	15	4	36	1	NPRHA
BNSF reclaims locomotive from Duluth museum	Keefe, Kevin P.	Trains	1996	News item on ownership and location of NP's Minnetonka. Keyword: Minnetonka.	Column	56	Mar	18	1	Kalmbach, Milwaukee, WI
No 5 loading at Selah, WA	Matthews, Fred	Trains	1996	Color shot of No 5 loading at Selah, WA in 1957. Keyword: Train 5, Selah.	Photo	56	Nov	4	2	Kalmbach, Milwaukee, WI
World of Sagebrush Annie, The	Matthews, Fred	Trains	1996	Photo feature of trains in Pasco area, including Trains 5-6, North Coast Limited, and SPS trains, with emphasis on passenger services. Keyword: Train 5, Train 6, North Coast Limited, Pacific Express, Pasco, Yakima	Photo	56	Nov	56	6	Kalmbach, Milwaukee, WI
NP-B-14 at Lewiston, ID, 9-12-55	Fredrickson, James M.	Mainstreeter	1997	Rail car B-14, Lewiston ID, 9-12-55, combination car w/ a 15 ft. mail compartment, Keywords: B-14, mail car, gas electric, doodlebug, RPO	Photo	16	1	1	1	NPRHA
From the President	Hill, James	Mainstreeter	1997	Discussion about the Missoula convention, the upcoming year and Bismarck convention, membership drive and volunteering for NPRHA	Column	16	1	1	4	NPRHA
NP-B-14 at Lewiston, ID, 9-12-55	Butler, Bruce	Mainstreeter	1997	Rail car B-14, on 6-14-54, unloading mail at Lewiston ID, Keywords: B-14, mail car, gas electric, doodlebug, RPO	Photo	16	1	2	1	NPRHA
Remembering the RPO	Bursack, William	Mainstreeter	1997	Article describing RPO development and operation in the US and in particular NP, covers branch lines and rail car Pros, describes training & duties of RPO workers; photos: Q-6 Northern Pacific 2250 w/train 422 at Tacoma, WA, 4-10-52 w/ RPO 1410; Northern Pacific switcher on Camas Prairie w/RPO from train 311, Lewiston ID, 6-16-54; train 311 w/ GP-7 Northern Pacific 560 at Pullman WA, 1-55; North Coast Limited train 25 w/ RPO at Highview, Montana, 5-20-62, RV Nixon photo 33914; train 423 at Gate WA w/Q Northern Pacific 2194, gas electric B-8,1941; gas electric B-19 leads train, south Seattle, 1939; Q-6 Northern Pacific 2256, with train 311 at Spokane WA, 9-54; A Northern Pacific 2600 w/North Coast Limited at Whitehall, Montana on 6-32,RV Nixon photo 1041; Q-5 2241 w/ train 4 at Black River Jct. WA, 1945; Q Northern Pacific 2164 w/train 288 at Garrison, Montana on 12-14-43, RV Nixon photo 33729; Q-5 Northern Pacific 2235 w/ train 4 at Auburn WA on 4-2-38,	Article	16	1	5	7	NPRHA
Growing Up with the Railway Mail Service	Bursack, William	Mainstreeter	1997	Article describing the life of a RPO employee, author's father, describes training & duties of RPO workers photos: A-4 Northern Pacific 2677 at Jamestown, ND 1942 w/ RPO; 3 photos inside RPO 1447, Keywords: RPO, Class A, Steam	Article	16	1	13	3	NPRHA

Mail Cars of the Northern Pacific	Bursack, William	Mainstreeter	1997	Article describing mail and RPO cars of NP, design, construction and operation, roster, including eleven diagrams and drawings; photos, diesel AS1600 Northern Pacific 500 w/train 422 at Tacoma on 9-15-52; Postal Car 100; RPO 90 in 1960; mail-dormitory 428, 430, 6-1947; mail-baggage-coach at St. Paul in 1966; Keywords: RPO mail express, mail dormitory, AS1600	Article	16	1	16	10	NPRHA
50 Ft. Mail Car, NPRR, March 1890	Northern Pacific Railway	Mainstreeter	1997	Diagram of 50-foot mail car dated March, 1890	Drawing	16	1	16	1	NPRHA
Plan of 50 Ft. Mail Car, NPRR, March 1893	Northern Pacific Railroad	Mainstreeter	1997	Floor plan Drawing of 50-foot mail car dated March, 1893	Drawing	16	1	17	1	NPRHA
50 Ft Postal Car, Nos. 47, 48, 49	Northern Pacific Railway	Mainstreeter	1997	Diagram of 50-ft postal car Nos. 47, 48, 49, remodeled 1911 and 1912. Dwg 15955	Drawing	16	1	17	1	NPRHA
Mail-Dormitory Cars 425-430	Northern Pacific Railway	Mainstreeter	1997	Centerfold drawing of mail-dormitory cars 425-430, including profile and detailed floor plan, built 1947	Drawing	16	1	18	2	NPRHA
Mail-Dormitory Car 2nd 430	Northern Pacific Railway	Mainstreeter	1997	Centerfold drawing of mail-dormitory car 2nd 430, including profile and detailed floor plan, purchased from Chicago and Northwestern Railway in 1962	Drawing	16	1	18	2	NPRHA
60 Ft Postal Cars, Nos 64, 67-70, 72	Northern Pacific Railway	Mainstreeter	1997	Diagram of 60-ft Postal Cars, Nos 64, 67-70, 72, remodeled at Como in 1911	Drawing	16	1	20	1	NPRHA
Postal Cars Nos. 100 and 101, steel	Northern Pacific Railway	Mainstreeter	1997	Diagram of steel Postal Cars, Nos. 100 and 101, converted at Como in 1951; diagram 48	Drawing	16	1	21	1	NPRHA
Mail and Express Cars Nos. 141, 143	Northern Pacific Railway	Mainstreeter	1997	Diagram of Mail and Express cars Nos. 141, 143 remodeled at Como in 1911. Diagram 26-2	Drawing	16	1	22	1	NPRHA
Mail and Express Car No. 165, wood	Northern Pacific Railway	Mainstreeter	1997	Diagram of wood Mail and Express Car No. 165	Drawing	16	1	22	1	NPRHA
Mail and Express Cars, Nos. 1443-1452, steel	Northern Pacific Railway	Mainstreeter	1997	Diagram of mail and express cars Nos. 1443-1452, built 1929. Diagram 74	Drawing	16	1	23	1	NPRHA
Mail Storage Cars Nos. 91-97, 99	Northern Pacific Railway	Mainstreeter	1997	Diagram of mail storage cars Nos. 91-97, 99. Diagram 47	Drawing	16	1	25	1	NPRHA
Tracking the NP	Lustig, Michael	Mainstreeter	1997	Stampede Update, ex-Northern Pacific Railway lines in Eastern Washington sold to Palouse River and Coulee City RR, Minnetonka returns to Duluth, ex-NP passenger cars in ATK service, Business car Yellowstone River for sale.	Column	16	1	27	2	NPRHA
Waiting in the Hole	Carson, Gene	Mainstreeter	1997	Touching Steel – Working ‘On the Pit’ at Auburn, 1943-44; A Christmas Surprise, Keywords: Auburn shop	Column	16	1	28	4	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1997	N Scale: Atlas wide-vision caboose, Locomotives fallen flags freight cars; Tex-N-Rails DF boxcars; Precision Masters Northern Pacific covered hoppers;	Column	16	1	32	3	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1997	HO Scale: Atlas S-2 and S-4; Athearn fifty-ton hopper; Detail Associates ACF Centerflow hopper; Eastern Car Works passenger car core kits; Intermountain Ry. AAR boxcar; Overland Northern Pacific switch stands – main target and yard target; Red Caboose 42 foot flat car; Lifelike 40-foot Mather stock car; W&R Z-3, MOW car set, truss-rod box car, ACF & Pressed Steel tank cars, and Brill car B-17;; Overland #9571 spark arrestors for Northern Pacific SW-1200	Column	16	1	32	3	NPRHA
Mail-dormitory car #430	NP Photo	Mainstreeter	1997	Mail-dormitory car, second, No. 430, at Como Shops, July 1962, ex-CNW No. 9301, Keywords: passenger, mail, 430, CNW	Photo	16	1	35	1	NPRHA
Mail-dormitory car #430, interior	NP Photo	Mainstreeter	1997	Interior, Mail-dormitory car, second, No. 430, at Como Shops, July 1962, showing RPO section, Keywords: passenger, mail, 430, RPO	Photo	16	1	36	1	NPRHA
NP locomotive #51 with inspection car Bismarck Bridge across Missouri River, Ca. 1883	Haynes, F. Jay	Mainstreeter	1997	NP 52, a Class H 0-4-0 formerly used to shunt cars on and off the “Railroad Transfer” ferry, pulling inspection car and crew on the first span of the Bismarck Bridge across the Missouri River, ca.1883 Keywords: Bismarck, bridge, Missouri	Photo	16	2	1	1	NPRHA
Bismarck Bridge across the Missouri River	Haynes, F. Jay	Mainstreeter	1997	Bismarck Bridge, crossing the Missouri River, viewed from west bank, 1883, Keywords: Bismarck, bridge, Missouri	Photo	16	2	2	1	NPRHA
From the President	Hill, James	Mainstreeter	1997	Status of NPRHA, possible change in membership renewals, a call for articles	Column	16	2	4	1	NPRHA

The Bismarck Bridge	Masters, Jerry R.	Mainstreeter	1997	Article describing the selection of the site and line construction and building of the Bismarck Bridge, span replacement and slide problems, photos, bridge after 1955 rebuild, construction train, construction site views from the river bank, construction crews and equipment, pier construction, drawings of piers and bridge spans, photos in 1996 Keywords: Bismarck, bridge, Missouri	Article	16	2	5	19	NPRHA
Northern Pacific Railroad. Bismarck Bridge. Elevation, Plan and Profile	Morrison, George E.	Mainstreeter	1997	Elevation, plan and profile of the Northern Pacific Railroad's 1883 Bismarck bridge across the Missouri River, as drawn by George E. Morrison in 1881, double Whipple truss, with three 400-foot spans	Drawing	16	2	12	1	NPRHA
Northern Pacific Railroad. Bismarck Bridge. Foundation of Pier II	Morrison, George E.	Mainstreeter	1997	Foundation Plan for Pier II of the Northern Pacific Railroad's 1883 Bismarck bridge across the Missouri River, as drawn by George E. Morrison in 1881, showing longitudinal and cross section, with caisson	Drawing	16	2	13	1	NPRHA
Northern Pacific Railroad. Bismarck Bridge. Details of 400 Ft. Span	Morrison, George E.	Mainstreeter	1997	Detailed drawings of Whipple Truss components for the Northern Pacific Railroad's 1883 Bismarck bridge across the Missouri River, showing panel points with pin connections, etc.	Drawing	16	2	14	1	NPRHA
Northern Pacific Railroad. Bismarck Bridge. General Elevation and Plan of 400 Ft. Span	Morrison, George E.	Mainstreeter	1997	General elevation and plan of 400-foot span for the Northern Pacific Railroad's Bismarck bridge of 1883 across the Missouri River, showing details of a double Whipple Truss bridge.	Drawing	16	2	15	1	NPRHA
Bismarck Bridge. General Plan	Northern Pacific Railway	Mainstreeter	1997	Centerfold General elevation and plan of 1905 reconstruction of the Northern Pacific Railway's Bismarck bridge across the Missouri River	Drawing	16	2	16	2	NPRHA
Northern Pacific Railroad. Bismarck Bridge. General Elevation of 113 Ft. Span	Morrison, George E.	Mainstreeter	1997	General elevation of 113-foot spans at the east and west ends of the Northern Pacific Railroad's Bismarck bridge of 1883 across the Missouri River, showing details of a deck span with curved chord trusses	Drawing	16	2	18	1	NPRHA
Northern Pacific Railroad. Bismarck Bridge. Masonry of Pier II	Morrison, George E.	Mainstreeter	1997	Longitudinal and End Elevations showing the Masonry of Pier II for the Northern Pacific Railroad's 1883 Bismarck Bridge across the Missouri River	Drawing	16	2	19	1	NPRHA
While "Waiting in the Hole"	Carson, Gene	Mainstreeter	1997	Grand Theft, Locomotive, a story written by Ronald V. Nixon to Vern Alexander about working as a train dispatcher, but concentrates on "stealing" locomotives to move the traffic	Column	16	2	25	1	NPRHA
Tracking the NP	Lustig, Michael	Mainstreeter	1997	A description of the reopening of Stampede Pass by BNSF and NPRHA members chasing the first train with Jack Christensen at the throttle, renovating of the Ellensburg Depot, Skally line now a bike trail, Northern Pacific freight cars spotted in Union Pacific's Albina Yard, Northern Pacific box car 9501 on display at Camp 18, Seaside, OR, Keywords:	Column	16	2	27	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1997	Z Scale: Micro-Trains Northern Pacific 14950 40' box car in green w/ white stripe;	Column	16	2	29	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1997	HO Scale: Accurail wood reefer Northern Pacific 4809 in NP; Atlas extended vision caboose in green and yellow, NOT Northern Pacific prototype; Athearn 1934 AAR 50-ton hoppers five-pack in NP; Express Station Hobbies #851-81 Northern Pacific F-unit decal sheets, #851-59 custom painted Northern Pacific FT's; Euro-Rails Model Importers looking for information on motor vehicle models; Intermountain Ry. AAR 40' box car w/ 12 Northern Pacific numbers; Overland Models Northern Pacific bay window caboose; Life-Like Mather stock car Item #21205; Walther's Northern Pacific chip cars and various mill accessories; W&R Z-3's delivery, Keywords: Micro-Trains; Accurail; Atlas; Athearn 50-T hoppers; Express Station Hobbies decals, painted FT's, Euro-Rails vehicles; Intermountain AAR 40' box car; Overland bay window caboose; Life-Like Mather stock car; Walther's chip cars and Mill parts; W&R Z3's	Column	16	2	29	1	NPRHA
NP locomotive on east approach to Bismarck Bridge, 1905	Not identified	Mainstreeter	1997	Unidentified Northern Pacific Railway locomotive on the eastern approach span of the Bismarck Bridge during the 1905 rebuild	Photo	16	2	31	1	NPRHA

BN Freight train on the east approach to the Bismarck Bridge	Olson, Gerald	Mainstreeter	1997	Burlington Northern Railroad mixed freight train on the eastern approach to the Bismarck Bridge showing the 1905 configuration, the 1952 track realignment and new approach pilings of 1955,	Photo	16	2	32	1	NPRHA
Indian greeters at Mandan Depot	Not identified	Mainstreeter	1997	Front cover photo of Indian greeters at Mandan ND Depot.	Photo	16	3	1	1	NPRHA
Bismarck Depot	Not identified	Mainstreeter	1997	Front cover inset post card view of Bismarck ND Depot.	Photo	16	3	1	1	NPRHA
Aerial view of Mandan in 1922		Mainstreeter	1997	Aerial view of Mandan ND in 9-1922 with the Northern Pacific Railway roundhouse in the foreground and two-story passenger depot.	Photo	16	3	2	1	NPRHA
From the President	Hill, James	Mainstreeter	1997	Bismarck convention, announcement that Craig Reese as publisher of Mainstreeter, a call for someone to take over the NPRHA Company Sore, and a call for articles	Column	16	3	4	1	NPRHA
The Depots of Bismarck and Mandan	Schrenk, Lorenz P.	Mainstreeter	1997	Article describing building the Northern Pacific Railroad across the Dakota Territory and to the Missouri River and to Bismarck ND; Bismarck depots, Sheridan House, Bismarck's Fire, Bismarck's New Depot; Mandan's first depot, Second depot and new Colonial Style depot; photos: WB Alaskan w/NP 6505at Bismarck ND in 1951; Gen. Thomas L. Rosser Chief Engineer Dakota Div., with survey party in 1872; The river landing, steam boat and buildings at site of Bismarck bridge; Northern Pacific Railroad yard & warehouse in east bank of Missouri River in 1876 before bridge was built; river warehouse interior; Possible Bismarck depot ca. 1876; Sheridan House in Bismarck; Bismarck express building after 1898 fire; new Bismarck Depot, city side; Bismarck Depot w/ passenger train in Feb 1902; Bismarck Depot, city side in 1954; Bismarck Depot interior, waiting room in 1902; Mandan's original depot, ca. 1880 w/ round house in background; new Mandan Depot after 1882, New Mandan Dept and eating house; new Mandan Depot burned, 1920; new Mandan Depot rebuilt after 1920 fire w/ turkeys crated for shipment; Class A-2 Northern Pacific 2653 at Mandan w/train 3 on 9-6-46; EB passenger train at Mandan Colonial Depot headed by A-2 Northern Pacific 2653; Mandan Colonial Depot and eating house; Mandan eating house,	Article	16	3	5	19	NPRHA
Passenger and Freight Depot	Rosser, Thomas L.	Mainstreeter	1997	Track Side and end elevations of Northern Pacific Railroad Passenger and Freight Depot, 24 ft. by 70 ft, as drawn by Thomas L. Rosser, dated July 19, 1879; apparently used at Mandan ND	Drawing	16	3	14	1	NPRHA
Ground Plan of Passenger and Freight Depot	Rosser, Thomas L.	Mainstreeter	1997	Ground Plan of Northern Pacific Railroad Passenger and Freight Depot, 24 ft. by 70 ft. apparently used at Mandan ND	Drawing	16	3	15	1	NPRHA
Mandan (map)	Northern Pacific Railway	Mainstreeter	1997	Centerfold track map of Mandan ND locomotive service facilities, associated structures, and part of yard, dated July 22, 1953.	Drawing	16	3	16	2	NPRHA
The Indians at the Depot	Not identified	Mainstreeter	1997	Article describing how Northern Pacific Railway sponsored groups of Indians to stage exhibits, performances and sell handicrafts to passengers, photo: Indians standing next to train at Mandan, Keywords: Standing Rock, Lakota	Article	16	3	24	1	NPRHA
First Student Trip as a Fireman	Christensen, Jack	Mainstreeter	1997	Story about Jack Christensen's first student trip as a fireman describing his duties and events of the trip, Keywords: fireman, Jack Christensen	Article	16	3	25	3	NPRHA
Tracking the NP	Lustig, Michael	Mainstreeter	1997	NP business Car Yellowstone River Update: the Yellowstone River to become part of the BNSF HQ in Fort Worth, TX. Winter of 1997 and the affects on operation of ex-NP lines; Northern Pacific Chip cars spotted in Missoula, Billings Depot re-roofed, Providence Hill double tracked, Keywords: Yellowstone, business car, chip cars	Column	16	3	27	2	NPRHA
Call Board	Tarbox, Gary L.	Mainstreeter	1997	A description of the Publisher duties and Issue Editor function and a call for articles.	Column	16	3	28	1	NPRHA

Modeling News	Nichols, Jeff	Mainstreeter	1997	N Scale: Atlas wide vision caboose in Northern Pacific blue and yellow scheme, GP-7 #565 and un-numbered, Micro-Train #22090 40' plug and sliding door box car in green, Walther's Russell snow Plow;	Column	16	3	29	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1997	HO Scale: Accurail wood refrigerator 3-pack lettered for Northern Pacific (cars not accurate for NP); Campbell Road dry transfer set GOLD-2 for Northern Pacific heavy weight passenger cars; Don Halffield Sr. Northern Pacific TOFC decals for 53'6" flat car series 65110-65134; Iron Horse Models Z-5 Yellowstone; Kato ACF 70-ton covered hopper 76543-76642 series, SD-54; Life-Like single-deck Mather stock car; Pittsburgh Scale Models AAR 50-ton, 53'6" flatcar urethane kit #101-8, 62000-62299 series; Red Caboose 40' AAR box car w/ modern Northern Pacific heralds (may not be accurate for NP); Walther's 61' wood chip car by Gunderson 582650-582749 series; W&R Northern Pacific truss rod box car, Pressed Steel high walkway tank cars, Maintenance of Way cars, Northern Pacific Brill Gas-Electric Car, Northern Pacific Mikes W, W-1, W-2, W-3, mistake on 52' flat cars to be numbered in the 60000 series not 62000	Column	16	3	29	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1997	O Scale: Overland #0788 Northern Pacific Bay window caboose series 1543-1594 and #0789 Northern Pacific Bay window caboose 1547 w/side door; Micro Scale decal set 48-567 Roman lettering for Northern Pacific GP-7,	Column	16	3	29	2	NPRHA
Aerial view of Mandan in 1940s		Mainstreeter	1997	Inside back cover aerial view of Mandan ND in the 1940's showing Northern Pacific yard, round house and Colonial-style depot, Keywords: Mandan, aerial	Photo	16	3	31	1	NPRHA
View of Mandan Depot area from observation platform of a departing passenger train	Wallace Abbey	Mainstreeter	1997	Back cover view of Mandan Depot area from observation platform of departing first No. 2, showing arriving Class A-2 Northern Pacific 2652 with second No.2 with 15 cars, 8-29-46. Keywords: Northern, 4-8-4	Photo	16	3	32	1	NPRHA
EB Mainstreeter, No. 2, at East Auburn on 9-15-62	Fredrickson, James M.	Mainstreeter	1997	Front cover photo of eastbound Mainstreeter Train 2 waits at East Auburn WA on 9-15-62	Photo	16	4	1	1	NPRHA
Class Q-6 NP 2249 Pacific	Fredrickson, James M.	Mainstreeter	1997	Inside front cover photo of Northern Pacific 2249, Class Q-6 Pacific. Keywords: steam, 4-6-2	Photo	16	4	2	1	NPRHA
From the President	Hill, James	Mainstreeter	1997	Comments on the SP 4449 Stampede run, review of the Bismarck convention, needing material for the Mainstreeter. Keywords: 4-8-4, Northern	Column	16	4	4	1	NPRHA
In the Shadow of the Limited – Northern Pacific's Mainstreeter, Part 1: 1951-1962	Armbruster, Kurt E.	Mainstreeter	1997	Article describing the revamping of Northern Pacific Railway passenger trains in 1952 and the expedited schedule of the North Coast Limited, combining the work of the old Limited and the Alaskan into the Mainstreeter, describes the train consist, locomotives, dining service; Condensed schedule from 9-1956; Table of example consists in 1954, 1956, 1958, 1960, 1961 and 1962 Photos: Mainstreeter between Livingston and Muir, Montana on 5-18-54; Mainstreeter boarding sign at King St. Station, Seattle WA on 5-15-55; Mainstreeter Train 2 at Missoula on 9-2-45; Mainstreeter at Missoula on 9-7-54 w/F-7 6502C; Train 2 with steam helper between Arlee and Evaro, Montana on 9-15-53; Train 2 w/ Pullman observation Washington Cloud on rear 5-20-54; Northern Pacific 6501 leading Alaskan Train 3, at Knowles, Montana on 2-27-51; Alaskan Train 4 w/NP 6503 at Easton WA; Train 3 on steel bridge, Irwin, 6-22-50; Mainstreeter train 1 detoured over low line at Shilling, Montana on 6-15-62 w/NP 6501C; Washington Club on rear of Train 2 w/ sleeper series 367-372 at Garrison, Montana on 6-7-55, Keywords: passenger, locomotive, dining, Mainstreeter, Alaskan, Livingston, King St., Missoula, Evaro, Pullman, Washington Cloud, Easton, Shilling, sleeper	Article	16	4	5	9	NPRHA
NPRY Freight House, Glendive, Montana	Northern Pacific Railway	Mainstreeter	1997	Centerfold drawing of Northern Pacific Railway brick freight house, Glendive, Montana, dated May 26, 1900, Redrawn by Dennis Aust.	Drawing	16	4	16	2	NPRHA

The 1997 Stampede Run	Russell, James	Mainstreeter	1997	Article describing the trip over Stampede Pass by SP 4449 on 6-13-97, Photos: Jim Fredrickson hosting in ex-NP Vista Dome Car #550, 449 heading train with two BNSF units, Northern Pacific dome coach #550 as delivered at S. Tacoma, 7-30-54; Jim Fredrickson and Dave Nicandri Director WA Historical Soc.; 4449 w/ train Yakima, 7-15-97; Dome coach #550 near Prosser, WA, 7-15-97; passenger train at Stampede tunnel, Keywords: Stampede Pass, 4449, Jim Fredrickson	Article	16	4	18	3	NPRHA
The Wreck of Second No. 2	Christensen, Jack	Mainstreeter	1997	Article describing the Wreck of Second No. 2 on 11-21-42 when the train headed by Class Q-6 2249 derailed at "Deadman's Curve", just west of Cle Elum, WA, Photos: Northern Pacific 2246 with passenger train ca. 1930; roster shot of Northern Pacific 2249 before the wreck, 5 photos of the derailment, Keywords: steam, Pacific, 4-6-2	Article	16	4	21	5	NPRHA
While Waiting in the Hole "You're a Fireman Now, Kid"	Christensen, Jack	Mainstreeter	1997	Jack Christensen's first experience as a road fireman, firing Northern Pacific 2194 in helper service on First No. 2 from East Auburn to Lester, on 11-1-1944. Class Q-4, Pacific, 4-6-2	Column	16	4	26	2	NPRHA
Tracking the NP	Lustig, Michael	Mainstreeter	1997	Billings Depot update, platform restoration; Montana Daylight operations; Stampede Pass news of BNSF plans to upgrade signals to raise speed through Auburn; BN1 and BN2 at Illinois Railroad Museum; additional double tracing between Sand and Cunningham and between Athol and Granite ID and 11 miles of double track between Big Lake and Becker,, Montana; BNSF to sell line from Centalia to Hoquium and Camas Prairie line; ex-NP cars spotted in service, Keywords: Billings, Montana Daylight, Camas Prairie	Column	16	4	27	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1997	HO Scale: Athearn- limited 2-car edition of 50' pug door car in Northern Pacific representing 97693-97699, painted correctly, but with ladder detail, ends, roof and side sill problems;; Athearn 5-car AAR 50-ton hopper set are close to series 70200-70399; APS Brass Imports Tenshodo Class Z-7 full equalized frame and 2 motors; Brower ACF 2-bay covered hopper kit; Kato SD-45; Life-like double-deck stock car, Phase 3 GP-9 lettered for 370 and 359; Bev-Bell kit no 2291-1 and no 2291-2 single door 50' box car decorated for "Share in Freedom" 1968 Savings Bond drive; Overland Models Northern Pacific Railway cupola steel cabooses 1050-1099; Walthers four and twelve pack ore cars lettered for Northern Pacific Railway, 61' chip cars 58650-582749 series; W&R MOW car set, high walkway tank cars, truss rod box cars, MOW Decals, Brill Gas- Electric, Milkado	Column	16	4	29	1	NPRHA
From the Editor	Crow, Clint C.	Mainstreeter	1997	Article requesting the members contribute more articles, photos and other materials for Mainstreeter articles.	Column	16	4	30	1	NPRHA
Z-8 5130 w/ Mainstreeter on Evaro Hill	Nixon, Ronald V.	Mainstreeter	1997	Inside back cover photo of Class Z-8 Northern Pacific 5130 leads WB Mainstreeter up Evaro Hill on 9-1954 ahead of F-unit road power, Keywords: Challenger, 4-6-6-4, steam	Photo	16	4	31	1	NPRHA
Floor plan of Glendive, Montana freight house	Northern Pacific Railway	Mainstreeter	1997	Back cover drawing showing floor plan of Glendive, Montana brick freight house, redrawn by Dennis Aust	Drawing	16	4	32	1	NPRHA
Time-tables: 1964	Kelly, John	Vintage Rails	1997	Segment of the regular time-tables column covers 1964 centennial observance of Northern Pacific. 2 illustrations. Robert McFarlane quoted.	Table		7	36	<1	Pentrex, Pasadena
Thunder Returns to Stampede Pass, The	Kelly, Bruce	Trains	1997	Report on reopening of Stampede pass line, with construction and operating history, closing and reopening. Map, profile, 3 Northern Pacific pictures. Keyword: Stampede Pass, Lester, Easton,	Article	57	Nov	40	12	Kalmbach, Milwaukee, WI
Stampede Pass: A Railroader's View	Sawyer, Michael D.	Trains	1997	Anecdotal items of train crewman working Stampede Pass line. Keywords: Stampede Pass, Auburn, Cle Elum, Easton	Article	57	Nov	104	2	Kalmbach, Milwaukee, WI
Sherlock Holmes and the Red Menace	Millett, Larry		1998	Mystery novel set along the Skally line. Holmes is hired by James J Hill to investigate a blackmail threat, which leads to the Hinckley fire. Keywords: St Paul & Duluth, Skally, Hinckley.	Book				300+	Penguin
NP 740 and 3-car train at Seattle's Railroad Street depot in 1898	Smith, J. R.	Mainstreeter	1998	Front cover photograph of Northern Pacific 740 and 3-car train at Northern Pacific Railway's Seattle depot on Railroad Street circa 1898, blind-end baggage car, Tacoma Flyer. 4-4-0, American standard, Class C-3, former Class C-2, former Northern Pacific 366, Baldwin	Photo	17	1	1	1	NPRHA
14 July 1873 telegram proclaiming terminus at Tacoma	Rice, R.D., Ainsworth, J. C.	Mainstreeter	1998	Photograph of famous telegram that informed Arthur Denny that the terminus would be built in Tacoma, July 14, 1873	Photo	17	1	1	1	NPRHA

Circa-1900 view of Seattle's railroad facilities, taken from Beacon Hill	Not identified	Mainstreeter	1998	Inside front cover view of Seattle railroad facilities circa 1900, taken from Beacon Hill, showing "Puget Sound Shore Railroad"/Northern Pacific Railroad depot, and "Columbia & Puget Sound Railroad" right-of-way	Photo	17	1	2	1	NPRHA
From the President	Hill, James	Mainstreeter	1998	President's column; raffle results from convention, change of NPRHA organization	Column	17	1	4	1	NPRHA
The Orphan Road, Part 1: The Northern Pacific comes to Seattle	Armbruster, Kurt E.	Mainstreeter	1998	Story of the initial selection of the Puget Sound terminus in Tacoma WA, with subsequent struggle by Seattle WA to gain a rail connection to Tacoma. Puget Sound Shore Railroad; Columbia and Puget Sound Railroad; Seattle and Walla Walla Railroad; Henry Villard; Charles Wright; Oregon Railway and Navigation Company; "C&PS"; "PSS"; "OR&N"; Yeslerville; Duwamps Alki; Cascade Division; Orphan Road; Northern Pacific and Puget Sound Shore Railroad; "NP&PSS"	Article	17	1	5	6	NPRHA
The Orphan Road, Part 2: Chase the Cows Away	Armbruster, Kurt E.	Mainstreeter	1998	Struggles to establish regular service on the line between Seattle and Tacoma, assimilation of the Puget Sound Shore Line by the Northern Pacific Railroad.	Article	17	1	11	5	NPRHA
Plan of Sand House and Sand Shed	Northern Pacific Railway; redrawn by Aust, Dennis	Mainstreeter	1998	Centerfold Plan for Sand House and Sand Shed to be used at Paradise, Montana and Sand Point ID, dated June 20, 1908	Drawing	17	1	16	2	NPRHA
The Northern Pacific's Mainstreeter, Part 2: A 'Strange and Curious' Decade	Armbruster, Kurt E.	Mainstreeter	1998	Operation of the Mainstreeter during the 1960s, decline of passenger service, decline of dining car service, loss of railway postal service, hearings to discontinue the Mainstreeter, retention until Amtrak, 1970 timetable for North Coast Limited and Mainstreeter. Gray's Harbor; Cascadian; Olympian Hiawatha; Empire Builder; Western Star; Portland Rose; Cascade; McFarlane; Menk; Lorentzen	Article	17	1	18	7	NPRHA
Over The Line	Russell, James	Mainstreeter	1998	Report on the newly opened Washington State History Museum and the model railroad exhibit being built by the Puget Sound Model Railroad Engineers. PSMRE, Tacoma WA	Column	17	1	25	2	NPRHA
While Waiting in the Hole	Christensen, Jack	Mainstreeter	1998	Memories of firing on the Tacoma Division in 1944, run from Auburn to Lester with poor coal on Northern Pacific 1830,	Column	17	1	26	2	NPRHA
Tracking the NP	Lustig, Michael	Mainstreeter	1998	Formation of an informal group of people who own Northern Pacific Railway cabooses; demise of Drummond, Montana water tower; BN sale of tracks from Centralia WA to Hoquiam WA and Shelton WA to the Puget Sound Pacific Railroad, retention of tracks from Shelton WA to Bangor WA by US Navy, tracks from Hinckley MN to North Branch MN sold to St. Croix Valley Railroad, attempts to save tracks from Linton ND to Hazelton ND; ex-NP S-4 switcher being donated to Gopher State Railway Museum; Northern Pacific 66114 flat car seen in service at Northtown MN; BNSF snowplow BN 972542 returned to BNSF by MRL; MRL remodeling two ex-NP coaches, Northern Pacific 552 and Northern Pacific 553; September 21, 1997 Amtrak detour over ex-NP tracks from Staples to St. Paul because of a derailment	Column	17	1	27	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1998	N Scale: Deluxe Innovations Gunderson wood chip car in NP; GHQ W-3 and Z-8 (conversion kits?); Micro-Trains 40-ft box with plug/slider doors in NP; Microscale decals for MOW equipment and truss-rod box cars; Railway Express Miniatures offer pewter speeders, burro crane and a Pyke utility crane, not painted.	Column	17	1	28	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1998	HO Scale: Athearn F7A and F7B in Northern Pacific freight scheme; Branchline Trains 50-ft AAR box with Youngstown doors, 4-3-1 improved dreadnaught ends, in NP; Challenger Imports pending arrival of 10-car North Coast Limited by Samhongs; Don Halffield cecal set for Northern Pacific TOFC; Life-Like Phase 3 GP-9 in NP; Lonestar truck trailers similar to Northern Pacific Transport; Microscale decals for Northern Pacific MOW equipment and truss rod box cars; Tomar working train order semaphore like the one at Sumner WA; Walthers ore dock and ore car sets	Column	17	1	28	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1998	O Scale: Microscale decals for 40-ft truss rod box cars	Column	17	1	28	2	NPRHA
Plan of Sand House and Sand Shed	Northern Pacific Railway; redrawn by Dennis Aust	Mainstreeter	1998	Plan for sand house and sand shed to be used at Paradise, Montana and Sand Point ID, dated June 20, 1908	Drawing	17	1	31	1	NPRHA

Mainstreeter westbound west of Livingston	Meyer, Bruce R.	Mainstreeter	1998	Back cover photo of Mainstreeter, Train 1, west of Livingston, Montana on September 21, 1964, with Northern Pacific 6508C, Northern Pacific 6700B and probably Northern Pacific 6700C	Photo	17	1	32	1	NPRHA
Decapod NP 501 On Stampede Switchback Line	Christensen, Jack	Mainstreeter	1998	Front Cover painting by Jack Christensen, showing decapod Class M 2-10-0 Northern Pacific 501 making its way up the Stampede Pass switchback line, east of Switch 2 in 1887.	Painting	17	2	1	1	NPRHA
North Coast Limited picking up train orders at Auburn	Emmons, Gary	Mainstreeter	1998	Inside front cover photo of Engineer Hank Gupton picking up train orders from top hoop at Auburn WA depot in May 1968. North Coast Limited, Train 26	photo	17	2	2	1	NPRHA
From The President	Hill, James	Mainstreeter	1998	First color cover for Mainstreeter, pending modeler's issue edited by Clint Crow, pending Tacoma convention, Warren McGee collection	Column	17	2	4	1	NPRHA
The Stampede Pass Switchbacks	Schneider, Allan	Mainstreeter	1998	History of design, construction and operations of the Stampede Pass switchbacks, including Class M decapods, numerous photos, tables of grades, curvature, and costs, early sketch map, numerous references. Tunnel, Kennedy, Bennett	Article	17	2	5	14	NPRHA
Tacoma Yard map	Northern Pacific Railway	Mainstreeter	1998	Centerfold drawing of Tacoma yard at Head of Bay, from D Street roundhouse to middle of yard, showing locomotive facilities, dated July 22, 1953.	Drawing	17	2	16	2	NPRHA
Stampede Switchback Tour	Tarbox, Gary L.	Mainstreeter	1998	Article recounting trip by NPRHA members to Stampede Pass in 1997 to locate the switchbacks, with route guide, frequent reference to modern and historic photographs, particularly in Allan Schneider's article,	Article	17	2	21	6	NPRHA
Tracking the NP	Lustig, Michael	Mainstreeter	1998	NP equipment sightings, including woodchip car Northern Pacific 119952, caboose Northern Pacific 1030, diner Northern Pacific 459, old wooden dinner at Glendive; photos of remaining depots at Circle, Montana, Brockway, Montana, Bozeman, Montana, Dilworth MN, discussion of depots at Fargo ND, New Salem ND, Almont ND.	Column	17	2	27	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1998	N Scale – DeLuxe Innovations has Gunderson woodchip car is 119700-119849 series; GHQ will be making conversion kits for W-3 and Z-8 locomotives; Life-Like has SW-9/SW-1200 switcher; Micro-Trains has 40-ft plug/slider box car with Northern Pacific scheme; Shoreham Shops has slumbercoach model	Column	17	2	28	3	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1998	HO Scale – Accurail has 50-foot box car pending, and Northern Pacific wood reefers; Atlas has a train set with a PS-2 box in NP; Branchline Trains has 50-ft AAR box in NP; Challenger Imports will be producing 1955 North Coast Limited sets; E&C Shops has GP-9 phase 2 and phase 3 diesels; Funaro & Camerlengo has an Northern Pacific 36-ft double sheath box with radial roof; Intermountain has 40-foot 1937 AAR box car; International Hobby Corp has introduced a 2-6-0 painted in NP; Key Imports announces pending W-3 and W-5 mikados; Mantua has a 41-foot steel reefer in NP; Stewart Hobbies has a VO-1000 pending; Rick Shonfelder has limited number of pig palace decals available; Walthers has ore cars available in 4-pack and 12-pack, giving 16 Northern Pacific numbers; W&R announce some delays.	Column	17	2	28	3	NPRHA
The NP Welcomes You	Wheeler, Olin D.	Mainstreeter	1998	Reprint of article about Tacoma printed in 1893 booklet "Six Thousand Miles Through Wonderland" published by the Northern Pacific Railroad	Article	17	2	30	1	NPRHA
Valuation Department, Stampede Tunnel, Switch Back Line	Northern Pacific Railway	Mainstreeter	1998	Inside back cover Valuation Profile showing the Stampede Tunnel and switchbacks, redrawn by Dennis Aust. Profile, grades, Stampede Pass	Drawing	17	2	31	1	NPRHA
Northern Pacific Railroad; Stampede Pass, Washington; Switchback Line 1887	Mattson, James C.	Mainstreeter	1998	Back cover color map of Stampede Pass switchbacks and tunnel superimposed on USGS topographic map. Stampede Tunnel. Martin WA, Stampede WA, Stampede Pass WA, Sunday Creek, Lizard Lake, Mosquito Creek	Drawing	17	2	32	1	NPRHA
NP 165 with pilot snowplow on Tacoma turntable	Smith, J. R.	Mainstreeter	1998	Front cover photo of Northern Pacific 165 on turntable at Tacoma roundhouse circa 1900, right front quarter view, showing low pressure cylinder of cross-compound locomotive, Class S, ten-wheeler, 4-6-0	Photo	17	3	1	1	NPRHA

Tonnage Ratings – Freight Engines	Northern Pacific Railway	Mainstreeter	1998	Inside front cover table of tonnage ratings for freight locomotives extracted from 1909 Pacific Division time table, with ratings for Class W, Class Y-2, Class F-1, Class S, Class E-4, Class C-6, Class P, notes on ratings for Class E-3, Class D-3, for cars of 30-tons each. Mikado, consolidation, ten-wheeler, American Standard, mogul.	Table	17	3	2	1	NPRHA
From the President	Hill, James	Mainstreeter	1998	President's column with notes on pending changes in NPRHA organization, donation to NPRHA from N-Scale Collector's Association	Column	17	3	4	1	NPRHA
Cross-Compound Class S 10-Wheelers	Soule, Charles H.	Mainstreeter	1998	History of Class S Ten-wheeler 4-6-0 locomotives with background of class, characteristics, tonnage ratings, and service history; with roster and dispositions, table of characteristics, 7 photos showing both sides of cross-compound cylinder arrangement. Schenectady, superheater	Article	17	3	5	6	NPRHA
Building the New Salem Cutoff	Masters, Jerry R.	Mainstreeter	1998	History of the New Salem-Kurtz cutoff constructed in North Dakota in 1947, with map, profile and photos	Article	17	3	11	5	NPRHA
Diagram of Ten Wheel Compound - Class S	Northern Pacific Railway	Mainstreeter	1998	Centerfold equipment diagram of ten-wheeler 4-6-0 compound Class S locomotive, dated April 4, 1899, redrafted by Lorenz P. Schrenk. Schenectady	Drawing	17	3	16	2	NPRHA
Tacoma Division, 1943: Union Station was a busy place	Fredrickson, James M.	Mainstreeter	1998	Description of jobs and persons filling them at Tacoma Union Station in 1943.	Article	17	3	18	2	NPRHA
While Waiting in the Hole	Kuebler, William R., Jr.	Mainstreeter	1998	Bill Kuebler recounts his first midnight ride on the North Coast Limited from Fargo ND to Mandan ND in May 1966 (part 1, from Fargo to Peak ND).	Column	17	3	20	5	NPRHA
Over The Line	Russell, James	Mainstreeter	1998	Travelogue of trip from Wallace ID to Livingston, Montana with comments regarding Gold Creek, Montana, Highway 12 from Garrison, Montana to Helena, Montana with detour over Mullan Pass. Blossburg, Montana, Winston, Montana, Townsend, Montana, Bozeman, Livingston, Montana depot and Depot Café, museum, Livingston Rebuild Center, Montana Rail Link, Park County Museum.	Column	17	3	24	4	NPRHA
Tracking the NP	Lustig, Michael	Mainstreeter	1998	Notes on semaphores recently removed by Montana Rail Link, BNSF grain train derailment on March 23, 1998 at Waco, Montana siding, ex-Northern Pacific Transport trailer in Renton WA, fire destroys Whitehall, Montana depot on March 24, 1998, Camas Prairie Railroad sold to North American Rail Net (NARN), Northern Pacific Railway boarding house at Miles City, Montana, Missoula depot purchased by Montana Rail Link, recent photo of New Salem ND depot relocated in city park.	Column	17	3	27	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1998	HO Scale: Accurail will release a 50-ft boxcar similar to N 1100-1289; Atlas has a specific Northern Pacific car that is only available in a train set; Bachmann SD-45 in three Northern Pacific Railway numbers; Bowser ACF 70-ton two-bay covered hopper similar to Northern Pacific 76500-76529 and Northern Pacific 76543-76642; Branchline Trains 50-foot AAR box car in Northern Pacific colors; CBT Shops 40-foot AAR box car in two Northern Pacific Railway schemes; Challenger North Coast Limited and F3A/F3B diesel sets due in 1998; Chooch loads for Walthers 61-foot wood chip cars; "E&C" Shops GP-9 pending in phase 2 and phase 3; Funaro & Camerlengo has an Northern Pacific 36-ft double sheath box with radial roof; Intermountain has R-40-23 reefer lettered for Northern Pacific Railway, Diesels due soon for F2, F3 (four phases), F7 (two phases) and F9 with a B unit to follow, 1937 AAR 40-foot box car offered in 12 Northern Pacific Railway numbers; International Hobby Corp 2-6-0 in Northern Pacific Railway lettering (not Northern Pacific prototype); Key W-3 and W-5 mikados coming; Life-Like will release Pullman-Standard PS2-CD high side covered hopper in 6 Northern Pacific numbers; Mantua 41-foot reefer with accurate Northern Pacific Railway scheme, but not Northern Pacific prototype; Moloco cupola to convert a "wide-vision" caboose into a series 1100-1149 caboose; Stewart FT A and B units in Northern Pacific Railway, Baldwin VO-1000 pending; Walthers ore cars in 4-pack and 12-pack with Northern Pacific lettering.	Column	17	3	28	2	NPRHA

Modeling News	Nichols, Jeff	Mainstreeter	1998	S Scale: American Models AAR 4-bay covered hopper in proper Northern Pacific paint scheme	Column	17	3	28	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1998	O Scale: Intermountain 1937 AAR 40-foot double-door boxcar in four numbers	Column	17	3	28	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1998	Videotapes: Sunday River Productions "The North Coast Limited Crossing Stampede Pass	Column	17	3	28	2	NPRHA
Tacoma –Before Union Station		Mainstreeter	1998	Inside back cover, two photos of Tacoma WA depot between 1892 and 1908, incorporating relocated Villard depot of 1880s and trainshed adapted from former car shop building	Photo	17	3	31	1	NPRHA
NP 167 circa 1900 at Tacoma roundhouse	Smith, J. R.	Mainstreeter	1998	Back cover photo of Northern Pacific 167 Class S ten-wheeler 4-6-0 at Tacoma roundhouse circa 1900, showing left front quarter view	Photo	17	3	32	1	NPRHA
St. Cloud MN interlocking tower	Northern Pacific Railway	Mainstreeter	1998	Front cover photo of St. Cloud MN interlocking tower at junction of Northern Pacific Railway double track main line and Great Northern Railway Hinckley Branch. "American" type interlocking machine	Photo	17	4	1	1	NPRHA
Photos of NPRHA Tacoma convention	Crow, Clint C.	Mainstreeter	1998	Inside front cover collage of six photographs taken during July 1998 NPRHA convention in Tacoma WA	Photo	17	4	2	1	NPRHA
From The President	Hill, James	Mainstreeter	1998	Feedback on the NPRHA convention in Tacoma, and comments on Mainstreeter issue with modeling focus	Column	17	4	4	1	NPRHA
Northern Pacific Railway Standard Plan of Interlocking Towers – Part 1	Crow, Clint C.	Mainstreeter	1998	Brief history of development of standard plans for interlocking plants, including plans of 1906 and 1910, with examples for Mississippi Street tower and the St. Cloud tower, with exterior and interior photographs.	Article	17	4	5	6	NPRHA
Standard Plan, 32 Levers, Interlocking Tower, Foundation Plan	Northern Pacific Railway	Mainstreeter	1998	Foundation plan for 32 lever interlocking tower, drawing S-50-1 dated November 13, 1906, redrawn by Clint Crow	Drawing	17	4	11	1	NPRHA
Standard Plan, 32 Levers, Interlocking Tower, End Elevation	Northern Pacific Railway	Mainstreeter	1998	End elevation plan for 32 lever interlocking tower, drawing S-50-1 dated November 13, 1906, redrawn by Clint Crow	Drawing	17	4	12	1	NPRHA
Standard Plan, 32 Levers, Interlocking Tower, Side Elevation	Northern Pacific Railway	Mainstreeter	1998	Side elevation for 32 lever interlocking tower, drawing S-50-1 dated November 13, 1906, redrawn by Clint Crow	Drawing	17	4	13	1	NPRHA
Standard Plan, 32 Levers, Interlocking Tower, Cross Section	Northern Pacific Railway	Mainstreeter	1998	Cross section for 32 lever interlocking tower, drawing S-50-1 dated November 13, 1906, redrawn by Clint Crow	Drawing	17	4	14	1	NPRHA
Standard Plan, 32 Levers, Interlocking Tower, Longitudinal Section	Northern Pacific Railway	Mainstreeter	1998	Longitudinal section for 32 lever interlocking tower, drawing S-50-1 dated November 13, 1906, redrawn by Clint Crow	Drawing	17	4	15	1	NPRHA
Standard Plan, 32 Levers, Interlocking Tower, Details and General Plans	Northern Pacific Railway	Mainstreeter	1998	Centerfold drawing of details and general plans for 32 lever interlocking tower, drawing S-50-2 dated November 13, 1906, redrawn by Clint Crow	Drawing	17	4	16	2	NPRHA
Standard Plan, 32 Levers, Interlocking Tower, 2nd Floor Plan	Northern Pacific Railway	Mainstreeter	1998	Second floor plan for 32 lever interlocking tower, drawing S-50-1 dated November 13, 1906, redrawn by Clint Crow	Drawing	17	4	18	1	NPRHA
Modeling the Mississippi Street Tower	Crow, Clint C.	Mainstreeter	1998	A modeling approach for the Mississippi Street Tower, or any brick structure, using hydrocal plaster. St Paul MN	Article	17	4	19	4	NPRHA
Modeling Northern Pacific's Last FTs	Nichols, Jeff	Mainstreeter	1998	Modeling Northern Pacific Railway FT diesels using the HO Scale Stewart kit with parts list.	Article	17	4	23	4	NPRHA

Modeling News	Nichols, Jeff	Mainstreeter	1998	HO Scale: Accurail 50 foot AAR riveted boxcar close to Northern Pacific 1100-1289 in Northern Pacific paint; Branchlines 50 foot boxcar in "Savings Bonds" paint scheme; "CB&T" Shops AAR 40 foot boxcar in two Northern Pacific paint schemes; Challenger will release F3A/B diesels to match previous North Coast Limited cars; "E&C" Shops has no further news on GP-9 diesels; Intermountain Railway F units should be out, along with AAR 40 foot boxcar in Northern Pacific scheme with 12 numbers; Key Imports W-3 and W-5 mikados pending; Life-Like PS-2 covered hoppers to match Northern Pacific 76700-76999; Mantua may have a W-3 or W-5 model; Stewart Hobbies FTs are now available, and VO-1000 promised; Walther's is making a crane that is very similar to Northern Pacific 29 pile driver.	Column	17	4	27	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1998	S Scale: American Models hopper cars in Northern Pacific Railway scheme but not necessarily a Northern Pacific Railway prototype; Pacific Rail Hobbies reefers in Northern Pacific Railway paint scheme; Raisin River USRA hopper is close to early Northern Pacific Railway hoppers.	Column	17	4	27	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1998	O Scale: Atlas SW-9 undecorated	Column	17	4	27	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1998	Modeling contest results from the Tacoma convention	Column	17	4	27	1	NPRHA
1998 NPRHA Tacoma Convention Model Contest	Crow, Clint C.	Mainstreeter	1998	Photographs of model contest winners from 1998 NPRHA convention in Tacoma WA	Photo	17	4	28	2	NPRHA
Tracking the NP	Lustig, Michael	Mainstreeter	1998	Description of 1998 open house by Mike Gelhaus in Spokane WA showing his North Coast Limited cars, including dome-coaches 549 and 557, dome-sleepers 309 and 313, and Traveler's Rest 496; F9A Northern Pacific 6703A is at Spokane WA fairgrounds; Superintendent car Northern Pacific 1997 "Rosebud" from the 1870s still exists as a hunting lodge at an undisclosed location in North Dakota; Northern Pacific Railway bridge that still exists over the South Fork of the Snoqualmie River at North Bend WA was originally a main line bridge across the Yellowstone River, built 1891 and moved to North Bend in 1924; BNSF plans to raise train speed limit in Cle Elum; Citizens planning to buy the Prairie Line between Yelm and Roy; BNSF employee appreciation special planned in 1999 on ex-Northern Pacific tracks in Minnesota, North Dakota and eastern Montana using Milwaukee 261.		17	4	30	1	NPRHA
Inside mechanism of a semaphore signal base	Northern Pacific Railway	Mainstreeter	1998	Back cover photo of semaphore signal base with the cover plate removed to show the operating mechanism	Photo	17	4	32	1	NPRHA
Sierra Railway Second # 2 (ex NP 929)	Caviglia, Gary	Narrow Gauge and Short Line Gazette	1998	Left and right hand side drawings of Northern Pacific 929 Class L-3 0-6-0 switch engine as Sierra Railway second #2, former Montana Union No. 109, New York Locomotive Works Constr. #506 of 1889, sold Sierra Railway 1916, sold Lassen Lumber & Box Co 1918 as #23, then Red River Lumber Co, scrapped 1940.	Drawing	1998	Jan/Feb	70	2	Benchmark Publications, Ltd.
Northern Pacific 4-6-6-4 pulling freight train	McGee, Warren R.	Mainstreeter	1999	Front cover photograph of Northern Pacific 5126 Class Z-7 4-6-6-4 pulling 125 car freight train at Lombard, Montana on July 28, 1947. Challenger	Photo	18	1	1	1	NPRHA
From the President	Hill, James	Mainstreeter	1999	Notes on membership growth and memorial tribute to NPRHA original member Harry Myers	Column	18	1	2	1	NPRHA
From A to Z with Warren McGee	Phillips, John A. III	Mainstreeter	1999	Collection of biographical vignettes of Conductor Warren McGee. Portrait, 6 pictures. Keywords: Laurel, Montana, Billings, Montana, Livingston, Montana, train service, Boulder Branch, Anceny, Montana, Butte, Montana, Gardiner, Montana, Rapelje, Montana, Red Bluff, Montana, Red Water Branch, Pony, Montana, Norris, Montana, Alder, Montana, Wilsall, Montana, Lombard, Montana, caboose, Colstrip, Montana, coal, Glendive, Montana, Helena, Montana, ditchers, Unions, Circle, Montana, Jack Wolverton, Ronald Nixon.	Article	18	1	4	26	NPRHA

Tracking the NP	Lustig, Michael	Mainstreeter	1999	Comments of former Kanaskat WA depot, BNSF funding for highway overpass across tracks in Yakima, Auburn and Kent issues with Surface Transportation Board and BNSF regarding impacts from reopening of Stampede Pass line, Wood Chip Car sitings, Northern Pacific Railway caboose at Dunsmuir CA painted in Southern Pacific colors, Northern Pacific Railway snow plows, Northern Pacific Railway box cars, mileposts, ex-Northern Pacific Railway lines in North Dakota, BNSF employee appreciation special pulled by ex-Milwaukee No. 261 across portions of ex-Northern Pacific routes in MN, ND and, Montana.	Column	18	1	29	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1999	HO Scale: Accurail bilevel and trilevel kits for 89-foot flat car; Arizona Rock and Mineral has Northern Pacific Railway ballast in medium gray granite; Athearn improved F-unit shells pending; Branchline Trains 50-foot box cars in "savings bond" scheme; C&BT Shops AAR 40-foot box car with flat roof, 4/4 ends, 6-foot door and 10-panel sides in arched letter and Mainstreet of the Northwest schemes; E-R Model Importers FP-7 but not in Northern Pacific; Funaro & Camerlengo 36-foot DS boxcar series NP17000-17999, 40-foot DS steel center sill box car series 31000-31999; Intermountain F units still pending; Jonan Models 41-foot skeleton log flat cars; Key Imports pending W-3 and W-5 mikados; Life-Like PS-2 high side covered hopper Northern Pacific 76700-76999; Mantua mikado; Sheepscot pile driver to fit Walthers 25-ton brownhoist crane; Stewart VO-1000 pending; Walthers crane very similar to Northern Pacific 29 pile driver.	Column	18	1	31	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1999	O Scale: Intermountain 40-foot double door boxcar, USRA hopper; Lionel box car in "savings bond" scheme.	Column	18	1	31	1	NPRHA
NP 6010 East near Lombard, Montana	McGee, Warren R.	Mainstreeter	1999	Back cover photo of Northern Pacific 6010 pulling Second 902 at Milepost 187 near Lombard, Montana on July 28, 1947. FT diesel locomotive	Photo	18	1	32	1	NPRHA
Interview with Al Langley, NP Engineer	Riegger, Hal	Vintage Rails	1999	Oral history interview with a Rocky Mountain Division locomotive engineer on mechanical conditions, pusher service, politics, getting fired, and regulatory agencies. Illustrated with 10 Ronald V. Nixon photos. Keywords: Livingston, Laurel, Red Lodge, engine service.	Article		16	80	7	Pentrex, Pasadena
Mainstreeter at Mississippi Street in St Paul	Elliott, Joe	Vintage Rails	1999	Post 1967 Mainstreeter at Mississippi Street St Paul with A-B F's. Key Word: Mainstreeter, St. Paul.	Photo		19	58	2	Pentrex, Pasadena
New 50-foot uninsulated boxcar on Pasco hump yard	Not identified	Mainstreeter	1999	Front cover photo of Northern Pacific 50-foot box car at Pasco WA hump yard in 1959.	Photo	18	2	1	1	NPRHA
From the President	Hill, James	Mainstreeter	1999	NPRHA news, including change in dues proration, sustaining membership, St. Paul convention plans.	Column	18	2	2	3	NPRHA
Research at the Minnesota History Center	Hobbs, Paul	Mainstreeter	1999	Description of research capabilities at the Minnesota Historical Society's research center in St. Paul MN.		18	2	4	2	NPRHA
New Breed of Boxcars, Built in Brainerd, A	Hoff, Thomas C.	Mainstreeter	1999	Construction history of 50 foot boxcars on the Northern Pacific Railway, with emphasis on those built at Brainerd Shops, roster of 50-foot uninsulated box cars. Table, 4 pictures. Keywords: Boxcars, Brainerd, H. E. Bowie	Article	18	2	6	4	NPRHA
More on Electrical Interlocking Towers: Saint Cloud in the '60s and '70s, 1910 plans.	Crow, Clint C.	Mainstreeter	1999	Comprehensive set of photos and drawings of interlocking tower at Great Northern Railway-Northern Pacific Railway crossing at St Cloud MN, drawings, 13 pictures, drawings. Keywords: Interlocking, St. Cloud MN	Article	18	2	10	11	NPRHA
Standard Plan of Interlocking Tower for 32 Lever Electric Machine	Northern Pacific Railway	Mainstreeter	1999	Drawing of Standard Plan of Interlocking Tower for 32 Lever Electric Machine, showing cross section, roof plan and end elevation, redrawn by Clint C. Crow, Sheet 31 and Sheet 34, dated July 1st 1910	Drawing	18	2	16	2	NPRHA
Standard Plan of Interlocking Tower, Longitudinal Section	Northern Pacific Railway	Mainstreeter	1999	Drawing of longitudinal section for Standard Plan of Interlocking Tower, redrawn by Clint C. Crow, Sheet 32.	Drawing	18	2	18	1	NPRHA
Standard Plan of Interlocking Tower, Side Elevation	Northern Pacific Railway	Mainstreeter	1999	Drawing of side elevation for Standard Plan of Interlocking Tower, redrawn by Clint C. Crow, Sheet 33.	Drawing	18	2	19	1	NPRHA
Standard Plan of Interlocking Tower, Floor Plans	Northern Pacific Railway	Mainstreeter	1999	Drawing of floor plans for Standard Plan of Interlocking Tower, redrawn by Clint C. Crow, Sheet 30.	Drawing	18	2	20	1	NPRHA
Operating Breck Tower	Salomonsen, Vern	Mainstreeter	1999	First person account of tower duties at Breck Tower near Breckenridge MN, Great Northern Railway, Oakes branch, Train 111, Train 112, Train 746, Train 754, Train 605, Detroit Lakes MN, interlocking,	Article	18	2	21	5	NPRHA

While Waiting in the Hole	Kuebler, William R., Jr.	Mainstreeter	1999	Part 2 of an account of a cab ride on Train 25 in 1966. Keywords: North Coast Limited, engine service, Fargo Division,	Column	18	2	26	4	NPRHA
NCL Derailment Mystery Solved	Kuebler, William R., Jr.	Mainstreeter	1999	Consist of Train 26 involved in wreck at Glendive, Montana in 1962. Keywords: North Coast Limited, wreck	Column	18	2	29	1	NPRHA
Tracking the NP	Lustig, Michael	Mainstreeter	1999	Appeal to locate armchairs from Traveler's Rest cars, news items on abandonment of former Northern Pacific branches in Manitoba, and Wilton Branch in North Dakota (Red Rive Valley & Western), BNSF land sales of charter lands, link and pin drawbar found at Clark Fork ID, Yakima Valley Rail and Steam Museum, Roslyn WA branch now a trail..	Column	18	2	29	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1999	HO Scale: Same as issue 19-1 plus: American Model Builder's Class A Standard Plan depot of 1890; Donald R. Halffield Sr. decal sets for Northern Pacific 53- ft 6-in flat car for piggybacks, and 40 ft reefer; Life-Like 53-ft 6-in flat in Northern Pacific 62000-62299 series, renumbered later to NP62500-62599 series, W&R taking reservations for truss rod passenger cars.	Column	18	2	31	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1999	O Scale: Lionel box car in "savings bond" scheme.	Column	18	2	31	1	NPRHA
NP freight train passing St. Cloud	Cornwell, William	Mainstreeter	1999	Rear cover photo of Northern Pacific freight train passing the St Cloud MN interlocking tower in 1970	Photo	18	2	32	1	NPRHA
18th Avenue Southeast interlocking tower in Minneapolis MN	Hepper, David	Mainstreeter	1999	Front cover photo of 18th Avenue Southeast interlocking tower in Minneapolis MN, fall 1979	Photo	18	3	1	1	NPRHA
From the President	Hill, James	Mainstreeter	1999	Memorial for Tom Hoff	Column	18	3	2	1	NPRHA
North from St. Paul: The Skally	Schrenk, Lorenz P.	Mainstreeter	1999	Business and operational and area history of the Skally Line from the Twin Cities to Duluth. Map, 19 pictures. Keywords: Lake Superior & Mississippi, Skally, St. Paul & Duluth, Lake Superior Division, Duluth, Rice's Point, Atlantics, St. Paul, Superior, Duluth Short Line, Hinckley, Great Hinckley Fire, Skunk Lake, Moose Lake, Cloquet, train 61, train 62, train 63, train 64, train 65, train 66.	Article	18	3	4	17	NPRHA
Standard Plan of 16 – 24 lever Interlocking Tower	Northern Pacific Railway	Mainstreeter	1999	Centerfold drawing of Standard Plan of 16 – 24 lever Interlocking Tower, also labeled 18th Ave SE Minneapolis MN, showing end elevation , roof plan, 1st floor and 2nd floor plans, register frame, table of dimensions, dated July 1, 1910, based on Sheet 29, redrawn by Clint C. Crow	Drawing	18	3	16	2	NPRHA
16-24 Lever Mechanical Machine Interlocking Towers	Crow, Clint C.	Mainstreeter	1999	Photo feature with emphasis on 18th Avenue SE, Minneapolis. 9 pix, Map, drawings, 1925 operating contract. Keywords: Interlocking, Minneapolis,	Article	18	3	23	11	NPRHA
Minneapolis, Minn.: NP-SMSTP&P Railroad Crossing at Grade. Near 18th Ave. SE	Chicago, Milwaukee and St. Paul Railway Company	Mainstreeter	1999	Agreement between Northern Pacific Railway and the Chicago, Milwaukee and St. Paul Railway for maintenance of a crossing at grade, near 18th Avenue SE in Minneapolis MN	Article	18	3	26	2	NPRHA
Standard Plan of 16 – 24 lever Interlocking Tower, Side Elevation	Northern Pacific Railway	Mainstreeter	1999	Side elevation of Standard Plan of 16 – 24 lever Interlocking Tower, also labeled 18th Ave SE Minneapolis MN, probably dated July 1, 1910, based on Sheet 28, redrawn by Clint C. Crow	Drawing	18	3	29	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1999	N Scale: GHC has conversion kits to turn Kato's 2-8-2 into a W-3; Atlas is releasing the RS-1 again, but not in NP; Brass Car Sides will do the Northern Pacific Mail-Dorm, Pullman 10-6 sleeper for pooled SP Cascade Service	Column	18	3	31	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1999	HO Scale: In addition to items mentioned in V18 No1 and V-18 No2: Athearn F7A and F7B in proper black freight scheme; Brass Car Sides will do the Northern Pacific Mail-Dorm, Pullman 10-6 sleeper for pooled SP Cascade Service	Column	18	3	31	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1999	S Scale: S Helper Service extended-vision caboose in Northern Pacific scheme	Column	18	3	31	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1999	O Scale: Atlas SW8/9 but not in NP; Lionel box car in "savings bond" scheme.	Column	18	3	31	1	NPRHA
Standard Plan of 16 – 24 lever Interlocking Tower, Longitudinal Section	Northern Pacific Railway	Mainstreeter	1999	Back cover drawing showing longitudinal section of Standard Plan of 16 – 24 lever Interlocking Tower, also labeled 18th Ave SE Minneapolis MN, probably dated July 1, 1910, based on Sheet 27, redrawn by Clint C. Crow	Drawing	18	3	32	1	NPRHA

Photo of St. Paul and Duluth No. 68 in a rock cut	Kellie, A.T.	Mainstreeter	1999	Front Cover photo of St. Paul and Duluth Locomotive No. 68 (later Northern Pacific 639) in rock cut on the Short Line between Duluth and Thomson. American Standard, 4-4-0, New York Locomotive Works	Photo	18	4	1	1	NPRHA
From the President	Hill, James, Beach, Phillip	Mainstreeter	1999	President's column; notes on St. Paul convention, new honorary life members Norm Snow and Duane Durr; changing of guard from James Hill to Phil Beach; solicitation of more sustaining memberships to support preservation of Northern Pacific archives in the possession of NPRHA.	Column	18	4	2	1	NPRHA
Tom Hoff, 1937-1999	Tarbox, Gary L.	Mainstreeter	1999	Obituary and career profile of Tom Hoff, Northern Pacific Railway and Burlington Northern official.	Article	18	4	4	1	NPRHA
North From St. Paul: The Skally, Part II	Schrenk, Lorenz P.	Mainstreeter	1999	Comprehensive route and facilities description of the Skally Line, South to north, with operating and topographic details; inventory of track and structures at each station. 13 pictures. Key words: Skally, "St Paul & Duluth", "Lake Superior & Mississippi", Lake Superior Division, Gloster MN, White Bear Lake MN, Hugo MN, Wyoming MN, North Branch MN, Forest Lake MN, Bald Eagle MN, Stacy MN, Rush City MN, Hinckley MN, Beroun MN, Finlayson MN, Willow River MN, Moose Lake MN, Barnum MN, Mahtowa MN, Carlton MN, West Duluth MN, Duluth MN, Superior WI, Thomson MN, Wrenshall MN, Stillwater MN, Taylors Falls MN, Grantsburg WI, Kettle River MN, Miller Quarry MN, Cloquet MN, Fond du Lac WI, West Superior WI.		18	4	5		NPRHA
1999 NPRHA Convention in St. Paul	Not identified	Mainstreeter	1999	Photographs of 1999 NPRHA convention in St Paul MN	Photo	18	4	24	2	NPRHA
While Waiting in the Hole	Kuebler, William R., Jr.	Mainstreeter	1999	Final installment of a trip on the North Coast Limited in 1966. Keywords: Fargo Division, Train 25, Train 26, Bismarck	Column	18	4	25	4	NPRHA
Tracking the NP	Lustig, Michael	Mainstreeter	1999	Iron Horse Central Museum in Chisago City MN has following Northern Pacific Railway equipment: superintendent's car NP1989 built before 1882, baggage coach Northern Pacific 800 built in 1891, caboose Northern Pacific 1666 built in 1907, Gronigen MN depot on display; Various Northern Pacific items – Lothrop, Montana section house ant Cocalalla ID water tank demolished,, Montana semaphore update, Amtrak has vacated Northern Pacific Railway depot in Pasco WA; City of Auburn vs. BNSF regarding Stampede Pass line improvements; Jack Christenson's last run and retirement; recent Northern Pacific Railway flat car and gondola sightings; Yakima Valley Rail and Steam Museum is in the Toppenish WA depot and freight house, and is restoring Northern Pacific 1364 Class S-4 ten-wheeler, and also has a wooden reefer and a 24-foot caboose	Column	18	4	28	3	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1999	N Scale: See items mentioned in V18 No3:	Column	18	4	31	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1999	HO Scale: In addition to items mentioned in V18 No1 No2 and No3: Atlas RS-1 back on market with Northern Pacific Railway paint; Life-Like Proto2000 GP7in Northern Pacific Railway paint; Red Caboose steel side drop bottom GS gondola in Northern Pacific Railway paint;	Column	18	4	31	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1999	S Scale: In addition to items mentioned in V18 No1 No 2and No3: S-Helper Service will produce SW9/SW1200 in Northern Pacific Railway paint	Column	18	4	31	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	1999	O Scale: In addition to items mentioned in V18 No1 No 2and No3: Intermountain R-40-10 reefer in Northern Pacific Railway paint; W&R Northern Pacific 1200, Northern Pacific 1600 and NP1700 cabooses pending.	Column	18	4	31	1	NPRHA
FP7 diesel NP 6601 at Duluth Union Station	Scribbins, James	Mainstreeter	1999	Back cover photo of FP7 diesel Northern Pacific 6601 at Duluth Union Station in August 1957	Photo	18	4	32	1	NPRHA
Sierra Railway 4, 6 and 7 (ex NP 4-4-0s)	Caviglia, Gary	Narrow Gauge and Short Line Gazette	1999	Left and right hand side drawings, plus cross sections of Baldwin "Old Standard" Class C-11 4-4-0, Northern Pacific 849 ex 93, Northern Pacific 852 ex 99, Northern Pacific 853 ex114 as Sierra Railway 4, 6 and 7 respectively.	Drawing	1999	Jan/Feb	7	2	Benchmark Publications, Ltd.
NP's S-4 4-6-0s	Sebastian-Coleman, George	Model Railroader	1999	Brief history of the class, 6 photos including early Vaclain compound cylinders, 2-page centerfold plans with class 10 E tender. Keywords Class S-4, 4-6-0, ten-wheeler, plans	Article		July	76	6	Kalmbach, Milwaukee, WI

NP 2654 on Valley City high bridge	Westcott, Linn H.	Classic Trains	2000	Color double page spread of Northern Pacific 2654 with westbound drag on Valley City high bridge. Keywords: A-2, Valley City, Northern, 4-8-4.	Photo	1	1	66	2	Kalmbach, Milwaukee, WI
NP 1372 Crossing U.S. Highway 10 Trestle at Issaquah	Hill, Harold	Mainstreeter	2000	Front cover photo of Northern Pacific 1372 crossing U.S. Highway 10 trestle at Issaquah WA on 12-2-1956 pulling Casey Jones special, ten-wheeler, 4-6-0, Class S-4	Photo	19	1	1	1	NPRHA
From the President	Beach, Phillip F.	Mainstreeter	2000	President's column promoting Helena convention, soliciting an official NPRHA website, and inquiring about stations in Pullman WA	Column	19	1	2	1	NPRHA
From the Tell Tale	Northern Pacific Railway	Mainstreeter	2000	Excerpt from Tell Tale, Vo. XX, No. 4 describing the 12-2-1956 Casey Jones excursion to North Bend, and how public response amazed Northern Pacific Railway officials. Safety and Fire Prevention Department	Article	19	1	2	1	NPRHA
Seattle's Casey Jones excursions	Armbruster, Kurt E.	Mainstreeter	2000	History of the Seattle-based Casey Jones excursions run from 1956 to 1968, Carol Cornish, Robert MacFarlane, Northern Pacific 1372, Northern Pacific 2626, Northern Pacific 1776, Northern Pacific 6005D, Northern Pacific 6710C, Northern Pacific 6507A	Article	19	1	4	12	NPRHA
Low Water on the Clark Fork River	Bursack, William	Mainstreeter	2000	Story of the wreck of Northern Pacific 5105, Class Z-6 in Hellgate Canyon east of Missoula, Montana on July 7, 1938, due to boiler explosion; events preceding the wreck, conditions at the site of the wreck, history and habits of Northern Pacific 5105, photos of wrecked locomotive at the site and enroute to shops, the investigation, maps of accident site. Challenger, 4-6-6-4.	Article	19	1	16	14	NPRHA
Tracking the NP	Lustig, Michael	Mainstreeter	2000	Pullman sleeper "Chicago" built for 1948 North Coast Limited will possibly be acquired for display at a museum at the former Pullman factory in Chicago; Slumbercoach Loch Ness has been purchased from Amtrak by a private party; the Sandpoint ID depot is in danger of being torn down for a highway overpass; The Billings, Montana depot is recipient of a significant grant for preservation; equipment sightings include four ex-Northern Pacific box cars on the Washington Central at Warden WA	Column	19	1	29	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2000	N Scale: Life-Like SW9/SW1200s now available in Northern Pacific Railway paint.	Column	19	1	30	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2000	HO Scale: Accurail has a 40-foot PS-1 boxcar in Northern Pacific Railway red, bilevel and trilevel kits to fit 89-foot flat car should be available; Amarillo Railroad Museum is offering 40-foot ice bunker reefers in Northern Pacific 91250-91499 series; Athearn 50-foot double door auto box in Northern Pacific Railway paint although Northern Pacific did not have this style car, 50-foot flat car in Northern Pacific Railway paint although Northern Pacific did not have this style fishbelly flatcar, 50-foot express reefer pending and Northern Pacific had cars similar to this one; 40-foot double deck stock car in Northern Pacific Railway paint although Northern Pacific did not have this style car; Atlas RS-1 in Northern Pacific Railway paint; Life-Like GP7 in Northern Pacific Railway paint; Mantua steel reefer and Mikado in Northern Pacific schemes; Model Die Casting 50-foot express reefer in Northern Pacific Railway paint; Red Caboose GS drop-bottom steel-side gondola in Northern Pacific paint; Walthers Alco/Leslie rotary snow plow in Northern Pacific Railway paint.	Column	19	1	30	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2000	S Scale: S-Helper Service has SW9/SW1200s in Northern Pacific Railway paint.	Column	19	1	30	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2000	O Scale: Intermountain now has the R-40-10 steel-sided ice reefers available in six Northern Pacific Railway numbers; W&R 1200-, 1600-, and 1700-series cabooses may be available by now.	Column	19	1	30	2	NPRHA
Reprinted advertisement for Casey Jones excursion to Sumas on May 11, 1968	Cornish, Carol	Mainstreeter	2000	Back cover photograph of advertisement for Casey Jones excursion to Sumas WA on May 11, 1968	Photo	19	1	32	1	NPRHA
Final Fling for NP's Four Aces	Wing, Warren W.	Classic Trains	2000	First person report on Northern Pacific 2626 last run, 1957 fantrip to Cle Elum. Keywords: A-1, Timken, 4-8-4, Northern, Seattle, Cle Elum	Article	1	2	40	1	Kalmbach, Milwaukee, WI
Northern Pacific's Elusive FT's	Lustig, David	Classic Trains	2000	The Way It Was column vignette on chasing the last FT's. Keywords: Portland, Auburn, FT, Tacoma	Article	1	2	86	2	Kalmbach, Milwaukee, WI

NP 1776 pulls the Last of Steam excursion between Tacoma and South Tacoma	Fredrickson, James M.	Mainstreeter	2000	Front cover photo of Class W-3 Mikado Northern Pacific 1776 pulling the Last of Steam excursion up the Prairie Line between downtown Tacoma and South Tacoma on December 8, 1957. 2-8-2	Photo	19	2	1	1	NPRHA
Coach NP 606 as part of the Last of Steam excursion	Fredrickson, James M.	Mainstreeter	2000	Inside front cover photo of coach Northern Pacific 606 as part of the Last of Steam excursion on December 8, 1957	Photo	19	2	2	1	NPRHA
From the President	Beach, Phillip F.	Mainstreeter	2000	President's column promoting the Helena convention and coordination with GNRHS convention	Column	19	2	4	1	NPRHA
The Wreck of 5105, Part 2	Kuebler, William R., Jr.	Mainstreeter	2000	Article looking at the causes of the July 7, 1938 boiler explosion of Class Z-6 4-6-6-4 Northern Pacific 5105, including discussions of the feedwater heater, low water alarm, the crew, what is known about the trip, investigation, rebuilding the engine, and the cause according to the investigation and based on more recent interpretation, with several pictures of the locomotive in service, the wreck and the locality. Challenger	Article	19	2	5	13	NPRHA
A Casey Jones Postscript: the Last of Steam Excursion	Fredrickson, James M.	Mainstreeter	2000	Two photographs of the December 8, 1957 Last of Steam excursion showing Class W-3 Mikado Northern Pacific 1776 at South Tacoma and coach Northern Pacific 614 with painted signs on side for the excursion	Photo	19	2	16	2	NPRHA
Centerbeam Bulkhead Flatcars	Gillies, John	Mainstreeter	2000	Development of centerbeam bulkhead flatcars by Canadian National and Thrall Car Manufacturing Company with 5 prototype cars used by Northern Pacific in 1967. photos of original car being unloaded at Weyerhaeuser's Twin Cities Distribution Center	Article	19	2	19	4	NPRHA
Modeling Centerbeam Bulkhead Flatcars	Gillies, John	Mainstreeter	2000	Description of scratchbuilding a centerbeam bulkhead flatcar of Northern Pacific 67900-67904 series, with detail parts list and equipment diagram	Article	19	2	23	4	NPRHA
Diagram of 66'-0" Center Beam Car	Northern Pacific Railway	Mainstreeter	2000	Diagram 87-U of 66'-0" Center Beam flatcar, Northern Pacific 67900-67904 series, built 1967	Drawing	19	2	25	1	NPRHA
Waiting in the Hole	McVey, Kenneth E.	Mainstreeter	2000	Firing in 1941-42 between Spokane and Paradise, recounting a collision with loose phosphate cars on the passing siding in Sandpoint ID.	Column	19	2	26	3	NPRHA
Tracking the NP	Lustig, Michael	Mainstreeter	2000	Ellensburg WA depot receives state funding to prevent further deterioration; Garrison, Montana depot scheduled to be demolished by Montana Rail Link; Forsyth, Montana depot is now a private residence; Bozeman, Montana freight depot is being remodeled into a brew pub; Billings, Montana depot has received additional money for preservation; Northern Pacific reefer seen in Clackamas OR on an inactive storage track; Northern Pacific crossbuck with black and white barber stripes has been found in Trout Creek, Montana; memorial for Spokane engineer Al Bennett; Red River Valley and Western abandoned tracks 56 miles of track west of Bowden ND on the Turtle Lake line; Mike Gelhaus has acquired a Slumbercoach, Loch Ness.	Column	19	2	28	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2000	HO Scale: Accurail 40-foot PS-1 boxcar in Northern Pacific red with limited edition numbers, and USRA hopper lettered for Northern Pacific; Amarillo Railroad Museum 40-foot ice-bunker reefer with 5-ft diameter herald; Athearn 50-foot covered gondola in Northern Pacific, similar to 52ft 6in cars in Northern Pacific 57511-57530 series; Atlas RS-1 available in 2 numbers; Hi-Tech Details PS 40-foot Hi-Cube box car, exact for Northern Pacific 659994-659999 series; Life-Like Proto-1000 RDC-2 in two numbers, Proto-2000 GP-7 available in two numbers, PS2-CD high-side covered hopper in two numbers; Mantua offers steel reefer in Northern Pacific paint; Model Rectifier Corp offers F7A and F7B in two numbers; Northstar Railroad Models has released acrylic passenger car kits for streamlined water-baggage and dome coach, with more releases pending; Red Caboose GS drop-bottom gondola with steel sides in Northern Pacific paint; Stewart Hobbies announces F9A and F9B in Loewy green; Walthers Alco/Leslies rotary snow plow in Northern Pacific paint; W&R taking reservations for skeleton log cars	Column	19	2	29	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2000	S Scale: S-Helper Service has SW9/SW1200s in Northern Pacific Railway paint.	Column	19	2	29	2	NPRHA

Modeling News	Nichols, Jeff	Mainstreeter	2000	O Scale: Intermountain now has the R-40-10 steel-sided ice reefer available in six Northern Pacific Railway numbers and "Route of the Vista-Dome North Coast Limited"; W&R 1200-, 1600-, and 1700-series cabooses available in Fall 2000.	Column	19	2	29	2	NPRHA
Coach NP 636 on Last Steam Excursion	Fredrickson, James M.	Mainstreeter	2000	Inside back cover photo of coach Northern Pacific 636 with side painted "Last Steam Choo Choo, Dec. 8 1957"	Photo	19	2	31	1	NPRHA
NP 1776 at South Tacoma during Last Steam Excursion	Fredrickson, James M.	Mainstreeter	2000	Back cover photo of Class W-3 Mikado Northern Pacific 1776 at South Tacoma WA on Dec. 8, 1957 for Last Steam Excursion	Photo	19	2	32	2	NPRHA
Snowplow ex-NP 50	Not identified	Mainstreeter	2000	Front cover photo of Bros "Sno-Flyr" BN972560 (ex Northern Pacific 50) on display at Grand Forks ND open house for Great Northern Railway Historical Society in July 1999. Snowplow	Photo	19	3	1	1	NPRHA
NP 1760 near Mellady, Montana in 1943	Nixon, Ronald V.	Mainstreeter	2000	Inside front cover photo of Class W-3 2-8-2 mikado Northern Pacific 1760 pulling gravel train near Mellady, Montana on June 8, 1943. Nixon photo No 7282	Photo	19	3	2	1	NPRHA
From the President	Beach, Phillip F.	Mainstreeter	2000	President's column about society efforts to preserve Northern Pacific Railway archives, particularly the Ron Nixon collection at Museum of the Rockies and recent efforts at the Jackson Street Roundhouse in cooperation with the Great Northern Railway Historical Society and the Minnesota Transportation Museum; note of a book on "David D. Clarke: Narratives of a Surveyor and Engineer in the Pacific Northwest, 1864-1920"	Column	19	3	4	1	NPRHA
Working on the 6th Subdivision of the Rocky Mountain Division	Cain, Bud, Beach, Phillip	Mainstreeter	2000	Bud Cain talks about engine service on the 6th subdivision, Rocky Mountain Division, in the 1940s. Missoula, Evaro Hill, Northern Pacific 684,	Article	19	3	5	5	NPRHA
The Trip of a Lifetime p Prairie Snowplowing in Minnesota, February-March 1969	Christensen, Jack	Mainstreeter	2000	Plowing snow in Minnesota during winter of 1969, Bros "Sno-Flyr" snow plow, Northern Pacific 50, Morris Branch,	Article	19	3	9	8	NPRHA
Diagram of Diesel Rotary Snow Plow No. 50	Northern Pacific Railway	Mainstreeter	2000	Centerfold drawing of Diesel Rotary Snow Plow No. 50, built in March 1950- by W'm. Bros Boiler & Mfg Co.; Diagram 298, redrawn by Dennis Aust	Drawing	19	3	16	2	NPRHA
Closeup of an NP Veteran	Durr, Duane	Mainstreeter	2000	Photos of Bros "sno-flyr" snowplow, BN 972560 (ex-NP 50).	Photo	19	3	18	2	NPRHA
The Rose Bowl Wreck	Armbruster, Kurt E.	Mainstreeter	2000	Article about December 29, 1960 derailment of Train 408 at Puyallup WA, 3 photos by Jim Fredrickson	Article	19	3	21	5	NPRHA
Ghost of the Gorge: A Northern Pacific Legend	Armbruster, Kurt E.	Mainstreeter	2000	Reprint of December 11, 1891 article in Seattle Press-Times about reputed appearances of "Ghost Engine" Northern Pacific 33 and engineer Tom Cypher near Eagle Gorge WA. Recollections by Dave Sprau about persistence of the legend into the 1960s	Article	19	3	26	3	NPRHA
NP 32 pulling trainload of steam threshing engines	Haynes, F. Jay	Mainstreeter	2000	Photo of Northern Pacific 32, later Northern Pacific 838 Class C-11 4-4-0, American Standard, pulling trainload of threshing engines in Dakota Territory circa 1883. Caption has history of Northern Pacific 33, later Northern Pacific 839, Washington and Oregon Railroad, Pacific Railway and Navigation Co., Baldwin Old Standard.	Photo	19	3	26	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2000	N Scale: Kato announces N scale passenger train sets, to include one in Northern Pacific Railway lettering; Micro-Trains announces 4-freight car set of BN merger roads, including a Northern Pacific Railway 40-foot box car.	Column	19	3	28	2	NPRHA

Modeling News	Nichols, Jeff	Mainstreeter	2000	HO Scale: Accurail USRA two-bay 55-ton hopper in Northern Pacific Railway scheme; Amarillo Railroad Museum 40-foot ice bunker reefer in Northern Pacific 91250-91499 series with 5-ft herald; Athearn 50-foot covered gondola in Northern Pacific Railway scheme; Bowser 100-ton 3-bay hopper; Hi-Tech Details Pullman-Standard 40-foot Hi-Cube boxcar an exact match for Northern Pacific 659994-659999 series; Life-Like RDC-2 matches Northern Pacific B-30 to B-32, and B-40 to B-42 series; Mantua steel reefer in Northern Pacific Railway scheme; Model Rectifier Corp F7A and F7B in Northern Pacific Railway scheme due summer 2000; Donald R. Halffield offers Northern Pacific 24-foot trailer decals in Loewy scheme; Northstar Railroad Models released acrylic passenger car sides for North Coast Limited water baggage and dome-coach; Norwest Kits and Castings offers castings kit for wood reefers built in Tacoma from 1931-1932; Red Caboose GS drop bottom gondola with steel sides in Northern Pacific Railway; Steward F9A and F9B in Loewy scheme should be available; Walthers Alco/Leslie rotary snowplow in Northern Pacific Railway scheme.	Column	19	3	28	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2000	O Scale: W&R cabooses coming in fall 2000 for Northern Pacific 1200, Northern Pacific 1600, Northern Pacific 1700 series	Column	19	3	28	2	NPRHA
NP 2256 at Missoula in 1944	Nixon, Ronald V.	Mainstreeter	2000	Inside back cover photo of Northern Pacific 2256 class Q-6 Pacific 4-6-2 at Missoula on Aug 25, 1944; Ron Nixon No 32703.	Photo	19	3	31	1	NPRHA
Robert McFarlane letter to employees from 1952 Tell Tale	McFarlane, Robert	Mainstreeter	2000	Back Cover reproduction of Robert McFarlane letter to employees from October 1952 Tell Tale announcing new schedule and equipment for North Coast Limited; The Tell Tale, Vol XIII, No 10	Column	19	3	32	1	NPRHA
Caboose NP 1609 in snowstorm at Puyallup WA	Johnston, Robert W.	Mainstreeter	2000	Front cover photo of caboose NP1609 in snowstorm at Puyallup WA in January 1969; showing paddles for daylight safety markers	Photo	19	4	1	1	NPRHA
Contest models from 2000 NPRHA convention in Helena, Montana	Crow, Clint C.	Mainstreeter	2000	Collage of prize-winning models from NPRHA convention in Helena, listing categories and names of modelers	Photo	19	4	2	1	NPRHA
From the President	Beach, Phillip F.	Mainstreeter	2000	Helena convention recap, NPRHA board action regarding an NPRHA foundation, and funding for Jackson Street Roundhouse project	Column	19	4	4	1	NPRHA
NP 1808 at Missoula in 1943	Fredrickson, James M.	Mainstreeter	2000	Photo of Class W-3 Mikado 2-8-2, Northern Pacific 1808, at Missoula on August 20, 1943, with water tank and standpipe.	Photo	19	4	4	1	NPRHA
Gunderson 60-Foot Waffle-Side Boxcar Series 2900-2919	Bischoff, Larry	Mainstreeter	2000	Modeling article with history of Gunderson 60-Foot Waffle-Side Boxcar Series 2900-2919, diagrams, model bill of materials.	Article	19	4	5	4	NPRHA
Diagram 32-B for 60'-6" box cars – XL	Northern Pacific Railway	Mainstreeter	2000	Equipment Diagram 32-B for Gunderson 60-Foot Waffle-Side Boxcar, Series 2900-2919	Drawing	19	4	5	1	NPRHA
Drawing for Gunderson 60-ft. boxcar	Bischoff, Larry	Mainstreeter	2000	Drawing for Gunderson 60-Foot Waffle-Side Boxcar showing double plug door detail, bracing and waffle detail	Drawing	19	4	6	1	NPRHA
NP Railway's Standard Plan 28-32 Lever Mechanical Interlocking Tower	Crow, Clint C.	Mainstreeter	2000	Article about Northern Pacific Railway Standard Plan 28-32 Lever Mechanical Interlocking Tower, with 13 pictures and 7 drawings. Staples MN, Garrison, Montana	Article	19	4	9	11	NPRHA
The Saxry and Farmer Interlocking Machine	Not identified	Mainstreeter	2000	Drawing of Saxry and Farmer Interlocking Machine showing lever mechanism with 4 levers, redrawn by Clint Crow	Drawing	19	4	12	1	NPRHA
Side Elevation, Sheet 28 (Standard Plan of Interlocking Tower)	Northern Pacific Railway	Mainstreeter	2000	Standard Plan Drawing of 28-32 lever interlocking tower dated 1910, showing side elevation, Sheet 28	Drawing	19	4	13	1	NPRHA
Longitudinal Section, Sheet 27 (Standard Plan of Interlocking Tower)	Northern Pacific Railway	Mainstreeter	2000	Standard Plan Drawing of 28-32 lever interlocking tower dated 1910, showing longitudinal section, Sheet 27	Drawing	19	4	14	1	NPRHA
Plan of 1st floor and foundation; Plan of 2nd floor, Sheet 25 (Standard Plan of Interlocking Tower)	Northern Pacific Railway	Mainstreeter	2000	Standard Plan Drawing of 28-32 lever interlocking tower dated 1910, showing 1st floor and foundation, and 2nd floor, Sheet 25	Drawing	19	4	15	1	NPRHA
(Standard Plan of Interlocking Tower)	Northern Pacific Railway	Mainstreeter	2000	Centerfold Standard Plan Drawing of 28-32 lever interlocking tower dated 1910, showing end elevation, cross section and roof plan, Sheets 29 and 26, redrawn by Crow, Clint C.	Drawing	19	4	16	2	NPRHA
One Arm Dwarf Signal, Wire Connected	Northern Pacific Railway	Mainstreeter	2000	Drawing of One Arm Dwarf Signal, Wire Connected, Drawing B-12, redrawn by Crow, Clint C.	Drawing	19	4	18	1	NPRHA
Connection for Switch, with Facing Point Lock	Northern Pacific Railway	Mainstreeter	2000	Drawing of Connection for Switch, with Facing Point Lock, Drawing B-9, redrawn by Crow, Clint C.	Drawing	19	4	18	1	NPRHA

Modeling News	Nichols, Jeff	Mainstreeter	2000	Z Scale: Micro-Trains has 50-foot and 40-foot box cars lettered for Northern Pacific Railway	Column	19	4	20	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2000	N Scale: DeLuxe Innovations has wood chip car available in 6-pack for Northern Pacific 119700-119849 series; Micro-Trains has a 51-foot rib-side mechanical reefer and round-roof 50-foot double door box car	Column	19	4	20	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2000	HO Scale: In addition to items covered in issue 19-3; Amarillo Railroad Museum will offer a 2nd run of the 40-foot ice bunker reefer in 1949 "Main Street of the Northwest" slogan and in the "Vista-Dome" scheme; C&BT Shops has three 40-foot, 6-foot door, 4/4 ends and 10-panel side box car, in three schemes; C. C. Crow has a 48 x 90 engine house/back shop addition to his 90-foot roundhouse kit; Model Die Casting offers twin-pack of old-time 36-foot boxcar in Northern Pacific scheme (not Northern Pacific prototype, but prototypical scheme); Shoreham Shops announces Northern Pacific Railway baggage cars for 3 series, and also 56-seat coach in 2 series; Steward should have Baldwin VO-1000 soon, in Northern Pacific Railway scheme; Sunshine Models Northern Pacific 10000-13999 series 40-foot box car with Murphy 7/8 ribbed steel ends and Northern Pacific 14000-14499 series 40-foot box car with Dreadnaught ends; W&R heavyweight coaches should begin arriving in winter 2000.	Column	19	4	20	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2000	S Scale: S Helper Service has SW-9 in two Northern Pacific numbers and a Northern Pacific 6-car set with SW-9 and matching caboose; Pacific Rail Shops now has an R40-23 steel reefer available in 6 numbers	Column	19	4	20	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2000	O Scale: Ultra Scale has a 40-foot Northern Pacific 10000-13999 series box car; Pecos River Brass taking deposits for Class A-3 and A-4 Northerns	Column	19	4	20	1	NPRHA
Caboose Daylight Safety Markers	Nichols, Jeff	Mainstreeter	2000	Article describing caboose daylight safety markers (paddle style) with modeling suggestions, photos of prototype and model cabooses with markers	Article	19	4	21	3	NPRHA
While Waiting In The Hole	Christensen, Jack	Mainstreeter	2000	Jack Christensen story of runaway caboose on Stillwater Branch in 1969.	Column	19	4	24	2	NPRHA
Tracking the NP	Lustig, Michael	Mainstreeter	2000	Caboose news: BN 10279 (ex-NP 1118) still in service in Spokane, Wood caboose from Wallace ID now on Vashon Island, WA; Depot pictures by David Gasal and Mark Meyer, for Beach, Montana, Terry, Montana, Miles City, Montana, Dickinson ND, Carson ND, Fallon, Montana, Huntley, Montana, Sidney, Montana; Equipment news – Pig Palace in field along Highway 12 west of Helena, Montana, Coach Northern Pacific 633 at White Sulphur Spring, Montana, a Traveler's Rest is in Dallas TX	Column	19	4	26	2	NPRHA
Modeling The NP; Railroad Crossing Signs	Nichols, Jeff	Mainstreeter	2000	Article about modeling crossbucks with the barber pole paint scheme, with prototype and model photos, and drawings	Article	19	4	28	3	NPRHA
Standard Plan crossbuck	Northern Pacific Railway	Mainstreeter	2000	Drawing of standard plan crossbuck from 1898, without stripes	Drawing	19	4	29	1	NPRHA
Call Board: Wonderful World of Color	Crow, Clint C.	Mainstreeter	2000	Editor's announcement that the Mainstreeter will start printing selected color items.	Column	19	4	31	1	NPRHA
NP 5132 in front of Missoula, Montana coal dock	Fredrickson, James M.	Mainstreeter	2000	Photo of Class Z-8 4-6-6-4, Northern Pacific 5132, in front of Missoula Coal and Transfer Company coal dock. Challenger	Photo	19	4	31	1	NPRHA
NP 5121 visits Helena, Montana coal chute	Fredrickson, James M.	Mainstreeter	2000	Photo of Class Z-7 4-6-6-4, Northern Pacific 5121, in front of Helena, Montana coal dock on May 24, 1952. Challenger	Photo	19	4	32	1	NPRHA
Upriver from Paradise	Kelly, Bruce	Trains	2000	Description of western segment of Montana Rail Link and Northern Pacific St Regis to Paradise segment. Sidebar on Evaro route. Map. Keyword: Paradise, semaphores	Article	60	Mar	58	9	Kalmbach, Milwaukee, WI
Eastbound North Coast Limited follows Yellowstone River east of Livingston	McGee, Warren R.	Mainstreeter	2001	Front cover color photo of eastbound North Coast Limited following the Yellowstone River at Milepost 99 east of Livingston, Montana, F7A Northern Pacific 6507C, Nov 24, 1955, Engineer H E McGee	Photo	02	1	1	1	NPRHA
Train 26 near Cardwell, Montana in the upper Jefferson River Canyon in June 1958	Nixon, Ronald V.	Mainstreeter	2001	Inside front cover photo of Train 26, North Coast Limited, near milepost 28 in the upper Jefferson River Canyon near Cardwell, Montana; Day-night coach 594 and dome coach 557 are shown, dining car menu photo, near location where Raymond Loewy was inspired to create the 2-tone green paint scheme.	Photo	02	1	2	1	NPRHA

Side by Side in Seattle	Farrow, Albert E.	Classic Trains	2001	Picture of Northern Pacific 2603 on train 408 leaving Seattle. Keywords: Class A, Northern, 4-8-4, train 408, Seattle, King Street Station	Photo	2	1	98	1	Kalmbach, Milwaukee, WI
From the President	Beach, Phillip F.	Mainstreeter	2001	President's column, thanking Craig Reese for serving as Mainstreeter editor, notes on Company store	Column	20	1	4	1	NPRHA
The Vista-Dome North Coast Limited	Kuebler, William R., Jr.	Mainstreeter	2001	Origin of Dome cars on the North Coast Limited, development of the consist, with introduction of Traveler's Rest and Slumbercoaches, Raymond Loewy re-design, stewardess-nurse program, pool arrangements with "CB&Q and "SP&S"; maintenance rotations;	Article	20	1	5	19	NPRHA
The Streamlined North Coast Limited	Kuebler, William R., Jr., Schrenk, Lorenz P.	Mainstreeter	2001	Evolution and Competition for the North Coast Limited during the streamlined era; Notable events and equipment changes from January 1946 through March 3, 1970.	Article	20	1	16	2	NPRHA
Northern Pacific Motive Power: First in a Series	Nixon, Ronald V.	Mainstreeter	2001	Reprint of article from the December 1949 Tell Tale, page 3, featuring 4-4-0 locomotives of Class B; photo of Northern Pacific 666; technical details for Class B locomotives. American Standard, Baldwin	Article	20	1	26	1	NPRHA
The Mainstreeter; Volume Index, 1981-1986	Phillips, John A. III	Mainstreeter	2001	Index of past Mainstreeter articles from 1981 to 1986	Article	20	1	27	2	NPRHA
Waiting in the Hole; Crossing the Picket Line	Christensen, Jack	Mainstreeter	2001	Jack Christenson reminisces about his duties as an officer during strikes, including crossing picket lines; carmen's strike of 1967; clerk strike of 1970-71, including episode when a regional officer in engine service cause a break-in-two.	Column	20	1	28	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2001	N Scale: DeLuxe Innovations wood chip cars in NP119700-119849 series; Micro-Trains 51-foot rib sided mechanical reefer in silver and 50-foot round roof double door box car.	Column	20	1	29	3	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2001	HO Scale: Amarillo Railroad Museum 4-car reefer set in 1949 "Main Street of the Northwest" scheme; Bowser 100-ton 3-bay hopper; Challenger Imports planning 3 sets of North Coast Limited cars; Hi-Tech Details offers exact copy of Northern Pacific 659994-659999 series Pullman-Standard 40-foot Hi-Cube box car; Life-Like Proto-2000 RDC-2 in two Northern Pacific numbers; Donald R. Halffield decals of 24-foot trailer in Loewy 2-tone green scheme; Northstar Railroad Models has a water-baggage and a dome-coach kit; Norwest Kits and Castings has Northern Pacific 90000-90999 series wood reefer kits in resin; Shoreham Shops currently has baggage cars in Northern Pacific 200-202 series, NP203-239 series, Northern Pacific 406-411 series, 56-seat coach in Northern Pacific 500-507 series and Northern Pacific 588-599 series; Stewart Hobbies has Baldwin VO-1000 in Northern Pacific 402, Northern Pacific 415 and unnumbered; Sunshine Models has Northern Pacific 10000-13999 series and Northern Pacific 14000-14499 series 40-foot double sheathed box cars in resin; Walther's has Northern Pacific 1300-1305 series 60-foot auto part boxcars; W&R announces schedule for passenger cars, Timken, L-9 and L-10 locomotives	Column	20	1	29	3	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2001	O Scale: Ultra-Scale II has Northern Pacific 10000-13999 series 40-foot double sheathed box cars and 40-foot composite war emergency box car in Northern Pacific Railway scheme.	Column	20	1	29	3	NPRHA
Sleeper-observation-lounge 390 brings up rear of North Coast Limited along Clark Fork River	Nixon, Ronald V.	Mainstreeter	2001	Inside back cover photo of westbound North Coast Limited photographed between Paradise and Plains in June 1957, sleeper-observation-lounge 390 is on the end	Photo	20	1	31	1	NPRHA
North Coast Limited being switched at St. Paul Union Depot	Fredrickson, James M.	Mainstreeter	2001	Back cover color photo of North Coast Limited, Train 26, being switched at St. Paul Union Depot in August 1969; Dome Sleeper SP&S 306, diner 463, Traveler's Rest Lounge 494.	Photo	20	1	32	1	NPRHA
Eastbound North Coast Limited approaching Tunnel No. 4 at Stampede WA in May 1962	Fredrickson, James M.	Mainstreeter	2001	Front cover photo of Eastbound North Coast Limited approaching Tunnel No. 4 at Stampede WA in May 1962, viewed from hill above tunnel; F units 6508C, 6509B, 6506A; slumbercoach, Traveler's Rest	Photo	20	2	1	1	NPRHA
Westbound North Coast Limited with 4 dome cars along Jefferson River	Nixon, Ronald V.	Mainstreeter	2001	Inside front cover photo of Westbound North Coast Limited with 4 dome cars along Jefferson River in November 1954; two dome coaches, diner 450, 8-6-4 sleeper 368, dome sleeper 312, 8-6-3-1 sleeper 352, another dome sleeper, and sleeper-observation-lounge car	Photo	20	2	2	1	NPRHA
From the President	Beach, Phillip F.	Mainstreeter	2001	Notes on pending Duluth convention, Jackson Street Roundhouse project, Preservation Fund and Preservation Committee.	Column	20	2	4	1	NPRHA

The Crew of the Vista-Dome North Coast Limited	Kuebler, William R., Jr.	Mainstreeter	2001	Crew requirements and personalities for the Vista-Dome North Coast Limited, lists of engine and train crew districts, discussion of seniority and crew districts, dispatching the North Coast Limited,	Article	20	2	5	12	NPRHA
A Word About Car Lines	Kuebler, William R., Jr.	Mainstreeter	2001	Discussion of "Car Lines" to describe coach or sleeper position within a passenger train, with a list of typical car line numbers for the North Coast Limited in summer 1959.	Article	20	2	17	1	NPRHA
Vista-Dome NCL Consists	Kuebler, William R., Jr.	Mainstreeter	2001	Summary of North Coast Limited consist changes from 1954 to 1970	Article	20	2	17	5	NPRHA
Behind the Scenes on a Cross-Country Passenger Run	Not identified	Mainstreeter	2001	Reprint of article from the August 1965 Tell Tale, describing the activities behind the scenes for operating the North Coast Limited and the Mainstreeter, including inspections, dining supplies, in route replenishment and refueling, stewardess-nurses.	Article	20	2	21	4	NPRHA
Waiting in the Hole	Strand, Thomas P.	Mainstreeter	2001	Operating patterns on the Sumas Branch – Fifth Subdivision, Tacoma Division; Trains 675 and 676, helper districts and operating patterns; tonnage limitations; typical freight car loads; crew rotation; Puyallup Local; dieselization. Class W-3, Mikado, Canadian Pacific, Canadian National	Column	20	2	24	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2001	N Scale: Des Plaines Hobbies "C&NW" day-night coaches acquired by Northern Pacific Railway, Northern Pacific 518-526 series; Intermountain announces pending FT models	Column	20	2	25	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2001	HO Scale: In addition to items described in Vol. 20 No. 1; Accurail bi-level and tri-level auto rack cars; Atlas three-bay center-flow hopper in Northern Pacific 76300-76399 series; MDC ballast hoppers matching Northern Pacific 87500-87749 series; Moloco standard cupola kit to convert Atlas caboose into Northern Pacific 1100-1149 series; MRC F7A in Northern Pacific 6015A and Northern Pacific 6012A; W&R passenger cars pending.	Column	20	2	25	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2001	O Scale: Peterson Supply – reservations for custom painted Atlas extended vision caboose; Ultra Scale II 40-ft box car in Northern Pacific 14500-14999 series	Column	20	2	25	2	NPRHA
The Mainstreeter; Volume Index, 1987-1991	Phillips, John A. III	Mainstreeter	2001	Index of past Mainstreeter articles from 1987 to 1991	Article	20	2	26	3	NPRHA
Northern Pacific Motive Power: Second in a Series	Nixon, Ronald V.	Mainstreeter	2001	Reprint from January, 1950 Tell Tale, featuring Class C-13 American Standard 4-4-0 locomotives by Portland Locomotive Works. Old Class C-2, "Old Portland", built 1881-1883; Northern Pacific 171-194 and Northern Pacific 201-223; survivors renumbered Northern Pacific 870-898	Article	20	2	29	1	NPRHA
The Mainstreeter; Volume Index, 1992-1996	Phillips, John A. III	Mainstreeter	2001	Index of past Mainstreeter articles from 1992 to 1996	Article	20	2	29	2	NPRHA
Tracking The NP	Lustig, Michael	Mainstreeter	2001	Timken ND depot was moved to Carson ND, and is now a hog barn located 2 miles west of Carson; Lark ND depot is now a private residence 1.5 miles west of Flasher ND off Highway 21; photos of restoration at Billings, Montana depot	Column	20	2	30	1	NPRHA
The Mainstreeter; Volume Index, 1996-2001	Phillips, John A. III	Mainstreeter	2001	Index of past Mainstreeter articles from 1996 to 2001	Article	20	2	30	2	NPRHA
Dome car 555 at platform in Minneapolis	Not identified	Mainstreeter	2001	Inside back cover photo of dome car 555 at platform in Minneapolis, 1968	Photo	20	2	31	1	NPRHA
Observation-Lounge car 391 at Ellensburg	Hulin, Gil	Mainstreeter	2001	Back cover photo of observation-lounge car 391 at Ellensburg in October 1964; formerly "Arlington Club"	Photo	20	2	32	1	NPRHA
NP 760 and Copper City Limited in front of Missoula depot	Not identified	Mainstreeter	2001	Front cover photo of Class C-6 American Standard Northern Pacific 760 in front of Missoula, Montana depot before departing for Butte; pulling typical consist for Copper City Limited; Portland Locomotive Works. 4-4-0, Ron Nixon No. 6830	Photo	20	3	1	1	NPRHA
Train No. 1 with NP 6502 at Skones, Montana in Pine Tree passenger paint scheme	McGee, Warren R.	Mainstreeter	2001	Inside front cover photo of Train No. 1 with Northern Pacific 6502 at Skones, Montana in Pine Tree passenger paint scheme, on March 29, 1949, during traffic re-route through Butte following Mullan Tunnel cave-in., with note on train handling with 70-car sidings.	Photo	20	3	2	1	NPRHA
From the President	Beach, Phillip F.	Mainstreeter	2001	President's column,	Column	20	3	4	1	NPRHA

“Shutterbug” Superbly Evokes Bygone Era	Virgin, William	Mainstreeter	2001	Review of Jim Fredrickson’s new book, “Railroad Shutterbug”, reprinted from February 28, 2001 Seattle Post-Intelligencer	Photo	20	3	5	2	NPRHA
The Short Reign of a Montana “Monarch” – The Copper City Limited	Schrenk, Lorenz P.	Mainstreeter	2001	Story of the Copper City Limited, a summer-season high-speed train between Butte and Hamilton, Montana, via Missoula, for the benefit of Marcus Daly; passenger scheme circa 1900; photos of Bitter Root Branch, profile of Bitter Root Branch, decline and discontinuation of special passenger service on Bitter Root Branch	Article	20	3	6	9	NPRHA
The Sun Cure Train: What’s Your Hurry	Anaconda Standard	Mainstreeter	2001	Reprint of November 6, 1899 story, tongue-in-cheek, about the poor train service on the Bitter Root Valley Branch of the Northern Pacific Railway, during the months when service was offered by a mixed train rather than the Copper City Limited.	Photo	20	3	9	1	NPRHA
Roster of the Copper City Limited	Schrenk, Lorenz P.	Mainstreeter	2001	Diagrams for second class coach, chair car, mail and express car, notes on typical motive power: Class C-6 American Standard Northern Pacific 788 and Northern Pacific 800, Class C-19 Northern Pacific 675; Rolling stock Combination mail-express cars Northern Pacific 133 and Northern Pacific 142, Second class coaches Northern Pacific 702, Northern Pacific 710, Northern Pacific 723; chair cars Northern Pacific 725, Northern Pacific 726, Northern Pacific 730, Northern Pacific 739; Express refrigerator cars, numbers unknown.	drawing	20	3	15		NPRHA
Second Class Coach	Northern Pacific Railway	Mainstreeter	2001	Diagram of second class coach Nos. 700 to 734 (scattered) showing 51-ft 8-in coach, diagram 318, renumbered to Drover’s Cars	drawing	20	3	16	2	NPRHA
Chair Cars	Northern Pacific Railway	Mainstreeter	2001	Diagram of chair cars, Nos. 724, 725, 726, 727; Diagram 81.1; 51-ft 6-in; changed to shop train cars	drawing	20	3	16	2	NPRHA
Mail and Express Car	Northern Pacific Railway	Mainstreeter	2001	Mail and Express Car No. 133; diagram 56, 54-ft 6-5/8-inch.	drawing	20	3	17	1	NPRHA
Legendary Engineer Jack Woolverton	Kuebler, William R., Jr.	Mainstreeter	2001	Testimonial to Jack Woolverton, engineer on the Rocky Mountain Division from 1903 to 1950, including many reminiscences from others, and descriptions of ways in which he handled trains. Cactus Jack, Rambling Jack, taking coal on the roll	Article	20	3	18	7	NPRHA
Waiting In The Hole	Christensen, Jack	Mainstreeter	2001	Jack Christensen recounts his experiences working with Glenn Staeheli in several capacities through the years.	Column	20	3	24	3	NPRHA
Northern Pacific Motive Power: Third in a Series	Nixon, Ronald V.	Mainstreeter	2001	Reprinted article from the January 1950 Tell Tale; Class M 2-10-0 decapod steam locomotives; Northern Pacific 1 and Northern Pacific 2 (originally Northern Pacific 500 and Northern Pacific 501); built in 1886 to pull trains over the Stampede Pass switchbacks; class statistics; later used as switch engines at Tacoma, Spokane, Hoquiam	Article	20	3	26	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2001	N Scale - In addition to models discussed in vol 20, Nos. 1 and 2: GHQ has a cast metal GS gondola; Kato slumbercoaches	Column	20	3	28	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2001	HO Scale - In addition to models discussed in vol 20, Nos. 1 and 2: Accurail decal sheet for 40-ft double sheathed wood box car; Athearn F-7A and F-7b units will be offered in freight (black) and passenger (two-tone green) paint, wide vision caboose in green with yellow stripe; Bowser 100-ton three-bay open hopper and 70-ton two-bay covered hopper, both very close to Northern Pacific Railway prototypes; Division Point modernized FT; Railway Classics will produce 3 versions of Northern Pacific Railway baggage cars; Shoreham Shops	Column	20	3	28	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2001	O Scale - see models discussed in vol 20, Nos. 1 and 2:	Column	20	3	28	2	NPRHA
Auburn WA depot in 1970	Fredrickson, James M.	Mainstreeter	2001	Inside back cover photo of Auburn WA depot on Sept. 2, 1970 with extended caption describing Jim Fredrickson’s experiences as an operator at Auburn and Kent WA	Photo	20	3	31	1	NPRHA
Class Z-8 NP 5138 at Easton WA	Fredrickson, James M.	Mainstreeter	2001	Back cover photo of Class Z-8 Northern Pacific 5138 at Easton WA coal dock in September 1944. 4-6-6-4, Challenger	Photo	20	3	32	1	NPRHA
NP 1372 at Fall City WA in 1957	Wing, Warren W.	Mainstreeter	2001	Front cover color photo of Class S-4 Ten Wheeler Northern Pacific 1372 at Fall City WA water tank; Casey Jones Excursion, April 28, 1957. 4-6-0,	Photo	20	4	1	1	NPRHA
From The President	Beach, Phillip F.	Mainstreeter	2001	Notes on Duluth convention, recent death of Dave Carlson, progress on archives at Jackson Street Roundhouse	Column	20	4	3	1	NPRHA

Snoqualmie Branch '45	Strand, Thomas P.	Mainstreeter	2001	Description of working the North Bend Local in 1940s, including personalities, stations, typical business; Tacoma Division, Second Sub-Division (main line), Fifth Sub-Division (Sumas Branch); Eleventh Sub-Division (Lake Washington Belt Line); Twelfth Sub-Division (Snoqualmie Branch); station list,	Article	20	4	4	10	NPRHA
Class S-4; Ten-Wheelers Extraordinaire	Soule, Charles H.	Mainstreeter	2001	Background of Class S-4 Ten-wheeler steam locomotives; passenger service; freight service; diagram, 1929 table of tonnage ratings for S-4 locomotives in Pacific Division service, Vauclain compound, converted to simple single expansion with superheater	Article	20	4	14	2	NPRHA
Diagram of Class S-4 Comp. Baldwin Locomotive Works	Northern Pacific Railway	Mainstreeter	2001	Diagram of Class S-4 Compound, redrawn by Dennis Aust; notes of engines changed to simple, and for engines changed to superheaters; diagram 103.	Drawing	20	4	15	1	NPRHA
Map of junction at Woodinville, WA	Northern Pacific Railway	Mainstreeter	2001	Centerfold Map of Woodinville WA junction between Lake Washington Belt Line, Snoqualmie Branch, and Sumas Branch; showing track, buildings with labels, county roads; undated; redrawn by Dennis Aust	Drawing	20	4	16	2	NPRHA
War Babies Born of Necessity; Northern Pacific Correspondence on Box Car Bay Window Caboose	Dick, James C., Phillips, John A, III	Mainstreeter	2001	Description of developing roster of steel center-sill cabooses to comply with state laws and operational needs; correspondence describing needs and progress in building cabooses; conversion of box cars to bay window cabooses; diagrams;	Article	20	4	18	7	NPRHA
Diagram of Caboose NE; converted from 36' S.U.F. box car of 1903	Northern Pacific Railway	Mainstreeter	2001	Diagram of bay window caboose; converted from 36' Steel underframe box car of 1903; diagram; series – 10537; Northern Pacific 1533 & 1537; redrawn by Dennis Aust; general plan drawing 46184, 49960	Drawing	20	4	23	1	NPRHA
Diagram of Caboose NE; converted from 36' S.U.F. box car of 1903	Northern Pacific Railway	Mainstreeter	2001	Diagram of bay window caboose; converted from 36' Steel underframe box car of 1903; diagram; series – 10505-10536, 10538-1059493; Northern Pacific 1505-1532, 1534-1536, 1538-1594; redrawn by Dennis Aust; general plan drawing 46184	Drawing	20	4	23	1	NPRHA
Snoqualmie Days	Sprau, David T.	Mainstreeter	2001	Dave Sprau recalls station duties at Snoqualmie WA in the early 1960s; Weyerhaeuser Mill; misrouting cars by Weyerhaeuser staff, and repercussions to station staff for mistakes by others	Article	20	4	24	3	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2001	N Scale: American Model Builders laser kit Northern Pacific Class A Standard Plan depot of 1890; Kato RDC lettered for Northern Pacific Railway; Micro-Trains three-pack of Northern Pacific Railway riveted-side reefers	Column	20	4	29	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2001	HO Scale: In addition to items previously described in Vol. 20 Nos. 1, 2 and 3: Athearn will be releasing their 72-foot passenger cars in a Northern Pacific Railway scheme, also 40-ft high cube box car, plug doors not prototype.	Column	20	4	29	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2001	O Scale: Items previously described in Vol. 20 Nos. 1 and 2	Column	20	4	29	1	NPRHA
Redmond, WA depot with Alma Floberg, William Bernard, Wade Hall and Max King	Fredrickson, James M.	Mainstreeter	2001	Back cover color photo of Alma Floberg (agent), William Bernard and Wade Hall (not employees) and Max King (engineer) in front of Redmond WA depot, showing Swift train order signal	Photo	20	4	32	1	NPRHA
I Did Not Have a Clue	Emanuel, Edward R.	Trains	2001	Anecdotal experience of a rookie operator and towerman working Chehalis Junction in 1946. One picture. Keyword: Chehalis, operator.	Article	61	Apr	64	2	Kalmbach, Milwaukee, WI
Sullivan of the Northern Pacific	Sullivan, James R.	Trains	2001	Journal of locomotive engineer Joseph Vincent Sullivan, a 40 year veteran of the St Paul Division.. Years covered are 1905-1946. Map, 9 pictures. Keywords: engine service, St Paul Division, 'LF&D', St Paul, Mississippi Street, suburban service, Morris, Staples, Northtown	Article	61	Dec	36	8	Kalmbach, Milwaukee, WI
Steinheimer: Jamestown, N. DAK	Steinheimer, Richard	Trains	2001	Small set of photos of Northern Pacific action and equipment at Jamestown in 1957. Keyword: Jamestown, goose, Wilton, 604, snow, doodlebug, gas-electric	Photo	61	Feb	34	6	Kalmbach, Milwaukee, WI
Red Lodge and the Mythic West; Coal Miners to Cowboys	Christensen, Bonnie	University Press of Kansas	2002	An academic history of Red Lodge, Montana, and its evolution from a mining town to a tourist town. Of most interest to Northern Pacific Railway fans is its origin in coal mining for the railroad. ISBN 0-7006-1198-3.	Book	2002			312	University Press of Kansas
NP 3305 Class U-33C		Mainstreeter	2002	Color photo of Northern Pacific 3305 Class U-33C, 1969, Pasco., keywords: U-33C, Pasco, diesel	Photo	21	1	1	1	NPRHA
Chronicle of a Tough Trip	Hove, Glenn W.	Mainstreeter	2002	Story of trip from Dilworth to Jamestown in a blizzard in winter of 1947-48. keywords: Dilworth, Jamestown, Koldok, blizzard,	Article	21	1	4	8	NPRHA

Plan of Dilworth, Minn.	Northern Pacific Railway	Mainstreeter	2002	7-22-53 Map of roundhouse, car shop, depot, yard and stockyard. keywords: Dilworth, roundhouse, car shop, depot, drawing, map	Drawing	21	1	16	2	NPRHA
A Difference In Details; NP U-33Cs	Pickell, Jerry	Mainstreeter	2002	Modeling article with prototype pictures and model photos for detailing Atlas HO scale U-33C. keywords: model, U-33C, HO, Atlas,	Article	21	1	18	4	NPRHA
Motive Power, Fifth in a Series	Nixon, Ronald V.	Mainstreeter	2002	NP 328, Class S-10, 4-6-0, on Grantsburg Branch in 1950. Reprinted from The Tell Tale, May, 1950, page 2. keywords: Class S-10, 4-6-0, ten-wheeler, Grantsburg branch, steam locomotive,	Article	21	1	22	2	NPRHA
Sixty-One Foot Wood Chip Cars	Davison, Mike	Mainstreeter	2002	History of 61-foot Wood Chip cars built beginning 1966. List of available models in HO and N scale, Builder summary, BN renumberings, Diagram 99 for series 119500 to 119699, Diagram 99-C for series 582650 to 582749. keywords: wood chip car, diagram 99, diagram 99C,	Article	21	1	24	4	NPRHA
New Books	Not identified	Mainstreeter	2002	Review of Northern Pacific's Mullan Pass on the Montana Short Line by Bill and Jan Taylor; review of Down the Track - An Anthology by Ruth Eckes.	Column	21	1	28	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2002	New Items - N Scale: Kato slumbercoaches and Budd RDC; Micro-Trains mechanical reefers;	Column	21	1	29	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2002	New Items - HO Scale: Accurail bi- and tri- level auto racks; Athearn 72-ft passenger cars in NP, 40-ft plug door box; Atlas 3-bay centerflow hopper; Bowser 3-bay hoppers, 2-bay covered hopper, Details West rotary flasher and details for F units, Highliners F-unit, InterMountain 40-ft AAR boxcar, MDC 86-ft Pullman Palace Cars, Red Caboose GS steel-side gondola, Railway Classics baggage cars and 56-ft coaches, Stewart Hobbies VO-1000, Walthers 60-ft auto parts boxcar, 40-ft OB boxcar w/grain door	Column	21	1	29	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2002	New Items - O Scale: InterMountain steel side ice bunk reefer, Lionel set of 4 Northern Pacific freight cars	Column	21	1	29	1	NPRHA
NP 125 News	Anderson, Richard	Mainstreeter	2002	Northwest Rail Museum purchased Northern Pacific 125, Alco HH-660. History of the locomotive, discussion of current condition, restoration plans. Keywords: diesel locomotive HH-660, Snoqualmie Falls	Column	21	1	30	1	NPRHA
From the Archives	Schrenk, Lorenz P.	Mainstreeter	2002	Story of Scotchlite bands on diesel locomotives. Discussion of current status of Jackson Street Roundhouse archives. Keywords: scotchllite	Column	21	1	31	1	NPRHA
Plan of Tell Tale	Northern Pacific Railway	Mainstreeter	2002	Plan of Tell Tale	Drawing	21	1	31	1	NPRHA
Rear cover photo	Lehlbach, David S.	Mainstreeter	2002	color photo of Northern Pacific 19980 wood chip car, 1995, Paradise	Photo	21	1	32	1	NPRHA
Portland Union Station	Hulin, Gil	Mainstreeter	2002	Portland Union Station. View from inside as train 407 is about to depart for Seattle; 1968	Photo	21	2	1	1	NPRHA
Tacoma Division, South End Map	Not identified	Mainstreeter	2002	Map of Tacoma Division from Tacoma to Portland, showing main stations and branches.	Drawing	21	2	4	1	NPRHA
Tacoma Division, South End Primer	Not identified	Mainstreeter	2002	Tables of track laying record, branches, telegraph calls, stations and distances. Shows division organization as of 1966. keywords: tracklaying record, Tacoma Division, branches, telegraph calls, Prairie Line, Gray's Harbor Line, American Lake Line, Gate Line, Elma Branch, Ocosta Line, Willipa Harbor Line, Yacolt Branch	Table	21	2	5	1	NPRHA
A Brief History of the Prairie Line	Ferris, Brian	Mainstreeter	2002	Brief history of construction from Kalama to Tacoma, description of line from Tacoma to Tenino, brief history of Northern Pacific service to Yelm, operations broken out from 1910-1920, 1920-1930, war years, post-war, post-merger. Joint Facilities book Photos of South Tacoma, Lakeview, Roy, Yelm, Rainier, McIntosh, West Tenino. Keywords: Prairie Line, operations	Article	21	2	6	6	NPRHA
Depots Down the Point Line	Dick, James C.	Mainstreeter	2002	Brief history of Point Defiance Line from Tacoma to Tenino, histories of depots at: Day Island, Steilacoom, Tenino, Ruston. Joint Facilities book Photos of Sixth Avenue, Steilacoom, Ketron, Nisqually, Saint Clair, Chambers Prairie, Tenino. Keywords: depot, Point Defiance line, Titlow	Article	21	2	12	5	NPRHA

Standard Plan of 30'-48' Combination Depot with Living Rooms	Northern Pacific Railway	Mainstreeter	2002	Standard plan of 30' by 48' combination depot with living rooms. This was a common plan across the system. Provides painting instructions – exterior Indian Red, trimmings Bottle Green, interior wood boiled linseed, other light lead. 1910. keywords: depot, standard plan, paint,	Drawing	21	2	16	2	NPRHA
Pooled to Portland	Fredrickson, Jim; Sprau, Dave	Mainstreeter	2002	Describes pooled passenger and freight operations from Seattle to Portland	Column	21	2	19	2	NPRHA
An NP Family Album: Tacoma Division's South End	Fisher, James	Mainstreeter	2002	Company Photos of James Fisher for the Northern Pacific Joint Facilities Books, showing 1920s Photos of facilities on the south end of the Tacoma Division, including Centralia, Chehalis, Napavine, Winlock, Vader, Castle Rock, Kelso, Longview Junction, Kalama,	Photo	21	2	21	5	NPRHA
A Passenger Presence in Portland	Hobbs, Paul	Mainstreeter	2002	History of NP-related passenger service in Portland, including OR&N, OWR&N, SP&S, GN, UP, pool trains, through Pullman service to SP and UP. Keywords: Portland Union Station, Oregon and California, Villard, Kalama, Goble, ferry,	Article	21	2	26	4	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2002	New Items - N Scale: Atlas caboose; Deluxe Innovations gondola; MDC Pullman Palace Cars, mechanical reefer; Microscale caboose decals	Column	21	2	30	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2002	New Items - HO-Scale: Accurail bi and tri-level auto racks, Athearn 50 ft smooth side refrigerator, 57 ft mechanical reefer, Atlas steel caboose, Bowser 70-ton 2-bay covered hopper, Challenger war emergency boxcar, Highliners F-units all phases, Intermountain 60-foot boxcars, ACF 2-bay centerflow hopper, Life-Like GP-7, MDC ore cars, Northstar streamline passenger cars, Red Caboose GS steel-side gondola, Railway Classics brass baggage cars, 56-ft coaches, Stewart VO-1000, Walther's gas-electric	Column	21	2	30	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2002	New Items - O Scale: K-Line North Coast Limited, Peterson Supply SW-1200, Sunset Models A-3 A-4 and A-5	Column	21	2	30	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2002	New Items - G Scale: Aristo-Craft steel boxcar, USA Trains F3A and F3B	Column	21	2	30	2	NPRHA
Sunset and semaphores	Fredrickson, James M.	Mainstreeter	2002	Color photo of sunset and semaphores from eastbound North Coast Limited, August 20, 1969. keywords: semaphore	Photo	21	3	1	1	NPRHA
Routes Across the Rockies	Masters, Jerry R.	Mainstreeter	2002	History of route-finding surveys and later line relocations through Montana Rockies in 1800s. keywords: Pacific Railroad Survey, Elwin Ferry Johnson, Isaac Stevens, William Milnor Roberts, John Williams Kendrick, Mullan Pass, Homestake Pass, Pipestone Pass, Milwaukee Road, ABS signalling	Article	21	3	4	7	NPRHA
On the Fargo Division	Hove, Glenn W.	Mainstreeter	2002	Experiences of Glenn Hove as fireman on Fargo Division, Glenn J. Williams Photos. Table of trips by Hove in second half of October 1960 with operational footnotes. Experiences operating Alco engines. Sources of some Northern Pacific items at Cass County Historical Society (Bonanzaville USA). keywords: Fargo Jamestown, Koldok, Dilworth Bonanzaville USA	Article	21	3	10	4	NPRHA
With Gunnard Larson on the Fargo Division, 1928-1971	Larson, Douglas W.	Mainstreeter	2002	Douglas's recollections of his father's service as fireman and engineer on Fargo Division. Snowplow wreck on Devil's Lake Branch in 1937, grade crossing accidents, last passenger runs at Jamestown, demolition of obsolete facilities. Photos by Berniece Larson (Gunnar's wife) and Douglas. Keywords: Devils Lake Branch, Jamestown	Article	21	3	14	4	NPRHA
Wood Chip Car Diagrams 101-C, 102-A and 103-A	Northern Pacific Railway	Mainstreeter	2002	Wood chip car diagrams 101-C (119277-119284), 102-A (various 119xxx converted from series 30000 boxcars), 103-A (118500-118540, 118785 converted from 52000 series GS gondola cars) redrawn by D. Aust. Keywords: wood chip car, converted boxcar, converted gondola	Drawing	21	3	16	2	NPRHA
Motive Power, Sixth in a Series	Nixon, Ronald V.	Mainstreeter	2002	NP 2222 Class Q-4 Pacific steam locomotive, Reprinted from the Tell Tale, June 1950, page 2. Original number Northern Pacific 222, includes famous 4 deuces train order, table of characteristics for Baldwin and Alco class members. Keywords: Class Q-4, steam locomotive, Pacific,	Article	21	3	20	4	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2002	N Scale: Atlas standard cupola caboose and 70-ton ore car, DeLuxe Innovations news on 41-ft gondola, Intermountain FT in A and B, Micro-Trains FT in A and B, MDC 2-8-0 and 4-pack of 50-ft FMC boxcars and 57-ft mechanical reefers, Model Power USRA 4-6-2 in NP	Column	21	3	24	2	NPRHA

Modeling News	Nichols, Jeff	Mainstreeter	2002	HO Scale: Athearn 50-ft smooth-side refrigerator and 57-ft mechanical refrigerator, Atlas ACF three-bay centerflow hopper and Int Car Co steel caboose 1100-1149, Branchline 40-ft AAR postwar boxcar, Challenger Imports war emergency boxcars, InterMountain 60-ft Pullman Standard boxcars and 3-bay covered hoppers, Kato Yellowstone River business car, Norhstar streamlined passenger cars, Sunshine 40-ft gondola news, W&R pending 100,000 gal water tank and GS gondolas with wood chip and sugar beet versions and 41-ft OB boxcars	Column	21	3	24	2	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2002	O Scale: Atlas standard cupola caboose, Peterson Supply SW-1200, Ultra Scale II Models ex-PRR X-31 boxcars and 40500-series boxcars	Column	21	3	24	2	NPRHA
NP Wood Chip Cars, 1951-1965 A Summary	Davison, Mike	Mainstreeter	2002	Summarizes various wood chip cars - Boxcar conversions by series and gondola conversions by series with modeling considerations, diagram for 118310 to 118317, color and B&W photos. Keywords: wood chip cars, boxcar conversions, gondola conversions, modeling	Article	21	3	26	4	NPRHA
Editorial notes	Phillips, John A. III	Mainstreeter	2002	Bozeman Historic District, collisions with goose, sheep, rattlesnakes, Casselton Branch abandonment, Puget Sound and Pacific operations, Polson Branch abandonment, MRL semaphore removal, Sprague depot relocation.	Article	21	3	30	2	NPRHA
SP&S 700	Busse, Todd R.	Mainstreeter	2002	Color photo of SP&S 700 heading through Cyr, Montana with Oct. 12, 2002 excursion. Keywords: Cyr, SP&S 700, 4-8-4, Northern, Class A-3	Photo	21	4	1	1	NPRHA
The Magnificent 700	Kuebler, William R., Jr.	Mainstreeter	2002	Account of October 2002 excursion between Sandpoint and Billing s by SP&S 700, sister to Northern Pacific Class A-3 4-8-4 Northerns. Includes mileage log information about Paradise,, Montana. Includes color and b&w Photos. Keywords: Class A-3, Northern, 4-8-4, Paradise, Stewardess-nurse,	Article	21	4	4	6	NPRHA
Red River Winter	Lorentzsen, Norman M.	Mainstreeter	2002	Account of March 15, 1941 blizzard by Norm Lorentzsen, who was a brakeman at the time. Also account of rerailing Russell plow and locomotives on Cooperstown branch. Later became VP of the Northern Pacific and CEO of BN. Includes mileage log of Cooperstown, ND Branch. Keywords: blizzard, Russell snowplow, wrecker, Cooperstown Branch	Article	21	4	10	2	NPRHA
A Roadmaster on the Russells	Phillips, John A. III	Mainstreeter	2002	Recollections of former Roadmaster Robert A. Robey about plowing with Russell snowplows. Includes diagram 308 of Russell snowplow. Keywords: Russell snowplow, diagram	Article	21	4	12	1	NPRHA
A Letter from North Dakota	Mitchell, Stewart	Mainstreeter	2002	Author was Northern Pacific draftsman who reviewed Midland Continental records (includes map), provides account of arrangement for Northern Pacific extra board trainmen to work Midland Continental trains. Keywords: Midland Continental, map, Gladstone Hotel, Jamestown,	Article	21	4	13	2	NPRHA
Fargo Division Map	Not identified	Mainstreeter	2002	Map of Fargo Division	Drawing	21	4	16	2	NPRHA
NP's Thirty-Six-Foot Box Cars	Davison, Mike	Mainstreeter	2002	Outlines the 36-foot box cars built between 1893 and 1903. Drawings of roof construction, door hardware, roster, four good photos. Keywords; 36-foot box car, roster	Article	21	4	18	4	NPRHA
Motive Power, Seventh in a Series	Nixon, Ronald V.	Mainstreeter	2002	NP 25, Class Y-1 Consolidation, reprinted from the Tell Tale, July 1950, Page 2. Description of locomotive history starting with crossover compound arrangement, Photos of 25 as cross compound and simple, diagram of Class Y-1, diagram of tender, table of characteristics. Keywords: Northern Pacific 25, 2-8-0, Class Y-1, Consolidation, crossover compound, diagram	Article	21	4	22	2	NPRHA
Lester's Last Loss	Phillips, John A. III; Eckes, Ruth; Newcomer, Pam; Sawyer, Darrell	Mainstreeter	2002	Obituary of Gertrude Down Murphy (1903-2002). She was the last legal resident of Lester. Recounts Tacoma's efforts to evict the residents and demolish the town. Keywords: Lester, Gert Murphy	Article	21	4	24	1	NPRHA
You've Got Dale	Kooistra, Blair E.	Mainstreeter	2002	Review of Northern Pacific by Dale Sanders.	Column	21	4	25	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2002	N Scale: Atlas caboose, Atlas ore car, InterMountain Diesel EMD FT, Micro-Trains Diesel EMD FT, MDC steam 2-8-0 consolidation, MDC 50-foot FMC boxcar and 57-foot mechanical refrigerator, MDC old time reefer stock car boxcar caboose, Model Power USRA 4-6-2 Pacific.	Column	21	4	26	1	NPRHA

Modeling News	Nichols, Jeff	Mainstreeter	2002	HO Scale: Challenger war emergency boxcar, Intermountain 3-bay covered hopper, Kato Yellowstone River business car, Life-Like GP-18 diesel, Riverossi skeleton log car, W&R 100,000-gallon water tank, water column, W&R GS gondola, W&R wood chip gondola, W&R sugar beet gondola, W&R 42-foot OB boxcar	Column	21	4	26	1	NPRHA
Modeling News	Nichols, Jeff	Mainstreeter	2002	O Scale: Sunset Z-5 2-8-8-4 Yellowstone	Column	21	4	26	1	NPRHA
Moving NP 2153	Oliver, John M.	Mainstreeter	2002	Story of moving Northern Pacific 2153 from East Grand Forks to Jackson Roundhouse in Minneapolis. Keywords: Northern Pacific 2153, 4-6-2, Pacific, Class Q-3.	Article	21	4	27	3	NPRHA
Archives Progress	Schrenk, Lorenz P.	Mainstreeter	2002	Status update on NPRHA archives, storage rooms, catalog, recent donations	Article	21	4	29	1	NPRHA
Rear cover photo	Birkholz, Paul D.	Mainstreeter	2002	Color photo of SP&S 700 splitting semaphore signals at Donlan, Montana with Oct. 12, 2002 excursion. Keywords: Donlan, semaphore, SP&S 700, 4-8-4, Northern, Class A-3.	Photo	21	4	32	1	NPRHA
An Engineer's Engineer	Angle, Don	Classic Trains	2002	Experiences of Locomotive Engineer Jack Wolverton in Montana, as written by a fireman who worked with him. Map. 6 pictures. Keywords: Livingston, Butte, Logan, Northern Pacific, Bozeman, 217, 218, Whitehall, Homestake.	Article	3	4	80	6	Kalmbach, Milwaukee, WI
Grade Crossings	Sullivan, James R.	Trains	2002	Anecdote of a grade crossing accident at Anoka, MN. Keyword: accident, Northtown, St Paul Division	Article	62	Feb	68	2	Kalmbach, Milwaukee, WI
NP 90' Roundhouses	Carter, Clive	Mainline Modeler	2002	Brief Article, 6 photos, 3 general layouts, Table of locations with 90 ft roundhouses, elevations. Keywords roundhouse, plans, Centralia, Parkwater, Pasco	Article		Oct	50	6	Hundeman Publishing
Photograph North Coast Limited approaching Homestake Pass eastbound	Burrows, Roger G., photographer	Mainstreeter	2003	Color North Coast Limited approaching Homestake Pass eastbound, May 17, 1964, Northern Pacific 6512A. Keywords: North Coast Limited, Homestake Pass.	Photo	22	1	1	1	NPRHA
Return of the Magnificent 700	Kuebler, William R., Jr.	Mainstreeter	2003	Complete text of Magnificent 700 article from V. 21 No. 4, to correct printing error in previous issue. Keywords: SP&S 700, Class A-3, Northern, 4-8-4.	Article	22	1	4	2	NPRHA
The Vancouver- Portland Bridges	Masters, Jerry R.	Mainstreeter	2003	History of Columbia River and Willamette River bridges, drawings, maps, photographs of changing out Willamette drawbridge. Keywords: Bridge, Columbia River, Willamette River, drawings, maps.	Article	22	1	6	8	NPRHA
Vancouver Bridge, Washington Channel Crossing, General Elevation and Plan	Northern Pacific Railway	Mainstreeter	2003	Vancouver bridge across the Columbia River Keywords: Bridge, drawing, Vancouver, Columbia River	Drawing	22	1	6	1	NPRHA
Vancouver Bridge, Hayden Island Viaduct, General Elevation and Plan	Northern Pacific Railway	Mainstreeter	2003	Hayden Island viaduct at south end of Vancouver bridge across the Columbia River. Keywords: Bridge, viaduct, drawing, Vancouver, Hayden Island, Columbia River	Drawing	22	1	7	1	NPRHA
Vancouver Bridge, Oregon Slough Crossing, General Elevation and Plan	Northern Pacific Railway	Mainstreeter	2003	Oregon slough crossing for the Vancouver bridge across the Columbia River. Keywords: Bridge, drawing, Vancouver, Oregon Slough, Columbia River	Drawing	22	1	10	1	NPRHA
Willamette Bridge, General Elevation and Plan	Northern Pacific Railway	Mainstreeter	2003	Portland bridge across the Willamette River. Keywords: Bridge, viaduct, drawing, Portland, Willamette River	Drawing	22	1	11	1	NPRHA
A Career on the Northern Pacific	Cain, Robert M., Beach, Philip F.	Mainstreeter	2003	Robert Cain discusses highlights of his career from fireman to engineer on Rocky Mtn. Division and Road Foreman on Tacoma Division and Idaho Division. Seniority dates for people in story. Keywords: Rocky Mountain Division, Tacoma Division, Idaho Division, fireman, engineer, seniority lists.	Article	22	1	15	7	NPRHA
Rocky Mountain Division (map)	Rutherford, Brian L.	Mainstreeter	2003	Map of Rocky Mountain Division	Map	22	1	15	7	NPRHA
Archives Update	Schrenk, Lorenz P.	Mainstreeter	2003	Status report on NPRHA Archives at Jackson Street Roundhouse in St. Paul	Column	22	1	18	1	NPRHA
Northern Pacific Transport	Hawk, Gene collection	Mainstreeter	2003	NP Transport bus-truck T-9 in front of St. Paul's Como Park Pavilion in 1935. Keywords: Northern Pacific Transport, bus-truck.	Photo	22	1	19	1	NPRHA
An Official Web Site for the Association	Tarbox, Gary L.	Mainstreeter	2003	Describes organization of pending NPRHA web site with list of section managers.	Column	22	1	23	1	NPRHA

Modeling the Northern Pacific in the Twenty-First Century	Stinson, Daniel R.	Mainstreeter	2003	HO Scale: Accurail 40 foot wood boxcar, Athearn F9, Athearn F7, Athearn 50 foot single door box Savings Bonds, Athearn wide vision caboose, Athearn 40 foot grain boxcar, Athearn steel caboose, Athearn ice reefer, Athearn 50 foot flat car, Atlas RS-11, Branchline 40 foot steel boxcar, Branchline 40 foot AAR boxcar, Digitalfox 50 foot welded side boxcar, Digitalfox Conditionaire covered hopper, Intermountain center flow hopper, Modelers Choice 50 foot Ply-Pak car, Northstar 8-6-3-1 sleeper, Northstar River series business cars, Overland standard cupola steel caboose, Red Caboose 57 foot mechanical reefer, Riverossi heisler, Sunshine 59500 series gondola, W&R 41 foot outside braced box car, W&R composite gondola, W&R wood chip gondola, W&R sugar beet gondola, W&R 42 foot express reefer, W&R Timken A-1 2626, Walther's Pullman-Standard 4-4-2 sleeper, Walther's Pullman-Standard 6-6-4 sleeper, Walther's Slumbercoach, Kato SD-45, Riverossi passenger cars, U-25C rumors	Column	22	1	24	2	NPRHA
Modeling the Northern Pacific in the Twenty-First Century	Stinson, Daniel R.	Mainstreeter	2003	N Scale: Atlas RS-1, Intermountain FT, Red Caboose PS-2CD three-bay covered hopper, Red Caboose GS gondola with woodchip board extensions, Red Caboose AAR 1937 boxcar	Column	22	1	24	2	NPRHA
Modeling the Northern Pacific in the Twenty-First Century	Stinson, Daniel R.	Mainstreeter	2003	O Scale: MDK/K-Line F7B dummy	Column	22	1	24	2	NPRHA
Modeling the Northern Pacific in the Twenty-First Century	Stinson, Daniel R.	Mainstreeter	2003	Other Scales: LGB steel boxcar	Column	22	1	24	2	NPRHA
Forty-Foot Single-Sheathed box Cars of 1944	Davison, Mike	Mainstreeter	2003	History and photographs of 40-ft single-sheathed war emergency box cars of 1944, Northern Pacific 28000 series, including roster and renumbering information, photographs of cars in service, and showing roof and ends. Keywords: box car, single-sheathed	Article	22	1	26	4	NPRHA
Saving Money on the Mainstreet of the Northwest	Sprau, David T.	Mainstreeter	2003	Experiences working in Northern Pacific Freight House telegraph office, Seattle, including personalities, teletype foibles.	Article	22	1	30	2	NPRHA
Editor's column	Phillips, John A. III	Mainstreeter	2003	Obituaries for Albert Edward Farrow, Don Angle, Duane Douglas "Duke" Tone, notice of article on Yellowstone Surveying Expeditions of 1871, Mann-McCann spreaders, notice of "Get Off and Push " by Thorton Waite, Orchard Supply Calendars with Northern Pacific pictures, Prosper E. Thain,	Column	22	1	31	2	NPRHA
Red River Redux	Lasch, Dale R.	Mainstreeter	2003	Update on current status of Red River Branch	Column	22	1	33	1	NPRHA
Over the Road with Warren McGee	McGee, Warren R.	Mainstreeter	2003	Photograph of Northern Pacific 1798 and Northern Pacific 1734 doubleheading westbound at Jamestown ND on August 5, 1938	Photo	22	1	34	2	NPRHA
Photograph North Coast Limited on Homestake Pass eastbound	Burrows, Roger G., photographer	Mainstreeter	2003	Color Photograph of North Coast Limited on Homestake Pass eastbound, May 17, 1964, Northern Pacific 6512A. Keywords: North Coast Limited, Homestake Pass.	Photo	22	1	36	1	NPRHA
Laurel Roundhouse photograph, 1929	Northern Pacific Railway	Mainstreeter	2003	Joint Facilities book photograph of Laurel,, Montana roundhouse, Minnesota Historical Society file 132.I.8.I(B)	Photo	22	2	1	1	NPRHA
Making The Connections, Handling the complaints	Phillips, John A. III	Mainstreeter	2003	Photographs from Montana Joint Facilities Book for Billings and Laurel,, Montana, 1938-1939 correspondence regarding complicated train coordination between Northern Pacific, Great Northern and Burlington, comparison to UP service from Seattle to Denver, brief biographies of persons writing letters. Keywords: NP, GN, CB&Q, Billings, Montana, Northern Pacific Train 2, Northern Pacific Train 3, biography	Photo	22	2	4	14	NPRHA
Billings depot	Northern Pacific Railway	Mainstreeter	2003	Montana Joint Facilities Book photographs Billings depot	Photo	22	2	4	1	NPRHA
Billings coach yard	Northern Pacific Railway	Mainstreeter	2003	Montana Joint Facilities Book photographs of west end of Billings coach yard, Billings Sugar Refinery track,	Photo	22	2	6	2	NPRHA

Mossmain depot, Laurel Ice House	Northern Pacific Railway	Mainstreeter	2003	Montana Joint Facilities Book photographs of Mossmain, Montana depot, MOW buildings and junction with GN, photo of new Laurel ice house in 1929. keywords: Mossmain, Montana, Laurel, Montana, ice house, GN	Photo	22	2	8	1	NPRHA
Laurel facilities	Northern Pacific Railway	Mainstreeter	2003	Montana Joint Facilities Book photographs of Laurel yard office with old ice house, photo from old ice house toward roundhouse showing interlocking tower, section house, water tanks and coaling facilities by roundhouse Keywords: Laurel, Montana, roundhouse, coal, interlocking, yard office, ice house	Photo	22	2	10	1	NPRHA
Laurel depot	Northern Pacific Railway	Mainstreeter	2003	Montana Joint Facilities Book photograph of Laurel Depot, which appears to be from standard plans of 1890. Keywords: depot, standard plan, Laurel, Montana	Photo	22	2	12	1	NPRHA
Laurel roundhouse panorama	Northern Pacific Railway	Mainstreeter	2003	Montana Joint Facilities Book photograph of Laurel roundhouse and car shops, 1929	Photo	22	2	14	2	NPRHA
Huntley, Montana depot and Laurel car shops	Northern Pacific Railway	Mainstreeter	2003	Montana Joint Facilities Book photograph of Huntley,, Montana depot and junction with CB&Q, depot appears to be from standard plans of 1900, photograph of Laurel car shops, 1929. Keywords: Huntley, Montana, depot, standard plan, Laurel, Montana, car shop	Photo	22	2	16	1	NPRHA
nprha.org - Your Source for All Things NP	Horne, Robert B.	Mainstreeter	2003	Description of program to implement a comprehensive NPRHA web site	Column	22	2	18	1	NPRHA
Northern Pacific Archives	Schrenk, Lorenz P.	Mainstreeter	2003	Latest progress at NPRHA Archives project, Jackson Street Roundhouse in St. Paul.	Column	22	2	19	2	NPRHA
NP 335, 4-4-0	Iles, C. R.	Mainstreeter	2003	Class E-3 ten wheeler, full side view of left side, dated June 25, 1916, location unknown. Keywords Class E-3, ten wheeler, 4-6-0.	Photo	22	2	20	1	NPRHA
Yellowstone Division (map)	Rutherford, Brian L.	Mainstreeter	2003	Map of Yellowstone Division, 2-page foldout following page 20	Map	22	2	20.1	2	NPRHA
Possible Relocation of Northern Pacific Railway at Billings, Montana	Northern Pacific Railway	Mainstreeter	2003	4 page centerfold map of proposed facilities relocation in Billings,, Montana dated Feb. 1, 1962, following page 20	Map	22	2	20.2	4	NPRHA
Laurel, Montana (map)	Northern Pacific Railway	Mainstreeter	2003	Map of facilities at Laurel, Montana, 2-page foldout preceding Page 21, dated 7-22-53. Shows roundhouse and associated facilities, car shops, and part of yard.	Map	22	2	20.3	2	NPRHA
End of the Line for the End of the Prairie Line	Berntsen, Edward M.	Mainstreeter	2003	Circumstances associated with the last train through downtown Tacoma on the Prairie Line, on January 31, 2003. Track from Half Moon Yard up the hill to Nalley Valley. Sound Transit purchased 2.1 miles of track.	Article	22	2	21	1	NPRHA
Prairie Line A-Gone-Gone – “We have located \$2 Million on Commencement Bay	Fredrickson, James M.	Mainstreeter	2003	Famous Jim Fredrickson photo of Northern Pacific 1706 crossing Pacific Avenue with at troop extra. Published to commemorate end of service at that grade crossing. Keywords: Tacoma WA, Prairie Line, Class W-3, Mikado, 2-8-2	Photo	22	2	21	1	NPRHA
The 1906 Reunion: Thomas L. Rosser and the Northern Pacific Pioneers of 1873	Lubetkin, M. John	Mainstreeter	2003	Story of 1906 reunion of participants in the Yellowstone Surveying Expeditions of 1871-1873, which was led by Thomas L. Rosser. Keywords: Yellowstone, survey, Rosser, Custer	Article	22	2	22	5	NPRHA
Albert Farrow (memorial)	Tarbox, Gary L.	Mainstreeter	2003	Memorial to Albert Farrow, 1914-2003. Featuring a selection of his photographs, including Casey Jones excursions with Northern Pacific 1776 and Northern Pacific 2626, FTs at Easton, wreck of Northern Pacific 4015 at Ellensburg in 1941, Northern Pacific 1070 at King Street in 1938	Article	22	2	27	7	NPRHA
FTs Until the End of Time	Eckes, Ed; Burch, Harold L.	Mainstreeter	2003	Form 638D, Report of Condition of diesel-Electric Locomotives, Tacoma Division, December-January-February 1968-1969. Status of FT diesels in early 1969. Keywords: FT, roster, diesel, disposition	Table	22	2	32	1	NPRHA
Modeling News	Stinson, Daniel R.	Mainstreeter	2003	New products, HO Scale: Bowser 100-ton hoppers; Athearn F-7 in Pine Tree or Butterknife scheme; Athearn f-9 rerun in Loewy scheme; Atlas RS-11, Atlas PS-2 covered hopper; Bachmann SD-45; Brass Car Sides water baggage; Brass Car Sides 5-ft and 7-ft baggage doors; Broadway Limited SW-7; Mantua Pacific; MDC 40-ft AAR box cars; Modeler's Choice 50-ft Ply-Pak; Walthers Pullman-Standard 6-6-4 sleepers, 4-4-2 sleepers	Column	22	2	34	2	NPRHA

Modeling News	Stinson, Daniel R.	Mainstreeter	2003	New products, N Scale: Atlas RS-1, Atlas PS-2 covered hopper; Brass Car Sides water baggage; Con-Cor SP GS-4 painted for NP; Red Caboose covered hoppers, GS gondola, AAR 1937 box; Yesteryear Models 40-ft box	Column	22	2	34	2	NPRHA
Modeling News	Stinson, Daniel R.	Mainstreeter	2003	New products, Large Scale: Aristo-Craft 40-foot steel box car	Column	22	2	34	2	NPRHA
Modeling News	Stinson, Daniel R.	Mainstreeter	2003	Modeling an Era.	Column	22	2	34	2	NPRHA
Editor's Column (letters)	Phillips, John A. III	Mainstreeter	2003	Editor's Column: Sugar Beet traffic research by Blair Kooistra; Seattle Belt Line by Kirk Armbruster; Corrections regarding McGee photograph in last issue and 52-mile straight stretch from Fargo to Wheatland by Bill Kuebler, New industry for Grays Harbor by Robert Scott, information request by Dennis Hitt, RDCs on NP/SP&S line from Portland to Astoria by Mark Meyer and Chuck Hatler, Rehab of Northern Pacific 1356 in Missoula by Missoulain, Meeker Southern by Kirk Armbruster, Prosper Eugene Thain by Bill Bursack, Log train at Ashland WI by Kurt Larson	Column	22	2	36	2	NPRHA
Over The Road with Warren McGee	McGee, Warren R.	Mainstreeter	2003	Photograph of Northern Pacific 5121 Class Z-7 4-6-6-4 pulling her first train out of Laurel Yard on November 20, 1941, with list of crew members and observations of performance and cost of engine, new and for scrap.	Photo	22	2	38	2	NPRHA
Standard Plan of Double and Single Tool House	Northern Pacific Railway	Mainstreeter	2003	Drawing of 1905 Standard Plan for tool house	Drawing	22	2	40	1	NPRHA
Gloster, MN	Mahre, Marvin A	The SOO	2003	Profile of a junction point between the Northern Pacific Railway and the Soo on the north side of St Paul, with operating details, anecdotes and incidents, including a 1947 wreck. Keywords: Skally, Gloster, Stillwater,	Article	23	2	29	7	Soo Line Historical and Technical
Gloster, MN	Mahre, Marvin A	The SOO	2003	Profile of a junction point between the Northern Pacific and the Soo on the north side of St Paul, with operating details, anecdotes and incidents, including a 1947 wreck. Keywords: Skally, Gloster, Stillwater,	Article	23	2	29	7	Soo Line Historical and Technical
AAR 40-foot boxcar: HO Scale	Riddell, John	Railroad Model Craftsman	2003	Product review of HO Scale AAR 40-foot boxcar by Branchline Trains, illustrated example is Northern Pacific 29968 built by American Car and Foundry in 1946.	Column	12	3	102	3	Carstens Publications, Inc., Newton, NJ
NP 2626 front end view in color	Wenzel, Robert	Mainstreeter	2003	Front cover photograph of Northern Pacific 2626 smokebox in color, Portland OR, February 15, 1956	Photo	22	3	1	1	NPRHA
John Fery	Power, T. Michael, Clark, R. Milton	Mainstreeter	2003	Article about John Fery painting of Bridge 36, painting of Northern Pacific 2607 on Bridge 36, extended caption about John Fery and the painting, 3 drawings and 2 photographs related to Bridge 36, Belknap, Montana,	Article	22	3	4	6	NPRHA
Painting of NP 2607 at Bridge 36 on Clark Fork River by John Fery	Fery, John, Power, T. Michael (photographer)	Mainstreeter	2003	Color photograph of painting by John Fery (1859-1934) showing Northern Pacific 2607 pulling passenger train across Bridge 36 on Clark Fork River, Montana; only known painting by Fery of Northern Pacific subject.	Photo	22	3	4	2	NPRHA
Bridge 36 drawings	Northern Pacific Railway	Mainstreeter	2003	Drawings related to Bridge 36 at Belknap,, Montana and the 1948 replacement, showing old and new bridge arrangements in profile and map view, one map showing approximate location from which Fery painted the picture.	Drawing	22	3	6	4	NPRHA
Construction Engines	Hitt, Dennis	Mainstreeter	2003	Known history of the first 4 Northern Pacific Railroad construction engines built by Smith and Porter in 1870, describing history of assignments during construction and afterwards, including known disposition information. Minnetonka, Itasca, St Cloud, Ottertail.	Article	22	3	10	4	NPRHA
Family Album: Minnetonka	Not identified	Mainstreeter	2003	Six photographs of restored Minnetonka, including 2 alongside Class A-2 Northern Pacific 2650 and Z-5 Northern Pacific 5008, views of left, right sides and boiler backhead.	Photo	22	3	14	4	NPRHA
Lake Superior Railroad Museum	Lake Superior Railroad Museum staff	Mainstreeter	2003	Description of Northern Pacific Railroad and Northern Pacific Railway equipment at Lake Superior Railroad Museum in Duluth MN, including Minnetonka, caboose 1311, Russell Plow 19, Steam Rotary 2, steam wrecker 38, Northern Pacific 2435 Class T-1 Prairie 2-6-2, Railway Post Office Car 1447, sleeper/observation car 390, notes about Dave Carlson Fund. William A. Crooks.	Article	22	3	18	2	NPRHA

General Plan of Green River Viaduct	Northern Pacific Railway	Mainstreeter	2003	Centerfold drawing titled "Change of Line – Easton to Lester; Gen. Plan-Green Riv. Viaduct D.T." drawing 782-18, dated 1914, showing profile of viaduct with elevations of piers as constructed	Drawing	22	3	20	2	NPRHA
Some Views of Stampede Pass	Phillips, John A. III	Mainstreeter	2003	Construction of the Green River Viaduct and elimination of the Weston Loop; sidebars about the Viaduct, Thomas Henry Croswell, William C. Albee, change of motive power from Class Z to Class Z-3; table of train movements over Stampede Pass in 1906, map of line relocation, table of stations in 1899, cost estimate for line change from Easton to Lester	Article	22	3	22	9	NPRHA
Thomas Henry Croswell	Sprau, David T.	Mainstreeter	2003	Biographic sketch of Thomas Henry Croswell, who was district engineer to plan the track relocation associated with the Green River viaduct	Sidebar	22	3	25	1	NPRHA
Albee, Tacoma's Finest	Phillips, John A. III	Mainstreeter	2003	Biographic sketch of William C. Albee, who was division superintendent in Tacoma from 1903 to 1925,	Sidebar	22	3	26	2	NPRHA
From Z to Z-3	Phillips, John A. III	Mainstreeter	2003	Account with 2 photographs of development of mallet locomotives used by the Northern Pacific, with developments from Class Z 2-6-6-2 locomotive of 1907 to Class Z-3 2-8-8-2 locomotives of 1913 and later, including substantial reprint of article from Railway Age Gazette, August 29, 1913, pp 337-8	Sidebar	22	3	28	2	NPRHA
Will the Real Laurel Roundhouse Please Stand Up	Leach, Rick; Hammerstrom, Karl; Green, Richard; Phillips, John A. III; Schrenk, Lorenz P.	Mainstreeter	2003	Series of letters, with 2 photographs of Laurel Depot and roundhouse; Letters note that the photo on cover of Mainstreeter Vol. 22 No. 2 was the Billings roundhouse rather than the Laurel roundhouse; comments on the Laurel coal docks; comments on AFE numbering policy.	Column	22	3	31	1	NPRHA
President's Column	Horne, Robert B.	Mainstreeter	2003	President's comments on Billings convention, NPRHA website, introduction of new directors Jack Christenson, Matt Herson, John Lubetkin, and Ed Ursem.	Column	22	3	32	1	NPRHA
Archives	Schrenk, Lorenz P.	Mainstreeter	2003	Progress report on the archives at the Jackson Street Roundhouse	Column	22	3	33	1	NPRHA
Standard Plan of Track Tools, Two Wheel Hand Truck with Collapsible Nose Rack	Northern Pacific Railway	Mainstreeter	2003	Standard plan drawing of two-wheel hand truck with collapsible nose rack, drawing TT-70, dated September 18, 1923	Drawing	22	3	33	1	NPRHA
Pasco, July 14-18, 2004	Beach, Phillip F.	Mainstreeter	2003	Plans for pending 2004 convention in Pasco WA	Column	22	3	34	1	NPRHA
Modeling News	Stinson, Daniel R.	Mainstreeter	2003	Modeling committee has been formed, notes from Jared Harper on modeling cattle, Billings model contest winners; Athearn HO scale 57-ft mechanical reefers, 50-ft boxcar with Youngstown steel door, passenger cars in apparently accurate Pine Tree green paint; Atlas HO scale 70-ton Hart ballast cars; BSE Products stainless steel grills for F unit sides; Aaron Gjermundson resin stock car kit for 83750-83999 series, 52-ft flat car for 64000-64195 series; Marklin UP class H-70-1 open hoppers are very close to 71000-71499 series Northern Pacific Railway hoppers later renumbered to 72000-72099 series; Modelers Choice laser cut wood decks for HO scale gondolas and flat cars; NPRHA Company Store convention cars – HO Scale Branchline 50-ft single door box cars of 31000-31499 series in five numbers, with 1957 Vista Dome North Coast Limited paint scheme; Life-Like/Proto2000 Alco RS-11 in HO scale; Stewart Hobbies HO Scale Baldwin VO-660, phase II, Northern Pacific 129 and Northern Pacific 130; Sunshine Models HO Northern Pacific 28000 series Pullman/Pressed Steel war emergency box cars, announced future runs of 14500 series single sheathed box car, 10000-14499 series double sheathed box car, mini-kits for converting Kato covered hoppers, conversion kit for Atlas and Athearn 2-bay open hoppers; Walther's Pullman-Standard 10-5 sleeper, 52-seat coach, in Northern Pacific paint – first is Santa Fe prototype, second is C&O prototype.	Column	22	3	35	3	NPRHA
Over the Road with Warren McGee	McGee, Warren R.	Mainstreeter	2003	2-page spread photograph of Northern Pacific 2670 class A-4 Northern and business car 7 at Laurel, Montana on October 6, 1941	Photo	22	3	38	2	NPRHA
NP 2626 left side view in color	Wenzel, Fred	Mainstreeter	2003	Back cover photograph of Northern Pacific 2626 in color, ¾ view of front and left side, at Seattle on February 15, 1956	Photo	22	3	40	1	NPRHA

Warren McGee's Montana	Gruber, John	Classic Trains	2003	Retrospective of Warren McGee's railroad and photographic career, including 8 selected photographs of Northern Pacific Railway, Great Northern and Milwaukee topics; Z-6, Z-8, Livingston Shops. MILW, GN, Fast Mail, Empire Builder, Columbian, Olympian	Article	2003	Fall	38	8	Kalmbach, Milwaukee, WI
Essential Freight Cars: 4; NP's 10000-series double sheathed boxcars	Culotta, Ted	Railroad Model Craftsman	2003	Prototype and model information for Northern Pacific double-sheathed wood boxcars, constructed 1923 to 1932, series 10000 through 14999, roster with notes on car ends, construction notes for Sunshine Models HO kit, 3 prototype photos, 5 model photos showing details, sidebar on grab irons, painting, lettering. Resin kit	Article	2003	July	86	5	Carstens Publications, Inc., Newton, NJ
The Most Gorgeous Train You Ever Saw	Hansen, Peter A.	Dream Trains	2003	History of the modernized North Coast Limited, with 12 pictures, reviewing economics, esthetics, business decisions, proposed alternative train names (like the General Custer, uff-da), including conversion to lightweight cars, Raymond Loewy makeover, Traveler's Rest, Loewy paint scheme, Vista-Dome, stewardess-nurse, Slumbercoach, Robert McFarlane, North Coast Hiawatha.	Article	2003	Special	24	12	Kalmbach, Milwaukee, WI
From 4-8-4's to F9's	Kuebler, William R., Jr.	Dream Trains	2003	Sidebar summary of North Coast Limited motive power from 1940s to Amtrak, including typical steam assignments before 1947, diesel assignments after 1947, sixteen-day diesel operating cycle, paint schemes. 4-8-4, 4-6-2, Northern, Pacific, F3, F7, F9, Pine Tree, Loewy.	Sidebar	2003	Special	31	1	Kalmbach, Milwaukee, WI
Trying to Catch a Break with Braking	Kuebler, William R., Jr.	Dream Trains	2003	Sidebar summary of electro-pneumatic braking in the North Coast Limited	Sidebar	2003	Special	32	1	Kalmbach, Milwaukee, WI
Burlington Northern Adventures	Brotherton, William J.	Book	2004	Burlington Northern Adventures relate the personal experiences of the author, William J. Brotherton, who went 'railroading' as a brakeman, conductor and trainmaster for the Burlington Northern Railroad system during the 1979-1982 period. Through his many interesting short stories, Brotherton illustrates what it was like to work for a major railroad company before branch lines, vintage Diesel locomotives and cabooses were phased out. His accounts, many of which were on Northern Pacific lines, show what has changed within the railroad industry since then-and what has not. Go to http://www.bnrailstories.com for additional information.	Book					William J. Brotherton, 2100 FM 407 #201, Highland Village, Texas 75077
NP 6702C and Train 1 rounding curve at west end of Valley City High Bridge	Stark, Joseph	Mainstreeter	2004	Color front cover photo of Northern Pacific 6702C rounding curve at west end of Valley City High Bridge, Bridge 64, on Sept 27, 1964. Train 1, Mainstreeter	Photo	23	1	1	1	NPRHA
A Big Cut, Double-Track, and A High Bridge, Rewriting the Fargo Division's First Sub-division	Masters, Jerry R., Phillips, John A. III	Mainstreeter	2004	History of construction of the Valley City High Bridge in North Dakota, grade revision studies by Kendrick and Darling, alternate routings for line at Valley City, authorization and construction. Bibliographic sketches for John William Kendrick, William Lafayette Darling, Charles Sanger Mellen, and Howard Elliot, 7 pictures related to Valley City High Bridge, 2 pictures of Jamestown. Bridge 64, Fargo Division, Dakota Division.	Article	23	1	4	13	NPRHA
Twenty-four Hours at Jamestown; Sunday, April 6, 1969	Eisfeller, Richard	Mainstreeter	2004	Synopsis of trains at Jamestown ND on April 6, 1969, with brief summary of earlier service, description of 18 trains on that date, 4 pictures.	Article	23	1	14	6	NPRHA
Valley City High Bridge	Northern Pacific Railway	Mainstreeter	2004	Centerfold drawing of General Plan of Valley City Viaduct, Dakota Division, 1st District, dated February 18, 1907	Drawing	23	1	20	2	NPRHA
From the Archives	Dick, James C.	Mainstreeter	2004	List of structures found on the Camas Prairie Railroad from the 1926 ICC Valuation inventory, listing all railroad structures at Lewiston, Myrtle, Fir Bluff, Agatha, Lenore, Peck, Ahsahka, Orofino, Greer, Pardee, Kamiah, Stites, Fort Lapwai, Sweetwater, Bundy, Jaques, Culdesac, Nucrag, Reubens, Craigmont, Ferdinand, Cottonwood, and Grangeville. NPRHA Archives, Jackson Street Roundhouse	Column	23	1	22	2	NPRHA
Modeling	Stinson, Daniel R.	Mainstreeter	2004	Memorial to R. P. Ellis and his ability to create effective people scenes on his model railroad.	Column	23	1	23	3	NPRHA
From the Editor	Phillips, John A. III	Mainstreeter	2004	Memorial for John Jesse Ackley; silver thaws and dispatching in the Cascades, Camas Prairie Railroad to be taken over by Watco Companies, Inc.; Memorandum from Ralph Modjeski to Edward Pearson in 1903 regarding Marent trestle; Jerry Masters has received a Hill Research Grant for his research project on the Railroad Wars of the Lower Snake River Country; Notes on March 2004 train traffic across Stampede Pass	Column	23	1	26	4	NPRHA

Jamestown, North Dakota, Part One	Williams, Glenn J., Kuebler, William R., Jr.	Mainstreeter	2004	Photo essay about Jamestown ND in the early 1960s, featuring 8 photos by Glenn Williams and commentary by Bill Kuebler based on discussion of the photos with veterans from Jamestown and Dilworth.	Article	23	1	30	10	NPRHA
Bridge 64, General Plan (Rebuild East Approach)	Burlington Northern Railroad	Mainstreeter	2004	Back cover drawing of December, 1981 plan to rebuild east approach to Bridge 64 at Valley City, ND	Drawing	23	1	40	1	NPRHA
Pasco Yard Tower	Muehlius, Gary	Mainstreeter	2004	Front cover color photo of Pasco WA yard tower, 7/17/1988	Photo	23	2	1	1	NPRHA
Cartoon of Pasco and its relationship to the northwest	Rental, E.	Mainstreeter	2004	Inside front cover reproduction of cartoon from June 19, 1955 special commemorative edition of the Tri-City Herald commemorating the opening of the Pasco Classification Yard on June 15, 1955	Drawing	23	2	2	1	NPRHA
From the President, and Voyage of the Corps of Discovery and the NP – Part 3	Horne, Robert B.	Mainstreeter	2004	President's column; notes on change of editorship of The Mainstreeter, with thank you to outgoing editor John Phillips. Also a brief note that it is exactly 200 years from the date the Lewis and Clark Expedition was fully assembled to begin its exploration into Northern Pacific Railway territory	Column	23	2	4	1	NPRHA
Timothy O. Repp Biography	Repp, Timothy O.	Mainstreeter	2004	Biography of incoming Mainstreeter editor Timothy Repp.	Column	23	2	4	1	NPRHA
Pasco Classification Yard	Tarbox, Gary L.	Mainstreeter	2004	History of construction of the Pasco Classification Yard, reasons why it was built at Pasco, construction in 1955, subsequent upgrades, operation patterns, retarder control, communications, other facilities at Pasco WA, biographies of Joseph W. Darby and Robert A. Robey, who were instrumental in the construction.	Article	23	2	5	13	NPRHA
Diagram of Pasco Classification Yard	Northern Pacific Railway	Mainstreeter	2004	Diagram of the Pasco Classification Yard layout when finished in 1955	Drawing	23	2	9	1	NPRHA
Diagram of Pasco engine facilities	Northern Pacific Railway	Mainstreeter	2004	Centerfold track and structure diagram of Pasco roundhouse, car shop, and other facilities located in the wye at Pasco WA, dated 7-22-53	Drawing	23	2	18	2	NPRHA
The Rest of the Story: A Broken Wheel	Hove, Glenn W.	Mainstreeter	2004	Recollection of fireman who was on a 4-unit diesel that broke a wheel while crossing the Valley City High Bridge, Valley City ND, Glen reviewed his duty records to deduce that the event was probably on March 23, 1956; photo of freight train on Valley City High Bridge.	Article	23	2	20	2	NPRHA
Jamestown, North Dakota	Williams, Glenn J., Kuebler, William R., Jr.	Mainstreeter	2004	Photos by Glenn Williams and commentary by Bill Kuebler regarding Jamestown ND in the early 1960s; Kuebler's comments are based on sharing the pictures with Northern Pacific Railway veterans at Jamestown ND and Dilworth MN; GP-7 Northern Pacific 344 on turntable; Several photos of local mixed trains with GP-9 Northern Pacific 261; eastbound freight meeting westbound Train 1 at Jamestown depot; Train 2 flying through Jamestown yard for a classic Northern Pacific rapid stop at the depot;	Article	23	2	22	8	NPRHA
From the Archives	Dick, James C.	Mainstreeter	2004	Notes on Conductor's cap and grip recently donated to the archives. The grip is stocked for use by a passenger conductor in about 1965. They were apparently used by L. A. Krogh, and were donated by Chuck LaVallee.	Column	23	2	30	1	NPRHA
Bibliography	Reese, Craig D.	Mainstreeter	2004	Bibliographic summary of three publications involving the Northern Pacific Railway; Roundhouse Days: Northern Pacific Railway and Building the Auburn Yard, 1910-1913, by John Phillips, in the White River Journal, April 2004; Empire of Shadows: History of the Northern Coast Timber Company, by J. Clar McAbee, in Tall Timber Short Lines, Issue 74, Spring 2004; Red Lodge and the Mythic West: Coal Miners to Cowboys, by Bonnie Christensen, University Press of Kansas.	Column	23	2	30	1	NPRHA
Modeling News	Stinson, Daniel R.	Mainstreeter	2004	N Scale: Intermountain FT A-B set in Northern Pacific Railway black and red; Microtrains FT A-B set in black and gold pine tree paint	Column	23	2	31	2	NPRHA

Modeling News	Stinson, Daniel R.	Mainstreeter	2004	HO Scale: Athearn 57-foot mechanical reefer is appropriate for NPM 1600-1649 delivered in 1969; Athearn Genesis F-9 A and B units, pending 50-foot reefer, stock car, wide vision caboose in Northern Pacific Railway paint schemes; Atlas S-4 switcher as Northern Pacific 713 and Northern Pacific 718, standard cupola cabooses in Northern Pacific 1110 and Northern Pacific 1118; Funaro and Camerlingo are planning on Northern Pacific 8000-8199 series box cars of 1929; Intermountain F-3 A and B diesels expected soon; Life Like Proto 2000 GP-9 in four Northern Pacific numbers; Modeler's Choice HO Ply-Pak 50-foot double door box cars; Plano Model Products etched roof walks for PSSS-2 covered hoppers; Classic Metal Works trucks for International 1950s flatbed.	Column	23	2	31	2	NPRHA
Using the Archives: Northern Pacific Automobile Car, Series 4700-4999	Schrenk, Lorenz P.	Mainstreeter	2004	Presentation of material available at the Jackson Street Roundhouse NPRHA archives for the Northern Pacific 4700-4999 series 50-foot 6-inch automobile box cars of 1929, including 6 photographs and an equipment diagram, as well as a discussion of the class history.	Article	23	2	33	3	NPRHA
Diagram 20 for 50-ft 6-in auto cars	Northern Pacific Railway	Mainstreeter	2004	Equipment diagram for 50-ft 6-in automobile box cars built by Pacific Car and Foundry in 1929; Diagram 20	Drawing	23	2	34	1	NPRHA
Class Z-8 NP 5138 crossing trestle at Granite ID	Nixon, Ronald V.	Mainstreeter	2004	Back cover photo of Northern Pacific 5138 crossing the Granite ID trestle hauling Extra 5138 East on June 26, 1953	Photo	23	2	36	1	NPRHA
Foley Brothers excavator No. 351	Dean	Mainstreeter	2004	Excavator No. 351 is shown hard at work in the coal strip mine at Colstrip, Montana.	Photo	23	3	1	1	NPRHA
From The President	Horne, Robert B.	Mainstreeter	2004	Bob reviews the 2004 NPRHA Pasco Convention.	Column	23	3	2	2	NPRHA
Voyage of the Corps of Discovery – Part 4	Horne, Robert B.	Mainstreeter	2004	Following the account of the Lewis & Clark Expedition in 1804.	Column	23	3	3	1	NPRHA
Decision at Colstrip	Evans, William B.; Peterson, Robert L.	Mainstreeter	2004	Details the development history of the NP's open-pit mining operations at Colstrip,, Montana. The Northern Pacific switched from Red Lodge to Rosebud coal to expand its fuel sources and lower its costs.	Article	23	3	4	10	NPRHA
US President Wilson rides the NP	Hobbs, Paul	Mainstreeter	2004	In September 1919, President Wilson embarked on a 28-day train trip around the nation. It included 5-days spent on the NP.	Article	23	3	14	6	NPRHA
Walking the NP, Auburn to Cle Elum	Longwill, William K.	Mainstreeter	2004	This article describes hiking the 78 miles along the NP's 1st subdivision route from Auburn to Cle Elum, WA. The route was completed in several increments in the early 1990s.	Article	23	3	20	4	NPRHA
You're Not Going To Believe This Officer, But...	Kuebler, William R., Jr.	Mainstreeter	2004	Bill describes Runyon Peterson's habit of giving cab rides to young boys from the area and the jokes he played on officials and motorists from the area.	Article	23	3	24	3	NPRHA
Modeling News	Stinson, Daniel R.	Mainstreeter	2004	Reviews of new model railroad products with Northern Pacific theme.	Column	23	3	26	2	NPRHA
Upgrading Red Caboose's Wood Reefer	Coster, Davis S.	Mainstreeter	2004	Dave describes how to modify Red Caboose's wood reefer kit to match the Northern Pacific RS series (90000-90999) prototype freight cars.	Article	23	3	28	4	NPRHA
Pasco Convention Model Contest Winners	Ursem, Edward	Mainstreeter	2004	Provides photos and descriptions of the winning models in each category from the Model Contest at the 2004 Pasco Convention.	Article	23	3	32	2	NPRHA
From the Archives	Dick, James C.	Mainstreeter	2004	Jim discusses letters from the collection of the NPRHA archive at Jackson Street Roundhouse in St. Paul, MN.	Column	23	3	34	1	NPRHA
Web Site News	Tarbox, Gary L.	Mainstreeter	2004	Reviews some of the recent materials added to www.NPRHA.org.	Column	23	3	35	1	NPRHA
View of the Green River Viaduct	Repp, Timothy O.	Mainstreeter	2004	A worm's eye view of the Green River viaduct near Kennedy on the Stampede Pass line.	Photo	23	3	36	1	NPRHA
Sheets of ice drip from the Richardton ND water tank	Luke, Maurice	Mainstreeter	2004	Front cover color photo of ice dripping from Richardton ND water tank circa 1970	Photo	22	4	1	1	NPRHA
Ice dripping from the Richardton ND Water tank	Luke, Maurice	Mainstreeter	2004	Inside front cover black and white photo of ice dripping from Richardton ND water tank circa 1970	Photo	22	4	2	1	NPRHA
Magnificent Marent	Phillips, John A. III	Mainstreeter	2004	Feature article on Marent, Montana viaduct featuring reprints of technical journal articles contemporary with the original wood and iron viaducts, compiled technical facts about the viaduct, biographical sketches of Sampson D. Mason and George Shattuck Morison; 6 photographs including three colorized post cards	Article	22	4	4	8	NPRHA
Building the Original Trestle	Not identified	Mainstreeter	2004	Reprint from "The Marent Gulch Trestle", Scientific American, December 29, 1883, P. 1; with F. Jay Haynes photograph, and color postcard showing iron trestle circa 1906; describing construction of the original wooden trestle	Article	22	4	4	2	NPRHA

History of Marent Viaduct	Mason, Sampson D.	Mainstreeter	2004	Reprint from "History of a High Viaduct", Journal of the Association of Engineering Societies, April 1889, pp. 173-183; gives history of locating the viaduct, and constructing the original wooden structure.	Article	22	4	7	1	NPRHA
Building the Iron Marent Viaduct	Morison, George S.	Mainstreeter	2004	Reprint from "The Marent Gulch Viaduct", ASCE Transactions, Vol XXV Sept 1891, P. 305-318; describes construction of the iron viaduct that replaced the wooden viaduct in 1884-1885, including detailed descriptions of the components, and process of building the iron viaduct around the wooden viaduct.	Article	22	4	9	2	NPRHA
Dining Car China by the Mile	Taylor, William, Taylor, Jan	Mainstreeter	2004	Reprint of an article originally published in the Summer 1995 issue of "The Railroadiana Express", updated for publication in The Mainstreeter; describes assembling collection of Northern Pacific Railroad and Northern Pacific Railway china from broken pieces discarded along the right-of-way; Patterns: white Syracuse ware pattern; Blue Willow pattern; Butte pattern; Garnet pattern; Stampede pattern; Northwest pattern; Yellowstone pattern; Monad pattern; miscellaneous pieces like glassware and Hall teapots	Article	22	4	12	8	NPRHA
Marent Viaduct, General Elevation and Plan	Northern Pacific Railway	Mainstreeter	2004	Centerfold drawing of the iron Marent Viaduct, giving general elevation and plan views, undated, redrawn by Dennis Aust	Drawing	22	4	20	2	NPRHA
Northern Pacific Archives	Schrenk, Lorenz P.	Mainstreeter	2004	Notes on progress with the NPRHA Archives at the Jackson Street Roundhouse in St Paul MN, and responses to inquiries; Archive cataloging sessions are Tuesday evenings from 6:30 to 9:30; recent donations include numerous builder's photos from BNSF covering several predecessor roads, Barry Donahue map collection, Chuck Lavalley collection of employee timetables, menus, maps, brochures; directions on how to prepare a research request; triangle room renovations; recent Minnesota Transportation Museum events; NPRHA Archive management responsibility shift from Larry Schrenk to Jim Dick; Inquiry regarding McHenry ND caboose with response including relevant roster information; Montana Union corporate history; Class S-4 information, particularly Northern Pacific 1382; Ellensburg WA Depot information	Column	22	4	22	2	NPRHA
Water for Richardton	Dick, James C.	Mainstreeter	2004	History of water tanks in Richardton ND, including negotiation of joint use with City of Richardton and eventual sale to City; notes on relocating various facilities including moving steel coal dock at Beach ND to Forsyth, Montana, steel coal dock at Dickinson ND to Billings, Montana and replacement with Red Devil coal loader at Dickinson; with drawings of water tanks and table of railroad facilities in Richardton ND	Article	22	4	24	4	NPRHA
Standard Plan of Water Tank, 48,000 gallon capacity	Northern Pacific Railway	Mainstreeter	2004	Standard Plan drawing of 48,000 gallon water tank with regular height tank frame; Standard Plan S-37-3 dated November 13, 1900 and updated through 1905	Drawing	22	4	24	1	NPRHA
Standard Plan of High Tank Frame for 48,000 gallon Water Tank	Northern Pacific Railway	Mainstreeter	2004	Standard Plan drawing of high tank frame for 48,000 gallon water tank; Standard Plan S-37-13 dated July 31, 1901 and updated through 1905	Drawing	22	4	25	1	NPRHA
Standard Plan of Water Tank, 100,000 gallon capacity	Northern Pacific Railway	Mainstreeter	2004	Standard Plan drawing of 100,000 gallon water tank with high tank frame; Standard Plan S-37-15 dated May 23, 1900 and updated through 1906	Drawing	22	4	26	2	NPRHA
"www.nprha.org"	Reese, Craig D.	Mainstreeter	2004	Notes on new addition to NPRHA website, and annotated bibliography of recent Northern Pacific Railway-related books and articles	Column	22	4	28	1	NPRHA
The Mainstreeter. Volume 22 Index	Phillips, John A. III	Mainstreeter	2004	Index to Volume 22 of The Mainstreeter	Column	22	4	29	1	NPRHA
Modeling News	Stinson, Daniel R.	Mainstreeter	2004	Solicitation for models for the Pasco convention, including a table for non-contest display models,	Column	22	4	30	2	NPRHA

Modeling News	Stinson, Daniel R.	Mainstreeter	2004	N Scale: Atlas 40-foot plug door box car in green, yellow and white, and 50-foot staggered double door box car in box car red and white; American Model Builders is soliciting interest for a Lester-style Class C two-story depots in N; MDC old-time three-window caboose in Northern Pacific mineral brown, and 36-foot old time truss rod reefer in Northern Pacific yellow-black-white paint, (neither is a Northern Pacific prototype); Robert Ray wood laser-cut 24-foot wood cabooses, kits for 1200 and 1700 series, available from three listed hobby shops only;	Column	22	4	30	2	NPRHA
Modeling News	Stinson, Daniel R.	Mainstreeter	2004	HO Scale: Gjermundson stock cars are delayed due to technical problems; Accurail 40-foot single-door and double-door boxcars in mineral red; Athearn production schedule for F9 and F3 Genesis diesels; Atlas Hart ballast cars are out of stock, and NPRHA will run a limited edition of 5 new numbers to be available at the Pasco convention; American Model Builders is soliciting interest for a Lester-style Class C two-story depots in HO; Kadee Pullman Standard 2003 cubic foot covered hopper, Probably will include some in Northern Pacific paint; MDC 40-foot AAR boxcar with molded-on Superior door from new tooling, 50-foot steel plug-door boxcar in green with yellow stripe scheme; Modeler's Choice 50-foot double door Ply-Pak box cars delayed due to decals; Rivarossi has announced a series of 60-foot heavyweight coaches (baggage, RPO, coach, combine) and will offer them in Northern Pacific paint (not Northern Pacific prototypes, but closer than Athearn heavyweights); Robert Ray wood laser-cut 24-foot wood cabooses, kits for 1200 and 1700 series, available from three listed hobby shops only; Trix Pressed Steel 3-Bay open hopper for Northern Pacific 71000-71499 series; Walther's Pullman Standard 52-seat coach (C&O prototype, but similar to Northern Pacific 56-seat Day/Night coaches).	Column	22	4	30	2	NPRHA
Modeling News	Stinson, Daniel R.	Mainstreeter	2004	O Scale: Chooch offers a 40-foot single sheathed boxcar and a 40-foot steel/wood sheathed boxcar; MDK K-Line 2-bay centerflow covered hopper in fantasy Loewy green paint	Column	22	4	30	2	NPRHA
Modeling News	Stinson, Daniel R.	Mainstreeter	2004	S Scale: MDK K-Line three-dome tank car in fantasy Loewy green paint	Column	22	4	30	2	NPRHA
Modeling News	Stinson, Daniel R.	Mainstreeter	2004	Z Scale: Robert Ray wood laser-cut 24-foot wood cabooses, kits for 1200 and 1700 series, available from three listed hobby shops only;	Column	22	4	30	2	NPRHA
President's Column	Horne, Robert B.	Mainstreeter	2004	Notes on dues changes, and creation of several levels of sustaining membership dues, plus a special 1883 Society for substantial contributors; convention schedule through 2006; notes on re-enactors for the Lewis and Clark expedition bicentennial	Column	22	4	32	1	NPRHA
Northern Pacific Veterans Recall the Kennedy Assassination	Kuebler, William R., Jr.; Aspebakken, John; Carlson, Richard; Fredrickson, James M.; Sprau, David T.	Mainstreeter	2004	Memories of what people were doing at work on the Northern Pacific Railway when they heard the President Kennedy had been assassinated – a snapshot of daily railroad work activity and the impact of a major non-railroad event upon the railroad.	Article	22	4	33	3	NPRHA
From North Coast Limited to Air Force One; John Kennedy, Raymond Loewy and the Northern Pacific	Kuebler, William R., Jr.	Mainstreeter	2004	Story of Raymond Loewy designing new paint and interior for Air Force One in 1962 and his portfolio of examples included the North Coast Limited.	Sidebar	22	4	35	1	NPRHA
Editor's Column	Phillips, John A. III	Mainstreeter	2004	Northern Plains Railroad has reopened the former Northern Pacific Railway Red River Branch to Honeyford ND; the Belt Line (former Tacoma Division Eleventh Sub-Division) on the east side of Lake Washington is reportedly for sale by BNSF; private operators will try to reopen the Camas Prairie between Lewiston ID and Cottonwood; Camas Prairie Railnet still operates from Lewiston ID to Ayer WA and from Kooskia ID to Jaype ID; Memorial for engineer James Guerri of Roslyn WA by Dave Sprau; Notes by Jim Fredrickson on lack of information regarding origin of names for Laurel, Montana and Mossmain, Montana; former Northern Pacific coach built in 1903 is one of the amenities at the Whistle Stop Inn at New York Mills MN	Column	22	4	36	2	NPRHA

Over the Road	McGee, Warren R.	Mainstreeter	2004	Photo of Northern Pacific 2360, Class T, 2-6-2 Prairie arriving in St Cloud MN with 21 freight cars of Train 712, May 1940	Photo	22	4	38	2	NPRHA
Sheets of ice drip from the Richardton ND water tank	Luke, Maurice	Mainstreeter	2004	Back cover color photo of ice dripping from Richardton ND water tank circa 1970	Photo	22	4	40	1	NPRHA
Z-6 5117 Leaves Yakima	Shannon, W. R.	Mainstreeter	2004	NP 5117 puts on a show as it leaves Yakima yard in July 1939.	Photo	23	4	1	1	NPRHA
From The President	Horne, Robert B.	Mainstreeter	2004	A review of the steam trip from Sandpoint Idaho to Billings Montana behind SP 4449 in October 2004.	Column	23	4	2	1	NPRHA
W. R. Shannon, NP's Last Chief Mechanical Officer	Shannon, Harold, Tarbox, Gary	Mainstreeter	2004	Biographical and career profile of a motive power executive, from education through mechanical apprenticeship to dynamometer car testing to the highest levels of the mechanical department and past Northern Pacific career highlights. 10 pix. Keywords: steam, diesel, mechanical department, dynamometer , Alco, EMD. Sprinkler system, BN, Bill Shannon	Article	23	4	4	8	NPRHA
Early Times in the Twin Ports: NP's Eastern Terminus	Gaertner, John	Mainstreeter	2004	Northern Pacific operations and facilities in Duluth area from 1870 to 1900. Key words: LS&M, SP&D, Duluth, Superior, Duluth Union Depot, Duluth Short Line, Rices Point, grain elevators, coal docks, Duluth Transfer Railroad. Maps, LS&M TT, 7 pix	Article	23	4	12	16	NPRHA
Charles Loring Brace and "The New North West"	Lubetkin, M. John	Mainstreeter	2004	Biographical details and reprint of an 1873 newspaper article about the land and the route of the Northern Pacific from Duluth to Dakota Territory. Key words: Minnesota, Red River Valley, colonization, Charles Loring Brace, Perham, Detroit Lakes,	Article	23	4	28	3	NPRHA
Modeling News	Stinson, Daniel R.	Mainstreeter	2004	Reviews of new model railroad products with Northern Pacific theme.	Column	23	4	30	2	NPRHA
Warren McGee Celebrates His 90th in Style	Cone, Rufus L.	Mainstreeter	2004	Biography and tribute to Northern Pacific conductor, photographer, historian and uberfan, with career details and birthday party news. 3 photos, Key word: Warren McGee	Article	23	4	32	2	NPRHA
Bill Kuebler's The Vista Dome North Coast Limited	Kuttner, Larry	Mainstreeter	2004	Review of book on NP's top passenger train. Key words: North Coast Limited, passenger services, book, Train No.25, No. 26, Bill Kuebler	Book	23	4	34	1	NPRHA
From the Archives	Schrenk, Lorenz P.	Mainstreeter	2004	Acquisition of Bill Shannon collection by NPRHA. Key word: Bill Shannon, Archives	Column	23	4	35	1	NPRHA
Empire in the Shadows: History of the Northern Coast Timber Co.	McAbee, J. Clark	Tall Timber Short Lines	2004	History of a logging company that tied in with the Northern Pacific Railway at Kanaskat and had numerous camps along the Tacoma Eastern. Illustrations include photos of ex-NP locomotives.	Article	2004	74			Oso Publishing
Roundhouse Days: Northern Pacific Railway and Building the Auburn Yard, 1910-1913	Phillips, John A. III	White River Journal	2004	Article accompanied by a plat map of the northern end of the Auburn Yard, published in conjunction with an exhibit at the White River Museum, Auburn WA	Article	2004	April	3	4	White River Valley Museum
Northern Pacific guard rail casting photograph	Repp, Timothy O.	Mainstreeter	2005	Color front cover photograph of guard rail casting, cast at Northern Pacific Railway shops in Saint Paul	Photo	24	1	1	1	NPRHA
Why There Is No "Northern Pacific - Burlington Railroad" Today	Lubetkin, M. John	Mainstreeter	2005	Guest editorial about early history of the Northern Pacific Railroad Company, particularly the mismanagement by John Gregory Smith that resulted in the bankruptcy of 1873. Jay Cooke and Company	Column	24	1	2	2	NPRHA
Northern Pacific's Groundbreaking at Carleton	Lubetkin, M. John	Mainstreeter	2005	Description of the Northern Pacific Railroad Company groundbreaking ceremony at Thomson Junction MN (later Northern Pacific Junction MN) in present day Carlton MN, on February 15, 1870; dignitaries included Col J D Culver; Col Hiram Hayes; George W Cooley; General Thomas L Rosser	Article	24	1	4	2	NPRHA
Northern Pacific's Minnesota Mainline Surveys and Construction, 1870-1871	Lubetkin, M. John	Mainstreeter	2005	Survey of Minnesota main line from Duluth to Brainerd to Fargo, contracting for construction, surveying and construction in swamps, mismanagement, extensive footnotes. Ira Spaulding. Edward Jordan. John Gregory Smith. Edwin Johnson. William Milnor Roberts. Jay Cooke	Article	24	1	6	8	NPRHA
Paradise Depot and "The Beanery"	Kuebler, William and others	Mainstreeter	2005	Reminiscences about the Paradise, Montana beanery by Sandra Marquard Gingery, including railroad employees, beanery history from AFE to closure to demolition, two photos with extensive captions.	Article	24	1	14	2	NPRHA
Accident at Bassett Junction	Murphy, Ray W.	Mainstreeter	2005	Account of December 1952 accident at Bassett Junction WA on the Washington Central Branch, including chronology, 5 photos, 3 diagrams, crew members, footnotes. Northern Pacific 1567	Article	24	1	16	8	NPRHA
Fargo, A Brief History	Tarbox, Gary L.	Mainstreeter	2005	Survey and location of Fargo ND and Moorhead ND by Thomas Hawley Canfield, including subterfuge to obtain land for crossing Red River and associated townsite, 1893 fire, Red River floods, bonanza farms, subsequent growth, with 4 photos.	Article	24	1	24	4	NPRHA

Modeling News	Stinson, Daniel R.	Mainstreeter	2005	N Scale: Atlas 40-foot plug door box car as Northern Pacific 98590; Baldwin VO-1000 as Northern Pacific 422, as Northern Pacific 427, and no number; InterMountain EMD F3A Phase II as Northern Pacific 6500, 6501, 6504 and 6505 in Pine Tree/Butterkife scheme; InterMountain EMD F3B Phase II (no numbers) in Pine Tree/Butterkife scheme; Micro Trains diesel freight set with FT A unit, three Northern Pacific freight cars, MOW caboose, and track.	Column	24	1	28	1	NPRHA
Modeling News	Stinson, Daniel R.	Mainstreeter	2005	HO Scale: Branchline Trains announced 10-1-1 heavyweight sleepers for Chief Black Bear, Chief Many Horns, and Chief Standing Buffalo; InterMountain EMD FP7 Phase I with or without sound in Loewy green scheme; Oregon Rail Supply semaphore block signals with four styles of blades, operable but no mechanism; Red Caboose AAR 40-foot single door steel box car with 36-inch and 60-inch herald; Sunshine resin model of Northern Pacific 59000-59499 gondolas; Walther's Pullman-Standard streamlined 64-seat coach (NYC prototype) in Loewy green scheme; W&R still has composite GS gondolas, GS wood-chip gondolas, sugar beet cars and 41-foot outside braced box cars, Class A-1 4-8-4 as Northern Pacific 2626 due in March.	Column	24	1	28	1	NPRHA
An Invitation from Bird Island	Ursem, Edward; Bratt, Jon	Mainstreeter	2005	Description of Jon Bratt's HO Scale layout of the Northern Pacific Railroad's Yellowstone Division, with invitation from Jon to visit while enroute to 2005 Fargo Convention	Article	24	1	29	1	NPRHA
Brainerd-Built 50' Double Door Boxcars	Davison, Mike	Mainstreeter	2005	History, construction details, paint schemes, and models for the Northern Pacific 50-foot double door box cars built from 1955 to 1961, with 3 diagrams and 6 photos (five in color).	Article	24	1	30	4	NPRHA
Diagram, Series 4000-4499 50'-6" Steel Sheathed Box Car	Northern Pacific Railway	Mainstreeter	2005	Diagram of 50'-6" Steel Sheathed Box Car, built 1960 to 1961, Northern Pacific 4000-4499		24	1	31		NPRHA
Diagram, Series 6000-6499 50'-6" Steel Sheathed Box Car	Northern Pacific Railway	Mainstreeter	2005	Diagram of 50'-6" Steel Sheathed Box Car, built 1955, Northern Pacific 6000-6499		24	1	31		NPRHA
Diagram 50'-6" Steel Sheathed Box Car	Northern Pacific Railway	Mainstreeter	2005	Diagram of 50'-6" Steel Sheathed Box Car, built 1956 to 1957 (NP 6500-6999), 1957 (NP 7000-7449), and 1959 (NP 7500-7899)		24	1	31		NPRHA
Tales From The Palouse	Beach, Phillip F.	Mainstreeter	2005	Compilation of newspaper clipping from the Palouse Gazette between 1882 and 1885, and the Walla Walla Journal in 1891 about a variety of railroad topics generally associated with the Northern Pacific Railroad Company. Lignite, Yellowstone National Park, Kalama ferry, paper rails, Bismarck, Thomas Fletcher Oakes fired Ed Emmons and S R Henry for quarrel, planting cottonwood trees, exaggeration in brochure about Coeur d'Alene mining district, guards in Northern Pacific Express Company cars, cowboy hi-jinks with train passengers near the Little Missouri River, Henry Villard	Article	24	1	34	1	NPRHA
Web Site News	Tarbox, Gary L.	Mainstreeter	2005	Tips on using the NPRHA website	Column	24	1	35	1	NPRHA
NP 6517A at Fargo in January 1970	Bye, Robert	Mainstreeter	2005	Back cover color photo of Northern Pacific 6517 A with the westbound Mainstreeter at Fargo in January 1970	Photo	24	1	36	1	NPRHA
NP 2661 Pulling the westbound Alaskan out of Dilworth	McGee, Warren R.	Mainstreeter	2005	Front cover photograph Northern Pacific 2661 pulling the westbound Alaskan out of Dilworth MN on May 27, 1940. Northern, 4-8-4, Class A-3, Warren McGee negative 2379	Photo	24	2	1	1	NPRHA
President's message	Horne, Robert B.	Mainstreeter	2005	President's column, comments on upcoming Fargo convention, comments on Lewis and Clark along the Yellowstone River and its relationship to the Northern Pacific Railway route.	Column	24	2	2	2	NPRHA
Fargo, A Personal Tour	Kuebler, William R., Jr.	Mainstreeter	2005	Tour railroad facilities of Fargo ND, Moorhead MN, and Dilworth MN, centered on 1962, 1938 grade separation, alternate route for west bound trains, yard power, yard crews, list of movements at Moorhead Junction on November 9, 1965	Article	24	2	4	4	NPRHA
West Fargo, 1962	Kuebler, William R., Jr.	Mainstreeter	2005	Map of West Fargo from 13th Street to 27th Street with milepost descriptions of North Yard, Milwaukee Road Crossing and the Southwestern Branch, New Yard, South Yard, West Yard	Article	24	2	8	2	NPRHA
Fargo Downtown, 1962	Kuebler, William R., Jr.	Mainstreeter	2005	Map of Downtown Fargo from the Red River to 13th Street, with milepost descriptions of Central Yard, Freight house and Division Headquarters, Passenger Depot, Lower Yard and Fargo Foundry, Kjolrie Spur.	Drawing	24	2	10	2	NPRHA

Moorhead, 1962	Kuebler, William R., Jr.	Mainstreeter	2005	Map of Moorhead from Moorhead Junction with the Great Northern Railway to the Red River, with milepost descriptions for the Red River Bridge, Downtown Moorhead, Passenger Depot, and Moorhead Junction.	Drawing	24	2	12	2	NPRHA
Dilworth Terminal	Tarbox, Gary L.	Mainstreeter	2005	History of development of Dilworth MN terminal facilities beginning in 1906, because the railroad's needs outgrew the available space in Fargo ND; construction of facilities, description of engine terminal, roundhouse, Dilworth town site, Northern Pacific hotel, ice houses, stockyards, depots, division offices, crew washroom, Class A-5 locomotive servicing, and yard changes; two maps of terminal layout, plan and cross section views of roundhouse; 7 photographs	Article	24	2	14	12	NPRHA
Dilworth Terminals	NorthernPacific Railway, Office of Division Engineer	Mainstreeter	2005	Map of proposed Dilworth MN terminal, dated August 16, 1907	Drawing	24	2	16	2	NPRHA
Dilworth Terminal, 1953	NorthernPacific Railway, Office of Chief Engineer	Mainstreeter	2005	Map of Dilworth MN engine terminal and associated facilities, dated July 22, 1953	Drawing	24	2	18	2	NPRHA
Plan of Dilworth, Minn., Roundhouse – Northern Pacific Railway.	Unidentified	Mainstreeter	2005	Floor plan of the 44-stall Dilworth MN roundhouse showing the cinder storage stall, machine shop and separate boiler room. Reproduced from American Engineer and Railroad Journal, October 1907, page 425	Drawing	24	2	20	1	NPRHA
Cross-Section Through Dilworth Roundhouse	Unidentified	Mainstreeter	2005	Cross section of a typical Dilworth roundhouse stall showing smoke jack, cinder pits, drainage system and subterranean hot air duct. Reproduced from American Engineer and Railroad Journal, October 1907, page 424	Drawing	24	2	21	1	NPRHA
Fargo Trains	McGee, Warren; Nixon, Ronald; Porter, Russ; Behning, Baron; Goulash, Emery	Mainstreeter	2005	Photo gallery of trains at Fargo ND; Seven black and white photographs of trains at Fargo from 1938 to 1965, including Northern Pacific 2655 Class A-5 Northern 4-8-4 by McGee; NP1585 Class W Mikado 2-8-2 pulling the North Coast Limited due to failure of regular power by Nixon; westbound Mainstreeter in 1962 with unusual assortment of cars by Porter; Mainstreeter at Fargo depot in 1963 by Behning, Northern Pacific 6503 pulling North Coast Limited in Pine Tree paint scheme in 1950 by Nixon; Fargo depot in 1965 by Goulash	Photo	24	2	26	6	NPRHA
Modeling Committee Report	Ursem, Edward	Mainstreeter	2005	The modeling committee has worked with Blair Line laser kits to produce three HO model kits that will be available at the Fargo convention; color photos of each kit as built by Ed Ruse; Standard Plan scale house, Standard Plan motor car/work shed, Standard Plan wooden fuel depot	Column	24	2	32	2	NPRHA
Modeling News	Stinson, Daniel R.	Mainstreeter	2005	N Scale: Atlas 50-ft boxcar staggered double door Northern Pacific 39651; 2-6-0 Mogul steam engine Northern Pacific 79 (number is for Class F-1 2-8-0 post 1907 or Class K-1 0-6-0 pre 1907, which was converted from a 2-6-0); International Standard cupola caboose Northern Pacific 1118; Micro-trains 40-ft high cube boxcar as Northern Pacific 659999 (very accurate model).	Column	24	2	34	1	NPRHA
Modeling News	Stinson, Daniel R.	Mainstreeter	2005	HO Scale: Accurail 89-foot bi-level and tri-level auto racks; Athearn modern 40-foot boxcars using MDC tooling (8-ft door, no roof walk in premerger scheme with 8-foot herald, in two road numbers; Atlas PS-2 two-bay covered hopper as Northern Pacific 75444; two-bay offset side hopper as Northern Pacific 70207 and Northern Pacific 70221; Walther's 50-ft Fruit Growers Express-type mechanical reefer in NMPX lettering as single and two-pack (correct for FGE, not NP), 50-ft Airslide hopper car as single and two-pack, 54-ft GSC flat car in correct black color, streamlined Pullman-Standard plan 7484 64-seat coach (NYC prototype) in Loewy colors, streamlined Pullman-Standard 72-ft baggage car (unknown prototype) in Loewy colors, streamlined Pullman-Standard 36-seat diner (unknown prototype) in Loewy colors, streamlined Pullman-Standard 10-6 sleepers (unknown prototype) in Loewy colors (only Northern Pacific 10-6 sleepers were painted in Southern Pacific two-tone gray for Cascade service between Seattle and Oakland). Walther's will be releasing a PS-2 3-bay covered hopper that is not correct for Northern Pacific (prototype railroads not given).	Column	24	2	34	1	NPRHA

Archives	Dick, James C.	Mainstreeter	2005	Describes progress in refurbishing the Triangle Room at Jackson Street Roundhouse, and reorganization of the Minnesota Transportation Museum.	Column	24	2	35	1	NPRHA
Fargo Depot 24-foot caboose NP 1324 as preserved at Maple Valley WA President's Message	Cartwright, John Johnsen, Kenneth G.	Mainstreeter	2005	Back cover color pen and ink sketch of Fargo ND depot	Drawing	24	2	36	1	NPRHA
		Mainstreeter	2005	Color front cover photograph of 24-foot caboose Northern Pacific 1324 as preserved at Maple Valley WA	Photo	24	3	1	1	NPRHA
	Tarbox, Gary L.	Mainstreeter	2005	Comments of Fargo convention, changes in NPRHA Board of Directors, changes in management of Company Store, suggested steps to improve the society	Column	24	3	2	3	NPRHA
Saving Caboose No. 1324	Johnsen, Kenneth G.	Mainstreeter	2005	History of Northern Pacific Railway caboose Northern Pacific 1324 (other numbers during its career: Northern Pacific 1882 before 1942, Northern Pacific 10324 in 1970, BN 10915), restoration activities, choices for restoration era and appropriate lettering schemes, gallery of in-service and restoration photos (1 color, 16 black and white).	Article	24	3	4	12	NPRHA
Incident at Angora	Phillips, John A. III	Mainstreeter	2005	Story of October 16, 1915 wreck at Angora ND, including photograph of accident involving Northern Pacific 2151 Class Q-3 4-6-2 Pacific locomotive and Northern Pacific 1912 Class W-2 2-8-2 mikado locomotive. Northern Pacific 2151 was pulling passenger train No. 7, Northern Pacific 1912 eastbound was pulling a stock extra. Casualties included 1 dead, 46 injured. References.	Article	24	3	16	4	NPRHA
Montana, Calamity Jane, and the Sidney Branch	Fredrickson, James M.	Mainstreeter	2005	Photo of Northern Pacific 1661 with local freight No. 644 on Sidney, Montana branch in September 1953, accompanied by a story of Calamity Jane at Glendive, reprinted from recollections of conductor August E. Anderson in an article from a 1930s issue of Railroad Stories.	Article	24	3	20	2	NPRHA
The Night of the Great Train Race	Kuebler, William R., Jr.	Mainstreeter	2005	Bill Kuebler recounts a 1967 train ride on eastbound hotshot freight manifest No. 600, racing to get to Fargo ahead of westbound North Coast Limited No. 25, so No. 600 would not need to wait for No. 26's station stop.	Article	24	3	22	3	NPRHA
Membership Recognition Bassett Junction Revisited	Editor Butler, Bruce	Mainstreeter	2005	List of donors	Column	24	3	25	1	NPRHA
		Mainstreeter	2005	Bruce Butler recalls the accident at Bassett Junction reported in Spring 2005 Mainstreeter, sends pictures of a May 2005 site visit, and interviews retired engineer Jerry Britton, who would have run Northern Pacific 1567 on the day of the accident, but missed the crew call. Two pictures of Bassett Junction WA in 2005.	Letter	24	3	26	1	NPRHA
Another Happy Ending	Tarbox, Gary L.	Mainstreeter	2005	Details of BNSF's donation of caboose BN 12171 to City of Ritzville WA, and its installation next to the depot. The caboose has been repainted in the late green scheme and given its Northern Pacific number of Northern Pacific 10425. Two pictures of installation at Ritzville.	Letter	24	3	27	1	NPRHA
Editor's Notes: An American Icon	Repp, Timothy O.	Mainstreeter	2005	Commentary about the history of cabooses in general, and a photo of Northern Pacific 1203 in front of the Snoqualmie Falls WA depot on the North Bend Branch in 1983.	Column	24	3	28	2	NPRHA
Q&A	Johnsen, Kenneth G.	Mainstreeter	2005	New feature, question and answer section. Question is asked about paint on Northern Pacific step boxes. No answers provided yet.	Column	24	3	29	1	NPRHA
Fargo Convention Diary	Durr, Duane	Mainstreeter	2005	Diary of the the July 2005 NPRHA convention in Fargo ND	Article	24	3	30	2	NPRHA
Fargo Model Contest Winners	Ursem, Edward	Mainstreeter	2005	Color photos and descriptions of winners at Fargo model contest: Passenger Car and Best in Show – John Bratt's "Washington Club"; Diesel – Jim Ruffing's GP-18; Steam – Ron Olsen's N-scale Z-5 Yellowstone; Caboose – Pat Diehl's Northern Pacific 1740; Structure – Ed Ursem's motor car shed; Freight Car – Mike Booth's stock car	Article	24	3	32	2	NPRHA
Modeling News	Bratt, Jon	Mainstreeter	2005	Four laser kits are now available through NPRHA – motor car shed, fuel shed, scale house, and "4-Dome Train West: sign, from Blair Line kits; author's philosophy for the column	Column	24	3	34	1	NPRHA
The Voyage of the Corps of Discovery and the NP, Part VI Caboose NP 1324 in Ken Johnsen's yard Conductor and Engineer check watches for South Bend Flyer, 1954	Horne, Robert B.	Mainstreeter	2005	This instalment talks about the journey from the Bitterroot Valley to the mouth of the Columbia River.	Column	24	3	35	1	NPRHA
	Johnsen, Kenneth G.	Mainstreeter	2005	Color rear cover photograph of the side of caboose NP1324.	Photo	24	3	36	1	NPRHA
	DeLay, Allan	Mainstreeter	2005	Front Cover photo of conductor R. Bruce Hendrick and Engineer Ed Malloy comparing watches at Centralia WA before departing with the South Bend Flyer in March 1954.	Photo	24	4	1	1	NPRHA

President's Message	Tarbox, Gary L.	Mainstreeter	2005	President's column announcing changes in the Company Store, specific Northern Pacific Railway products developed through the NPRHA and company store, new DVDs of presentations, publication process for Mainstreeter	column	24	4	2	1	NPRHA
End of an Era: The South Bend Flyer	McCready, Al	Mainstreeter	2005	Reprinted article from March 21, 1954 <i>Oregonian</i> describing the last run of the mixed passenger train from Centralia WA to South Bend WA on March 19, 1953, and providing a brief history of the line, including 14 photos by Allan DeLay that were shot for the article, reproduced from the original negatives. Willapa Harbor Branch, Raymond WA, Pe Ell WA,	Article	24	4	4	10	NPRHA
Riding the Iron Range	Tuskey, Lee	Mainstreeter	2005	A fireman recounts a typical ore train in the Iron Range in the early 1950s, pulled by a W-3; two maps of Northern Pacific-Soo Line tracks in Cuyama Range; condensed profile of Lake Superior Division in 1951, profile of Class W mikado 2-8-2 locomotives, photos of Class W, W-3 and W-5 mikados locomotives, photo of Superior Ore Dock.	Article	24	4	14	18	NPRHA
From The Archives – Crossing Tower Returns to Jamestown	Dick, James C.	Mainstreeter	2005	Recollections of Mary Young about living in Jamestown ND, and her assistance in promoting Jamestown to restore a downtown crossing tower at Main Street.	Column	24	4	32	2	NPRHA
NP Railway Two Post Tower for Crossing Gates	Northern Pacific Railway, Office of Chief Engineer	Mainstreeter	2005	Side and end elevation drawings of Northern Pacific Railway two post tower for crossing gates, dated 1907, drawing CD-1	Drawing	24	4	33	1	NPRHA
Web Site News	Tarbox, Gary L.	Mainstreeter	2005	New additions to the website, including equipment diagrams and freight car rosters by era.	Column	24	4	34	1	NPRHA
Voyage of the Corps of Discovery and the NP, Part VII	Horne, Robert B.	Mainstreeter	2005	Recounting of the Lewis and Clark Expedition's winter at Fort Clatsop OR; Clark calculates the route taken, with improvements for the return trip; brief comparison to the Northern Pacific Railroad route of construction.	Column	24	4	35	1	NPRHA
NP 1682 pulling the South Bend Flyer at Pluvius WA	DeLay, Allan	Mainstreeter	2005	Rear cover photo of Northern Pacific 1682 pulling the South Bend Flyer up the 1.5 percent grade towards the coast range summit at Pluvius, WA in March 1954	Photo	24	4	36	1	NPRHA
NP2191 with work extra on Low Line	Nixon, Ronald V.	Mainstreeter	2006	Front cover photograph of Northern Pacific 2191 Class Q-4 Pacific 4-6-2 with work extra on Low Line between Logan, Montana and Bozeman, Montana in January 1935; wedge snowplow Northern Pacific 22	Photo	25	1	1	1	NPRHA
NP 102 in Butte, Montana	Unidentified	Mainstreeter	2006	Front cover photograph of Northern Pacific 102 Class F Consolidation 2-8-0 switches cars in Butte, Montana circa 1903; side door caboose	Photo	25	1	1	1	NPRHA
President's Message	Tarbox, Gary	Mainstreeter	2006	President's column discussing the upcoming convention at Bozeman, recruiting new members to NPRHA, and what the NPRHA is all about.	Column	25	1	2	2	NPRHA
Continuous Conundrum; The Low Line to Bozeman	Masters, Jerry R., Phillips, John A. III	Mainstreeter	2006	History of conception, construction, operation, and removal of the Bozeman Low Line; plans by John William Kendrick and Edwin Harrison McHenry; economic debates; postponement due to WW I and USRA; impacts of 2-8-8-4 Yellowstone Class Z5 and 4-6-6-4 Class Z6 locomotives on doubleheading with Class W3 Mikado 2-8-2 locomotives; arrival of diesel locomotives; removal in 1957; extensive citations.	Article	25	1	4	16	NPRHA
1952 Time Table from Livingston to Logan	Northern Pacific Railway	Mainstreeter	2006	1952 Time Table No. 76 for First Sub-Division, Rocky Mountain Division	Table	25	1	6	1	NPRHA
NP's Low Line; Logan – Bozeman	Repp, Timothy O.	Mainstreeter	2006	Map of Main Line and Low Line from Logan, Montana to Bozeman, Montana, including Camp Creek Branch to Anceney, Montana and the Milwaukee Road lines in the Gallatin Valley	Drawing	25	1	7	1	NPRHA
Profile of Low Line and Main Line, Logan to Bozeman	Repp, Timothy O.	Mainstreeter	2006	Profile of Low Line and Main Line, Logan, Montana to Bozeman, Montana, including profile of the Milwaukee Road Gallatin Valley Branch	Drawing	25	1	9	1	NPRHA
The Silver Bow and Its Railroads	Taylor, William	Mainstreeter	2006	Brief summary of the railroads serving Butte, Montana; Northern Pacific Railroad Company; Northern Pacific Railway Company; Rarus Railway; Butte Anaconda & Pacific Railway; Great Northern Railway; Montana Central; Montana Union; Utah & Northern; Union Pacific; Butte Short Line; Chicago Milwaukee and St Paul; Burlington Northern; Burlington Northern and Santa Fe; BA&P; U&N; MC; GN: CM&STP; NP; BN; BNSF; Anaconda Copper Mining Company (ACM); Atlantic Richfield Company; ARCO; Environmental Protection Agency.	Article	25	1	20	4	NPRHA

The Bozeman Tunnel Fire of 1895	Taylor, Janyce	Mainstreeter	2006	Early history of the Bozeman tunnel, including construction in 1882, the temporary line over the summit, methods of fighting the 1895 fire, and repair procedures.	Article	25	1	24	2	NPRHA
Bozeman Tunnel, 1895	Taylor, Janyce	Mainstreeter	2006	Map of Bozeman Tunnel in 1895 showing the critical points of the fire and the location of the overhead temporary line	Drawing	25	1	25	1	NPRHA
New Books	Repp, Timothy O.	Mainstreeter	2006	Book reviews of Jay Cooke's Gamble by M. John Lubetkin	Column	25	1	26	1	NPRHA
Membership Recognition	Repp, Timothy O.	Mainstreeter	2006	List of new members in 2005	Column	25	1	27	1	NPRHA
Modifying Central Valley's NP Stock Car	Ursem, Edward	Mainstreeter	2006	Model construction article about converting the HO Scale Central Valley stock car into a better model by narrowing it; two pages of construction photos	Article	25	1	28	4	NPRHA
Modeling Column	Bratt, Jon	Mainstreeter	2006	Modeling Northern Pacific with resin kits, including radial roof freight cars, conversion of the Central Valley stock car, and available laser kits of Northern Pacific structures.	Column	25	1	32	1	NPRHA
From the Archives	Dick, James C.	Mainstreeter	2006	Letters found in the NPRHA archives, including an account of trouble with a mechanical stoker on a Class W-3 2-8-2 mikado, and a 1914 letter exchange regarding a pension for a long-time employee.	Column	25	1	33	1	NPRHA
Website News	Tarbox, Gary	Mainstreeter	2006	NPRHA website news including arrangements for the Company Store and handling digital photos for the website (resizing to an appropriate size for display on a monitor).	Column	25	1	34	1	NPRHA
Voyage of the Corps of Discovery, Part VIII: Departing Eastward, March 23-June 30, 1806	Horne, Robert B.	Mainstreeter	2006	Synopsis of the Lewis and Clark Expedition travels in 1806 from Clatsop to Traveler's Rest.	Article	25	1	35	1	NPRHA
Crowd greeting the Eisenhower campaign train at Bozeman, Montana in 1952	Dodge, Bamford J.	Mainstreeter	2006	Back cover photo of crowd greeting Ike Eisenhower at Bozeman, Montana on October 5, 1952.	Photo	25	1	36	1	NPRHA
Restored NP 1356 crosses Fish Creek Trestle enroute to Missoula for display	Nixon, Ronald V.	Mainstreeter	2006	Front cover photograph of Class S-4 Ten Wheeler, Northern Pacific 1356, enroute to Missoula for display following cosmetic restoration at South Tacoma in September 1955. 4-6-0	Photo	25	2	1	1	NPRHA
President's Message	Tarbox, Gary	Mainstreeter	2006	President's column, outlining recruitment and retention drive	Column	25	2	2	1	NPRHA
The Taylor's Falls Branch	Gaertner, John	Mainstreeter	2006	History of the Taylor's Falls, MN branch; origins as Taylor's Falls and Superior, Taylors Falls and Lake Superior Rail Road Company; Minneapolis and St. Louis joint ownership with St. Paul and Duluth; swamp land grants, passenger and freight service changes, tourist traffic to Chisago City and nearby lakes, loss of traffic to highways, last trip and abandonment in 1948. Footnotes	Article	25	2	4	12	NPRHA
Tales of a Ten-Wheeler	Tarbox, Gary, Taylor, Janyce	Mainstreeter	2006	History of Class S-4 Ten-wheeler Northern Pacific 1356; 1910 forest fire at Wallace ID, 1943 plunge through trestle into Bitter Root River, preservation at South Tacoma Shops and display in Missoula, Montana; 15 photographs, including one as-built with compound cylinders, drawing. 4-6-0, Ron Nixon, overturned 250-ton crane Northern Pacific 45	Article	25	2	16	10	NPRHA
Northern Pacific Railway S-4 4-6-0 Steam Locomotive No. 1352	Edgar, William R.	Mainstreeter	2006	Centerfold drawing of Northern Pacific Railway S-4 4-6-0 Steam Locomotive No. 1352, built 1902 by Baldwin Locomotive Works, copyright Kalmbach Publishing Company, reprinted with the permission of Model Railroader Magazine. S Scale, superheated configuration with non-compound cylinders	Drawing	25	2	18	2	NPRHA
Homer "Jitterbug" McElreath, Northern Pacific Engineer	Armbruster, Kurt E.	Mainstreeter	2006	Interview with Homer McElreath about engine service out of Auburn WA; firing switcher at King Street Station, firing mallets and northers to Yakima, freights to Sumas, service on early FT diesels, runaway down west side of Stampede Pass due to inadequate dynamic brakes.	Article	25	2	26	4	NPRHA
No Clearance	Christenson, John	Mainstreeter	2006	Jack Christenson's recollections as Road Foreman of Engines on Lake Superior and St. Paul Divisions in mid 1960s, collision between Northern Pacific 3608 and Great Northern Train 78 at Big Lake MN. Collision occurred at the point of no clearance, with a grabiron on Northern Pacific 3608 gouging the side of the Great Northern train.	Article	25	2	30	3	NPRHA
From the Archives	Dick, James C.	Mainstreeter	2006	The Streeter IL museum has a Northern Pacific steel caboose, and the NPRHA archives will provide the museum with information about it; Jamestown ND is moving forward on restoration of the crossing tower	Column	25	2	33	1	NPRHA
Web Site News	Tarbox, Gary	Mainstreeter	2006	A new section has been created on "Modeling the NP"	Column	25	2	33	1	NPRHA

The Voyage of the Corps of Discovery and the NP, Part IX: The Expedition Divides, July 1-August 12, 1803	Horne, Robert B.	Mainstreeter	2006	The Lewis and Clark Expedition departs Traveler's Rest, and divides the crew; Lewis goes through Missoula to Great Falls. Clark goes up the Bitterroot River and down the Jefferson River. Part of the party goes to Great Falls, the other crosses Bozeman Pass and down the Yellowstone River on the route later taken by the Northern Pacific Railroad. The two groups meet near Williston ND	Column	25	2	34	2	NPRHA
NP 1356 at Missoula, Montana	Nixon, Ronald V.	Mainstreeter	2006	Back cover photo of Northern Pacific 1356 departing Missoula, Montana with the Philipsburg Local.	Photo	25	2	36	1	NPRHA
Four new FTs at Kanaskat in 1945	Fredrickson, James M.	Mainstreeter	2006	Front cover photo of four new FTs in front of the Kanaskat WA depot in July 1945.	Photo	25	3	1	1	NPRHA
Model of boxcar NP 38587	Fujii, John	Mainstreeter	2006	Front cover inset photo of Chris Frissell's model of boxcar Northern Pacific 38587, which was runnerup for best convention freight car model	Photo	25	3	1	1	NPRHA
President's Report	Tarbox, Gary	Mainstreeter	2006	Bozeman convention highlights; featured Company Store items; Company Store changes; Membership Services changes; McGee exhibit from Montana Historical Society; Jackson Street Roundhouse Archives.	Column	25	3	2	5	NPRHA
The Palmer Cutoff	Phillips, John A., III	Mainstreeter	2006	History of the Palmer Cutoff from Auburn WA to Palmer Junction WA; preliminary studies in 1890s; maneuvering between Northern Pacific Railroad, Pacific Coast Company, Great Northern Railway, and coal mining promoters; problems with contractor Nelson Bennett; making the newly constructed line ready to carry the new North Coast Limited; Pacific Express; South Prairie helper district, bunk house and section house arrangements; map of Palmer Cutoff, original Buckley Line, and other nearby Northern Pacific Railroad branches; profile comparing Palmer Cutoff to Buckley Line; 11 photographs.	Article	25	3	4	10	NPRHA
NP's Commercial Coal Operations	Dick, James C.	Mainstreeter	2006	Description of commercial coal delivered to Duluth by ship and shipped by rail to the Twin Cities and elsewhere; Justification for grade changes on Skally Line in 1908; Competition with Great Northern and Milwaukee Road; car types, unloading equipment; Photographs of coal handling arrangements at Duluth coal docks, Twin Cities, hopper, clamshell and conveyor unloading arrangements, photos of barge unloading along the Mississippi in Twin Cities, showing the Northern Pacific's A-Line bridge and the 10th Street Bridge (misidentified as Great Northern Stone Arch Bridge).	Article	25	3	14	8	NPRHA
A Dozen Jackson Street Roundhouse Collections Membership Recognition	Borkan, Michael J.	Mainstreeter	2006	Brief descriptions of twelve collections available in the NPRHA archives at Jackson Street Roundhouse.	Article	25	3	26	1	NPRHA
	Editor	Mainstreeter	2006	List of members making contributions above regular membership dues.	Column	25	3	27	1	NPRHA
NP's "Door and a Half" 50-Foot Single-Sheathed Boxcars	Frissell, Chris	Mainstreeter	2006	History of Northern Pacific Railway's 5000-5999 series single-sheathed automobile box cars built in 1926. Car is represented by the 2006 Convention Car model, by Ted Culotta of Speedwich Media.	Article	25	3	28	2	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2006	N Scale: NPRHA kit for Northern Pacific Commissary sign; Brass Car Sides kit for NP400-404 water baggage sides;	Column	25	3	30	2	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2006	HO Scale: NPRHA kits for handcar house, fuel shed, scale house, 2-story depot, Northern Pacific Commissary sign; Speedwich Media kit for Northern Pacific 5000-5999 box car; Evergreen Hill Designs laser kit for 2-story section house; Atlas 3-bay grain hopper in 3 Northern Pacific numbers; Athearn released former MDC RS-3 in 2 Northern Pacific numbers, and ACF 2-bay hopper; Walthers 53-foot flat car; Intermountain/Tichy USRA hopper in 4 Northern Pacific numbers; Accurail 3-pack of 40-foot box cars with Northern Pacific large monad; Sunshine models pending release of resin kit for Northern Pacific 9480-9999 series box cars; Northern Specific Models decals for Speedwich Northern Pacific 64000-64195 flat cars; Kaslo Shops is planning a redrive power kit for Rivarossi U-25C; Details west bells and whistles for NP; Brass Car Sides kit for NP400-404 water baggage sides;	Column	25	3	30	2	NPRHA

Modeling Column	Frissell, Chris	Mainstreeter	2006	O Scale: NPRHA kit for Northern Pacific Commissary sign; Atlas covered hopper, 40-foot plug door box car, 40-foot Hi-Cube box car; Peterson Supply offering a Weaver 40-foot PS-1 box car, and a Mike's Train House wood chip hopper; Chooch Enterprises Pullman 50-ton flat in Northern Pacific 62000-62299, a 50-foot Automobile car like Northern Pacific 4700-4999. RL Designs decals for NP.	Column	25	3	30	2	NPRHA
Bozeman Convention Models	Ursem, Edward	Mainstreeter	2006	Results of modeling contest and displays at 2006 convention in Bozeman, Montana	Article	25	3	32	2	NPRHA
Voyage of the Corps of Discovery and the NP	Horne, Robert	Mainstreeter	2006	Recounts the journey down the Missouri River from Hidatsu-Mandan country to St. Louis, and the arrival in St. Louis.	Column	25	3	34	1	NPRHA
Passages	Repp, Timothy O.	Mainstreeter	2006	Pictures of the Pasco Ice House to be demolished, and of the Prairie Line east of Union Street in Tacoma, which is now idle due to severing of the rails at Pacific Avenue.	Photo	25	3	35	1	NPRHA
A 1944 World War Two coal poster	U.S. Government	Mainstreeter	2006	Back cover color poster of 1944 World War 2 coal poster by the Solid Fuels Administration for War	Painting	25	3	36	1	NPRHA
Lester Depot in 1974	Repp, Timothy O.	Mainstreeter	2006	Front cover photo of Lester WA depot on September 29, 1974	Photo	25	4	1	1	NPRHA
President's Report	Tarbox, Gary	Mainstreeter	2006	Membership recruitment program	Column	25	4	2	1	NPRHA
Standard Plan Two-Story Depots; Part 1: 1889-1890 French Hip Style	Soule, Charles H.	Mainstreeter	2006	Development of standard plan depots by the Northern Pacific Railroad engineering department; French Hip style, including Talbot-Berg plans of 1880s and Kendrick plans of 1889 and 1890; Hip Roof style of 1900; Class C and 3rd Class 2-story combination depots; 13 photos, 2 plans, list of 40 2-story depots built to the 1889 and 1890 standard plans. References.	Article	25	4	4	10	NPRHA
Lester versus Frenchtown	Soule, Charles H.	Mainstreeter	2006	Comparison of Frenchtown, Montana depot (close to standard plan) and variations observed in the Lester WA depot.	Article	25	4	7	1	NPRHA
French Hip Style Class C and 3rd Class Two-Story Combination Depots, Standard Plans of 1889-1890	Soule, Charles H.	Mainstreeter	2006	Table of Class C or 3rd Class combination depots known to have been built to the standard plans of 1889-1890.	Article	25	4	10	1	NPRHA
NPRR Standard Plan of Class C 2-Story Combination Depot, drawing S-26-28	J. W. McKendrick	Mainstreeter	2006	Standard Plan S-26-28 dated 3-12-1890 for Class c 2-story combination depot, showing floor plans for ground and second floor, and elevations for track side and ticket office end.	Drawing	25	4	11	1	NPRHA
NPRR Standard Plan of Class C 2-Story Combination Depot, drawing S-26-29	J. W. McKendrick	Mainstreeter	2006	Standard Plan S-26-29 dated 3-12-1890 for Class c 2-story combination depot, showing framing elevations and cross sections, elevation of freight end.	Drawing	25	4	13	1	NPRHA
Building NPRHA's Two-Story Combination Depot Kit	Ursem, Edward	Mainstreeter	2006	Construction article for building the NPRHA laser kit for the Class C or 3rd Class 2-Story Combination Depot, including 13 construction photographs.	Article	25	4	14	6	NPRHA
The Peninsular Branch	Snow, Norman	Mainstreeter	2006	History of the Grays Harbor lines, including the Grays Harbor Branch, Gate Branch and Ocota Branch; Expansion from Aberdeen to Moclips; proposed Olympic Peninsula extensions, abandonment after the Burlington Northern Railway merger. References.	Article	25	4	20	12	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2006	N Scale: Railway Classics (former Shoreham Shops has cancelled all N-scale projects including the North Coast Limited; Intermountain is offering free corrected sides for F-7Bs	Column	25	4	32	2	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2006	HO Scale: Speedwitch Media obtaining parts missing from NPRHA 50-ft single-sheathed boxcar kit; resin HO stock car ends for narrowing Central Valley kit; Sunshine Models Northern Pacific 9480-series double-sheathed boxcar; Railway Classics (former Shoreham Shops still has etched grills for F3 and F7 B units in stock; Precision Scale's A-4 and A-5s have two paint schemes and several numbers;	Column	25	4	32	2	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2006	O Scale: Atlas announced 40-ft 1937 AAR boxcars and PS-4427 low side covered hoppers; Red Caboose 40-foot flat car in 4 numbers (accuracy to Northern Pacific not known); Golden Gate Depot/Sunset Models expecting Northern Pacific 12-1 sleeper in Pine Tree colors	Column	25	4	32	2	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2006	Review of resources for Northern Pacific modelers, including Todd Sullivan's Northern Pacific Color Guide to Freight and Passenger Equipment, and Northern Pacific equipment diagrams	Column	25	4	32	2	NPRHA
Web Site News	Tarbox, Gary	Mainstreeter	2006	Procedure for NPRHA members to establish an account with The Company Store that will register them to receive a discount.	Column	25	4	33	1	NPRHA

Letters		Mainstreeter	2006	Correction to the caption on pg 18 of Mainstreeter Vol. 25 No. 3 - The bridge in the background is the Cedar Avenue automobile bridge, not the Great Northern Stone Arch Bridge. Correction to caption on page 31 of Mainstreeter Vol. 25 No. 3 – The train is Great Northern No. 14, the “Red River”, which was discontinued by 1969.		25	4	34	1	NPRHA
From The Archives		Mainstreeter	2006	Letter from General Managers file 2391-1 regarding the efforts of the Northern Pacific Railway to deal with the extreme winter weather of 1936.	Column	25	4	35	1	NPRHA
Holiday Homecoming	Oram, David	Mainstreeter	2006	Color back cover painting showing Northern Pacific 2162 with Train 61 at Rush City MN in December 1950	Painting	25	4	36	1	NPRHA
F Units at Mandan in 1954	Nixon, Ronald V.	Mainstreeter	2007	Front cover photograph of F-3, F-5 and F-7 at Mandan ND on 18 August 1954; coal dock in background; NP6006, Northern Pacific 6009D, Northern Pacific 6003	photo	26	1	1	1	NPRHA
President’s Report	Tarbox, Gary	Mainstreeter	2007	Membership drive; pending organization of local NPRHA groups in towns besides the existing meetings in Auburn WA and St. Paul MN; cataloging of Nixon collection at Museum of the Rockies; opening of Warren McGee exhibit at the Montana Historical Society museum in Helena, Montana.	Column	26	1	2	3	NPRHA
Missouri River Crossing	Booth, A. Michael	Mainstreeter	2007	History of the Northern Pacific Railway near Bismarck ND, Mandan ND, and the Missouri River Crossing; Bismarck/Mandan area branch lines, including the Linton Branch, South Mandan Branch, and North Mandan Branch, 1950s relocation of South Mandan Branch due to Lake Oahe; lignite coal traffic on branch lines, preserved depots from Dawson, Sterling, New Salem, Almont, Glenn Ullin, Richardton, Elgin, Price, Bismarck, Mandan; map; references; 6 photos	Article	26	1	4	6	NPRHA
Collision at Harmon	Kuebler, Wiiliam R. Jr.	Mainstreeter	2007	Story of collision at Harmon ND on 15 January 1951 due to failure to obey a meet order; location; traffic and operations of the time; specifics of the accident; locomotives; crews; Northern Pacific 1756 Class W-3; Northern Pacific 1837 Class W-5 mikado 2-8-2; 5 photos.	Article	26	1	10	8	NPRHA
Standard Plan 2-Story Depots, Part 2: 1900 Hip Roof Style	Chuck Soule	Mainstreeter	2007	Development of the Third Class 2-Story Combination Depot in the Hip Roof Style, characterized in the Standard Plans of 1900, 8 photos, 2 plans, list of stations built to this style. Moclips WA, Almont ND, Woodland WA, Ridgefield WA, Sheridan, Montana, Alder, Montana.	Article	26	1	18	6	NPRHA
S-26-18, Standard Plan of Third Class 2-Story Combination Depot	Northern Pacific Railway	Mainstreeter	2007	Standard Plan S-26-18 for Third Class, 2-Story Combination Depot dated 11-14-1900, in Hip-Roof Style, showing trackside elevation, ground floor plan, second floor plan	Drawing	26	1	20	1	NPRHA
S-26-19, Standard Plan of Third Class 2-Story Combination Depot	Northern Pacific Railway	Mainstreeter	2007	Standard Plan S-26-19 for Third Class, 2-Story Combination Depot dated 11-14-1900, in Hip-Roof Style, showing passenger and freight end elevations and two internal cross sections.	Drawing	26	1	22	1	NPRHA
NP 2152’s Journey to Toppenish	Shearer, Douglas	Mainstreeter	2007	Story of moving Northern Pacific 2152. Class Q-3 4-6-2 Pacific from Auburn to Toppenish WA in 2006. 7 picture of move, including various sub-assemblies. Northern Pacific Railway Museum. Veteran’s Memorial Park.	Article	26	1	24	4	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2007	HO Scale: Red Caboose 57-foot Mechanical Reefer to be offered exclusively through the Company Store; NPRHA laser-cut privy, two-stall hand car shed, phone booth, ice shed; Replacement parts for Speedwich Northern Pacific 5000-series box cars; Sunset Class A-3, A-4 and A-5 4-8-4 Northern, W&R Northern Pacific 90000-98099 reefers, 8000-8099 40-foot automobile boxcars, 32200-32399 and 69000-69999 41-foot flat cars, early Pullman coaches, weed spraying car; Brass Car Sides – diners Northern Pacific 450-455; Walther’s HO Proto-1000 F3A-F3B in freight colors; Intermountain FP7s in Loewy, 40-foot, 10ft 6 in High AAR boxcar, Red Caboose 40-foot 1937 AAR boxcars, Branchline Trains 50-foot single door AAR boxcar.	Column	26	1	28	2	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2007	N Scale: Brass Car Sides - diners Northern Pacific 450-455, 56-seat coach Northern Pacific 500-517 and SP&S 301-305; Intermountain 40-foot, 10ft 6 in High AAR boxcar,.	Column	26	1	28	2	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2007	O Scale: Precision Scale Class Z-6 4-6-6-4 and Class A 4-8-4 Northern; Golden Gate Depot 70-foot heavyweight baggage, combine, Baggage-mail RPO, 12-1 sleeper in Pine Tree Green.	Column	26	1	28	2	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2007	Modeling 1950s-1960s 40-foot boxcars: notes on accuracy of Red Caboose and Intermountain boxcars	Column	26	1	28	2	NPRHA

Book Review: Minneapolis and the Age of Railways by Don L. Hofsommer	Lubetkin, M. John	Mainstreeter	2007	Book review of Minneapolis and the Age of Railways by Don L. Hofsommer, University of Minnesota Press, 2005.	Column	26	1	30	1	NPRHA
Letters	Various	Mainstreeter	2007	Letters regarding articles on Peninsular Branch, depots, including a note by Dave Sprau that the boxlike structure extending downward from the second floor at the ticket office end of the Lester depot was a box filled with sawdust surrounding the fresh water pipes to insulate them.	Letter	26	1	31	1	NPRHA
Editor's Note	Repp, Timothy O.	Mainstreeter	2007	Editor's note on support crew for the Mainstreeter and results of a survey from the Bozeman convention regarding the eras in which members are most interested.	Column	26	1	32	1	NPRHA
Web Site News	Tarbox, Gary	Mainstreeter	2007	New features include a 1922 station roster, copies of Warren McGee's collection of monthly Distribution of Power documents, and train briefs from 1968.	Column	26	1	33	1	NPRHA
From the Archives	Borkan, Michael	Mainstreeter	2007	Comments on a visit to Buckstop Junction near Bismarck ND to look at Northern Pacific items being preserved by the Missouri Valley Historical Society, including the Sterling ND depot, and Northern Pacific caboose 1671, as well as numerous non-NP buildings and other items.	Column	26	1	34	2	NPRHA
NP 1529 and NP 2152 with Train 217 at Gardiner, Montana	Nixon, Ronald V.	Mainstreeter	2007	Back cover photograph of Northern Pacific 1529 Class W 2-8-2 Mikado and Northern Pacific 2152 Class Q-3 4-6-2 Pacific with Train 217 pulling into Gardiner, Montana on 16 July 1941; RVN negative 11341.	Photo	26	1	36	1	NPRHA
Northern Pacific Freight in Bear Creek Canyon ID in 1950	Hastings, Philip R.	Mainstreeter	2007	Front cover photograph of Northern Pacific Railway's Highball freight train in Bear Creek Canyon on the Palouse and Lewiston Branch in 1950	photo	26	2	1	1	NPRHA
President's Report	Tarbox, Gary	Mainstreeter	2007	NPRHA president report on 2007 Mandan ND convention, Warren McGee exhibit at Montana Historical Society museum, planned 2008 convention in Tacoma WA, and local NPRHA meetings being organized in Billings, Montana and Toppenish WA	Column	26	2	2	3	NPRHA
Highballing the Palouse and Lewiston Branch	Beach, Philip F.	Mainstreeter	2007	History of Palouse and Lewiston Branch in eastern Washington, including typical trip for Trains 661 and 662 in March 1951 with a detailed description of the line, crew members, timetable for trains 311 and 314 dated December 1, 1950, map of the branch including connecting railroads; wreck at Belmont WA on February 25, 1944. P&L, Union Pacific Railroad, Milwaukee Road, Great Northern Railway, Camas Prairie Railroad. Extensive footnotes.	Article	26	2	4	15	NPRHA
Northern Pacific Transport, Part One: The Formative Years; 1929 - 1945	Yaremko, Richard	Mainstreeter	2007	Beginning of the Northern Pacific Transport Company, including background on the initial competition from bus and trucking companies, pictures of early trucks and busses operated by the company; map of Southern Montana Highway Services in November 1940, Timeline for 1933 to 1945, NPT roster for 1935, discussion of how NPT affected railroad operation, maintenance issues, finances as of 1945, bibliography.	Article	26	2	20	9	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2007	HO Scale: Red Caboose kit RC-8000, undecorated is a good base for modeling the Late AAR-style 40-foot boxcars with six-foot doors and 10-foot, six-inch interior height.	Column	26	2	30	2	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2007	Modeling research guidance – discussion of resources available from the Car and Locomotive Encyclopedia and the Official Railway Equipment Register; February 2007 Rail Model Journal has a good article on modifying the Walther's 130-foot turntable to UP style, and can be used to modify it to an Northern Pacific style; February 2007 Rail Model Journal article on superdetailing a 40-foot Pullman Standard "Baby Hi-Cube" boxcar.	Column	26	2	30	2	NPRHA
Mud on the Morris Branch; A Newfangled Truck Saves the Day	Christensen, Jack	Mainstreeter	2007	Story of a derailment on the Morris Branch in Minnesota during April 1969, and how the equipment was re-railed using a Cline truck.	Article	26	2	32	3	NPRHA
A (Nice) Letter to the Editor	Clegg, Robert and Repp, Timothy	Mainstreeter	2007	Letter explaining two pictures taken by Bob Clegg in Missoula, Montana in 1948, showing Northern Pacific 2235 and Northern Pacific 2232; notes by Tim Repp indicating the trains are probably the Alaskan, Train 4.	Letter	26	2	35	1	NPRHA

Highball Freight in the Palouse wheat fields	Hastings, Philip R.	Mainstreeter	2007	Back cover photograph of Northern Pacific Highball freight train passing through Palouse Country farmland in late summer 1950. P&L, Palouse and Lewiston Branch.	Photo	26	2	36	1	NPRHA
The Sedro-Woolley local takes water at Woodinville	Sculley, Roy	Mainstreeter	2007	Front cover photo of fireman holding down water spout of the Woodinville water tank while filling a tender with a doghouse. Good shot of back end of an unidentified tender.	photo	26	3	1	1	NPRHA
President's Report	Tarbox, Gary	Mainstreeter	2007	Membership campaign, obituary for David E. Umhauer and Jim Russell, Mandan convention summary	Column	26	3	2	4	NPRHA
Firing the Woolley Local	Christensen, Jack	Mainstreeter	2007	Jack Christensen gives a brief history of his early employment by the Northern Pacific Railway and describes a typical trip firing the Sedro-Woolley local on the Sumas Branch; Lake Washington Belt Line, Sumas Branch; Hartford Line, Great Northern Railway cutoff between Snohomish and Edgcomb; 11 photographs, gradient profile, map.	Article	26	3	6	10	NPRHA
Northern Pacific Railway, Puget Sound Lines, 1951	Unidentified	Mainstreeter	2007	Map of Northern Pacific Railway lines located between Tacoma and Sedro-Wooley, east of Puget Sound, including connections with the Great Northern Railway, Milwaukee Road, Pacific Coast Railroad; date 1951	Map	26	3	9	1	NPRHA
Requiem For The Belt Line	Repp, Timothy O.	Mainstreeter	2007	Closure of the Lake Washington Belt Line at Renton WA in August 2007, bridges being replaced, plans for reopening portions of the line.	Column	26	3	15	1	NPRHA
Butte Right-of-Way photos, 1928	Dick, James	Mainstreeter	2007	Nine photos and extended captions from 1928 Joint Facilities Book for Butte, Montana showing numerous features now gone or modified, including the Milwaukee trestle over the Northern Pacific Railway main line, Montana Street grade crossing prior to construction of the fill and bridge, Butte Yard and depot, including Union Pacific Railroad freight house, East Butte Yard	Article	26	3	16	6	NPRHA
Train Rides to Fargo and Other Places	Jeppesen, John	Mainstreeter	2007	Reminiscences by John Jeppesen about growing up with a father as a trainman in Minnesota.	Article	26	3	22	4	NPRHA
Pacific Car and Foundry's 50-foot Mechanical Reefers	Frissell, Chris	Mainstreeter	2007	History of 50-foot mechanical reefers built to PFE Plan R-70-14/-15 by Pacific Car and Foundry to numbers NPM 551-725, model pending in HO from Red Caboose. 3 photos, bibliography	Article	26	3	26	2	NPRHA
Web Site News	Tarbox, Gary	Mainstreeter	2007	New models being offered through The Company Store on the NPRHA website include 6 new laser-cut wood kits (photos on page 29), including HO Scale single bay tool shed, double bay tool shed, ice shed, trackside phone booth, double privy, and N scale motor car and fuel shed; NPRHA member Aaron Gjermundson is offering two HO resin kits through the Company Store – 53-foot flat car series Northern Pacific 64000to 64195 of 1948-1949, and stock car series Northern Pacific 83750 to 83999 of 1913; NPRHA member Dave Cooley has completed a detailed map book – Northern Pacific Fargo Division Maps of 1949; a discount for NPRHA members has been set up, and a description of the requirements and process is provided.	Column	26	3	28	2	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2007	Information about Wheel Reports and their usefulness to modelers; the April 2007 Railmodel Journal has numerous Northern Pacific features; request for information about Northern Pacific Transport paint schemes. NPT	Column	26	3	30	2	NPRHA
Convention Model Contest Winners	Fujii, John	Mainstreeter	2007	Photographs of contest winners for 2007 NPRHA Convention.	Photo	26	3	32	2	NPRHA
From the Archives	Borkan, Michael	Mainstreeter	2007	The Jackson Street Roundhouse collection includes the BNSF freight car photo collection with over 10,000 photographs; photographs of freight car brake wheels; the NPRHA and Great Northern Railway Historical Society have signed a long-term lease with the Minnesota Transportation Museum for use of the Jackson Street Roundhouse; The archives have begun scanning color slides from the Shannon Collection; recent acquisitions include Dave Umhauer's very large collection of Minnesota Train Register Books.	Column	26	3	34	2	NPRHA
Changing of the Guard	Oram, David	Mainstreeter	2007	Back cover color painting of crew change for the North Coast Limited at Fargo ND I 1948.	Painting	26	3	36	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2007	Warren McGee Photo Exhibit	Column	26	3	35	1	NPRHA

President's Message	Gary Tarbox	Mainstreeter	2007	Membership Progress	Column	26	3	35	1	NPRHA
Front Cover	House and Garden	Mainstreeter	2007	Mount Rainier and the North Coast Limited	Painting	26	4	1	1	NPRHA
Back Cover	J M Fredrickson	Mainstreeter	2007	Vanity Fair ad featuring a famous Thomas Moran painting touts the wonders of the Yellowstone Park Line.	Photo	26	4	36	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2007	Wooley Local	Column	26	4	2	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2007	2008 Tacoma Convention	Column	26	4	2	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2007	Corrections and Announcements	Column	26	4	3	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Eight Decades of Northern Pacific Advertising from the collection of Jim Fredrickson	Article	26	4	4	12	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - 2,000 Miles Through Nature's Scenic Wonderland - The Cosmopolitan.	Advertisem ent	26	4	4	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - The History of a Trade Mark in Wonderland	Advertisem ent	26	4	5	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - Lewis and Clark	Advertisem ent	26	4	5	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - Have You Ever Felt the Charm of the Farm?	Advertisem ent	26	4	6	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - Visit the California Expositions	Advertisem ent	26	4	6	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - North Coast Limited - An All Pullman Train	Advertisem ent	26	4	7	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - North Coast Limited - Exclusively Pullman	Advertisem ent	26	4	7	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - Air Conditioned ... Yes, and Roller Bearings	Advertisem ent	26	4	8	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - Travel in Privacy with Economy	Advertisem ent	26	4	8	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - How to Say "Goodbye" and Like It	Advertisem ent	26	4	9	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - Symbol of True Hospitality	Advertisem ent	26	4	9	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - Here comes another screw fro Hilter's coffin	Advertisem ent	26	4	10	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - We're in Action, too	Advertisem ent	26	4	10	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - How shippers enjoy a broadcast without hearing it!	Advertisem ent	26	4	11	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - Roll home for the holidays this low-cost luxury way!	Advertisem ent	26	4	11	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - Ever travel between Chicago and the Pacific Northwest? - The Saturday Evening Post	Advertisem ent	26	4	12	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - New Vista-Domes open up 2000 miles of Northwest scenery	Advertisem ent	26	4	13	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - Your Friendly Stewardess	Advertisem ent	26	4	13	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - Fascinating new club car for Northern Pacific travelers!	Advertisem ent	26	4	14	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - The Lark: What future is there for a bird that can't fly?	Advertisem ent	26	4	15	1	NPRHA
Madison Avenue and the Northern Pacific	T O Repp	Mainstreeter	2007	Ad - Should a railroad cry because it can't fly?	Advertisem ent	26	4	15	1	NPRHA
The Labs at Como Shops	John I Hillard	Mainstreeter	2007	The Labs at Como Shops	Article	26	4	16	4	NPRHA
The Labs at Como Shops	John I Hillard	Mainstreeter	2007	NP's Como Shop Complex circa 1925	Photo	26	4	16	1	NPRHA
The Labs at Como Shops	John I Hillard	Mainstreeter	2007	The laboratory building as it appeared looking southeast in 1912.	Photo	26	4	17	1	NPRHA

The Labs at Como Shops	John I Hillard	Mainstreeter	2007	Como Shops	Map	26	4	18	1	NPRHA
New Members		Mainstreeter	2007	New Members Listing	Table	26	4	20	1	NPRHA
A Jamestown Album, Part 3	Glenn Williams and Bill Kuebler	Mainstreeter	2007	A Jamestown Album, Part 3	Article	26	4	21	7	NPRHA
A Jamestown Album, Part 3	Glenn Williams	Mainstreeter	2007	From a ridge east of town we view the Mainstreeter No 2 behind F9 6702A, F7 6513B and F9 6701C on April 12, 1962	Photo	26	4	21	1	NPRHA
A Jamestown Album, Part 3	Glenn Williams	Mainstreeter	2007	No. 2 behind F7 6509A, F9s 6700B and 6701B on June 24, 1961.	Photo	26	4	22	1	NPRHA
A Jamestown Album, Part 3	Glenn Williams	Mainstreeter	2007	No. 2 F3s 6500A, 6500B and F9 6700A on June 24, 1961.	Photo	26	4	23	1	NPRHA
A Jamestown Album, Part 3	Glenn Williams	Mainstreeter	2007	No. 2 F3s 6500A, 6500B and F9 6700A on June 24, 1961.	Photo	26	4	23	1	NPRHA
A Jamestown Album, Part 3	Glenn Williams	Mainstreeter	2007	No. 4 with three baggage cars, an RPO and a coach behind F3 6506A, F7 6509C on June 2, 1961.	Photo	26	4	24	1	NPRHA
A Jamestown Album, Part 3	Glenn Williams	Mainstreeter	2007	No. 4 with three baggage cars, an RPO and a coach behind F3 6506A, F7 6509C on June 2, 1961.	Photo	26	4	25	1	NPRHA
A Jamestown Album, Part 3	Glenn Williams	Mainstreeter	2007	Business car Madison River on May 12, 1962	Photo	26	4	26	1	NPRHA
A Jamestown Album, Part 3	Glenn Williams	Mainstreeter	2007	No. 4 behind freight F7 6020D and GP(263 on July 26, 1962.	Photo	26	4	27	1	NPRHA
A Jamestown Album, Part 3	Glenn Williams	Mainstreeter	2007	F7 6511A and GP9 268 in the Jamestown Roundhouse	Photo	26	4	27	1	NPRHA
An Athearn Baggage Car Makeover	Steve Fuller	Mainstreeter	2007	An Athearn Baggage Car Makeover	Article	26	4	28	2	NPRHA
An Athearn Baggage Car Makeover	Steve Fuller	Mainstreeter	2007	The modified Athearn Baggage Car	Photo	26	4	28	1	NPRHA
An Athearn Baggage Car Makeover	Steve Fuller	Mainstreeter	2007	The original Athearn Baggage Car	Photo	26	4	28	1	NPRHA
An Athearn Baggage Car Makeover	Steve Fuller	Mainstreeter	2007	The stock Athearn car, with its truck-mounted couplers.	Photo	26	4	29	1	NPRHA
An Athearn Baggage Car Makeover	Steve Fuller	Mainstreeter	2007	The modified car with body-mounted Kadee No. 5 couplers.	Photo	26	4	29	1	NPRHA
An Athearn Baggage Car Makeover	Steve Fuller	Mainstreeter	2007	The finished product.	Photo	26	4	29	1	NPRHA
Modeling Column	John S Huber	Mainstreeter	2007	Modeling Column	Column	26	4	30	2	NPRHA
Modeling Column	John S Huber	Mainstreeter	2007	O Scale Stock Car	Photo	26	4	31	1	NPRHA
Modeling Column	John S Huber	Mainstreeter	2007	O Scale B-end of a Stock Car	Photo	26	4	31	1	NPRHA
From the Archives	Mark Borkan	Mainstreeter	2007	NP Drum and Bugle Corp	Column	26	4	32	2	NPRHA
From the Archives	Mark Borkan	Mainstreeter	2007	NP Drum and Bugle Corp taken in the late 1930s.	Photo	26	4	32	1	NPRHA
Northern Pacific Day Exhibits	Mike Borkan	Mainstreeter	2007	Sharon Siegfried shows off an Northern Pacific Stewardress-nurse outfit.	Photo	26	4	33	1	NPRHA
Northern Pacific Day Exhibits	Mike Borkan	Mainstreeter	2007	A collection of Great Big Baked Potato memorabilia.	Photo	26	4	33	1	NPRHA
Letters	Mainstreeter	Mainstreeter	2007	Letters to the Mainstreeter	Column	26	4	34	1	NPRHA
Front Cover	J M Fredrickson	Mainstreeter	2008	Class W-3 Mike 1800 takes the Mobase Local up South Tacoma Hill on the Prairie Line in 1953	Photo	27	1	1	1	NPRHA
Back Cover	J M Fredrickson	Mainstreeter	2008	A few moments earlier, the same train crossed Bridge 39 over Tacoma's Foss Waterway.	Photo	27	1	36	1	NPRHA
President's Report	Gary Tarbox	Mainstreeter	2008	2008 Convention	Column	27	1	2	1	NPRHA
President's Report	Gary Tarbox	Mainstreeter	2008	Volunteers Needed	Column	27	1	2	1	NPRHA
President's Report	Gary Tarbox	Mainstreeter	2008	Mailing Services	Column	27	1	2	1	NPRHA

President's Report	Gary Tarbox	Mainstreeter	2008	Membership Renewals	Column	27	1	2	1	NPRHA
President's Report	Gary Tarbox	Mainstreeter	2008	Store Mail Order Entry	Column	27	1	2	1	NPRHA
President's Report	Gary Tarbox	Mainstreeter	2008	Membership	Column	27	1	2	2	NPRHA
NP's Pool Trains 407-408	Bill Anderson	Mainstreeter	2008	Time of Trains, Portland, Tacoma-Seattle, Vancouver, B.C.	Article	27	1	4	8	NPRHA
NP's Pool Trains 407-408	J M Fredrickson	Mainstreeter	2008	NP Train 408 with Timken 2626	Photo	27	1	5	1	NPRHA
NP's Pool Trains 407-408	J M Fredrickson	Mainstreeter	2008	Southbound Train 408	Photo	27	1	5	1	NPRHA
NP's Pool Trains 407-408	J M Fredrickson	Mainstreeter	2008	F7 6506 and an F3 B-unit	Photo	27	1	6	1	NPRHA
NP's Pool Trains 407-408	J M Fredrickson	Mainstreeter	2008	NP Train 408 in solid Loewy colors at Tacoma Union Station	Photo	27	1	7	1	NPRHA
NP's Pool Trains 407-408	T O Repp	Mainstreeter	2008	Pool Train leaving Tacoma with SP&S F7s, GN and Northern Pacific Coaches and Burlington Dome and baggage-tavern on July 3, 1971.	Photo	27	1	8	1	NPRHA
NP's Pool Trains 407-408	T O Repp	Mainstreeter	2008	UP Pool Train with E9, coaches and a café-lounge on August 7, 1970.	Photo	27	1	8	1	NPRHA
NP's Pool Trains 407-408	J M Fredrickson	Mainstreeter	2008	1959 Timecard shows Northern Pacific Trains 401, 402, 407, 408, 456, 457, 459 and 460.	Photo	27	1	8	1	NPRHA
NP's Pool Trains 407-408	J M Fredrickson	Mainstreeter	2008	GN Pool Train 562 crossing Point Defiance Line in the early 1940's.	Photo	27	1	9	1	NPRHA
NP's Pool Trains 407-408	T O Repp	Mainstreeter	2008	GN Pool Train using utilitarian SDP40s on September 28, 1969.	Photo	27	1	9	1	NPRHA
NP's Pool Trains 407-408	J M Fredrickson	Mainstreeter	2008	UP Pool Train with two SP express cars in the early 1940's.	Photo	27	1	9	1	NPRHA
NP's Pool Trains 407-408	J M Fredrickson	Mainstreeter	2008	NP Train 406 by the ASARCO smelter at Ruston on May 16, 1968.	Photo	27	1	10	1	NPRHA
NP's Pool Trains 407-408	J M Fredrickson	Mainstreeter	2008	SP coach.	Photo	27	1	10	1	NPRHA
NP's Pool Trains 407-408	T O Repp	Mainstreeter	2008	NP Pullman-Standard	Photo	27	1	10	1	NPRHA
NP's Pool Trains 407-408	T O Repp	Mainstreeter	2008	Amtrak Cascades Train 507 southbound at Day Island on March 5, 2007.	Photo	27	1	11	1	NPRHA
NP's Pool Trains 407-408	J M Fredrickson	Mainstreeter	2008	Class A 2602, fitted with wartime headlight leaving Tacoma with Train 408 in 1942	Photo	27	1	11	1	NPRHA
Jim Fredrickson, Historian and Photographer	Gary Tarbox	Mainstreeter	2008	Jim Fredrickson, Historian and Photographer	Article	27	1	12	4	NPRHA
Jim Fredrickson, Historian and Photographer	J M Fredrickson	Mainstreeter	2008	Jim's first regualr job on August 25, 1953	Photo	27	1	12	1	NPRHA
Jim Fredrickson, Historian and Photographer	J M Fredrickson	Mainstreeter	2008	Telegraph Operator Fredrickson mans the levers in the 15th Street Tower in 1944.	Photo	27	1	13	1	NPRHA
Jim Fredrickson, Historian and Photographer	J M Fredrickson	Mainstreeter	2008	Jim hanging orders for Train 3, the Alaskan, on December 19, 1943 at Eagle Gorge	Photo	27	1	14	1	NPRHA
Jim Fredrickson, Historian and Photographer	J M Fredrickson	Mainstreeter	2008	Bride-to-be Cerate Curtis	Photo	27	1	14	1	NPRHA
Jim Fredrickson, Historian and Photographer	J M Fredrickson	Mainstreeter	2008	Working on his day off as moutnaintrick dispatcher, 1967.	Photo	27	1	15	1	NPRHA
Jim Fredrickson, Historian and Photographer	J M Fredrickson	Mainstreeter	2008	Jim demonstrates his Morse code skills	Photo	27	1	15	1	NPRHA
Tacoma, Jim Fredrickson Country, A portfolio of His Photography	Gary Tarbox	Mainstreeter	2008	Tacoma is Jim Fredrickson Country	Article	27	1	16	6	NPRHA
Tacoma, Jim Fredrickson Country, A portfolio of His Photography	J M Fredrickson	Mainstreeter	2008	The Gate Local, pwered by W-3 1804, meets the Mobase Local W-3 1897 at the 11th Street Bridge in 1953.	Photo	27	1	17	1	NPRHA
Tacoma, Jim Fredrickson Country, A portfolio of His Photography	J M Fredrickson	Mainstreeter	2008	Class W-3 1821 leads an eastbound extra at 21st Street in 1953.	Photo	27	1	17	1	NPRHA
Tacoma, Jim Fredrickson Country, A portfolio of His Photography	J M Fredrickson	Mainstreeter	2008	The westbound North Coast Limited and Mainstreamer limps through Moon Yard in April 1961.	Photo	27	1	18	1	NPRHA

Tacoma, Jim Fredrickson Country, A J M Fredrickson portfolio of His Photography		Mainstreeter	2008	NP GP9s 211 and 254 take the Mobase Local in April 1961.	Photo	27	1	18	1	NPRHA
Tacoma, Jim Fredrickson Country, A J M Fredrickson portfolio of His Photography		Mainstreeter	2008	Pool Train Fireman Al Harris hoops up orders at McCarver Station in the last 1940's.	Photo	27	1	19	1	NPRHA
Tacoma, Jim Fredrickson Country, A Mainstreeter portfolio of His Photography		Mainstreeter	2008	Tacoma, Commencement Bay and Tide Flats	Map	27	1	19	1	NPRHA
Tacoma, Jim Fredrickson Country, A J M Fredrickson portfolio of His Photography		Mainstreeter	2008	Class A 2608, in 1914, brings troop train off the Drawbridge Line into Reservation.	Photo	27	1	20	1	NPRHA
Tacoma, Jim Fredrickson Country, A J M Fredrickson portfolio of His Photography		Mainstreeter	2008	W-3 1776, the last steam engine on the Tacoma Division, with a Casey Jones excursion to Centralia on December 8, 1957.	Photo	27	1	20	1	NPRHA
Tacoma, Jim Fredrickson Country, A J M Fredrickson portfolio of His Photography		Mainstreeter	2008	W-3 Mike 1821 at 21st Street, Tacoma, in 1953.	Photo	27	1	21	1	NPRHA
Things To See and Do In Tacoma	Chuck Morrison	Mainstreeter	2008	While in Tacoma for the NPRHA Convention	Article	27	1	22	4	NPRHA
Things To See and Do In Tacoma	T O Repp	Mainstreeter	2008	Tacoma's Link light rail	Photo	27	1	23	1	NPRHA
Things To See and Do In Tacoma	T O Repp	Mainstreeter	2008	SoundTransit	Photo	27	1	23	1	NPRHA
Things To See and Do In Tacoma	T O Repp	Mainstreeter	2008	Northwest Railway Musuem at Snoqualmie	Photo	27	1	24	1	NPRHA
Things To See and Do In Tacoma	T O Repp	Mainstreeter	2008	Mount Rainier Scenic Railway at Mineral	Photo	27	1	25	1	NPRHA
Things To See and Do In Tacoma	T O Repp	Mainstreeter	2008	Camp 6 at Tacoma's Point Defience Park	Photo	27	1	25	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	Modeling Northern Pacific Consists	Column	27	1	26	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	Roster Balancing Forgeign-Road Cars	Column	27	1	26	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	Buried Treasures	Column	27	1	26	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	Missoula Yard on August 13, 1964	Photo	27	1	27	1	NPRHA
New 2007 Members		Mainstreeter	2008	New 2007 Members: Regular, Northern Pacific Veterans, Nomad Class, Canadian and International	Table	27	1	28	1	NPRHA
Building Northern Specific's HO Flatcar Kit	Ryan H Reed	Mainstreeter	2008	Building Northern Specific's HO Flatcar Kit	Column	27	1	29	3	NPRHA
Building Northern Specific's HO Flatcar Kit	Ryan H Reed	Mainstreeter	2008	The completed model with scrath-built grain drier load - full view.	Photo	27	1	29	1	NPRHA
Building Northern Specific's HO Flatcar Kit	Ryan H Reed	Mainstreeter	2008	The completed model with scrath-built grain drier load - under carriage.	Photo	27	1	30	1	NPRHA
Building Northern Specific's HO Flatcar Kit	Ryan H Reed	Mainstreeter	2008	The completed model with scrath-built grain drier load - under carriage.	Photo	27	1	30	1	NPRHA
Building Northern Specific's HO Flatcar Kit	Ryan H Reed	Mainstreeter	2008	The completed model with scrath-built grain drier load - under carriage.	Photo	27	1	31	1	NPRHA
Building Northern Specific's HO Flatcar Kit	Ryan H Reed	Mainstreeter	2008	The completed model with scrath-built grain drier load - full view.	Photo	27	1	31	1	NPRHA
Building Northern Specific's HO Flatcar Kit	Ryan H Reed	Mainstreeter	2008	Materials Not Supplied in the Kit	Table	27	1	31	1	NPRHA
Web Site News	Gary Tarbox	Mainstreeter	2008	The 1356: A Brave Engine	Column	27	1	32	1	NPRHA
Web Site News	Gary Tarbox	Mainstreeter	2008	N Scale Two Story Class C Depot	Column	27	1	32	1	NPRHA
Web Site News	Gary Tarbox	Mainstreeter	2008	Passenger Trains of Puget Sound	Column	27	1	32	1	NPRHA
Web Site News	Gary Tarbox	Mainstreeter	2008	Northern Pacific Railway Photo Archive	Column	27	1	32	1	NPRHA
Web Site News	Gary Tarbox	Mainstreeter	2008	Yellowstone by Train	Column	27	1	32	1	NPRHA
Web Site News	Gary Tarbox	Mainstreeter	2008	Past NPRHA Calendars	Column	27	1	32	1	NPRHA

From the Archives	Mike Borkan	Mainstreeter	2008	Origins of Northern Pacific Place Names	Column	27	1	33	3	NPRHA
From the Archives	Unknown	Mainstreeter	2008	Inside a roundhouse, looking out	Photo	27	1	33	1	NPRHA
Front Cover	T O Repp	Mainstreeter	2008	Northern Pacific rolling stock at Northwest Railway Museum in Snoqualmie	Photo	27	2	1	1	NPRHA
Back Cover	J M Fredrickson	Mainstreeter	2008	Selling the virtues of piggyback service, circa 1958	Photo	27	2	1	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2008	2009 Calendar	Column	27	2	2	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2008	2008 Tacoma Convention	Column	27	2	2	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2008	Volunteers	Column	27	2	2	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2008	More Help Needed	Column	27	2	2	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2008	Corrections	Column	27	2	2	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2008	Membership	Column	27	2	2	1	NPRHA
No Medals for the 5123 Crew	Ron Nixon	Mainstreeter	2008	Z-6 5120 eastbound out of Missoula on November 10, 1945	Photo	27	2	4	1	NPRHA
No Medals for the 5123 Crew	Ron Nixon	Mainstreeter	2008	Z-7 5123 at Missoula on September 27, 1945	Photo	27	2	7	1	NPRHA
No Medals for the 5123 Crew	Ron Nixon	Mainstreeter	2008	Z-6 5115 at Missoula on March 4, 1955	Photo	27	2	9	1	NPRHA
No Medals for the 5123 Crew	Ron Nixon	Mainstreeter	2008	Z-7 5123 out of Missoula on September 27, 1945	Photo	27	2	11	1	NPRHA
No Medals for the 5123 Crew	Ron Nixon	Mainstreeter	2008	Z-7 5123 and 32 Pullmans in tow	Photo	27	2	12	1	NPRHA
No Medals for the 5123 Crew	Ron Nixon	Mainstreeter	2008	DUKW "Duck" amphibious trucks	Photo	27	2	14	1	NPRHA
The Other Fellow's Job	J M Fredrickson	Mainstreeter	2008	An excerpted Digest of Army Rule and Regulations Governing Military Traffic on Railroads	Article	27	2	15	3	NPRHA
NP 1360	Don Greytak	Mainstreeter	2008	A Portrait of Northern Pacific Prairie Railroad	Article	27	2	18	2	NPRHA
NP 1360	Don Greytak	Mainstreeter	2008	Ad - Travel in Privacy with Economy	Drawing	27	2	18	1	NPRHA
1872 Yellowstone Surveying Expedition	John Lubetkin and Jerry Masters	Mainstreeter	2008	1872 Yellowstone Surveying Expedition	Article	27	2	20	5	NPRHA
1872 Yellowstone Surveying Expedition	Harper's Weekly	Mainstreeter	2008	Yellow Stone River and Mountains	Photo	27	2	20	1	NPRHA
1872 Yellowstone Surveying Expedition	Unknown	Mainstreeter	2008	General Rosser and survey staff	Photo	27	2	21	1	NPRHA
1872 Yellowstone Surveying Expedition	Unknown	Mainstreeter	2008	Eagle's Beak on the Yellowstone River	Photo	27	2	22	1	NPRHA
1872 Yellowstone Surveying Expedition	Unknown	Mainstreeter	2008	Campsite on the Musselshell River, 1873	Photo	27	2	22	1	NPRHA
1872 Yellowstone Surveying Expedition	Unknown	Mainstreeter	2008	1872 Map of Rosser's 1872 survey	Map	27	2	23	1	NPRHA
1872 Yellowstone Surveying Expedition	Unknown	Mainstreeter	2008	Survey crew relaxing on the Musselshell River, 1873	Photo	27	2	24	1	NPRHA
From the Archives	Mike Borkan	Mainstreeter	2008	Ditcherology and the Minnegazette	Article	27	2	25	3	NPRHA
From the Archives	Ditcher Catalog	Mainstreeter	2008	Northern Pacific #2 ditcher, 1909	Photo	27	2	25	1	NPRHA
From the Archives	American Hoist Catalog	Mainstreeter	2008	American Gopher Ditcher	Photo	27	2	26	1	NPRHA

From the Archives	American Railroad Ditcher Parts Repair Catalog	Mainstreeter	2008	Ditcher - Boom and shovel	Photo	27	2	27	1	NPRHA
From the Archives	American Railroad Ditcher Parts Repair Catalog	Mainstreeter	2008	Ditcher - bottom view of trucks	Photo	27	2	27	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	N Scale GS Gondolas	Column	27	2	28	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	HO 40-foot Combination Door Boxcars	Column	27	2	28	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	HO 65-foot Mill Gondola	Column	27	2	28	4	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	HO Covers Hoppers	Column	27	2	28	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	HO Chesapeake and Ohio Hoppers	Column	27	2	29	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	Modeling NP's X31 Round Rook Boxcars	Column	27	2	29	1	NPRHA
Early Pacific Division Depots	Chuck Soule	Mainstreeter	2008	Early Pacific Division Depots - Pacific Division	Article	27	2	30	6	NPRHA
Early Pacific Division Depots	L Wilson Clark	Mainstreeter	2008	Tenino Depot, 1885	Photo	27	2	30	1	NPRHA
Early Pacific Division Depots	Unknown	Mainstreeter	2008	Sopeneh (Vader) Depot, 1913	Photo	27	2	31	1	NPRHA
Early Pacific Division Depots	Unknown	Mainstreeter	2008	Winlock Depot, prior to 1912	Photo	27	2	32	1	NPRHA
Early Pacific Division Depots	Unknown	Mainstreeter	2008	Castle Rock Depot, second depot prior to 1892	Photo	27	2	32	1	NPRHA
Early Pacific Division Depots	Unknown	Mainstreeter	2008	Centerville (Centralia) Depot, prior to September 1883	Photo	27	2	33	1	NPRHA
Early Pacific Division Depots	Unknown	Mainstreeter	2008	Chehalis Depot	Photo	27	2	33	1	NPRHA
Early Pacific Division Depots	Unknown	Mainstreeter	2008	Puyallup Depot, 1883	Photo	27	2	34	1	NPRHA
Early Pacific Division Depots	Unknown	Mainstreeter	2008	Puyallup Depot, 1883	Photo	27	2	34	1	NPRHA
Early Pacific Division Depots	Unknown	Mainstreeter	2008	Early Pacific Division Depots - Pacific Division	Drawing	27	2	35	1	NPRHA
Front Cover	Joe Caron Collection	Mainstreeter	2008	Bay Window Caboose 1579	Photo	27	3	1	1	NPRHA
Back Cover	David Oram	Mainstreeter	2008	I've Been Workin' on the Railroad"	Painting	27	3	36	1	NPRHA
Inset	T O Repp	Mainstreeter	2008	2008 Tacoma Convention Excursion passes Eatonville	Photo	27	3	1	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2008	SD45 Restoration	Column	27	3	2	2	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2008	Jack Christensen Donation	Column	27	3	2	2	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2008	Convention Notes	Column	27	3	2	2	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2008	Convention Board Action	Column	27	3	2	2	NPRHA

President's Message	Gary Tarbox	Mainstreeter	2008	Corrections	Column	27	3	2	2	NPRHA
Department of Corrections	Tim Repp	Mainstreeter	2008	Department of Corrections	Column	27	3	3	1	NPRHA
Tacoma Convention Report	Gary Tarbox	Mainstreeter	2008	Tacoma Convention Report	Article	27	3	4	4	NPRHA
Tacoma Convention Report	Unknown	Mainstreeter	2008	Tacoma Union Station	Photo	27	3	4	1	NPRHA
Tacoma Convention Report	John Fujii	Mainstreeter	2008	Company Store offerings	Photo	27	3	4	1	NPRHA
Tacoma Convention Report	Unknown	Mainstreeter	2008	Gary Tarbox present Jim Fredrickson with a photo and commemorative plaque	Photo	27	3	5	1	NPRHA
Tacoma Convention Report	John Fujii	Mainstreeter	2008	Washington State History Museum's impressive HO layout.	Photo	27	3	5	1	NPRHA
Tacoma Convention Report	John Fujii	Mainstreeter	2008	Bill Kuebler moderates the veteran's panel	Photo	27	3	5	1	NPRHA
Tacoma Convention Report	Unknown	Mainstreeter	2008	Jan and Bill Taylor display their many books on Montana railroading.	Photo	27	3	6	1	NPRHA
Tacoma Convention Report	John Fujii	Mainstreeter	2008	Jack Christensen and his wife Gerrie donated proceeds from the sale of his fine paintings	Photo	27	3	6	1	NPRHA
Tacoma Convention Report	John Fujii	Mainstreeter	2008	Convention chair Jerry Pickell	Photo	27	3	7	1	NPRHA
Tacoma Convention Report	John Fujii	Mainstreeter	2008	Duane Durr calls out raffle winners	Photo	27	3	7	1	NPRHA
Tacoma Rail Excursion	T O Repp	Mainstreeter	2008	Tacoma Rail Excursion	Article	27	3	8	2	NPRHA
Tacoma Rail Excursion	Unknown	Mainstreeter	2008	Train time at Freighthouse Square	Photo	27	3	8	1	NPRHA
Tacoma Rail Excursion	T O Repp	Mainstreeter	2008	Rolling through the foggy countryside near Graham	Photo	27	3	8	1	NPRHA
Tacoma Rail Excursion	Unknown	Mainstreeter	2008	Group portrait at Eatonville	Photo	27	3	9	1	NPRHA
Tacoma Rail Excursion	T O Repp	Mainstreeter	2008	Jim Fredrickson punches tickets while Warren McGee checks for slackers.	Photo	27	3	9	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2008	Membership Status	Column	27	3	10	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2008	NPRHA Staffing Needs	Column	27	3	10	1	NPRHA
NP's 125th Anniversary	Jan Taylor	Mainstreeter	2008	NP's 125th Anniversary	Article	27	3	11	1	NPRHA
Boxcar Cabooses	Jim Dick	Mainstreeter	2008	Boxcar Cabooses	Article	27	3	12	6	NPRHA
Boxcar Cabooses	Joe Caron Collection	Mainstreeter	2008	Bay Window Caboose 1553 at Big Lake, Minnesota, sometime in the 1950s.	Photo	27	3	12	1	NPRHA
Boxcar Cabooses	Unknown	Mainstreeter	2008	Caboose 1559, at Brainerd Shops, rebuilt from boxcar 37256 on February 25, 1942	Photo	27	3	13	1	NPRHA
Boxcar Cabooses	Unknown	Mainstreeter	2008	Caboose 1559, 1942	Photo	27	3	14	1	NPRHA
Boxcar Cabooses	Unknown	Mainstreeter	2008	Interior view of Caboose 1552	Photo	27	3	15	1	NPRHA
Boxcar Cabooses	Jim Dick	Mainstreeter	2008	NP Bay Window Caboose Roster	Photo	27	3	16	1	NPRHA
Boxcar Cabooses	J H Remick	Mainstreeter	2008	Come Along for the Test Ride on 1559	Article	27	3	17	1	NPRHA
Missoula's 1922 Shopmen's Strike	Jan Taylor	Mainstreeter	2008	Missoula's 1922 Shopmen's Strike - A Local Perspective	Article	27	3	18	3	NPRHA
Missoula's 1922 Shopmen's Strike	R H McKay	Mainstreeter	2008	Men having lunch in a railroad business car, 1922	Photo	27	3	18	1	NPRHA
Missoula's 1922 Shopmen's Strike	Jan Taylor Collection	Mainstreeter	2008	Undated blueprint of Missoula Yard	Photo	27	3	19	1	NPRHA

Highball	Glenn A Staeheli - Compiled and Edited by Alice M Staeheli	Mainstreeter	2008	Highball - Memories of an Northern Pacific Railroader	Article	27	3	21	6	NPRHA
Highball	Glenn A Staeheli family collection	Mainstreeter	2008	Glenn firing Northern Pacific 2256 in the 1940s	Photo	27	3	21	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	Dissing and Pitching: Modeling Column Philosophy	Column	27	3	27	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	Brass, with Plenty of Steam	Column	27	3	27	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	Atlas HO Scale HH-660 Diesel	Column	27	3	29	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	Northern Pacific In Color, Volume 2, 1960 - 1970	Column	27	3	29	1	NPRHA
Some People Just Don't Like Railroads	Lubetkin, M. John	Mainstreeter	2008	Some People Just Don't Like Railroads	Article	27	3	30	1	NPRHA
Some People Just Don't Like Railroads	An Old Fogey	Mainstreeter	2008	The Other Side - Seven Irresistibly Cogent Reasons against Railroads, November 2, 1872	Article	27	3	30	1	NPRHA
Book Review	T O Repp	Mainstreeter	2008	Railfan Guide: Stampede Pass	Article	27	3	31	1	NPRHA
Model Contest Winners	John Fujii	Mainstreeter	2008	Kurt Armbruster's HO scale "what if" Superliner North Coast Limited	Photo	27	3	32	1	NPRHA
Model Contest Winners	T O Repp	Mainstreeter	2008	Bill Siefert's HO scale brass GE-44	Photo	27	3	32	1	NPRHA
Model Contest Winners	T O Repp	Mainstreeter	2008	Bryan Borovec's 1944 N scale Emergency boxcar	Photo	27	3	32	1	NPRHA
Model Contest Winners	T O Repp	Mainstreeter	2008	Bryan Borovec's N scale 24 foot cabooses	Photo	27	3	33	1	NPRHA
Model Contest Winners	T O Repp	Mainstreeter	2008	Dean O'Neill's HO scale Helena freight house	Photo	27	3	33	1	NPRHA
Model Contest Winners	T O Repp	Mainstreeter	2008	Dell King's HO scale wood trestle	Photo	27	3	32	1	NPRHA
From the Archives	Mike Borkan	Mainstreeter	2008	Section Houses	Article	27	3	34	2	NPRHA
From the Archives	Unknown	Mainstreeter	2008	South Aberdeen, WA in 1929	Photo	27	3	34	1	NPRHA
From the Archives	Unknown	Mainstreeter	2008	Section House, elevation	Drawing	27	3	34	1	NPRHA
From the Archives	Unknown	Mainstreeter	2008	Section House, first floor plan	Drawing	27	3	35	1	NPRHA
From the Archives	Unknown	Mainstreeter	2008	Section House, second floor plan	Drawing	27	3	35	1	NPRHA
Wait, Don't Step on it, it's a North Coast Limited	Robert Ray	Mainstreeter	2008	North Coast Limited Z scale	Photo	27	3	29	1	NPRHA
No Medals for the 5123 Crew	Robert Ehler	Mainstreeter	2008	No Medals for the 5123 Crew	Article	27	4	4	11	NPRHA
Front Cover	R R Wallin	Mainstreeter	2008	SD45s 3612 and 3620 at St Paul on April 14, 1970	Photo	27	4	1	1	NPRHA
Back Cover	EMD	Mainstreeter	2008	Inner workings of a twenty cylinder SD45	Photo	27	4	1	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2008	Join the 1883 Society	Column	27	4	2	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2008	Membership Renewals	Column	27	4	2	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2008	Tacoma Convention	Column	27	4	2	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2008	Bob Logan, Livingston Engineer	Column	27	4	30	1	NPRHA
President's Message	Lee Barnett	Mainstreeter	2008	Bob Logan, Livingston Engineer	Photo	27	4	30	1	NPRHA

From the Editor's Desk	Tim Repp	Mainstreeter	2008	From the Editor's Desk	Column	27	4	3		NPRHA
SD-45 Northern Pacific's Last Locomotive	Gary Tarbox	Mainstreeter	2008	SD-45 Northern Pacific's Last Locomotive	Article	27	4	4	7	NPRHA
SD-45 Northern Pacific's Last Locomotive	EMD	Mainstreeter	2008	EMD SD45	Drawing	27	4	5	1	NPRHA
SD-45 Northern Pacific's Last Locomotive	EMD	Mainstreeter	2008	SD45 car body being lowered onto its Flexicoil trucks at EMD's La Grange, IL plant in 1967	Photo	27	4	5	1	NPRHA
SD-45 Northern Pacific's Last Locomotive	J M Fredrickson	Mainstreeter	2008	SD45's control stand on 3601 in February 1967	Photo	27	4	6	1	NPRHA
SD-45 Northern Pacific's Last Locomotive	J M Fredrickson	Mainstreeter	2008	EMD 4353 and 4352 in Auburn on April 28, 1966	Photo	27	4	7	1	NPRHA
SD-45 Northern Pacific's Last Locomotive	J M Fredrickson	Mainstreeter	2008	EMD 3618 in Auburn in 1967	Photo	27	4	8	1	NPRHA
SD-45 Northern Pacific's Last Locomotive	J M Fredrickson	Mainstreeter	2008	EMD 3618 in Auburn in 1967	Photo	27	4	8	1	NPRHA
SD-45 Northern Pacific's Last Locomotive	Ron Nixon	Mainstreeter	2008	SD45 3608 and two GE U-Boats negotiate Skyline Trestle near Mullan Pass on June 25, 1967	Photo	27	4	9	1	NPRHA
SD-45 Northern Pacific's Last Locomotive	Ron Nixon	Mainstreeter	2008	Six EMD and GE diesels assault Evaro Hill outside Missoula on June 2, 1967	Photo	27	4	10	1	NPRHA
NP 3617's 41 Year Odyssey	T O Repp	Mainstreeter	2008	NP 3617's 41 Year Odyssey	Article	27	4	11	3	NPRHA
NP 3617's 41 Year Odyssey	J M Fredrickson	Mainstreeter	2008	NP 3617 on June 8, 1970	Photo	27	4	11	1	NPRHA
NP 3617's 41 Year Odyssey	T O Repp	Mainstreeter	2008	Eastbound BN train 176 at Old Stampede on May 26, 1979	Photo	27	4	12	1	NPRHA
NP 3617's 41 Year Odyssey	Kevin Piper	Mainstreeter	2008	Wisconsin Central 6714 in October 1990	Photo	27	4	12	1	NPRHA
NP 3617's 41 Year Odyssey	Tim Schandel	Mainstreeter	2008	Wisconsin Central 7495 in November 2008	Photo	27	4	13	1	NPRHA
NP 3617's 41 Year Odyssey	Bill Edgar	Mainstreeter	2008	Wisconsin Central 6495 and a sister at Rugby Junction on December 26, 1996	Photo	27	4	13	1	NPRHA
No. 1 Makes Up Time	David P Morgan	Mainstreeter	2008	The thermometer lingers near zero in Montana as the North Coast Limited battle the clock across Northern Pacific's toughest division	Article	27	4	14	5	NPRHA
No. 1 Makes Up Time	David P Morgan	Mainstreeter	2008	Number 1's 4,500 horsepower Electro-Motive idles in Butte,, Montana, Northern Pacific 6500	Photo	27	4	14	1	NPRHA
No. 1 Makes Up Time	George A Gloff	Mainstreeter	2008	Summit of Bozeman Pass,, Montana	Photo	27	4	16	1	NPRHA
No. 1 Makes Up Time	George A Gloff	Mainstreeter	2008	Four diesel units pulling and a 2-8-8-4 pushing on Bozeman Pass,, Montana	Photo	27	4	17	1	NPRHA
No. 1 Makes Up Time	George A Gloff	Mainstreeter	2008	Number 1 conquers the Continental Divide	Photo	27	4	18	1	NPRHA
Highball	Glenn A Staeheli	Mainstreeter	2008	Memoirs of a Railroader, Part Two	Article	27	4	18	7	NPRHA
Highball	Glenn A Staeheli	Mainstreeter	2008	Throwing Snow at Old Stampede	Article	27	4	19	1	NPRHA
Highball	J M Fredrickson	Mainstreeter	2008	Electric rotary snowplow No. 42 near Stampede in 1973	Photo	27	4	19	1	NPRHA
Highball	Glenn A Staeheli	Mainstreeter	2008	Winning a Fifth from Wily Willy	Article	27	4	20	1	NPRHA
Highball	Ron Nixon	Mainstreeter	2008	Z-8 Challenger No. 5139 along Idaho's Lake Rend Oreille on June 24, 1952	Photo	27	4	20	1	NPRHA
Highball	Glenn A Staeheli	Mainstreeter	2008	Rerailing FTs in my Sunday Best	Article	27	4	21	1	NPRHA
Highball	T O Repp	Mainstreeter	2008	FTs 5409A and 5409B at Auburn on September 27, 1969	Photo	27	4	21	1	NPRHA

Highball	Glenn A Staeheli	Mainstreeter	2008	The 1941 Cherry Train Wreck	Article	27	4	22	1	NPRHA
Highball	Warren McGee	Mainstreeter	2008	Wreck three miles east of Athol, Idaho	Photo	27	4	22	4	NPRHA
Highball	Warren McGee	Mainstreeter	2008	Wreck three miles east of Athol, Idaho	Photo	27	4	23	1	NPRHA
Highball	Glenn A Staeheli	Mainstreeter	2008	Making a Stop at Childs	Article	27	4	24	1	NPRHA
Highball	Ron Nixon	Mainstreeter	2008	Class A-5 No. 2689 near Paradise on August 15, 1954	Photo	27	4	25	1	NPRHA
Rocky Mountain Refugees: Drover Cars in 1969	Chris Frissell	Mainstreeter	2008	Rocky Mountain Refugees: Drover Cars in 1969	Article	27	4	26	2	NPRHA
Rocky Mountain Refugees: Drover Cars in 1969	Ron Nixon	Mainstreeter	2008	Drover cars 999999 and 999998 in Missoula on August 1, 1972	Photo	27	4	26	1	NPRHA
Rocky Mountain Refugees: Drover Cars in 1969	Ron Nixon	Mainstreeter	2008	Drover car stencil below reporting marks	Photo	27	4	27	1	NPRHA
Rocky Mountain Refugees: Drover Cars in 1969	Ron Nixon	Mainstreeter	2008	R N Ray aboard the 999999 on October 13, 1969	Photo	27	4	27	1	NPRHA
Rocky Mountain Refugees: Drover Cars in 1969	Ron Nixon	Mainstreeter	2008	Drover cars 999999 and 999998 in Missoula on August 1, 1972	Photo	27	4	27	1	NPRHA
Membership Recognition	Mainstreeter	Mainstreeter	2008	Membership Recognition	Column	27	4	28	1	NPRHA
Hues and Cries	Tim Repp	Mainstreeter	2008	The Great Model Railroad Paint Color Debate	Article	27	4	29	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	The North Bank Line and W&R	Column	27	4	32	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	NPM Refers from, Red Caboose	Column	27	4	32	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	Athabasca Passenger Car Kits	Column	27	4	32	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	Brass Car Sides	Column	27	4	32	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	Archer Surface Details	Column	27	4	32	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	Using Archer Rivets on an Northern Pacific Boxcar	Column	27	4	32	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	NP 7500 series double sliding door boxcar	Photo	27	4	32	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	Archer Surface Details	Photo	27	4	33	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2008	Archer rivet patterns	Photo	27	4	33	1	NPRHA
From the Archives	Mike Borkan	Mainstreeter	2008	Dick Levering Collection	Column	27	4	34	1	NPRHA
From the Archives	Mike Borkan	Mainstreeter	2008	Melvin Brown Collection	Column	27	4	34	1	NPRHA
From the Archives	Mike Borkan	Mainstreeter	2008	Richard Corbin Collection	Column	27	4	34	1	NPRHA
From the Archives	Mike Borkan	Mainstreeter	2008	Employee Time Tables	Column	27	4	34	1	NPRHA
From the Archives	Mike Borkan	Mainstreeter	2008	Articles of Incorporation	Column	27	4	34	1	NPRHA
From the Archives	Mike Borkan	Mainstreeter	2008	Daniel Roach Collection	Column	27	4	34	1	NPRHA
From the Archives	Mike Borkan	Mainstreeter	2008	Jerry Masters Collection	Column	27	4	34	1	NPRHA
From the Archives	Mike Borkan	Mainstreeter	2008	Lois Wager Collection	Column	27	4	34	1	NPRHA
From the Archives	Mike Borkan	Mainstreeter	2008	Dick Nicholson Collection	Column	27	4	34	1	NPRHA

From the Archives	Mike Borkan	Mainstreeter	2008	Nancy Hereid Collection	Column	27	4	34	1	NPRHA
From the Archives	Mike Borkan	Mainstreeter	2008	Fran Coyne Collection	Column	27	4	34	1	NPRHA
From the Archives	Mike Borkan	Mainstreeter	2008	John C Luecke Collection	Column	27	4	34	1	NPRHA
Front Cover	Jim Grunett	Mainstreeter	2009	A yard transfer with W-3 1806 in charge returns to Northtown Yard	Photo	28	1	1	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2009	President's Message	Column	28	1	2	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2009	New Mainstreeter Managing Editor	Column	28	1	2	1	NPRHA
Editor's Note	Tim Repp	Mainstreeter	2009	Editor's Mote	Column	28	1	3	1	NPRHA
The Twin Cities Joint Terminal	John Gaertner	Mainstreeter	2009	The Twin Cities Joint Terminal	Article	28	1	4	16	NPRHA
The Twin Cities Joint Terminal	John Gaertner	Mainstreeter	2009	NP Railway Company Joint Terminal Time Table 216	Photo	28	1	4	1	NPRHA
The Twin Cities Joint Terminal	Ron Nixon	Mainstreeter	2009	Class Q-4 2200 is in charge of Train NO. 62, NP's Twin Ports-Twin Cities Local on May 31, 1948	Photo	28	1	5	1	NPRHA
The Twin Cities Joint Terminal	Warren McGee	Mainstreeter	2009	Train No. 1, the North Coast Limited, eases out of St Paul Union Station on May 17, 1940	Photo	28	1	6	1	NPRHA
The Twin Cities Joint Terminal	John Gaertner	Mainstreeter	2009	Minneapolis & St Louis Joint Terminals 1947	Map	28	1	7	1	NPRHA
The Twin Cities Joint Terminal	Jim Grunett	Mainstreeter	2009	NP transfer waits along the GN switch Tender's shanty at First Street North	Photo	28	1	8	1	NPRHA
The Twin Cities Joint Terminal	Ron Nixon	Mainstreeter	2009	NP steam power and streamlined cars, the westbound North Coast Limited on August 23, 1948	Photo	28	1	9	1	NPRHA
The Twin Cities Joint Terminal	Jim Grunett	Mainstreeter	2009	Steam and piggybacks in the mid 1950's	Photo	28	1	10	1	NPRHA
The Twin Cities Joint Terminal	Joint Trackage Books	Mainstreeter	2009	Class L-10 0-6-0 No. 1161 is working in the cramped confines of Minneqapolist Lowe Yard in October 1926.	Photo	28	1	11	1	NPRHA
The Twin Cities Joint Terminal	John Gaertner	Mainstreeter	2009	St Paul 1903	Map	28	1	12	1	NPRHA
The Twin Cities Joint Terminal	John Gaertner	Mainstreeter	2009	St Paul 1905	Map	28	1	13	1	NPRHA
The Twin Cities Joint Terminal	Ron Nixon	Mainstreeter	2009	An excursion powered by T-1 2457 and Q-3 2457 on May 30, 1955	Photo	28	1	14	1	NPRHA
The Twin Cities Joint Terminal	John Gaertner	Mainstreeter	2009	Minneapolis 1907	Map	28	1	15	1	NPRHA
The Twin Cities Joint Terminal	Ron Nixon	Mainstreeter	2009	North Coast Limited, 6504, in January 1947	Photo	28	1	17	1	NPRHA
The Twin Cities Joint Terminal	John Gaertner	Mainstreeter	2009	Minneapolis	Map	28	1	18	2	NPRHA
Things To See and Do In White Bear Lake and The Twin Cities	Mike Borkan and Jim Dick	Mainstreeter	2009	Things To See and Do In White Bear Lake and The Twin Cities	Article	28	1	20	4	NPRHA
Things To See and Do In White Bear Lake and The Twin Cities	Mike Borkan	Mainstreeter	2009	NP Caboose No. 1264, built in 1901	Photo	28	1	20	1	NPRHA
Things To See and Do In White Bear Lake and The Twin Cities	Mike Borkan and Jim Dick	Mainstreeter	2009	White Bear Lake	Article	28	1	20	1	NPRHA
Things To See and Do In White Bear Lake and The Twin Cities	Mike Borkan and Jim Dick	Mainstreeter	2009	Notable Twin Cities Restaurants	Article	28	1	20	1	NPRHA

Things To See and Do In White Bear Lake and The Twin Cities	Mike Borkan and Jim Dick	Mainstreeter	2009	Stillwater	Article	28	1	20	1	NPRHA
Things To See and Do In White Bear Lake and The Twin Cities	Mike Borkan	Mainstreeter	2009	Rutledge Depot	Photo	28	1	21	1	NPRHA
Things To See and Do In White Bear Lake and The Twin Cities	Mike Borkan and Jim Dick	Mainstreeter	2009	Along the Stillwater Branch	Article	28	1	21	1	NPRHA
Things To See and Do In White Bear Lake and The Twin Cities	Mike Borkan and Jim Dick	Mainstreeter	2009	Maplewood	Article	28	1	21	1	NPRHA
Things To See and Do In White Bear Lake and The Twin Cities	Mike Borkan and Jim Dick	Mainstreeter	2009	St Paul Railfan Attraction	Article	28	1	21	1	NPRHA
Things To See and Do In White Bear Lake and The Twin Cities	Mike Borkan and Jim Dick	Mainstreeter	2009	St Paul General Interest Attractions	Article	28	1	21	1	NPRHA
Things To See and Do In White Bear Lake and The Twin Cities	Mike Borkan	Mainstreeter	2009	Como Shops in St Paul	Photo	28	1	22	1	NPRHA
Things To See and Do In White Bear Lake and The Twin Cities	Mike Borkan and Jim Dick	Mainstreeter	2009	Minneapolis Railfan Attractions	Article	28	1	22	1	NPRHA
Things To See and Do In White Bear Lake and The Twin Cities	Mike Borkan and Jim Dick	Mainstreeter	2009	Half-day or Longer Adventures North of White Bear Lake	Article	28	1	22	1	NPRHA
Things To See and Do In White Bear Lake and The Twin Cities	Mike Borkan and Jim Dick	Mainstreeter	2009	Local Hobby Shops	Article	28	1	23	1	NPRHA
Things To See and Do In White Bear Lake and The Twin Cities	Mike Borkan and Jim Dick	Mainstreeter	2009	NP Railroad Stations of note in Minnesota	Article	28	1	23	1	NPRHA
A 600 Serier Coach Kitbash	Steve Fuller	Mainstreeter	2009	A 600 Serier Coach Kitbash	Article	28	1	24	2	NPRHA
A 600 Serier Coach Kitbash	Steve Fuller	Mainstreeter	2009	The completed coash, numbered 626	Photo	28	1	24	1	NPRHA
A 600 Serier Coach Kitbash	Steve Fuller	Mainstreeter	2009	View of the reworked underbody	Photo	28	1	25	1	NPRHA
A 600 Serier Coach Kitbash	Steve Fuller	Mainstreeter	2009	A car slide with of the window frames removed.	Photo	28	1	25	1	NPRHA
A 600 Serier Coach Kitbash	Steve Fuller	Mainstreeter	2009	The new windows from a second set of car slides.	Photo	28	1	25	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	Brass Roundup	Column	28	1	26	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	Structures and Freight Car Trucks	Column	28	1	26	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	Red Caboose Mechanical Reefer Tweaks	Column	28	1	26	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	NPRHA Company Store's exclusive new HO Red Caboose NPM mechanical reefer	Photo	28	1	27	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	NPRHA Company Store's exclusive new HO Red Caboose NPM mechanical reefer - Roof detail	Photo	28	1	28	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	NPRHA Company Store's exclusive new HO Red Caboose NPM mechanical reefer - Vertical Stiffner	Photo	28	1	28	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	NPRHA Company Store's exclusive new HO Red Caboose NPM mechanical reefer - Underframe	Photo	28	1	28	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	Modeling an Northern Pacific Drover Car	Column	28	1	29	5	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	NP Drover Car No. 999999	Photo	28	1	29	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	Underframe, sides and ends	Column	28	1	29	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	NP Drover Car No. 999999 - assembling the carbody	Photo	28	1	30	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	NP Drover Car No. 999999 - an interior view	Photo	28	1	30	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	NP Drover Car No. 999999 - end view	Photo	28	1	30	2	NPRHA

Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	Carbody	Column	28	1	30	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	Interior Bracing and Weights	Column	28	1	30	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	NP Drover Car No. 999999 - interior roof joists	Photo	28	1	31	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	NP Drover Car No. 999999 - clamp roof braces	Photo	28	1	31	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	NP Drover Car No. 999999 - roof and carbody	Photo	28	1	31	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	End Details	Column	28	1	31	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	Bay Window Details	Column	28	1	31	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	Roof	Column	28	1	31	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	NP Drover Car No. 999999 - trucks	Photo	28	1	32	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	Truck and Bolsters	Column	28	1	32	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	Platform Step Details	Column	28	1	32	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	Platform Rails	Column	28	1	32	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	NP Drover Car No. 999999 - rear view	Photo	28	1	33	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	Coupler Boxes	Column	28	1	33	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	Handbrake Hardware	Column	28	1	33	1	NPRHA
Modeling an NP Drover Car	Chris Frissell	Mainstreeter	2009	Lettering	Column	28	1	33	1	NPRHA
Web Site News	Gary Tarbox	Mainstreeter	2009	Increased Horsepower for NPRHA.ORG	Column	28	1	34	1	NPRHA
Web Site News	Gary Tarbox	Mainstreeter	2009	Microfiche Scanning Project	Column	28	1	34	1	NPRHA
Web Site News	Gary Tarbox	Mainstreeter	2009	Catalogers Needed	Column	28	1	34	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2009	Pacific Northwest Railroad Archives	Column	28	1	35	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2009	Membership Renewals	Column	28	1	35	1	NPRHA
Back Cover	Don Greytak	Mainstreeter	2009	A portrait of Montana ranching and railroading	Drawing	28	1	36	1	NPRHA
Front Cover	Jack Christensen	Mainstreeter	2009	North Coast Limited crosses the Great Northern's Stone Arch Bridge over the Mississippi River in the Twin Cities	Painting	28	2	1	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2009	NP Charter's 145th Anniversary	Column	28	2	2	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2009	Pacific Northwest Railroad Archives	Column	28	2	2	1	NPRHA
Ron Nixon's Twin Cities	Ron Nixon	Mainstreeter	2009	Ron Nixon's Twin Cities, A Photographic Essay	Article	28	2	4	6	NPRHA
Ron Nixon's Twin Cities	Ron Nixon	Mainstreeter	2009	Saint Paul Cathedral	Photo	28	2	4	1	NPRHA
Ron Nixon's Twin Cities	Ron Nixon	Mainstreeter	2009	NP's first passenger F3 set, 6500 (A-B-C)	Photo	28	2	5	1	NPRHA
Ron Nixon's Twin Cities	Ron Nixon	Mainstreeter	2009	NP's first locomotive, the Minnetonka	Photo	28	2	5	1	NPRHA
Ron Nixon's Twin Cities	Ron Nixon	Mainstreeter	2009	Class T engine No. 2360 at Northtown, near Minneapolis, on June 23, 1948	Photo	28	2	6	1	NPRHA
Ron Nixon's Twin Cities	Ron Nixon	Mainstreeter	2009	Northtown	Article	28	2	6	1	NPRHA

Ron Nixon's Twin Cities	Ron Nixon	Mainstreeter	2009	Class W-5 No. 1859 on the turntable on June 23, 1948	Photo	28	2	6	1	NPRHA
Ron Nixon's Twin Cities	Ron Nixon	Mainstreeter	2009	Train No. 7 behind Class Q-6 No. 2257 on May 31, 1948	Photo	28	2	7	1	NPRHA
Ron Nixon's Twin Cities	Ron Nixon	Mainstreeter	2009	"SPUD"	Article	28	2	7	1	NPRHA
Ron Nixon's Twin Cities	Ron Nixon	Mainstreeter	2009	SW7 No. 110 on May 18, 1950	Photo	28	2	7	1	NPRHA
Ron Nixon's Twin Cities	Ron Nixon	Mainstreeter	2009	Extra 1859 West at White Bear Lake on June 23, 1948	Photo	28	2	8	1	NPRHA
Ron Nixon's Twin Cities	Ron Nixon	Mainstreeter	2009	White Bear lake and The Stillwater Branch	Article	28	2	8	1	NPRHA
Ron Nixon's Twin Cities	Ron Nixon	Mainstreeter	2009	Class S-10 4-6-0 No. 328 at White Bear Lake on September 18, 1949	Photo	28	2	9	1	NPRHA
Ron Nixon's Twin Cities	Ron Nixon	Mainstreeter	2009	No. 328 on the "Armstrong" turntable at Stillwater	Photo	28	2	9	1	NPRHA
New Kid at the Roundhouse gets into Hot Water	Ed Eckes	Mainstreeter	2009	New Kid at the Roundhouse gets into Hot Water	Article	28	2	10	2	NPRHA
New Kid at the Roundhouse gets into Hot Water	Ed Eckes	Mainstreeter	2009	Ed Eckes	Photo	28	2	10	1	NPRHA
New Kid at the Roundhouse gets into Hot Water	Ed Eckes	Mainstreeter	2009	NP 4023, a Z-3 Mallet at the Auburn Roundhouse on July 26, 1939	Photo	28	2	11	1	NPRHA
A Walk Through the Auburn Roundhouse	Ed Eckes	Mainstreeter	2009	A Walk Through the Auburn Roundhouse	Article	28	2	12	11	NPRHA
A Walk Through the Auburn Roundhouse	Al Farrow	Mainstreeter	2009	NP 1763 on the turntable on July 25, 1948	Photo	28	2	12	1	NPRHA
A Walk Through the Auburn Roundhouse	Ed Eckes	Mainstreeter	2009	How to Drop Wheels	Article	28	2	14	1	NPRHA
A Walk Through the Auburn Roundhouse	Al Farrow	Mainstreeter	2009	No. 1369, 1363 and 1732 at the roundhouse on May 18, 1946	Photo	28	2	15	1	NPRHA
A Walk Through the Auburn Roundhouse	Al Farrow	Mainstreeter	2009	NP 4006 beside crew locker room on June 5, 1944	Photo	28	2	16	1	NPRHA
A Walk Through the Auburn Roundhouse	Unknown	Mainstreeter	2009	Auburn Roundhouse and adjoining tracks	Map	28	2	16	1	NPRHA
A Walk Through the Auburn Roundhouse	Al Farrow	Mainstreeter	2009	NP 1207 takes a nosedive on August 3, 1939	Photo	28	2	17	1	NPRHA
A Walk Through the Auburn Roundhouse	Al Farrow	Mainstreeter	2009	Looking east from the roundhouse on April 4, 1943	Photo	28	2	17	1	NPRHA
A Walk Through the Auburn Roundhouse	Al Farrow	Mainstreeter	2009	A view of the engine terminal on June 22, 1958	Photo	28	2	18	1	NPRHA
A Walk Through the Auburn Roundhouse	Al Farrow	Mainstreeter	2009	NP 1372 on July 23, 1956	Photo	28	2	18	1	NPRHA
A Walk Through the Auburn Roundhouse	Al Farrow	Mainstreeter	2009	A view of the engine facility on May 25, 1946	Photo	28	2	19	1	NPRHA
A Walk Through the Auburn Roundhouse	Ed Eckes	Mainstreeter	2009	How to Light a Fire	Article	28	2	19	1	NPRHA
A Walk Through the Auburn Roundhouse	Al Farrow	Mainstreeter	2009	Locomotives parked beside the coal ramp on June 27, 1940	Photo	28	2	20	1	NPRHA
A Walk Through the Auburn Roundhouse	Al Farrow	Mainstreeter	2009	The boiler house and coal tipple on May 25, 1946	Photo	28	2	20	1	NPRHA
A Walk Through the Auburn Roundhouse	Al Farrow	Mainstreeter	2009	NP 1262, 1612 and 1782 on the east side of the roundhouse on April 6, 1955	Photo	28	2	21	1	NPRHA
A Walk Through the Auburn Roundhouse	Bill Wolverton	Mainstreeter	2009	NP 4015, a Z-3, in March 1941	Photo	28	2	22	1	NPRHA
Web Site News	Gary Tarbox	Mainstreeter	2009	New, Improved NPRHA.org	Column	28	2	23	1	NPRHA
Web Site News	Gary Tarbox	Mainstreeter	2009	Aperture Card Project	Column	28	2	23	1	NPRHA
Web Site News	Gary Tarbox	Mainstreeter	2009	Catalogers Needed	Column	28	2	23	1	NPRHA
Web Site News	Gary Tarbox	Mainstreeter	2009	Contact Us	Column	28	2	23	1	NPRHA

Frank Scobee, 1918 - 2009	Jim Fredrickson	Mainstreeter	2009	Frank Scobee, 1918 - 2009	Article	28	2	24	2	NPRHA
Frank Scobee, 1918 - 2009	Jim Fredrickson	Mainstreeter	2009	Frank Scobee in March 1972	Photo	28	2	24	1	NPRHA
Frank Scobee, 1918 - 2009	Jim Fredrickson	Mainstreeter	2009	Treasured Memories	Article	28	2	25	1	NPRHA
Frank Scobee, 1918 - 2009	Jim Fredrickson	Mainstreeter	2009	NP 2609, at Stampede	Photo	28	2	25	1	NPRHA
Frank Scobee, 1918 - 2009	Jim Fredrickson	Mainstreeter	2009	American Locomotive Company Builder Plate, No. 67020	Photo	28	2	25	1	NPRHA
Bjarne Overlie, 1908 - 2009	J A Phillips III	Mainstreeter	2009	Bjarne Overlie, 1908 - 2009	Article	28	2	26	2	NPRHA
Bjarne Overlie, 1908 - 2009	Jim Fredrickson	Mainstreeter	2009	Bjarne Overlie and Bob Downing on July 21, 2001	Photo	28	2	26	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	RPM Gathering for Northern Pacific Modelers	Column	28	2	27	4	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	Web Resource for Sunshine Models	Column	28	2	27	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	New Brass Steam Power	Column	28	2	28	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	O Scale: Northern Pacific 1369, Class S-4, 4-6-0	Photo	28	2	28	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	New Passenger Car Sides in HO and N	Column	28	2	28	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	New products in N and Z	Column	28	2	28	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	Miscellaneous HO News	Column	28	2	29	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	Athearns SD45s in HO	Column	28	2	29	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	Accurail's 40-foot Combination Door Boxcar: Second Look	Column	28	2	30	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	Manufactures and Contacts Cited in this Column	Column	28	2	30	1	NPRHA
From the Archives	Mike Borken	Mainstreeter	2009	The New Car Shops at Como	Column	28	2	31	3	NPRHA
From the Archives	Mike Borken	Mainstreeter	2009	Description of the Shops	Column	28	2	32	1	NPRHA
From the Archives	Mike Borken	Mainstreeter	2009	Car Shop at Como, track plan	Drawing	28	2	32	1	NPRHA
From the Archives	Mike Borken	Mainstreeter	2009	Description of the Buildings	Photo	28	2	32	1	NPRHA
From the Archives	Mike Borken	Mainstreeter	2009	A Short History of the Company	Column	28	2	32	1	NPRHA
From the Archives	Mike Borken	Mainstreeter	2009	Work Already Done	Column	28	2	33	1	NPRHA
NP Mystery Photo	Bill Wolverton	Mainstreeter	2009	NP Mystery Photo	Column	28	2	33	2	NPRHA
NP Mystery Photo	Bill Wolverton	Mainstreeter	2009	NP Mystery Photo	Photo	28	2	33	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2009	Calendar Sent With This Issue	Column	28	2	33	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2009	Membership Renewals	Column	28	2	33	1	NPRHA
Back Cover	Al Farrow	Mainstreeter	2009	NP 1369, 1636 and 1732 in the Auburn roundhouse on May 18, 1946	Photo	28	2	36	1	NPRHA
Front Cover	Craig Reese	Mainstreeter	2009	1966 Northern Pacific brochure promoting travel to Yellowstone National Park. The Northern Pacific published versions of this brochure through 1969.	Brochure	28	3	1	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2009	Gary Tarbox - Faster Mainstreeter Schedule, John Hillard, New Board Member, Pacific Northwest Railroad Archive, Changing Jobs, Member Renewals	Column	28	3	2		NPRHA

President's Message	Gary Tarbox	Mainstreeter	2009	Faster Mainstreeter Schedule	Column	28	3	2	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2009	John Hillard, New Board Member	Column	28	3	2	1	NPRHA
President's Message	Gary Tarbox	Mainstreeter	2009	Pacific Northwest Railroad Archive	Column	28	3	2	1	NPRHA
Working at Gardiner, 1957 - 1962	John Hillard	Mainstreeter	2009	A Gardiner Station Agent's Story	Article	28	3	4	6	NPRHA
Working at Gardiner, 1957 - 1962	Ron Nixon	Mainstreeter	2009	A lone Northern Pacific Transport bus waits to meet a Yellowstone Park Co. bus at Gardiner, Aug 10, 1957.	Photo	28	3	4	1	NPRHA
Working at Gardiner, 1957 - 1962	Robert Buettner	Mainstreeter	2009	Station Agent Robert Buettner, telegrapher Joe Gross and co-worker Pat Hoiland at Gardiner depot in 1957.	Photo	28	3	4	1	NPRHA
Working at Gardiner, 1957 - 1962	Northern Pacific	Mainstreeter	2009	NP's 1964 Yellowstone Park brochure.	Map	28	3	5	1	NPRHA
Working at Gardiner, 1957 - 1962	Northern Pacific	Mainstreeter	2009	NP's 1964 Yellowstone Park brochure.	Map	28	3	5	1	NPRHA
Working at Gardiner, 1957 - 1962	Ron Nixon	Mainstreeter	2009	Joe Machurski stands in front of the Gardiner freight depot July 10, 1966.	Photo	28	3	6	1	NPRHA
Working at Gardiner, 1957 - 1962	Ron Nixon	Mainstreeter	2009	A 1964 line change.	Photo	28	3	7	1	NPRHA
Working at Gardiner, 1957 - 1962	Warren McGee	Mainstreeter	2009	Dirt is dumped to fill in a bridge over Mol Heron Creek near Corwin Springs in April 1963.	Photo	28	3	7	1	NPRHA
Working at Gardiner, 1957 - 1962	Ron Nixon	Mainstreeter	2009	A freight from Gardiner arrives at Livingston on June 19, 1941.	Photo	28	3	8	1	NPRHA
Working at Gardiner, 1957 - 1962	Robert Buettner	Mainstreeter	2009	School buses line up at the Gardiner depot to handle Boy Scouts	Photo	28	3	8	1	NPRHA
Working at Gardiner, 1957 - 1962	Robert Buettner	Mainstreeter	2009	n 1961, Bob Buettner organized a van tour of Yellowstone for a group of North Coast Limited stewardess: Janet Sparks, Sally Omar, Karen Watt and Elizabeth Ramsey. Robert Buettner collection	Photo	28	3	9	1	NPRHA
Girl Scouts Visit Gardiner, 1965	TellTale	Mainstreeter	2009	NP Moves Girl Scout Specials to '65 Roundup - From the Northern Pacific Tell Tale, Sept 1965	Article	28	3	10	2	NPRHA
Girl Scouts Visit Gardiner, 1965	TellTale	Mainstreeter	2009	The Tell Tale's cover featured one of the Girl Scout trains at Gardiner.	Photo	28	3	10	1	NPRHA
Girl Scouts Visit Gardiner, 1965	Ron Nixon	Mainstreeter	2009	Gardiner station 1965.	Photo	28	3	11	1	NPRHA
Yellowstone Excursion Train Photos	Ron Nixon	Mainstreeter	2009	A Mystery Excursion	Article	28	3	12	2	NPRHA
Mystery Photo	Ron Nixon	Mainstreeter	2009	NP Passenger X6512W at Gardiner, circa 1965.	Photo	28	3	12	1	NPRHA
Mystery Photo	Ron Nixon	Mainstreeter	2009	NP Passenger X6512W at Gardiner, circa 1965.	Photo	28	3	12	1	NPRHA
Mystery Photo	Ron Nixon	Mainstreeter	2009	Buses waiting at Gardiner depot.	Photo	28	3	13	1	NPRHA
Mystery Photo	Ron Nixon	Mainstreeter	2009	Taxi with passengers at Gardiner depot.	Photo	28	3	13	1	NPRHA
Genealogy and the NP	Lorenz P Schrenk	Mainstreeter	2009	Genealogy and the Northern Pacific	Article	28	3	14	10	NPRHA
Genealogy and the NP	Unknown	Mainstreeter	2009	Thirteenth Census of the United States: 1910	Table	28	3	14	1	NPRHA
Genealogy and the NP	Unknown	Mainstreeter	2009	The Smell of Mole (And Silk)	Sidebar	28	3	15	1	NPRHA
Genealogy and the NP	James M Fredrickson	Mainstreeter	2009	In-house - James M Fredrickson collection	Sidebar	28	3	16	1	NPRHA
Genealogy and the NP	Unknown	Mainstreeter	2009	Seniority Books - Includes only the first 31 engineers on the Fargo Division seniority list.	Table	28	3	17	1	NPRHA
Genealogy and the NP	Unknown	Mainstreeter	2009	The Railroad Retirement Board, Section 7 - Compensation and Occupation Report for Leonard Knight, 1924 - 1931	Table	28	3	18	1	NPRHA
Genealogy and the NP	R M Crosby	Mainstreeter	2009	Mechanical Men - R M Crosby to H M Curry, May 2, 1924	Sidebar	28	3	19	1	NPRHA
Genealogy and the NP	TellTale	Mainstreeter	2009	Retirements - from the September 1965 edition of the Tell Tale	Table	28	3	20	1	NPRHA

Genealogy and the NP	TellTale	Mainstreeter	2009	Promotions - from the September 1965 edition of the Tell Tale	Table	28	3	20	1	NPRHA
Genealogy and the NP	Charles S Bihler and George Allen Hyle	Mainstreeter	2009	From Charles Bihler to China	Sidebar	28	3	21	1	NPRHA
Genealogy and the NP	Railway Age Gazette, August 29, 1913, p 373	Mainstreeter	2009	Trade Publications.	Sidebar	28	3	22	1	NPRHA
Genealogy and the NP	lcweb.loc.gov/coll/nuc/nucmtxt.html	Mainstreeter	2009	National Union Catalog of Manuscript Collection.	Sidebar	28	3	23	1	NPRHA
Mystery Photo	Bill Kuebler	Mainstreeter	2009	Extra 6001 West, FT No. 6001 (A, B, C, D), Test trip with Dynamometer Car 276 and new four unit FT locomotive on a westbound manifest freight, possibly No. 603.	Column	28	3	24	3	NPRHA
Mystery Photo	Ron Nixon	Mainstreeter	2009	Extra 6001 West, FT No. 6001 (A, B, C, D), Test trip with Dynamometer Car 276 and new four unit FT locomotive on a westbound manifest freight, possibly No. 603.	Photo	28	3	24	1	NPRHA
Mystery Photo	Bill Kuebler	Mainstreeter	2009	Extra 6001 West, FT No. 6001 (A, B, C, D), Test trip with Dynamometer Car 276 and new four unit FT locomotive on a westbound manifest freight, possibly No. 603.	Photo	28	3	25	1	NPRHA
Mystery Photo	Ron Nixon	Mainstreeter	2009	Extra 6001 West, FT No. 6001 (A, B, C, D), Test trip with Dynamometer Car 276 and new four unit FT locomotive on a westbound manifest freight, possibly No. 603.	Photo	28	3	26	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2009	Research Resources for Modelers: Northern Pacific Annual Repots	Column	28	3	28	4	NPRHA
Modeling	Ron Nixon	Mainstreeter	2009	Portrait of Northern Pacific line workers upgrading communications facilities at the southwest corner of the Missoula depot, August 18, 1966.	Photo	28	3	28	1	NPRHA
Modeling	Ron Nixon	Mainstreeter	2009	Montana Phosphate Products Co.'s Douglas concentrating plant near Philipsburg, Montana.	Photo	28	3	29	1	NPRHA
Modeling	Chris Frissell	Mainstreeter	2009	ExactRail HO Scale Pullman - Standard Covered Hopper: Shades of Gray	Column	28	3	29	1	NPRHA
Modeling	Chris Frissell	Mainstreeter	2009	Doug Complin and Allan Manson enjoy Rich Remierz's HO scale layout.	Photo	28	3	30	1	NPRHA
Modeling	Chris Frissell	Mainstreeter	2009	NHIX 900 - 999 Series 50 foot Steel Ice Reefer in HO - Sunshine Model and MDT	Column	28	3	30	1	NPRHA
Modeling	Chris Frissell	Mainstreeter	2009	Other New or Newly Available Items for Northern Pacific Modelers - HO scale Semaphore signals, cab curtains, HO scaler heavyweight Pullman cars, HO and N scale Depot Platform crossings, N scale 50 foot round roof car, HO and N scale covered hoppers, HO scale steel through truss bridge kit, O scale EMD GP - 7, N scale pewter cast kits of W - 3 and Z - 8	Column	28	3	30	1	NPRHA
Modeling	Chris Frissell	Mainstreeter	2009	New Northern Pacific Structure Kits Introduced at 2009 Convention in N, HO and O	Column	28	3	31	1	NPRHA
White Bear Lake Convention Photos	John Fuji	Mainstreeter	2009	NPRHA's White Bear Lake Convention, July 15 - 18	Article	28	3	32	4	NPRHA
White Bear Lake Convention Photos	John Fuji	Mainstreeter	2009	NP 328 undergoes cosmetic restoration.	Photo	28	3	32	1	NPRHA
White Bear Lake Convention Photos	John Fuji	Mainstreeter	2009	Larry Schrenk shows the triangle room archive storage area at Jackson Street to Mike Lusting and Mike Applegate	Photo	28	3	32	1	NPRHA
White Bear Lake Convention Photos	John Fuji	Mainstreeter	2009	Jack Christensen presents the history of Northern Pacific dieselization.	Photo	28	3	32	1	NPRHA
White Bear Lake Convention Photos	John Fuji	Mainstreeter	2009	The Iron Horse Central excursion train passes the Northern Pacific dynameter car (in BN paint).	Photo	28	3	33	1	NPRHA
White Bear Lake Convention Photos	John Fuji	Mainstreeter	2009	Veterans from the NP's St Paul and Lake Superior division: Nyals Kittel, Bud Rafferty, Ken Walkowiak, Dale Wright, Joe Donovan, Mike McMahon, Milt Rae, Jerry Masters, Bob Hanson, Jack Christensen, Michael Mackner, Steve Mackner, Andy Smoka, Mike Gamboni, Gary Nelson.	Photo	28	3	34	1	NPRHA

White Bear Lake Convention Photos	John Fuji	Mainstreeter	2009	Vita Muggi and Jim Dick cut an Northern Pacific Monad cake as Larry Schrenk takes a piece.	Photo	28	3	34	1	NPRHA
White Bear Lake Convention Photos	John Fuji	Mainstreeter	2009	Ken Walkowiak gives the keynote address.	Photo	28	3	34	1	NPRHA
White Bear Lake Convention Photos	John Fuji	Mainstreeter	2009	Barbara Hancock donated one of her Northern Pacific stewardess-nurse uniforms.	Photo	28	3	34	1	NPRHA
White Bear Lake Convention Photos	John Fuji	Mainstreeter	2009	Convention goers sort through vendors' offerings.	Photo	28	3	35	1	NPRHA
White Bear Lake Convention Photos	John Fuji	Mainstreeter	2009	Veterans Panel - John Hillard, Jesse Cannon, Ken Walkowiak, Jack Christensen, Lila Brekke.	Photo	28	3	35	1	NPRHA
Back Cover	Unknown	Mainstreeter	2009	The Gardiner depot in 1965. The utilitarian structure, which still stands in Gardiner, replaced a picturesque log building designed by Robert Reamer, the architect who created Yellowstone's Old Faithful Inn.	Photo	28	3	36	1	NPRHA
Front Cover	Matt Herson	Mainstreeter	2009	NP 3628 Extra East at Trident,, Montana	Photo	28	4	1	1	NPRHA
President's Message	Jan Taylor	Mainstreeter	2009	President's Message	Column	28	4	2	1	NPRHA
President's Message	Jan Taylor	Mainstreeter	2009	Twenty-Fifth Annual Convention	Column	28	4	2	1	NPRHA
The Lazarus Fleet: Leased Boxcars of the 1960s	Chris Frissell and Matt Herson	Mainstreeter	2009	Introduction	Article	28	4	4	9	NPRHA
The Lazarus Fleet: Leased Boxcars of the 1960s	Chris Frissell and Matt Herson	Mainstreeter	2009	Boxcar Shortage	Article	28	4	4	1	NPRHA
The Lazarus Fleet: Leased Boxcars of the 1960s	Unknown	Mainstreeter	2009	Western Union Telegram - Car shortage	Article	28	4	5	1	NPRHA
The Lazarus Fleet: Leased Boxcars of the 1960s	Chris Frissell and Matt Herson	Mainstreeter	2009	A New Lease on Life	Article	28	4	6	1	NPRHA
The Lazarus Fleet: Leased Boxcars of the 1960s	Ron Nixon	Mainstreeter	2009	Sawmill workers near Pablo, Mt	Photo	28	4	7	1	NPRHA
The Lazarus Fleet: Leased Boxcars of the 1960s	Henry Maywold	Mainstreeter	2009	NP's final lot of Morrison lease boxcars in 1967	Photo	28	4	8	1	NPRHA
The Lazarus Fleet: Leased Boxcars of the 1960s	Chris Frissell and Matt Herson	Mainstreeter	2009	Putting the Fleet to Work	Article	28	4	9	1	NPRHA
The Lazarus Fleet: Leased Boxcars of the 1960s	Unknown	Mainstreeter	2009	Letter from C H Burgess to Robert S Macfarlane	Article	28	4	9	1	NPRHA
The Lazarus Fleet: Leased Boxcars of the 1960s	Ron Nixon	Mainstreeter	2009	Ex DT&I boxcars follow Rayonier Logging Co. No. 2	Photo	28	4	10	1	NPRHA
The Lazarus Fleet: Leased Boxcars of the 1960s	Chris Frissell and Matt Herson	Mainstreeter	2009	End of the Fleet	Article	28	4	11	1	NPRHA
The Lazarus Fleet: Leased Boxcars of the 1960s	Unknown	Mainstreeter	2009	Roster of cars leased from A A Morrison and its subsidiary, Buffalo Railway Equipment Co	Photo	28	4	11	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Northern Pacific Transport, Part II: Coordinating Rails and Roads	Article	28	4	12	14	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Unknown	Mainstreeter	2009	The NPT in Montana, 1933 - 44 - Unit T-64, a 2901 Series passenger bus	Photo	28	4	13	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Expansion	Article	28	4	12	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Unknown	Mainstreeter	2009	NPT and Kenworth "Brucks"	Photo	28	4	14	1	NPRHA

Northern Pacific Transport, Part II: Coordinating Rails and Roads	Unknown	Mainstreeter	2009	Crown Body and Coach Corp, Unit T-15, 1954, Paradise - Spokane route	Photo	28	4	15	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Unknown	Mainstreeter	2009	Unit T-15 with cargo doors open	Photo	28	4	15	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	World War II	Article	28	4	15	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	The Postwar Years	Article	28	4	16	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Postwar Operations	Article	28	4	17	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Unknown	Mainstreeter	2009	Four of the five new Chevrolet passenger buses, bought in 1947 for Yellowstone Park	Photo	28	4	17	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Will Davis	Mainstreeter	2009	NPT buses operating in the Tacoma - Auburn corridor.	Photo	28	4	18	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Montana Routes	Article	28	4	19	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Billings - Glendive	Article	28	4	19	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Billings - Butte	Article	28	4	19	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Butte - Helena - Missoula	Article	28	4	19	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Helena - Garrison	Article	28	4	21	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Bozeman - Whitehall	Article	28	4	21	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Glendive - Sidney	Article	28	4	21	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Northern Pacific Transport Company and junction points	Map	28	4	20	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Glendive - Brockway	Article	28	4	22	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Billings - Bridger	Article	28	4	22	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Billings - Red Lodge	Article	28	4	22	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Red Lodge - Silver Gate Passenger	Article	28	4	22	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Unknown	Mainstreeter	2009	Postwar Studebaker pickup and delivery trucks at Billings freighthouse dock.	Photo	28	4	22	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Livingston - Gardiner	Article	28	4	23	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Livingston - Wilsall	Article	28	4	23	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Butte - Norris	Article	28	4	23	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Butte - Virginia City - Ennis	Article	28	4	23	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Drummond - Phillipsburg	Article	28	4	23	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Unknown	Mainstreeter	2009	Billings freighthouse dock and NPT Peterbilt tractor-semitrailer units	Photo	28	4	23	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Unknown	Mainstreeter	2009	Laurel freighthouse with 1945 Kenworth gas-motored tractor and Brown built 1940 aluminum 30 foot trailer.	Photo	28	4	24	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Missoula - Polson Passenger	Article	28	4	24	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Missoula - Darby Passenger	Article	28	4	24	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Missoula - Ronan	Article	28	4	24	1	NPRHA

Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Missoula - Darby Freight	Article	28	4	24	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Missoula - Kalispell Freight	Article	28	4	24	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Organization	Article	28	4	24	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Maintenance	Article	28	4	25	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Unknown	Mainstreeter	2009	Bus T - 60 on Beartooth Highway to Cooke City.	Photo	28	4	25	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Unknown	Mainstreeter	2009	Bus T - 60 leaves Billings in 1947	Photo	28	4	25	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	Traffic	Article	28	4	25	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Richard Yaremko	Mainstreeter	2009	NPT Legal Picture	Article	28	4	26	1	NPRHA
Northern Pacific Transport, Part II: Coordinating Rails and Roads	Ron Nixon	Mainstreeter	2009	One of the Combo units assigned to the Glendive - Brockway route.	Photo	28	4	27	1	NPRHA
NP Mystery Photo	Unknown	Mainstreeter	2009	NP Mystery Photo	Column	28	4	28	3	NPRHA
NP Mystery Photo	Unknown	Mainstreeter	2009	NP Mystery Photo 2A	Photo	28	4	28	1	NPRHA
NP Mystery Photo	Unknown	Mainstreeter	2009	Wrecker 31, May 14, 1954	Photo	28	4	29	1	NPRHA
NP Mystery Photo	Unknown	Mainstreeter	2009	Engine and first car near Milepost 13 and the West Fargo elevators	Photo	28	4	30	1	NPRHA
From the Archives	Mainstreeter	Mainstreeter	2009	Centralized Traffic Control	Column	28	4	30	3	NPRHA
Tracking the NP	Mainstreeter	Mainstreeter	2009	Tracking the NP	Column	28	4	32	2	NPRHA
Tracking the NP	Brian Ambrose	Mainstreeter	2009	TEMCO SW 1200	Photo	28	4	33	1	NPRHA
Tracking the NP	Brian Ambrose	Mainstreeter	2009	NP Headquarters in Tacoma	Photo	28	4	33	1	NPRHA
Tracking the NP	Brian Ambrose	Mainstreeter	2009	Tacoma Yard	Photo	28	4	34	1	NPRHA
Tracking the NP	Brian Ambrose	Mainstreeter	2009	Tacoma Roundtable	Photo	28	4	34	1	NPRHA
Back Cover	NPRHA Jim Fredrickson	Mainstreeter	2009	Crown built 41 Passenger bus, B41-20	Photo	28	4	38	1	NPRHA
President's Message	Jan Taylor	Mainstreeter	2009	Future Conventions	Column	28	4	35	1	NPRHA
President's Message	Jan Taylor	Mainstreeter	2009	Board of Directors Meeting	Column	28	4	35	1	NPRHA
President's Message	Jan Taylor	Mainstreeter	2009	Membership	Column	28	4	35	1	NPRHA
White Bear Lake Convention Modeling Contest Winners	Mainstreeter	Mainstreeter	2009	White Bear Lake Convention Modeling Contest Winners	Article	28	4	36	2	NPRHA
White Bear Lake Convention Modeling Contest Winners	Mainstreeter	Mainstreeter	2009	Andrew Hegstad's Q-5 Pacific 2245 in N scale	Photo	28	4	36	1	NPRHA
White Bear Lake Convention Modeling Contest Winners	Mainstreeter	Mainstreeter	2009	Steve Fuller' s HO end-door baggage car	Photo	28	4	36	1	NPRHA
White Bear Lake Convention Modeling Contest Winners	Mainstreeter	Mainstreeter	2009	David Coster's HO EMD passenger F units	Photo	28	4	36	1	NPRHA
White Bear Lake Convention Modeling Contest Winners	Mainstreeter	Mainstreeter	2009	David Coster's HO side-door caboose	Photo	28	4	37	1	NPRHA
White Bear Lake Convention Modeling Contest Winners	Mainstreeter	Mainstreeter	2009	Chris Frissell's HO Trailer on Flat car 65044	Photo	28	4	37	1	NPRHA

White Bear Lake Convention Modeling Contest Winners	Mainstreeter	Mainstreeter	2009	Andrew Hegstad's N scale gas electric B-13	Photo	28	4	37	1	NPRHA
White Bear Lake Convention Modeling Contest Winners	Mainstreeter	Mainstreeter	2009	Richard Yaremko's HO SD45 3600	Photo	28	4	37	1	NPRHA
Web Site News	Mainstreeter	Mainstreeter	2009	Web Site News	Column	28	4	38	2	NPRHA
Front Cover	Ron Nixon	Mainstreeter	2010	NP X5145-5117E through Spokane on April 5, 1953	Photo	29	1	1	1	NPRHA
President's Message	Jan Taylor	Mainstreeter	2010	President's Message	Column	29	1	2	1	NPRHA
President's Message	Jan Taylor	Mainstreeter	2010	26th Annual NPRHA Convention	Column	29	1	2	1	NPRHA
President's Message	Jan Taylor	Mainstreeter	2010	En Route	Article	29	1	2	1	NPRHA
Rising Above it All in Spokane	Verne Alexander	Mainstreeter	2010	Rising Above it All in Spokane - The Downtown Grade Separation Project	Article	29	1	4	22	NPRHA
Rising Above it All in Spokane	Verne Alexander	Mainstreeter	2010	In the Beginning There was a Horse Thief	Article	29	1	4	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Railroad Street	Photo	29	1	4	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Self propelled air mixer used by Pacific Concrete Placement	Photo	29	1	5	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Air mixer, Marvelous Contraption 2	Photo	29	1	5	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Looking northeast from Northern Pacific freight house.	Photo	29	1	6	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Detour Bridge being erected in 1912.	Photo	29	1	7	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Sprague and Division Street construction	Photo	29	1	7	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Sprague and Division Street construction completed	Photo	29	1	8	1	NPRHA
Rising Above it All in Spokane	Verne Alexander	Mainstreeter	2010	Then Came the Dog	Article	29	1	8	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Dead Man's Crossing prior to the grade separation.	Photo	29	1	9	1	NPRHA
Rising Above it All in Spokane	Verne Alexander	Mainstreeter	2010	Raise High the Tracks, Railroad!	Article	29	1	10	1	NPRHA

Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Looking from the east end of the depot toward Dead Man's Crossing.	Photo	29	1	10	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	1911 eastward view on Post or Wall Street	Photo	29	1	11	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Railroad Street	Photo	29	1	11	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Ground level view of the south face of the retaining wall.	Photo	29	1	12	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Looking northeast shows the basic configuration of the new bridges and subways.	Photo	29	1	13	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	View east from Stevens Street	Photo	29	1	13	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Looking west from Division Street shows two Dinkies	Article	29	1	14	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Excavation for the reconfiguration of Dead Man's Crossing.	Photo	29	1	15	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Acme Hotel	Photo	29	1	15	1	NPRHA
Rising Above it All in Spokane	Verne Alexander	Mainstreeter	2010	Enter Snidely Whiplash	Article	29	1	16	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	April 1916 view looking west	Photo	29	1	16	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Washington Street	Photo	29	1	17	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Concrete bridge over Washington Street	Photo	29	1	17	1	NPRHA

Rising Above it All in Spokane	Verne Alexander	Mainstreeter	2010	It was a Whopper!	Article	29	1	18	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	A string of 11 standard gauge side-dump cars	Photo	29	1	18	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Madison Street Bridge	Photo	29	1	19	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Downtown Spokane	Map	29	1	20	1	NPRHA
Rising Above it All in Spokane	Verne Alexander	Mainstreeter	2010	Why it's still called Hangman Creek.	Article	29	1	20	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Looking north on Howard Street	Photo	29	1	21	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Looking from atop a boxcar on either Wall or Howard Street	Photo	29	1	22	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Looking west at Third Avenue	Photo	29	1	23	1	NPRHA
Rising Above it All in Spokane	Unknown	Mainstreeter	2010	Erie Street Bridge	Photo	29	1	24	1	NPRHA
Rising Above it All in Spokane	Verne Alexander	Mainstreeter	2010	Table from J Newton Colver's April 1916 article	Article	29	1	25	1	NPRHA
Rising Above it All in Spokane	Verne Alexander	Mainstreeter	2010	About the Author	Article	29	1	25	1	NPRHA
Tracking The NP	Brian Ambrose	Mainstreeter	2010	Tracking The NP	Article	29	1	26	2	NPRHA
Tracking The NP	Brian Ambrose	Mainstreeter	2010	NP Station on West First Avenue in Spokane	Photo	29	1	26	1	NPRHA
Tracking The NP	Brian Ambrose	Mainstreeter	2010	Interior of Northern Pacific Station	Photo	29	1	26	1	NPRHA
Tracking The NP	Brian Ambrose	Mainstreeter	2010	South Washington Street Bridge crossing	Photo	29	1	27	1	NPRHA
Tracking The NP	Brian Ambrose	Mainstreeter	2010	South Washington Street Bridge NPRY and the faded Monad	Photo	29	1	27	1	NPRHA
Tracking The NP	Brian Ambrose	Mainstreeter	2010	South Washington Street Bridge	Photo	29	1	27	1	NPRHA
Remembering George Lamphier	Mainstreeter	Mainstreeter	2010	Comments from Earl J Currie, BN Regional Vice President	Article	29	1	28	1	NPRHA
Remembering George Lamphier	Mainstreeter	Mainstreeter	2010	Comments from John Hillard, BN Mechanical Department	Article	29	1	28	1	NPRHA
Remembering George Lamphier	Mainstreeter	Mainstreeter	2010	Comments from Bob Downing, BN President	Article	29	1	29	1	NPRHA
Remembering George Lamphier	Mainstreeter	Mainstreeter	2010	Comments from Norman Lorentzsen, BN President	Article	29	1	29	1	NPRHA
Remembering George Lamphier	Mainstreeter	Mainstreeter	2010	Comments from Jerry Masters, BN Assistant Chief Engineer	Article	29	1	29	1	NPRHA

Remembering George Lamphier	Mainstreeter	Mainstreeter	2010	Biography - George K Lamphier, 1917 - 2009	Article	29	1	29	1	NPRHA
NP Mystery Photo	Bill Kuebler	Mainstreeter	2010	NP Mystery Photo	Article	29	1	30	2	NPRHA
NP Mystery Photo	Bill Kuebler	Mainstreeter	2010	North Coast Limited, engine 6512 meets Alaskan 6503.	Photo	29	1	30	1	NPRHA
NP Mystery Photo	Bill Kuebler	Mainstreeter	2010	NP Mystery Photo	Photo	29	1	31	1	NPRHA
From the Archives	Mike Borkan	Mainstreeter	2010	Collection Focus: Melvin Brown Collection	Article	29	1	32	4	NPRHA
From the Archives	Melvin Brown	Mainstreeter	2010	Pile driving for the new Custer coal dock, November 27, 1939.	Photo	29	1	32	1	NPRHA
From the Archives	Melvin Brown	Mainstreeter	2010	View of the water tower, January 29, 1940	Photo	29	1	32	1	NPRHA
From the Archives	Melvin Brown	Mainstreeter	2010	Framing for the project, January 29, 1940	Photo	29	1	33	1	NPRHA
From the Archives	Melvin Brown	Mainstreeter	2010	View of track layout, May 12, 1940	Photo	29	1	34	1	NPRHA
From the Archives	Melvin Brown	Mainstreeter	2010	Completed coal dock	Photo	29	1	35	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	NP Freight Car Photos from Richard Burg	Column	29	1	36	4	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	Tahoe Model Works 50-ton Barber Lateral Motion Freight Car Trucks	Article	29	1	36	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	BLMA and ExactRail 4,000 Cubic Foot Covered Hoppers on N Scale	Article	29	1	36	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	2010 Convention Car: Northern Pacific 2,6000 Cubic foot Airslide Covered Hoppers	Article	29	1	36	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	Color Cards	Article	29	1	36	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	N Scale Red Caboose Mechanical Reefers	Article	29	1	37	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	GHQ New Northern Pacific Offerings in N Scale	Article	29	1	37	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	InterMountain F Units	Article	29	1	37	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	Green Wars Again	Article	29	1	37	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	ExactRail PS-2 4,427 Cubic foot Covered Hoppers in HO	Article	29	1	37	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	Tahoe Model Works double truss spring plankless trucks	Photo	29	1	37	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	Athearn Flexible Bus in NPT Colors	Article	29	1	38	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	Modeling the NP's 40 foot AAR Gondolas	Article	29	1	38	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	NP Gondola 59091 by Richard Yaremko	Photo	29	1	38	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	NP Gondola 59785 By Chris Frissell	Photo	29	1	38	1	NPRHA
President's Message	Jan Taylor	Mainstreeter	2010	Membership	Column	29	1	39	1	NPRHA
President's Message	Jan Taylor	Mainstreeter	2010	2009 Minutes	Column	29	1	39	1	NPRHA
President's Message	Jan Taylor	Mainstreeter	2010	Genealogy	Column	29	1	39	1	NPRHA

Back Cover	Ron Nixon	Mainstreeter	2010	NP 5111 near Marshall, Washington on June 22, 1951	Photo	29	1	40	1	NPRHA
Front Cover	Ron Nixon	Mainstreeter	2010	Freight #77 on Marent Trestle,, Montana. Includes Burlington, BN and Northern Pacific locomotive and GN boxcar.	Photo	29	2	1	1	NPRHA
Back Cover	Northwest Railway Museum	Mainstreeter	2010	Renovated Northern Pacific boxcar 14794	Photo	29	2	40	1	NPRHA
President's Message	Jan Taylor	Mainstreeter	2010	2010 Convention	Column	29	2	2	1	NPRHA
M-Day and the Days After	Ron Nixon	Mainstreeter	2010	Burlington Northern 1714 leads BN 9800 at the head of BN train #29 near Nagos,, Montana	Photo	29	2	4	1	NPRHA
M-Day and the Days After	Mainstreeter	Mainstreeter	2010	Forty Years Later, Northern Pacific Veterans Recall BN Merger, Part 1: Minnesota	Article	29	2	4	8	NPRHA
Northern Pacific Railway Co	Louis W Menk	Mainstreeter	2010	Letter dated February 16, 1970 from Louis W Menk regarding the merger	Photo	29	2	7	1	NPRHA
Introducing the Burlington Northern	Unknown	Mainstreeter	2010	A back-page ad from the BN timetable, April 26, 1970	Photo	29	2	8	1	NPRHA
Restoring Boxcar 14794	Richard R Anderson	Mainstreeter	2010	Restoring Boxcar 14794	Article	29	2	12	4	NPRHA
Restoring Boxcar 14794	Richard R Anderson	Mainstreeter	2010	Northern Pacific boxcar 14794 on Northern Pacific Museum Bridge 35 behind Thomas the Tank Engine	Photo	29	2	12	1	NPRHA
Restoring Boxcar 14794	Northwest Railway Museum	Mainstreeter	2010	Restored to its July 1953 appearance	Photo	29	2	13	1	NPRHA
Restoring Boxcar 14794	Builder's Photo	Mainstreeter	2010	A car from the same class in 1932	Photo	29	2	13	1	NPRHA
Restoring Boxcar 14794	Northwest Railway Museum	Mainstreeter	2010	Wood rot	Photo	29	2	14	1	NPRHA
Restoring Boxcar 14794	Northwest Railway Museum	Mainstreeter	2010	Mechanical damage	Photo	29	2	14	1	NPRHA
Restoring Boxcar 14794	Northwest Railway Museum	Mainstreeter	2010	Surface damage	Photo	29	2	14	1	NPRHA
Restoring Boxcar 14794	Northwest Railway Museum	Mainstreeter	2010	Richard Wilkens reattached the hand brake	Photo	29	2	15	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Chris Frissell and Matt Herson	Mainstreeter	2010	Leased Boxcars, Part 2: Round Roof Cars of 1961	Article	29	2	16	9	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Paul Dunn	Mainstreeter	2010	Detroit, Toledo and Ironton #12282, 40 foot round roof boxcar in Zanesville, Ohio	Photo	29	2	16	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Gary Rauch	Mainstreeter	2010	Detroit, Toledo and Ironton #13546, 40 foot round roof boxcar, circa 1965 at Kiski, PA	Photo	29	2	17	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Unknown	Mainstreeter	2010	Ex Detroit, Toledo and Ironton, 40 foot round roof box car, now Northern Pacific #39159	Photo	29	2	17	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Unknown	Mainstreeter	2010	NP #39241, 40 foot round roof boxcar	Photo	29	2	18	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Henry Mayward	Mainstreeter	2010	NP #39591, ex DT&I 50 foot round roof boxcar at Wenatchee, WA on November 9, 1974	Photo	29	2	19	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Unknown	Mainstreeter	2010	Norfolk and Western #52200, a B-3 class 50 foot round roof boxcar, circa 1939	Photo	29	2	19	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Howard Ameling	Mainstreeter	2010	NP #39675 on July 27, 1962 at Baltimore, MD	Photo	29	2	20	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Unknown	Mainstreeter	2010	40 Foot Steel Sheathed Box Car - XM	Drawing	29	2	21	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Unknown	Mainstreeter	2010	50 Foot Steel Sheathed Box Car - XAP	Drawing	29	2	21	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Unknown	Mainstreeter	2010	50 Foot Steel Sheathed Box Car - XM	Drawing	29	2	21	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Chris Frissell	Mainstreeter	2010	40 Foot Round Roof - Bower Kit	Photo	29	2	22	1	NPRHA

Leased Boxcars, Part 2: Round Roof Cars of 1961	Chris Frissell	Mainstreeter	2010	40 Foot Round Roof - Bower Kit	Photo	29	2	22	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Chris Frissell	Mainstreeter	2010	40 Foot Round Roof - Bower Kit	Photo	29	2	22	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Chris Frissell	Mainstreeter	2010	40 Foot Round Roof - Bower Kit X32	Photo	29	2	23	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Chris Frissell and Matt Herson	Mainstreeter	2010	Ex Detroit, Toledo and Ironton Cars of the Northern Pacific 39000 - 39343 and Northern Pacific 39500 - 39609 Series	Article	29	2	16	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Chris Frissell and Matt Herson	Mainstreeter	2010	Ex N&W 50 Foot Cars of the Northern Pacific 39610 - 39759 Series	Article	29	2	19	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Chris Frissell and Matt Herson	Mainstreeter	2010	Round Roof Cars in Northern Pacific Freight Service	Article	29	2	22	1	NPRHA
Leased Boxcars, Part 2: Round Roof Cars of 1961	Chris Frissell and Matt Herson	Mainstreeter	2010	Modeling the NP's Round Rook Boxcars	Article	29	2	23	1	NPRHA
Modeling Column	Unknown	Mainstreeter	2010	Modeling Column	Column	29	2	24	5	NPRHA
Modeling Column	Ron Nixon	Mainstreeter	2010	Children's Hour Group in Missoula,, Montana on September 13, 1969 with Frances Henderson	Photo	29	2	24	1	NPRHA
Modeling Column	Dean O'Neill	Mainstreeter	2010	Future Modeling Committee Chairman Dean O'Neill and brother Mark	Photo	29	2	25	1	NPRHA
Modeling Column	Unknown	Mainstreeter	2010	W&R - Northern Pacific T and T-1 2-6-2 Prairie	Column	29	2	26	1	NPRHA
Modeling Column	Unknown	Mainstreeter	2010	North Bank Line - Northern Pacific Class F-1 2-8-0	Column	29	2	26	1	NPRHA
Modeling Column	Unknown	Mainstreeter	2010	Precision Scale - Northern Pacific Class Q-5 4-6-2	Column	29	2	26	1	NPRHA
Modeling Column	Unknown	Mainstreeter	2010	Division Point - Northern Pacific Z - 5 2-8-8-4	Column	29	2	26	1	NPRHA
Modeling Column	Unknown	Mainstreeter	2010	Athearn - Genesis Line - GP	Column	29	2	27	1	NPRHA
Modeling Column	Unknown	Mainstreeter	2010	Accurail - 50 Foot, steel smooth side double sliding door boxcar	Column	29	2	27	1	NPRHA
Modeling Column	Unknown	Mainstreeter	2010	InterMountain - EMD FT A and B	Column	29	2	27	1	NPRHA
Modeling Column	Unknown	Mainstreeter	2010	Micro-Train Northern Pacific PS 2, 40 Foot Combination Boxcar	Column	29	2	28	1	NPRHA
Modeling Column	Unknown	Mainstreeter	2010	Brass Car Sides - Northern Pacific Holiday Lounge	Column	29	2	28	1	NPRHA
Modeling Column	Unknown	Mainstreeter	2010	Athearn - Northern Pacific Transport Colors	Column	29	2	28	1	NPRHA
Modeling Column	Unknown	Mainstreeter	2010	Publications	Column	29	2	28	1	NPRHA
Building Acquired for West End Archive	Gary Tarbox	Mainstreeter	2010	Building Acquired for West End Archive	Article	29	2	29	1	NPRHA
From the Archives	James Dick	Mainstreeter	2010	Fruit and Vegetables in Refrigerated Cars	Article	29	2	30	7	NPRHA
From the Archives	James Dick	Mainstreeter	2010	Refrigerated Car - Way Bill Chart	Chart	29	2	34	2	NPRHA
Tracking the NP	Brian Ambrose	Mainstreeter	2010	Sprague, WA Depot	Article	29	2	36	2	NPRHA
Tracking the NP	Brian Ambrose	Mainstreeter	2010	Ritzville, WA Tool shed	Photo	29	2	36	1	NPRHA
Tracking the NP	Brian Ambrose	Mainstreeter	2010	Sprague, WA Depot	Photo	29	2	37	1	NPRHA
Tracking the NP	Brian Ambrose	Mainstreeter	2010	Sprague, WA Depot	Photo	29	2	37	1	NPRHA
Tracking the NP	Brian Ambrose	Mainstreeter	2010	Ritzville, WA Depot	Photo	29	2	37	1	NPRHA
NP Mystery Photo	Bill Kuebler	Mainstreeter	2010	Extra 7000A East	Article	29	2	38	2	NPRHA
NP Mystery Photo	Bill Kuebler	Mainstreeter	2010	Extra 7000A East	Photo	29	2	38	1	NPRHA

NP Mystery Photo	Bill Kuebler	Mainstreeter	2010	Extra 7000A East	Photo	29	2	39	1	NPRHA
Front Cover	Ron Nixon	Mainstreeter	2010	NP 5008, a Z-5 east of Glendive,, Montana in September 1938	Photo	29	3	1	1	NPRHA
Back Cover	Roz Miller	Mainstreeter	2010	BNSF Business Cars and Montana Rail Link - August 2010 convention	Photo	29	3	36	1	NPRHA
President's Message	Jan Taylor	Mainstreeter	2010	2010 NPRHA Convention - Spokane	Column	29	3	1	1	NPRHA
Jesse Cannon's Inventive Career	J R Cannon	Mainstreeter	2010	Jesse Cannon's Inventive Career	Article	29	3	5	6	NPRHA
Jesse Cannon's Inventive Career	J R Cannon	Mainstreeter	2010	Engineer Sam Anderson and Fireman Jesse Cannon with Northern Pacific 2650, an A-2 Northern at Century of Progress Exposition in Chicago in 1934	Photo	29	3	5	1	NPRHA
Commissioner of Patents	J R Cannon	Mainstreeter	2010	Patent for a spark arrester to Jesse a Cannon and Arthur J Witham	Photo	29	3	5	1	NPRHA
Jesse Cannon's Inventive Career	J R Cannon	Mainstreeter	2010	NP 5008 with Minnetonka at Chicago's Century of Progress Exposition in 1933	Photo	29	3	6	1	NPRHA
Jesse Cannon's Inventive Career	J R Cannon	Mainstreeter	2010	World's Largest Steam Locomotive	Photo	29	3	6	1	NPRHA
Jesse Cannon's Inventive Career	J R Cannon	Mainstreeter	2010	NP 2650 in 1934	Photo	29	3	7	1	NPRHA
Jesse Cannon's Inventive Career	J F Fredrickson	Mainstreeter	2010	NP 1702, Class W-3 at Brainerd, MN in 1954	Photo	29	3	8	1	NPRHA
Jesse Cannon's Inventive Career	J F Fredrickson	Mainstreeter	2010	NP 2654 and Class A-2 2650 at Glendive,, Montana in 1953	Photo	29	3	8	1	NPRHA
Jesse Cannon's Inventive Career	J R Cannon	Mainstreeter	2010	Jesse Cannon in 1946	Photo	29	3	9	1	NPRHA
Merger Memories, Part 2: The View from the West	Bill Carlson	Mainstreeter	2010	Merger Memories, Part 2: The View from the West	Article	29	3	10	3	NPRHA
Merger Memories, Part 2: The View from the West	J F Fredrickson	Mainstreeter	2010	Train #26, the North Coast Limited, east of Seattle on March 3, 1970	Photo	29	3	10	1	NPRHA
Merger Memories, Part 2: The View from the West	Unknown	Mainstreeter	2010	Head Brakeman Arley Wold, Conductor Phil Gutenson, Rear Brakeman Basil Truax, Engineer Jim Exner and Fireman Jim Luiken on March 3, 1970	Photo	29	3	12	1	NPRHA
Robert W Downing, 1913 - 2010	Gary Tarbox	Mainstreeter	2010	Robert W Downing, 1913 - 2010	Article	29	3	12	2	NPRHA
Robert W Downing, 1913 - 2010	Burlington Northern Railroad	Mainstreeter	2010	Robert W Downing, 1975	Photo	29	3	13	1	NPRHA
Robert W Downing, 1913 - 2010	Olin Mills	Mainstreeter	2010	Robert W Downing - 2007	Photo	29	3	13	1	NPRHA
NP Transport Roster, 1935 - 1954	Richard Yaremko	Mainstreeter	2010	NP Transport Roster, 1935 - 1954	Article	29	3	14	10	NPRHA
NP Transport Roster, 1935 - 1954	Unknown	Mainstreeter	2010	T-66 or T-67 at Beartooth Highway between Red Lodge,, Montana and Yellowstone National Park	Photo	29	3	14	1	NPRHA
NP Transport Roster, 1935 - 1954	Unknown	Mainstreeter	2010	T-57 and T-59 Busses	Photo	29	3	15	1	NPRHA
NP Transport Roster, 1935 - 1954	Unknown	Mainstreeter	2010	Combo Unit	Photo	29	3	15	1	NPRHA
NP Transport Roster, 1935 - 1954	Unknown	Mainstreeter	2010	T-6 Bus	Photo	29	3	15	1	NPRHA
NP Transport Roster, 1935 - 1954	Unknown	Mainstreeter	2010	TT-2 General Motors Corporation trailer	Photo	29	3	15	1	NPRHA
NP Transport Roster, 1935 - 1954	Unknown	Mainstreeter	2010	17 Passenger Pony Cruiser, built by Kalamazoo Couch Works	Photo	29	3	16	1	NPRHA
NP Transport Roster, 1935 - 1954	Unknown	Mainstreeter	2010	Flxible Company Clipper bus	Photo	29	3	16	1	NPRHA
NP Transport Roster, 1935 - 1954	K F Roahen	Mainstreeter	2010	Flxible Company Visicoach B-29-22 bus on Beartooth Highway	Photo	29	3	17	1	NPRHA
NP Transport Roster, 1935 - 1954	Unknown	Mainstreeter	2010	20 passenger T-15 Crown Coach	Photo	29	3	17	1	NPRHA
NP Transport Roster, 1935 - 1954	Unknown	Mainstreeter	2010	List of Northern Pacific Equipment as of April 14, 1955	Chart	29	3	18	5	NPRHA
NP Transport Roster, 1935 - 1954	Unknown	Mainstreeter	2010	T-534 to T-538 series trucks at Seattle, WA, White 3014 model trucks with Brown aluminum van bodies - 1952	Photo	29	3	23	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	NP Modeling from this Convention to Next	Column	29	3	24	4	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	MicroTrains - BN Green billboard - Z Scale	Column	29	3	24	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	Athearn - Airslide Hopper - N Scale		29	3	24	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	Atlas - GP9 - N Scale	Column	29	3	25	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	InterMountain - Center Flow, 4,650 cubic foot, 100 ton, three bay, trough hatch covered hopper	Column	29	3	25	1	NPRHA

Modeling Column	Dave Cooley	Mainstreeter	2010	Model - Northern Pacific 75507, Airslide Covered Hopper	Photo	29	3	25	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	InterMountain - ACF design, 1958 cubic foot, 70 ton, rectangular hatch, two bay covered hopper	Column	29	3	26	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	ExactRail - Northern Pacific Covered Hopper, Pullman-Standard PS-2CD, 4,427 cubic foot, low-hip design	Column	29	3	26	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	Bachmann - GP9 - HO scale	Column	29	3	26	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	Portland Car and Foundry - Northern Pacific and SP&S freight cars - HO scale	Column	29	3	26	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	Kadee - Freight car trucks - HO Scale	Column	29	3	26	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	Tahoe Model Works - 70 ton solid bearing ASF Ride Control freight car trucks	Column	29	3	27	1	NPRHA
Modeling Column	Chris Frissell	Mainstreeter	2010	Decals in HO and O Scales	Column	29	3	27	1	NPRHA
From the Archives	Mike Borkam	Mainstreeter	2010	Warren McGee Donation	Article	29	3	28	1	NPRHA
From the Archives	Herman Schnitzmeyer	Mainstreeter	2010	NP train loaded with TN Ranch sheep, leaving Blatchford,, Montana on September 30, 1930	Photo	29	3	28	1	NPRHA
From the Archives	Herman Schnitzmeyer	Mainstreeter	2010	NP train loaded with TN Ranch sheep, leaving Blatchford,, Montana on September 30, 1930	Photo	29	3	28	1	NPRHA
From the Archives	John Fujii	Mainstreeter	2010	Warren McGee and his 1955 photo of the North Coast Limited	Photo	29	3	29	1	NPRHA
President's Message	Jan Taylor	Mainstreeter	2010	President's Message - cont	Column	29	3	29	1	NPRHA
NP Mystery Photo	Bill Kuebler	Mainstreeter	2010	Extra 304, West, GP9 304 and 310	Column	29	3	30	2	NPRHA
NP Mystery Photo	Unknown	Mainstreeter	2010	Extra 304, West, GP9 304 and 310	Photo	29	3	30	1	NPRHA
NP Mystery Photo	Ronald V Nixon	Mainstreeter	2010	Mixed freight	Photo	29	3	31	1	NPRHA
Spokane Convention - Model Display Room	John Fujii and Chris Frissell	Mainstreeter	2010	Spokane Convention - Model Display Room	Article	29	3	32	1	NPRHA
Spokane Convention - Model Display Room	John Fujii and Chris Frissell	Mainstreeter	2010	Phil Edmeister - Best of Show - Northern Pacific wood side caboose	Photo	29	3	32	1	NPRHA
Spokane Convention - Model Display Room	John Fujii and Chris Frissell	Mainstreeter	2010	NP B-12 gas electric	Photo	29	3	32	1	NPRHA
Spokane Convention - Model Display Room	John Fujii and Chris Frissell	Mainstreeter	2010	Bill Seifert - Alco 4-8-0 Northern Pacific #13	Photo	29	3	32	1	NPRHA
Spokane Convention - Model Display Room	John Fujii and Chris Frissell	Mainstreeter	2010	Chris Frissell - NPM 205, mechanical reefer	Photo	29	3	32	1	NPRHA
Spokane Convention - Model Display Room	John Fujii and Chris Frissell	Mainstreeter	2010	NP EMD late phase F3 passenger units 6510A and 6501B	Photo	29	3	33	1	NPRHA
Spokane Convention - Model Display Room	John Fujii and Chris Frissell	Mainstreeter	2010	Richard Yaremko	Photo	29	3	33	1	NPRHA
Spokane Convention - Model Display Room	John Fujii and Chris Frissell	Mainstreeter	2010	Steve Fuller - Northern Pacific 277 GP9	Photo	29	3	33	1	NPRHA
Spokane Convention - Model Display Room	John Fujii and Chris Frissell	Mainstreeter	2010	Richard Yaremko - Northern Pacific 1418, 1968 Brainerd built Ply-Pak double sliding door boxcar	Photo	29	3	33	1	NPRHA
Spokane Convention - Inside and Out	John Fujii	Mainstreeter	2010	Jim Fredrickson	Photo	29	3	34	1	NPRHA
Spokane Convention - Inside and Out	John Fujii	Mainstreeter	2010	Bud Cain	Photo	29	3	34	1	NPRHA
Spokane Convention - Inside and Out	John Fujii	Mainstreeter	2010	Bill Kuebler	Photo	29	3	34	1	NPRHA
Spokane Convention - Inside and Out	John Fujii	Mainstreeter	2010	Convention goers reboarding at Paradise,, Montana	Photo	29	3	35	1	NPRHA
Spokane Convention - Inside and Out	John Fujii	Mainstreeter	2010	Dave Franz punches Mike Power ticket	Photo	29	3	35	1	NPRHA
Spokane Convention - Inside and Out	John Fujii	Mainstreeter	2010	Mike Lustig and Mike Applegate	Photo	29	3	35	1	NPRHA
Rotary snow plow in Montana, 1949	McGee, Warren	Mainstreeter	2010	Cover photo of rotary plow on Shields River branch between Mission and Clyde Park, Mont., February 28, 1949	photo	29	4	1	1	NPRHA

President's Message	Taylor, Jan	Mainstreeter	2010	Jan Taylor has developed spreadsheet itemizing NPRHA managerial tasks, 100+ volunteers active in 37 positions on Board and committees. Keywords: Northern Pacific Railway Historical Association, NPRHA; Taylor, Jan	column	29	4	2	1	NPRHA
Snoqualmie's Silent Sentinels	Sullivan, Kent	Mainstreeter	2010	Timber trestles on North Bend branch; photos of Snoqualmie Falls from bridge 31, remains of trestles, views of trestles from Casey Jones Excursions train, June 9, 1968, and from freight trains. Keywords: North Bend branch, Snoqualmie Falls, Casey Jones Excursions, bridge, trestle	article	29	4	4	8	NPRHA
Merger Memories, part 3, the View From the West End	McCord, Bruce; Brown, Carl; Kelly, Ken; Hertog, John; Campbell, Roger; Gaunt, Robert; Haakonson, John; Grende, Donald; Heirman, Bob; Fredrickson, J. M.	Mainstreeter	2010	Employee perspectives on transition from Northern Pacific to Burlington Northern, 1970. Keywords: Burlington Northern Railroad merger, Northern Pacific Railway merger, railroad employee, McCord, Bruce; Brown, Carl; Kelly, Ken; Hertog, John; Campbell, Roger; Gaunt, Robert; Haakonson, John; Grende, Donald; Heirman, Bob; Fredrickson, James M.	article	29	4	12	6	NPRHA
Plowing the Shields River Branch	Hillard, John	Mainstreeter	2010	Clearing snow on branch line with rotary plow; photos of plow, steam locomotives, snowy right of way, crews, plow trains, Clyde Park,, Montana, station; Wilsall, Mont; map. Keywords: Shields River branch, Clyde Park, Wilsall, snow plow, rotary, Class W 2-8-2 Mikado-type locomotive, railroad employee, station	article	29	4	18	7	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2010	Solution for last Mystery Photo, query for next; photo of Northern Pacific 2675 Class A-4 4-8-4 on North Coast Limited near Kurtz, ND; crew members posing with Vista-Dome North Coast Limited during stop. Keywords: Northern Pacific 2675, Class A-4 4-8-4 Northern locomotive, North Coast Limited, railroad employee	column	29	4	25	3	NPRHA
West End Archive	Sherry, Ed	Mainstreeter	2010	NPRHA West End Archive at Pacific Northwest Railroad Archive taking shape: all material moved from temporary storage to new facility in Burien, WA, prepped for scanning and cataloging; PNRA founded by NPRHA, GNRHS, Milwaukee Road Historical Assoc., Boeing Employees Model RR Club, who together raised money to purchase and operate facility; PNRA introduced at Boeing Swap Meet in November, call for volunteers to scan, catalog, etc. on-site or from home, professional archivist and architect consulted on work needed to bring facility up to industry standards, attract grant funds, fulfill mission. Keywords: Pacific Northwest Railroad Archive, PNRA, Northern Pacific Railway Historical Association, NPRHA, West End Archive; Burien, WA	column	29	4	26	2	NPRHA
East End Archive	Borkan, Mike; Lavallee, Chuck	Mainstreeter	2010	Photos of ox carts and early depot, roundhouse, at Mandan	column	29	4	28	1	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2010	Portable dioramas, landscaping, new products, modeler Bruce Barney; photos of HO scale model freight train with F9 7011, freight cars, Bruce Barney, Duane Durr	column	29	4	29	5	NPRHA

Book Reviews	Lubetkin, John; Schrenk, Lorenz	Mainstreeter	2010	Reviews of The Classic Western American Railroad Routes (Cooper, Bruce); Eye of the Explorer, Views of the Northern Pacific Railroad Survey, 1853-1854 (McDermott, Paul; Grim, Ronald; Mobley, Philip); The Wisconsin Central in Illinois (Leider, David)	article	29	4	33	3	NPRHA
Bridge 31, Snoqualmie, Wash.	Sullivan, Kent	Mainstreeter	2010	Back cover photo of timber trestle	photo	29	4	36	1	NPRHA
NP 708 in yard at West Duluth	Gaertner, John	Mainstreeter	2011	Cover photo of ALCO S2 diesel switcher, yard, yard office. Keywords: Northern Pacific 708, S2 locomotive, West Duluth, railroad yard	photo	30	1	1	1	NPRHA
President's Message	Taylor, Jan	Mainstreeter	2011	Convention preparations, chair Jim Dick; new Mainstreeter editor Ed Sherry promises to get magazine "back on schedule"; new Company Store manager Al Ahlgrim working with Cooley, Vogel, Tarbox, others; updated NPRHA brochure; latest NPRHA minutes available online. Keywords: Northern Pacific Railway Historical Association, NPRHA	column	30	1	2	2	NPRHA
Summer Days in Duluth	Gaertner, John	Mainstreeter	2011	Photos of Duluth depot, yards, Northern Pacific diesels, servicing facility. Keywords: Duluth, station, railroad yard, railroad servicing facility, S2 locomotive, RS11 locomotive, GP9 locomotive	article	30	1	4	2	NPRHA
A Century in the Twin Ports: the NP in Duluth-Superior, 1879-1970	Gaertner, John	Mainstreeter	2011	History of Northern Pacific in area, photos of early grain elevators, W-3 Mikado 1833 and 4-4-0 locomotive 695 at coal dock, Central Avenue depot and junction, gas-electric car B-16, Class T Prairie locomotive 2463 and caboose in New Yard, W-3 Mikado and ore cars on ore dock, seven maps. Keywords: Duluth, Superior, Rices Point, Allouez, grain elevator, flour mill, ore dock, coal dock, Northern Pacific 704, S2 locomotive, Northern Pacific 1833, Class W-3 2-8-2 Mikado locomotive, Northern Pacific 695, 4-4-0 American-Standard locomotive, Northern Pacific B-16, gas-electric car, Northern Pacific 2463, Class T 2-6-2 Prairie locomotive, caboose, station, railroad yard,	article	30	1	6	16	NPRHA
Lila (Brekke) Kravetz, 1920-2011	Kuebler, Bill	Mainstreeter	2011	Passing of former North Coast Limited stewardess-nurse, photos of Kravetz. Keywords: Kravetz, Lila; stewardess-nurse, railroad employee	article	30	1	22	1	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2011	Solution for last Mystery Photo, query for next; photos of engineers Henry Morris and Oscar Latsch, conductor Ernie Summers, posing with Vista-Dome North Coast Limited at Livingston,, Montana; 4-6-6-4 locomotive 5119 on freight train. Keywords: Morris, Henry; Latsch, Oscar; Summers, Ernie; railroad employee, locomotive crew, engineer, conductor, North Coast Limited, passenger train, Northern Pacific 5119, Class Z-6 4-6-6-4 locomotive	column	30	1	23	5	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2011	New products, comments by several members on Northern Pacific modeling, photos of Frissell, Chris, and Montana Rail Link train derailed on former Northern Pacific branch at Moiese,, Montana	column	30	1	28	3	NPRHA
Website News	Tarbox, Gary	Mainstreeter	2011	Detailed instructions for using NPRHA online, searching photos, articles, information. Keywords: Northern Pacific Railway Historical Association, NPRHA.org; Tarbox, Gary	article	30	1	30	2	NPRHA

St. Croix Adopts NP Colors	Tarbox, Gary	Mainstreeter	2011	Use of Northern Pacific freight scheme by short line, photos of modified GP9 diesels on former Northern Pacific branch	article	30	1	32	2	NPRHA
Jack Parker, 1931-2010	Coster, David	Mainstreeter	2011	Deceased member, photos of Parker at convention and home. Keywords: Parker, Jack	article	30	1	34	2	NPRHA
St. Croix RR locomotive 1363	Wildung, Gary	Mainstreeter	2011	Back cover headon shot of diesel nose	photo	30	1	36	1	NPRHA
Caboose interior	Edminster, Phil	Mainstreeter	2011	Cover photo of interior of wood caboose 1324	photo	30	2	1	1	NPRHA
President's Message	Taylor, Jan	Mainstreeter	2011	Membership now exceeds 2011; NPRHA represented at railroad shows, enlisting new members; Northern Pacific color cards now for sale, Pacific Northwest Railroad Archive developing steadily, grant money incoming; Company Store manager Dave Cooley stepping down after five years; Board of Directors discuss how to better handle future events, seek member input; NPRHA 1883 Society now has 17 individuals giving highest level support to Association. Keywords: Northern Pacific Railway Historical Association, NPRHA 1883 Society, Pacific Northwest Railroad Archive, PNRA	column	30	2	2	2	NPRHA
Wooden Caboose No. 1324 (Jr.)	Edminster, Phil	Mainstreeter	2011	Modeling caboose, photos of Northern Pacific 1324, model exterior and interior details. Keywords: caboose, HO scale model	article	30	2	4	7	NPRHA
Leased Boxcars, part 3: Erie Double-door Cars of 1962	Frissell, Chris; Herson, Matt	Mainstreeter	2011	History and modeling of boxcars, photos, diagrams	article	30	2	12	8	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2011	Prototype scenes as modeling guides, photos of Northern Pacific steam locomotive Minnetonka, F3 diesel locomotive 6500, St. Paul passenger yard, moving Class Y-1 steam locomotive 25, ALCO RSD7 diesel locomotive demonstrators on Northern Pacific at Garrison,, Montana; 2-8-0 steam locomotive 20 switching circus train at Missoula; specialized boat-hauling freight car, new metal caboose, at Missoula. Keywords: Northern Pacific Minnetonka, Northern Pacific 6500, F3 locomotive, Northern Pacific 20, Class Y-1 2-8-0 Consolidation locomotive, RSD7 locomotive, circus train, freight car, caboose, railroad yard	column	30	2	20	8	NPRHA
Editor's Desk	Sherry, Ed	Mainstreeter	2011	Member information on Class Y-2 locomotive 2463; photos of bridge 31.2 on North Bend branch	column	30	2	28	2	NPRHA
Book Review	Kuebler, Bill	Mainstreeter	2011	Review of Northern Pacific Pioneer Steam Era (Schrenk, Lorenz; Frey, Robert)	article	30	2	30	2	NPRHA

NP Mystery Photo	Kuebler, Bill	Mainstreeter	2011	Solution for previous photo, query for next; photo of Northern Pacific 5119 4-6-6-4 on freight train east of Granite, ID; photos of eastbound freight and westbound Mainstreeter at Peak, ND. Keywords: Northern Pacific 5119, Class Z-6 4-6-6-4 locomotive, freight train, Mainstreeter, passenger train	column	30	2	31	3	NPRHA
West End Archive	Sherry, Ed	Mainstreeter	2011	Facility work at Pacific Northwest RR Archive, acquisition of scanners and other equipment, weekly work sessions planned; NPRHA, GNRHS, Cascade Rail Foundation representing PNRA, win \$18,500 grant from Washington State Dept. of Archaeology and Historic Preservation to fund scanning and cataloging of 6,000 train sheets, post on websites; BNSF grants PNRA \$7500, Microsoft \$5000. Company Store inventory to move from Raymond, WA, to PNRA. Keywords: Pacific Northwest Railroad Archive, PNRA	column	30	2	33	1	NPRHA
Tacoma Union Station Marks 100 Years	Sherry, Ed	Mainstreeter	2011	Report on May 1, 2011, centennial ceremony for station, photos of station in 1930s, 1967, and on last day of operation with Amtrak train 11, Coast Starlight; Ed Berntsen and Jim Fredrickson. Keywords: Tacoma Union Station, station, Amtrak Coast Starlight; Berntsen, Ed; Fredrickson, James M.	article	30	2	34	2	NPRHA
West window of Tacoma Union Station	Fredrickson, James M.	Mainstreeter	2011	Back cover photo of window from inside station	photo	30	2	36	1	NPRHA
FT locomotive on freight train at Sumas, WA	Burrows, Roger	Mainstreeter	2011	Cover photo of FT 5400 arriving with train 675, 1959. Keywords: Northern Pacific 5400, FT locomotive, trains 675/676, freight train, Sumas, WA	photo	30	3	1	1	NPRHA
President's Message	Taylor, Jan	Mainstreeter	2011	One hundred members attend Carlton convention, veterans panel describe Northern Pacific work, Modeling Committee debuts new interactive event, hosts Jim and Vita Dick and volunteers acknowledged; Board Members change; Bob Horne and Grants Committee formalize grant award policy, application now available online. Keywords: Northern Pacific Railway Historical Association, NPRHA; Dick, James C.	column	30	3	2	2	NPRHA
Sumas, Washington, and Trains 675/676, Part 1	Sullivan, Kent; Sprau, David; Fredrickson, Jim	Mainstreeter	2011	Study of freight train operations to and in Sumas, WA; daily run of trains 675/676, switching, history of Sumas line; photos of FT diesel 5406 on train 675 at Sedro-Woolley, Sumas depot, diesel locomotives and freight cars at depot, Black River depot, Renton depot, FTs on train 675 at Bellevue, Kirkland depot, Woodinville depot, Snohomish depot, Northern Pacific 5407 on train 675 at Cathcart, train 675 on Stillaguamish bridge at Arlington, Arlington depot, Sedro-Woolley depot, GP9 diesels on train 675, Wickersham depot, map, timetables. Keywords: Northern Pacific 5406, Northern Pacific 5407, FT locomotive; Northern Pacific 217, GP9 locomotive, trains 675/676, freight train, Sumas, Sedro-Woolley, Arlington, Bellevue, Black River, Renton, Kirkland, Woodinville, Snohomish, Wickersham, station, railroad yard, signal equipment, Stillaguamish River, bridge	article	30	3	4	18	NPRHA

NP 2164 Restored, Sheltered	Booth, Dr. Michael	Mainstreeter	2011	Report on history and cosmetic restoration of engine; photos of engine on train in St. Paul, being moved to display site, on display before, during, and after latest restoration. Keywords: Northern Pacific 2164, Class Q-4 4-6-2 Pacific locomotive, passenger train	article	30	3	22	6	NPRHA
PNRA	Sherry, Ed	Mainstreeter	2011	Pacific Northwest Railroad Archive begins operation in summer, completes phase one of facility improvements (long list of work done), installs computer stations, scanner, compacting shelving for basement; founding organizations confer on cataloging, priorities; five grants totalling \$72,500 received (list of donors); NPRHA and GNRHS contract with PNRA to fill orders; finished year with \$131,500 in contributions and long-term loans, major capital campaign planned for fall. Keywords: Pacific Northwest Railroad Archive, PNRA; Northern Pacific Railway Historical Association, NPRHA	article	30	3	28	1	NPRHA
Modeling Column	Repp, Tim	Mainstreeter	2011	Recent products, photo of HO model ALCO HH660 in Northern Pacific colors	column	30	3	29	1	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2011	Solution of previous photo, query for next, photos of freight train and Mainstreeter at Peak, ND; overturned diesel locomotive and freight cars in wreck.	column	30	3	30	2	NPRHA
Convention in Carlton, July 13-16	Fujii, John	Mainstreeter	2011	Report, photos of convention activities, participants. Keywords: Northern Pacific Railway Historical Association, NPRHA, convention	article	30	3	32	3	NPRHA
NPRHA Launches Program of Preservation Grants	Sherry, Ed	Mainstreeter	2011	New program of "limited number of modest grants" to support NP-related preservation projects, details and applications at NPRHA.org, beginning each calendar year, to applications by August 1. Keywords: Northern Pacific Railway Historical Association, NPRHA, grants	article	30	3	35	1	NPRHA
Editor's Desk	Sherry, Ed	Mainstreeter	2011	New Photo Gallery feature planned for The Mainstreeter to share convention slide shows for wider audience	column	30	3	35	1	NPRHA
Doubleheaded 4-8-4s on freight train	Priebe, Norman F.	Mainstreeter	2011	Back cover photo of doubleheaded 4-8-4 locomotives leading freight train, Class A-4 Northern 2677 in front. Keywords: Northern Pacific 2677, Class A-4 4-8-4 Northern locomotive, freight train	photo	30	3	36	1	NPRHA
Vista-Dome North Coast Limited at Ellensburg	Herson, Matthew J.	Mainstreeter	2011	Cover photo of train led by F9 6700C standing at station. Keyword: Northern Pacific 6700C, F9 locomotive, Vista-Dome North Coast Limited, passenger train, Ellensburg, WA; station	photo	30	4	1	1	NPRHA

President's Message	Taylor, Jan	Mainstreeter	2011	Smooth Carlton convention thanks to volunteers, Ed Sherry getting Mainstreeter on schedule and using latest technology, new Board members, bylaws amended to include Modeling Committee under Article 5 (p. 29), prep underway for first NPRHA Butte convention; work on GN-NP Joint Archive.org, transcribing Schrenk index of map collection at Jackson St. Roundhouse, PNRA volunteers busy scanning more Northern Pacific documents; scanning Mainstreeter needed, only a few done yet. Keywords: Northern Pacific Railway Historical Association, NPRHA, Jackson Street Roundhouse, Pacific Northwest Railroad Archive, GN-NP Joint Archive	column	30	4	2	2	NPRHA
Long-Awaited Ellensburg Depot Restoration Under Way	Condit, Erin; Dick, James	Mainstreeter	2011	Report on history of depot and recent restoration, photos of redone exterior and interior, train 5 with F3 6504 at depot in snow, depot in 1967, cabooses 1714 on display. Keywords: Ellensburg, WA; station, passenger train, trains 5/6, Northern Pacific 6504, F3 locomotive	article	30	4	4	6	NPRHA
Sumas, Washington, and Trains 675/676, Part 11	Sullivan, Kent; Sprau, David; Fredrickson, Jim	Mainstreeter	2011	Facilities and operations at Sumas, motive power on Sumas trains, rolling stock, banana trains, wrecks, Milwaukee Road in Sumas, Canadian connection roads; photos of GP9s 228 and 250 switching at Sumas, former customs shed, Baldwin VO-660, Mikado 1677, cabooses 1704 and 1708, Elenbaas feed mill, FT and GP9 at customs shed, Milwaukee Road depot, Canadian Pacific mixed train at Sumas and Mission, CP depot at Huntingdon, CP steam-powered freight train north of Huntingdon, BC Electric diesel locomotives near Vancouver, fold-out map of Sumas-Huntingdon. Keywords: Sumas, WA; Huntingdon, BC; Mission, BC; Northern Pacific 228, Northern Pacific 250, GP9 locomotive, Northern Pacific 650, VO-660 locomotive, Northern Pacific 5403, FT locomotive, Northern Pacific 1677, Class W-1 Mikado; Northern Pacific 1704, Northern Pacific 1708, cabooses, trains 675/676, freight train, station, Milwaukee Road, BC Electric Railway, Canadian Pacific Railway, mixed train	article	30	4	10	16	NPRHA
Warren Wing, 1918-2011	Phillips, J. A., III	Mainstreeter	2011	Report on passing of member Wing, biographical information, importance in railfan community; photos of Northern Pacific 2610 4-8-4 on train 407 at Seattle, Warren Wing at swap meet, Stampede depot, W-3 Mikado 1776 at Olympia. Keywords: Wing, Warren W.; Class A 4-8-4 Northern locomotive, Class W-3 2-8-2 Mikado locomotive, Stampede, WA; station	article	30	4	26	3	NPRHA
NP 1364 Rebuild Effort Advances	Breeding, Andy	Mainstreeter	2011	Report on locomotive 1364 restoration work at Northern Pacific Railway Museum in Toppenish, WA, history and display; photos of engine in service at South Tacoma, recently under restoration at Toppenish. Keywords: Northern Pacific 1364, Class S-4 4-6-0 Ten-wheeler locomotive, Northern Pacific Railway Museum; Toppenish, WA; Yakima Valley Rail and Steam Museum	article	30	4	30	2	NPRHA

Modeling Column	Frissell, Chris	Mainstreeter	2011	New model products, modeling research at NPRHA.org, photos of display at 2010 Carlton convention, freight cars, SD45, Class A-2 Northern, heavyweight coach, station	column	30	4	32	4	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2011	Solution to previous photo, query for next, photos of wreck of Extra 6007A West, overturned diesel locomotive, wrecked freight cars; train no. 3, Alaskan, in Idaho. Keywords: Northern Pacific 6007, F3 locomotive, freight train, railroad accident, Alaskan, passenger train; Steele, ND	column	30	4	36	2	NPRHA
NP 555 on freight train	Gevaert, Bob	Mainstreeter	2011	Back cover photo of GP9 switching boxcars at Sumas. Keywords: Northern Pacific 555, GP9 locomotive; Sumas, WA	photo	30	4	38	1	NPRHA
North Coast Limited at Butte	Korling, Torkel	Mainstreeter	2012	Cover photo of streamlined eastbound North Coast Limited entering Butte in August 1952, mine heads on hill in background. Keywords: North Coast Limited, passenger train, passenger car; Butte,, Montana	photo	31	1	1	1	NPRHA
President's Message	Taylor, Jan	Mainstreeter	2012	Extraordinary level of volunteer involvement keeps NPRHA viable, diverse nature and opportunities of railfan hobby; past ten years NPRHA steady website development as resource, increase in archive holdings at Jackson Street Roundhouse and Pacific Northwest Railroad Archive, "great strides" in Company Store products and services, NPRHA support of other historic groups. Taylor notes pending resignation from Board. Keywords: Northern Pacific Railway Historical Association, NPRHA; Jackson Street Roundhouse, Pacific Northwest Railroad Archive, PNRA	column	31	1	2	2	NPRHA
Butte's Railroads: A Summary	Taylor, Bill	Mainstreeter	2012	History of Butte railroad development, characteristics; photos of Northern Pacific 102, engine crew, yard workers, first Northern Pacific roundhouse, Butte depot when new, depot interior, streetcar with passengers, Northern Pacific 2604 on The Alaskan leaving station in 1949, westbound North Coast Limited entering station in 1952 behind Northern Pacific 6509 engineer H. L. Ditlemeier and fireman T. J. Dillon, Butte yard, North Coast Limited standing in station behind Northern Pacific 6509, large crowd awaiting Dwight Eisenhower seen from engine cab, view of Butte valley from dome car, valuation photo of depot. Keywords: Northern Pacific 102, Class F 2-8-0 Consolidation locomotive; Northern Pacific 2604, Class A 4-8-4 Northern locomotive; Northern Pacific 6509, F7 locomotive; North Coast Limited, Alaskan, passenger train, Ditlemeier, H.L., Dillon, T.J.; Butte,, Montana; engineer, fireman, railroad employee, roundhouse, railroad yard, station, people, scenery	article	31	1	4	11	NPRHA
Glimpses of Butte	Martin, Dale	Mainstreeter	2012	Butte industrial and railroad history as seen in five historic maps	article	31	1	15	6	NPRHA

Prickly Pear Junction and East Helena	Hansen, Jim	Mainstreeter	2012	History of East Helena area; photos of derailed ore cars at depot, American Smelting and Refining plant, lead smelter. Keywords: East Helena,, Montana; Prickly Pear Junction,, Montana; station, signal equipment, freight car, railroad accident, silver mine, American Smelting and Refining Company, smelter	article	31	1	22	5	NPRHA
West End Archive	Sherry, Ed	Mainstreeter	2012	Volunteers meet weekly at PNRA; Hundman collection, Northern Pacific operating documents, AFEs, Field Completion Reports being sorted and catalogued. Keywords: Pacific Northwest Railroad Archive, PNRA	column	31	1	26	1	NPRHA
Editor's Desk	Sherry, Ed	Mainstreeter	2012	Letter from member recalling machinist work on Northern Pacific Class Q-3/4 Pacifics, request for Ellensburg depot photos, letter from Allen Miller re. Sumas depots, seeking volunteers for Audio-Visual work at convention	column	31	1	27	1	NPRHA
Modeling Column	Seifert, Bill	Mainstreeter	2012	New products, review of North Bank Line HO scale Class F-1 Consolidation, photos of Northern Pacific 78 F-1, and North Bank model	column	31	1	29	1	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2012	Solution to previous photo, query for next, photo of The Alaskan behind Northern Pacific 6506 near Hope, ID; North Coast Limited along lake Pend d'Oreille with Northern Pacific 6503. Keywords: Northern Pacific 6506, Northern Pacific 6503, F7 locomotive, F3 locomotive, Alaskan, North Coast Limited, passenger train, scenery	column	31	1	30	2	NPRHA
Operating SD45s on the NP's Washington Central Branch	Butler, Bruce	Mainstreeter	2012	Operation of SD45s on branch in 2000s, history of units, description of line and operations, photos of units in service, map. Keywords: Butler, Bruce; SD45 locomotive, Washington Central branch	article	31	1	32	4	NPRHA
Observation car Montana Club at Butte	Korling, Torkel	Mainstreeter	2012	Back cover photo of partly-obstructed streamlined observation car Montana Club on North Coast Limited, mines on hill in background. Keywords: Northern Pacific Montana Club, passenger car, observation car, North Coast Limited	photo	31	1	36	1	NPRHA
Vista-Dome North Coast Limited in Rocky Mountains	Burrows, Roger	Mainstreeter	2012	Cover photos of eastbound North Coast Limited cresting Continental Divide at Highview,, Montana, May 17, 1964, observation lounge car 391 on rear. Keywords: Highview,, Montana; Homestake Pass,, Montana; North Coast Limited, passenger train, Northern Pacific 391, observation car, passenger car, scenery	photo	31	2	1	1	NPRHA
President's Message	Taylor, Jan	Mainstreeter	2012	Report on Preservation Committee, increase oversight of archival collections "for the best use by our members"; thanks to Finance Committee, work organizing Northern Pacific Field Completion Reports at Pacific Northwest Railroad Archive, Rails to Sails exhibit with White River Museum at Auburn, WA; members in Columbus,, Montana, repaint Northern Pacific caboose 1127; new DVDs and CDs of Northern Pacific film footage and photos. Keywords: Northern Pacific Railway Historical Association, NPRHA, Pacific Northwest Railroad Archive, PNRA, White River Museum; Auburn, WA; Columbus,, Montana; Northern Pacific 1127, caboose	column	31	2	2	2	NPRHA

Developing the NPRHA Color Drift Control Cards	O'Neill, Dean	Mainstreeter	2012	Developing standards for maintaining color guides for Northern Pacific models, Color Card Committee of Rick Leach, Jeff Nichols, Dean O'Neill, definitions of colors used on Northern Pacific equipment and structures, creating new color cards for all categories; photos of color cards, refrigerator cars in varying shades of yellow, Traveller's Rest car being repainted Loewy green; chart of Dupont paint numbers with Northern Pacific applicatons. Keywords: paint scheme, Loewy colors, streamliner colors, passenger car, freight car, structure, modeling	article	31	2	4	9	NPRHA
When One Is One Too Many; the North Coast Limited's Passenger Fatality at Evaro, Mont.	Kuebler, Bill; McConnell, Roberta; White, Jacqueline	Mainstreeter	2012	Finding closure for family of Teresa Ann Dooms, killed in derailment of Vista-Dome North Coast Limited June 10, 1962, Evaro,, Montana; family member account of event, aftermath, company response, lasting effects and trauma. Photos of Teresa Ann and family members, wrecked train, Keywords: Dooms, Teresa Ann; Evaro,, Montana; people, railroad accident, North Coast Limited	article	31	2	10	8	NPRHA
Restoring Coach 950	Sakalaucks, Herbert	Mainstreeter	2012	Restoration of wood Northern Pacific coach by Colfax (WI) Railroad Museum, photos of coach in service, in use as dwelling, under restoration. Keywords: passenger car, coach, Colfax Railroad Museum; Colfax, WI	article	31	2	18	5	NPRHA
Arthur Fiedler, 1927-2011	Christensen, Jack	Mainstreeter	2012	Career of engineer Fiedler, testimony of John Hillard, Don Palmer, Carl Stendahl; photos of Fiedler on job, as boy, on train crew. Keywords: Fiedler, Art; Stumm, Emil; Anderson, J.O.; Westin, Paul; railroad employee, engineer	article	31	2	23	4	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2012	New model products, modeling Northern Pacific GP9s, 40-ft. combination-door boxcars; photos of Northern Pacific GP9s 285 and 304 in service, HO model boxcars. Keywords: Northern Pacific 285, Northern Pacific 304, GP9 locomotive, freight car, combination-door boxcar	column	31	2	30	4	NPRHA
Company Store News	Franz, Jeanne	Mainstreeter	2012	New items available, convention T-shirts, seeking replacement Store manager	article	31	2	34	1	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2012	Solution to previous photo, query for next, photo taken from North Coast Limited beside river showing front of train. Keywords: North Coast Limited, passenger train, scenery	column	31	2	34	2	NPRHA
North Coast Limited in eastern Montana	Kuebler, Bill	Mainstreeter	2012	Back cover photo/next Mystery Photo of North Coast Limited in eastern Montana, new Northern Pacific 6503, streamlined coaches, 1947. Keywords: Northern Pacific 6503, F3 locomotive, North Coast Limited, passenger train, passenger car	photo	31	2	36	1	NPRHA
Woman telegraph operator at Vancouver, WA	Emmons, Gary	Mainstreeter	2012	Cover photo of woman holding up train order hoop seen from cab of diesel locomotive on train 408, Columbia River bridge in distance. Keywords: telegraph operator, railroad employee, women, bridge; Vancouver, WA	photo	31	3	1	1	NPRHA

President's Message	Dick, James C.	Mainstreeter	2012	Butte convention great success, thanks to chair Bill Taylor, volunteers and presenters; women's tours organized by Jan Taylor well-attended; thanks to Jan Taylor for ten years as president and board member; new board members; on the "non-vertical" nature of history and research, how much Northern Pacific history remains to be told. Keywords: Taylor, Jan; Northern Pacific Railway Historical Association, NPRHA; Butte,, Montana	column	31	3	2	2	NPRHA
NP's Grandfather Motor Car: the McKeen Car A-1	Wilkens, Richard	Mainstreeter	2012	Conception, design, and operation of McKeen car on Northern Pacific branch lines, photos of Northern Pacific A-1 in Minnesota and Arlington, Darrington, and Oso, WA; train crew, car details, car diagram, maps of Fond du Lac, Darrington, Roslyn, Moclips branches. Keywords: Northern Pacific A-1, McKeen motor car, passenger car; Fond du Lac, WI; Beekman, Arlington, Darrington, Oso, railroad employee	article	31	3	4	9	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2012	New column to note deaths and significant occasions of Northern Pacific vets and NPRHA members	column	31	3	13	1	NPRHA
Hooping Up: A Discussion	Kuebler, Bill	Mainstreeter	2012	Round robin discussion of train order delivery, early history, methods of "hooping" orders, comments by Bill Kuebler, Fredrickson, Larry Munson, Dave O'Farrell, Donovan Gray, Al Reed, Ted Pope, Gary Emmons, Dave Sprau, Dick Carlson, Ryan Reed; photos of Northern Pacific 5409 and operator Glenn Wyse hooping orders to fireman, Arlington, WA; Fredrickson hooping up at Eagle Gorge and Tacoma/15th St.; Alma Floberg hooping up to engineer Larry Wheir, Redmond, WA; Ed Berntsen hooping up to GN freight at Steilacoom, WA; operator observing passage of Casey Jones Excursions train at Lester, WA. Keywords: Northern Pacific 5409, FT locomotive, telegraph operator, railroad employee, engineer, telegraph operator, freight train, Arlington, Eagle Gorge, 15th St. tower, Redmond, Lester; Wyse, Glenn; Staehli, Glenn; Fredrickson, James M.. Floberg, Alma; Wheir, Larry; Berntsen, Ed;	article	31	3	14	10	NPRHA
2012 Convention Highlights	Sherry, Ed	Mainstreeter	2012	Convention recap, photos of events, attendees, presenters, Butte mine. Keywords: Northern Pacific Railway Historical Association, NPRHA, convention	article	31	3	24	4	NPRHA
Depot Defenders of Three Forks, Montana	Finnegan, Patrick	Mainstreeter	2012	Story of aquisiton and move of Trident,, Montana, Northern Pacific depot, NPRHA grant of \$2500 in support; photos of depot in service, being moved on road, in new location. Keywords: Trident, Three Forks, station	article	31	3	28	2	NPRHA

Modeling Column	Frissell, Chris	Mainstreeter	2012	New model products; move from convention modeling contest format to Railroad Prototype Modelers (RPM) sessions as more sociable and informative, emphasis on sharing expertise and experience; "exceptional" display at Butte with temporary O scale layout, visits to local layouts; seeking new ideas for better reaching and encouraging modeling of NP; about the Modeling Committee, personnel, activities, intent; photos of Steve Joyner model collection, Kirk Thompson layout, new NPRHA HO section house, prototype slab-side flat car, HO scale covered hopper, Modeling Committee members. Keywords: modeling, Northern Pacific Railway Historical Association, NPRHA	column	31	3	30	7	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2012	Solution to previous photo, query for next; photos of North Coast Limited with Northern Pacific 6503 east of Glendive,, Montana, 1947; line change in area, right of way, semaphore signals, yard limit sign, rear view of Vista-Dome North Coast Limited at West End,, Montana, ca. 1956. Keywords: Northern Pacific 6503, F3 locomotive, North Coast Limited, passenger train, passenger car, semaphore, signal equipment, scenery; West End,, Montana; Glendive,, Montana	column	31	3	37	3	NPRHA
McKeen motor car A-1		Mainstreeter	2012	Back cover, two photos of McKeen cars, crews, bystanders, Cle Elum depot. Keywords: Northern Pacific A-1, McKeen motor car, passenger train, railroad employee, people, station, Cle Elum, WA	photo	31	3	40	1	NPRHA
NP 2626 leading passenger train at Headworks Spur, WA		Mainstreeter	2012	Cover photo of Northern Pacific 2626 on Casey Jones Excursions special along Green River en route to Cle Elum, August 4, 1957. Keywords: Northern Pacific 2626, Class A-1 4-8-4 Northern locomotive, Casey Jones Excursions, passenger train, passenger car, scenery; Headworks Spur, WA	photo	31	4	1	1	NPRHA
President's Message	Dick, James C.	Mainstreeter	2012	70 volunteer positions essential to NPRHA, receipt of 3000 Wade Stevenson images of Northern Pacific subjects by Milwaukee Road Historical Association, plans to scan and put online; about Stevenson. Keywords: Stevenson, Wade; Northern Pacific Railway Historical Association, NPRHA	column	31	4	2	2	NPRHA
Timken No. 2626 Modeled in Wood	Gray, Brian	Mainstreeter	2012	1:18 scale model in walnut, two photos	article	31	4	4	3	NPRHA
Timken Engine Was "A Thoroughbred"	Staeheli, Glenn	Mainstreeter	2012	Former engineer and road foreman's personal experiences with Northern Pacific 2626; photo of engine on train 407 at Tacoma. Keywords: Northern Pacific 2626, Class A-1 4-8-4 Northern locomotive; Staeheli, Glenn; engeineer, road foreman, railroad employee; Tacoma, WA	article	31	4	5	1	NPRHA

Wade Stevenson's NP Photos Donated	Sherry, Ed	Mainstreeter	2012	Stevenson images of Northern Pacific 2685, Jamestown, ND; Northern Pacific B-11 and B-22; roundhouse, Pasco, WA; GP9 272 and wrecking cranes 47 and 48 on wreck train at Phosphate,, Montana; tool-flatcar 203802 at Livingston,, Montana; Northern Pacific 1070, Seattle; Northern Pacific 2422 at St. Paul; Northern Pacific 1752 at Seattle; Northern Pacific 174, Pasco; Northern Pacific 2259, Yakima; Northern Pacific 2216, Tacoma; Northern Pacific 21, Livingston; Northern Pacific 561 and 552 at Parkwater, WA; Northern Pacific 2216, Tacoma. Keywords: Northern Pacific 2685, Class A-5 4-8-4 Northern locomotive; Northern Pacific B-11, Northern Pacific B-22, gas-electric car; roundhouse; Northern Pacific 272, GP9 locomotive; Northern Pacific 47, Northern Pacific 48, wrecking crane; Northern Pacific 203802, tool-flatcar; Northern Pacific 1070, Class L-9 0-6-0 locomotive; Northern Pacific 2422, Class T 2-6-2 Prairie locomotive; Northern Pacific 1752, Class W-3 2-8-2 Mikado locomotive; Northern Pacific 1174, Class G-2 0-8-0 locomotive; Northern Pacific 2259, Class Q-6 locomotive; Northern Pacific 2216, Class Q-4 4-6-2 Pacific locomotive; Northern Pacific 21, Class Y-1 2-8-0 Consolidation locomotive; Northern Pacific 552, 561, GP7 locomotive	article	31	4	8	8	NPRHA
Loading NP's Banana Trains	Sullivan, Kent	Mainstreeter	2012	Description of Seattle's Ames Banana Terminal, United Fruit Co. ships, Northern Pacific movement of bananas Seattle to Sumas; photos of GP9 246 leading banana train at Black River Junction, aerial of banana docks, S.S. San Jose, hoist for unloading bananas, dock cranes. Keywords: Northern Pacific 246, GP9 locomotive, refrigerator car, banana train, ship, dock; Seattle, WA; Black River Junction, WA	article	31	4	16	4	NPRHA
Editor's Desk	Sherry, Ed	Mainstreeter	2012	Letters from Verne Alexander with spoofing information on fate of McKeen car A-1; letter from Kent Sullivan requesting information on Ames train order signals; Northern Pacific diagram of Ames signal; from Kyle Pugh re. Cheney wreck, train 5 and Extra 5119 East, 1955, two photos of wreck; Bill Kuebler with additional information on wreck, causes. Keywords: Northern Pacific 5119, Class Z-6 4-6-6-4 locomotive, train 5, passenger train, railroad accident, railroad employee, engineer, fireman, conductor; Moats, Samuel J.; Northern Pacific 6500C, F3 locomotive	column	31	4	20	6	NPRHA
West End Archive	Sherry, Ed, Morrison, Chuck	Mainstreeter	2012	Funded by NPRHA, Dan Cozine cataloging Northern Pacific Field Completion Reports at Pacific Northwest Railroad Archive; Fredrickson collection of AFEs now at PNRA; weekly crew of 8-12 volunteers; NPRHA, PNRA, and GN-NP Joint Archive websites averaging 500 visits a day. Keywords: Pacific Northwest Railroad Archive, PNRA, Northern Pacific Railway Historical Association, NPRHA, West End Archive	column	31	4	26	1	NPRHA

East End Archive	Borkan, Mike	Mainstreeter	2012	NPRHA East End meet twice a year; numerous collection added, weekly archive sessions at Jackson St. Roundhouse, Hudson Leighton scans 1300 photos from Gene Hawk collection of Joint Archive; computer upgrades; numerous research requests taken by Jim Dick, some answered, some pending. Keywords: Jackson St. Roundhouse, Northern Pacific Railway Historical Association, NPRHA, East End Archive	column	31	4	27	1	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2012	New model products, photos of Northern Pacific 39731 wood boxcar, Northern Pacific 2365 Class T 2-6-2 Prairie locomotive and HO model; freight cars; Gene Deimling HO models of S-4 Ten-wheeler, boxcar, flat car, fuel shed, GP9 running gear. Keywords: modeling, Northern Pacific Railway Historical Association, NPRHA	column	31	4	28	6	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2012	Solution of previous photo, query for next; photo of Vista-Dome North Coast Limited near West End,, Montana, 1956; Class Z-5 2-8-8-4 Yellowstone locomotive on freight train. Keywords: Vista-Dome North Coast Limited, passenger train, passenger car, observation car, vista-dome car, scenery; Class Z-5 2-8-8-4 Yellowstone locomotive, freight train	column	31	4	33	3	NPRHA
NP 5108 front end	Stevenson, Wade	Mainstreeter	2012	Back cover photo of front of 4-6-6-4 locomotive at Livingston,, Montana. Keywords: Northern Pacific 4-6-6-4 locomotive	photo	31	4	36	1	NPRHA
Speaking of Jim Fredrickson...	Taylor, Jan	Mainstreeter	2012	Insert noting receipt of Fredrickson collection by PNRA, new movable shelving now being installed, need for \$44,000 to complete first phase of archive improvements, contributions of over \$30,000 received, some anonymous, urge more members to contribute, mail-in form. Keywords: Pacific Northwest Railroad Archive, PNRA	insert	31	4			NPRHA
SP&S 700 on train at Billings	Brehm, Kyle	Mainstreeter	2013	Cover photo of SP&S 700 leaving station with excursion train on Montana Rail Link, October 18, 2002. Keywords: Spokane Portland and Seattle Railroad, SP&S 700, 4-8-4 locomotive, Montana Rail Link, Billings, passenger train	photo	32	1	1	1	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2013	Passing of Harry Drogitis and Elmer Smoak. Keywords: Drogitis, Harry; Smoak, Elmer	column	32	1	2	2	NPRHA
Railroads In and Around Billings, "The Magic City"	Brehm, Kyle	Mainstreeter	2013	History and Northern Pacific development in Billings area, depot. Photos of Vista-Dome North Coast Limited at depot with locomotive 6703C, Billings from air, Burlington Route steam passenger train, depot in 1990s, early color postcard of depot, Northern Pacific 2231 and passenger cars derailed in yard, track workers, maps. Keywords: Billings, North Coast Limited, passenger train, Northern Pacific 6703, F9 locomotive, station, railroad mainline, Northern Pacific 2231, Class Q-5 4-6-2 Pacific locomotive, railroad accident, railroad yard, railroad employee	article	32	1	4	6	NPRHA

The Granite Derailment: Solving a Mystery	Kuebler, Bill	Mainstreeter	2013	Details of accident, crew, equipment, final conclusion of circumstances causing wreck. Photos of North Coast Limited in Rocky Canyon, Jefferson Canyon, Highview,, Montana; locomotive 6508A, 6700, wreck site with jumbled passenger cars and diesel units, wreck crew and train; Glenn Staehli, Robert M. "Bud" Cain, Richard R. Rauschke, H.H. "Bud" Ramer, at Spokane; Walt Larson; Norman M. Lorentzsen, F.L. Steinbright; passenger cars involved in wreck, diesel cab interior, track at Granite, ID; track charts and diagrams of Granite area, Northern Pacific 5119 on freight train near Granite; timetable. Keywords: North Coast Limited, Granite, ID; passenger train, railroad accident, railroad employee, engineer, fireman, bridge; Pruitt, Jess; Renner, Steve; Cain, Robert M. "Bud"; Staehli, Glenn; Rauschke, Richard R.; Ramer, H.H. "Bud"; Larson, Walt; Lorentzsen, Norman; Steinbright, F.L.; Northern Pacific 6508A, F7 locomotive; Northern Pacific 6700, F9 locomotive; Northern Pacific 5119, Class Z-6 4-6-6-4 locomotive; Northern Pacific 550, vista-dome coach; passenger car, track, mainline	article	32	1	10	26	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2013	Solution of previous photo, query for next. Northern Pacific 5008 on freight train east of Glendive. Keywords: Northern Pacific 5008, Class Z-5 2-8-8-4 Yellowstone locomotive; freight train	column	32	1	34	1	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2013	New products; Share in Freedom boxcar; photos of Northern Pacific 31000-series cars. Keywords: modeling, Northern Pacific 31000 boxcar, Share in Freedom	column	32	1	35	3	NPRHA
East End Archive	Borkan, Mike	Mainstreeter	2013	Larry Schrenk organizing collection, donating to Jackson Street Roundhouse/East End Archive; description of contents of boxes 1-15	column	32	1	38	1	NPRHA
NP Mystery Photo	Nixon, Ronald V.	Mainstreeter	2013	F9 diesel units leading freight train at Arlee,, Montana. Keywords: F9 locomotive, freight train; Arlee,, Montana; scenery	photo	32	1	39	1	NPRHA
North Coast Limited at Billings	Williams, Glenn J.	Mainstreeter	2013	Back cover photo of westbound Vista-Dome North Coast Limited standing at station with Northern Pacific 6510A, September 1965; Chicago Burlington and Quincy Railroad train alongside. Keywords: North Coast Limited, Northern Pacific 6510, F7 locomotive, Burlington Route, passenger train; Billings,, Montana	photo	32	1	40	1	NPRHA
Freight train at Billings station	Williams, Glenn J.	Mainstreeter	2013	Cover photo of freight train led by F7 locomotive passing station, yard. Keywords: freight train, F7 locomotive, railroad yard; Billings,, Montana	photo	32	2	1	1	NPRHA
NPRHA Preservation Grants	Horne, R. B.	Mainstreeter	2013	Grants to Three Forks Area Historical Soceity for Trident depot; Friends of the Elkhorn Tank; new grant application procedures, photo of water tank at Elkhorn,, Montana. Keywords: Trident,, Montana; Elkhorn,, Montana; station, water tank, Northern Pacific Railway Historical Association, NPRHA; Three Forks Area Historical Society	article	32	2	2	2	NPRHA

Boxcar Community Housed Laurel Residents in 1940s, Early '50s	Healy, Donna	Mainstreeter	2013	Ad-hoc community "Newtonville" in discarded boxcars, photos of Dean Peterson and family; Bernard, Hazel, Ron, and Roxanne Faught; Joan Johnston; diagram of foreman's car. Keywords: Peterson, Dean; Faught, Bernard; Faught, Hazel; Johnston, Joan; Laurel,, Montana; Newtonville,, Montana; shanty town, boxcar, foreman's car	article	32	2	4	3	NPRHA
More From the Magic City: Railroad Views In and Around Billings, Mont.		Mainstreeter	2013	Photo gallery, Rexall Train, 1936; Burlington Route passenger train 29 with CB&Q 9949, E-8 locomotive, at station; Big Horn Tunnel, Custer,, Montana; Northern Pacific freight house; second depot, ca. 1920. Keywords: Rexall Train, Burlington Route, station, station; Billings,, Montana	article	32	2	7	4	NPRHA
The Granite Derailment: Solving a Mystery, Part II	Kuebler, Bill	Mainstreeter	2013	Conclusion of two-part series, description of trackage, train speed conditions on NP, violations, company culture, personalities of engine crew, final conclusion of wreck cause, aftermath. Photos of wreck site, wrecked passenger cars, wrecking crane 45, North Coast Limited and Alaskan at Paradise, Northern Pacific 6507, Michael J. Ketter, Vic Hanson, Art Hoffman; workers at Como shops repairing wreck-damaged car 462; Vista-Dome North Coast Limited in Jefferson Canyon, Northern Pacific 6702A. Keywords: Granite, ID; North Coast Limited, railroad accident, railroad employee, engineer, fireman, conductor, passenger train, passenger car, Northern Pacific 45, wrecking crane; Northern Pacific 6702, F9 locomotive; Pruitt, Jess; Renner, Steve; St. Clair, Walter; Cain, Bud; Staeheli, Glenn; Koval, Joe; Ketter, Michael J.; Northern Pacific 6507, F7 locomotive, Paradise,, Montana	article	32	2	10	16	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2013	Solution to previous photo, query of next; photo of eight F9 locomotive units on westbound freight near Arlee,, Montana. Keywords: freight train, Northern Pacific 7007D, F9 locomotive, Arlee	column	32	2	24	2	NPRHA
Editor's Desk	Sherry, Ed	Mainstreeter	2013	NP photo display at Livingston Depot Museum; member Bob Mullally's photo of father, engineer James Mullally Jr. with Northern Pacific B-22, gas-electric car, Jamestown; Allen Miller photo of Bump paper fastener. Keywords: Mullally, James Jr.; Northern Pacific B-22, gas-electric car; Jamestown, ND	column	32	2	25	1	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2013	New products, review of Athearn GP9, comparisons with other makes; photos of HO scale 39000-series boxcar, Northern Pacific 250 and 239, GP9 locomotive details; engineer Jack Schmidt. Keywords: modeling, Northern Pacific 239, Northern Pacific 250, GP9 locomotive; Schmidt, Jack	column	32	2	26	5	NPRHA
Gallery: Butte Convention Modeling	Frissell, Chris; Burns, Alan	Mainstreeter	2013	Models on display at convention. Keywords: Northern Pacific Railway Historical Association, NPRHA, modeling, convention; Butte,, Montana	article	32	2	31	5	NPRHA
NP Mystery Photo		Mainstreeter	2013	Back cover photo of freight train beside river, distant mountains	photo	32	2	36	1	NPRHA

NP 2610 on passenger train	Fredrickson, James M.	Mainstreeter	2013	Cover photo of Northern Pacific 2610 on train 408, Woodland, WA, March 25, 1944. Keywords: Northern Pacific 2610, Class A 4-8-4 Northern locomotive; train 408, passenger train; Woodland, WA	photo	32	3	1	1	NPRHA
President's Message	Dick, James C.	Mainstreeter	2013	Billings convention recap, thanks to convention hosts Kyle and Rita Brehm, Burlington Route Historical Society; suggest changing convention date from July "when options might require a modification"; Board and Company Store personnel changes, activity. Keywords: Northern Pacific Railway Historical Association, NPRHA, convention; Billings,, Montana	column	32	3	2	2	NPRHA
NPRHA Convention Highlights: Billings and a Trip to Laurel	Fujii, John	Mainstreeter	2013	Photos of organizers and participants, events. Keywords: Brehm, Kyle; Barrows, John; Setterhorn, Rick; Christensen, Jack/ Horne, Robert; O'Neil, Dean; Taylor, Bill; Delcamp, Mac; Gullickson, Morris; Malingo, Joe; Malkuch, G.D.; Kucera, George; McMillen, Chuck; Leach, Doug. Keywords: Northern Pacific Railway Historical Association, NPRHA, convention; Billings,, Montana	article	32	3	4	6	NPRHA
Help Preserve the Fredrickson Collection	Sprau, David	Mainstreeter	2013	NPRHA acquiring large collection of photos, documents, ephemera from Northern Pacific dispatcher/photographer; about Fredrickson and wife Cereta, collection, wishes to preserve, Pacific Northwest Railroad Archive to act as repository, NPRHA Board initial goal to raise \$44,000, half of full purchase price. Photos of Northern Pacific 5105 and 5108 on freight train at Glendive; specimen AFE, train sheet, employee timetable. Keywords: Fredrickson, James M; Pacific Northwest Railroad Archive, PNRA, Northern Pacific Railway Historical Association, NPRHA	article	32	3	10	5	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2013	Passing of Robert M. "Bud" Can, Ed Ursem, Ed Stimson. Keywords: Cain, Robert M. "Bud"; Ursem, Ed Ursem, Stimson, Ed	column	32	3	14	2	NPRHA
Preservation Grants Update	Horne, R. B.	Mainstreeter	2013	Plans to stabilize water tank at Elkhorn,, Montana, with \$2500 NPRHA grant plus \$3000 from Montana History Foundation; photo of tank. Keywords: water tank; Elkhorn,, Montana; Northern Pacific Railway Historical Association, NPRHA	article	32	3	15	1	NPRHA
The Bricks of Blossburg	Hansen, Jim	Mainstreeter	2013	Materials used in Mullan Tunnel, Blossburg,, Montana; history of application. Photos of east portal, ventilation equipment, tunnel portal with equipment removed, brickwork. Keywords: Mullan Tunnel, tunnel; Blossburg,, Montana	article	32	3	16	8	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2013	New products, photos	column	32	3	26	4	NPRHA
Billings Convention Modeling Highlights	Frissell, Chris	Mainstreeter	2013	Photos of models on display, Steve Fuller with passenger cars, Andrew Hutchinson with switch. Keywords: Northern Pacific Railway Historical Association, NPRHA, convention, modeling; Billings,, Montana	article	32	3	30	4	NPRHA

NP Mystery Photo	Kuebler, Bill	Mainstreeter	2013	Solution to previous photo, query for next, photo of freight train Extra 7007D East near McDonald siding, cabooses 1020, and on Marent viaduct,, Montana, eight F9 locomotive units, March 18, 1961. Keywords: Northern Pacific Extra 7007D East, freight train, Northern Pacific 1020, cabooses; F9 locomotive, Marent viaduct, bridge; Evaro,, Montana	column	32	3	34	2	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2013	Back cover/mystery photo of single track in large cut	photo	32	3	36	1	NPRHA
NP 250 leading freight train down city street	Illman, John	Mainstreeter	2013	Cover photo of GP9 leading freight cars down Houser Way in Renton, WA, brakeman on front, October 13, 1970. Keywords: Northern Pacific 250, GP9 locomotive, freight train, Renton Rocket; Renton, WA; railroad employee, brakeman	photo	32	4	1	1	NPRHA
President's Message	Dick, James C.	Mainstreeter	2013	Planning for collection disposition, NPRHA ready to help	column	32	4	2	2	NPRHA
NP's Depot at Renton, Wash.	Sullivan, Kent	Mainstreeter	2013	History and operation of Renton depot; photos of station over time, Ames train order signal, Mikado 1713 passing depot with freight train, water tank, waiting passengers, GP9 285 crossing Houser Way, GP9 239 with freight train along city street, passing service station. Keywords: Renton, WA; station, train order signal, water tank, Northern Pacific 1713, Class W-3 2-8-2 Mikado locomotive, Northern Pacific 239, GP9 locomotive, people	article	32	4	4	8	NPRHA
A Tour of the Cama Prairie		Mainstreeter	2013	Short history of line, photos of mainline, bridges, structures, trains, 4-6-0 347 on passenger train 343 at Lewiston in 1931; Northern Pacific 684 hauled in train; map. Keywords: Camas Prairie Railroad; Northern Pacific 347, Class E-3 4-6-0 Ten-wheeler locomotive; Northern Pacific 684, Class C-1 4-4-0 American Standard locomotive; freight train, track, bridge; Lewiston, ID	article	32	4	12	7	NPRHA
The Slaght Land Cases in Palouse City, Wash., 1887-1907	Beach, Philip F.	Mainstreeter	2013	Legal case involving Northern Pacific land; photo of Palouse City and Washington Idaho and Montana Railway facilities, circa 1912; plat map, 1901. Keywords: Palouse City, WA; Northern Pacific land grant, Washington Idaho and Montana Railway	article	32	4	19	3	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2013	Passing of Billy Guerci, Jim Curran, Ervin Gaetz, James H. Eddy, Fred Thomas "Blackie" Moser. Photos of GN 1453, 4-6-2 Pacific locomotive and passenger train derailed, wrecking crane 1731. Keywords: Guerci, Billy; Curran, Jim; Gaetz, Ervin; Eddy, James H.; Moser, Fred Thomas "Blackie."	column	32	4	22	4	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2013	New products, detailing NPRHA 40-ft. round-roof boxcar kit; photos of HO scale 3900 series boxcar model, Class Z locomotives 3015 and 3013. Keywords: modeling, Northern Pacific 39000 series boxcar, freight car, Northern Pacific 3015, 3013, Class Z 2-6-6-2 locomotive	column	32	4	26	6	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2013	Solution to previous photo, query for next; line change, mainline track in new cut near Custer,, Montana; history of line, alteration. Keywords: track, mainline, line change; Custer,, Montana	column	32	4	32	2	NPRHA

NP Mystery Photo	Kuebler, Bill	Mainstreeter	2013	Back cover photo of Northern Pacific 6505 on passenger train passing beneath semaphore gantry, entering yard. Keywords: Northern Pacific 6505, F3 locomotive, passenger train, semaphore, signal equipment, railroad yard	photo	32	4	34	1	NPRHA
NP 1364 and 2152 at NP Railway Museum		Mainstreeter	2014	Cover photo with Northern Pacific 1364 and 2152, semaphore, wig-wag, at Northern Pacific Railway Museum, Toppenish, WA. Keywords: Northern Pacific 1364, Class S-4 4-6-0 Ten-wheeler locomotive; Northern Pacific 2152, Class-Q-3 4-6-2 Pacific locomotive; signal equipment, Northern Pacific Railway Museum; Yakima Valley Rail and Steam Museum; Toppenish, WA	photo	33	1	1		NPRHA
President's Message	Dick, James C.	Mainstreeter	2014	Convention planning, interacting with members, volunteers, Northern Pacific vets; opening member lists to commercial interests--opposition; coordination among NP, GN, CB&Q groups, sharing meeting and event notices, "open doors to add membership". Keywords: Northern Pacific Railway Historical Association, NPRHA	column	33	1	2	2	NPRHA
Early Development of the Yakima Valley, Part 1: An Arid Land, An Indian Reservation, and the Coming of the Cascade Branch	Shearer, Douglas	Mainstreeter	2014	Early history of area, white settlement, Northern Pacific construction planning, agriculture, effect of railroad on region. Photos of first Toppenish depot and mainline, second depot, passenger train, Sunnyside Canal, fruit ads, irrigation works and map, loading boxcars with hay, Ogle steel coal dock, water tank, passenger train with Northern Pacific 2161. Keywords: Toppenish, WA; station, Northern Pacific 2161, Class Q-3 4-6-2 Pacific locomotive, passenger train, coal dock, water tank, freight car, railroad yard	article	33	1	4	10	NPRHA
A Depot, NP 1364, and More. Restoration Activities at the Northern Pacific Railway Museum in Toppenish	Shearer, Douglas; Breeding, Andy	Mainstreeter	2014	Photo gallery of activity: Northern Pacific 1364 derelict at Mineral, WA, in 1994; Northern Pacific 1364 under restoration at museum, 2013; volunteers installing parts, caboose 1238, REA delivery truck, Northern Pacific telephone booth, signals. Keywords: Northern Pacific Railway Museum; Toppenish, WA; Northern Pacific 1364, Class S-4 4-6-0 Ten-wheeler locomotive; Northern Pacific 1238, caboose; signal equipment, structure	article	33	1	14	4	NPRHA
The Northwest and its Resources		Mainstreeter	2014	Excerpt from Northern Pacific magazine, May-June 1967. Photos of US Navy diesel locomotive at Bangor, WA; potato processing plant at Pasco, Northern Pacific refrigerator cars at loading dock. Keywords: US Navy Railroad; Bangor, WA; Pasco, WA; industrial building	article	33	1	18	5	NPRHA
Book Review	Kuebler, Bill	Mainstreeter	2014	Review of <i>19 East, Copy Three: the Art and Practice of Timetable & Train Order Operations for the Railroad Historian and Modeler</i> (Sprau, David, and Steve King, Operations Special Interest Group, 2013). Keywords: Sprau, David; King, Steve; train dispatching, railroad employee, timetable, train order	article	33	1	23	2	NPRHA

West End Archive	Sherry, Ed	Mainstreeter	2014	Collections of SP&S Railway Historical Society, Walt Ainsworth, George Werkema donated to Pacific Northwest Railroad Archive in last quarter 2013. Keywords: Pacific Northwest Railroad Archive, PNRA, Spokane Portland & Seattle Railway Historical Society; Ainsworth, Walt; Werkema, George	column	33	1	24	1	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2014	Passing of Charles P. Graham, Roger Dean Campbell, William Joseph. Keywords: Graham, Charles P; Campbell, Roger Dean; Jaeger, William Joseph	column	33	1	24	1	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2014	New products, photo of Paul Coon's N scale model of Missoula roundhouse under construction. Keywords: modeling, roundhouse; Missoula,, Montana	column	33	1	25	4	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2014	Solution of previous photo, query for next; photo of North Coast Limited eastbound with Northern Pacific 6506 at Valley City circa 1950; town in river valley with passing steam-powered freight train, depot, yard. Keywords: North Coast Limited, Northern Pacific 6506, F3 locomotive; Valley City, ND	column	33	1	29	3	NPRHA
Sunnyside, Yakima County, Washington		Mainstreeter	2014	Back cover photo of circa 1900 brochure	photo	33	1	32	1	NPRHA
Diesel locomotive 6500 and steam locomotive in yard	Stevenson, Wade	Mainstreeter	2014	Cover photo of Northern Pacific 6500 and Northern Pacific 1262 in yard at Yakima, WA, January 8, 1949. Keywords: Northern Pacific 6500, F3 locomotive, Northern Pacific 1262, Class Y-1 2-8-0 Consolidation locomotive; railroad yard; Yakima, WA	photo	33	2	1	1	NPRHA
President's Message	Dick, James C.	Mainstreeter	2014	Acknowledging NPRHA and other volunteers who carry Northern Pacific history forward, keeping the Association going through donation of collections, writing, interacting with Northern Pacific vets, conventions. Keywords: Northern Pacific Railway Historical Association, NPRHA	column	33	2	2	2	NPRHA
Early Development of the Yakima Valley, Part 2: the NP Brings Non-Indian Settlements to the Yakama Reservation--and Forces a City to Move	Shearer, Douglas	Mainstreeter	2014	Continuation of settlement in area, impact on Native people, moving of Yakima City to new location. Photos of Toppenish Indians at depot, 1884 map, Yakima City in 1884, North Yakima in 1885, 1911 depot inside and out, Northern Pacific 1185 on turntable, Northern Pacific 1375 at coal dock, roundhouse, coal dock and water tank, semaphore gantry. Keywords: Native Americans; station, roundhouse, servicing facilities, coal dock, water tank, Northern Pacific 1185, Class 0-8 0-6-0 locomotive,NP 1375, Class S-4 4-6-0 Ten-wheeler locomotive; semaphore, signal equipment, Yakima, WA	article	33	2	4	8	NPRHA
Why the Yakima Valley is a Rich Producer		Mainstreeter	2014	Reprint of article, The Northwest magazine, May 1952, area agriculture	article	33	2	12	3	NPRHA

Steam Locomotive Appurtenances	Christensen, Jack	Mainstreeter	2014	Locomotive appliances, layout, function, characteristics. Photos of Northern Pacific 2259 at Yakima; Northern Pacific 5145, Parkwater; Northern Pacific 2216, Yakima depot; Northern Pacific 2608, Seattle; backhead of Northern Pacific 2608; Northern Pacific 1516, Yakima; drawing of cab interior, valves and appliances. Keywords: steam locomotive, Northern Pacific 2259, Class Q-6 4-6-2 Pacific locomotive; Northern Pacific 5145, Class Z-8 4-6-6-4 locomotive; Northern Pacific 2216, Class Q-4 4-6-2 Pacific locomotive; Northern Pacific 2608, Class A 4-8-4 Northern locomotive; Northern Pacific 1516, Class W 2-8-2 Mikado locomotive; Yakima, WA; Seattle, WA; Spokane, WA	article	33	2	15	7	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2014	Passing of Jude Frank Mayo, Arnold Willard Jarvie. Keywords: Mayo, Jude Frank; Jarvie, Arnold Willard	column	33	2	21	1	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2014	NP Extra 1838 East passing through Rosebud,, Montana, circa 1942; description of locale, train operating and dispatching practices, equipment. Keywords: Extra 1838 East, freight train; Northern Pacific 1838, Class W-5 2-8-2 Mikado locomotive, railroad yard, station, scenery	column	33	2	23	1	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2014	Photo of railroad yard, buildings, station, countryside	photo	33	2	24	1	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2014	Modeling grain elevators, photos of elevator at Townsend,, Montana; model Townsend elevator and train, new products, publications, videos. Keywords: modeling, grain elevator, structure; Townsend,, Montana	column	33	2	25	3	NPRHA
Modeling NP Fruehauf Trailers	O'Neill, Dean	Mainstreeter	2014	HO scale techniques, parts, etc. Photo of Northern Pacific trailer 50-394. Keywords: modeling, truck trailer, vehicle	article	33	2	28	7	NPRHA
HO scale Fruehauf NP truck trailer	O'Neill, Dean	Mainstreeter	2014	Back cover photo of HO scale model	photo	33	2	36	1	NPRHA
NP 6701A on train at King Street Station, Seattle		Mainstreeter	2014	Cover photo of Northern Pacific 6701A heading North Coast Limited in station, 1969. Keywords: North Coast Limited; Northern Pacific 6701, F9 locomotive, King Street Station, station; Seattle, WA	photo	33	3	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2014	New president, early Northern Pacific interest, future convention plans, Board elections and new officers, acknowledgements	column	33	3	2	2	NPRHA
Back to the Future: King Street Station Reborn	Armbruster, Kurt E.; Morrison, Chuck	Mainstreeter	2014	History of Seattle stations, King St., remodeling. Photos of early stations, King St. interior circa 1945, Mainstreeter in 1970, 1910 timetable, arrival and departure board March 1971, tunnel south portal, interior upgrades, clock mechanism, new platform. Keywords: Seattle, WA; Columbia and Puget Sound Railroad, station, Railroad Avenue, King Street Station, Seattle railroad tunnel, Great Northern tunnel, Mainstreeter, passenger train, clock	article	33	3	4	13	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2014	Passing of Clayton McKlean, Roy Ramey, Ed Ursem. Keywords: McLean, Clayton; Ramey, Roy; Ursem, Ed.	column	33	3	17	2	NPRHA

NP Mystery Photo	Kuebler, Bill	Mainstreeter	2014	Solution to previous photo. Panorama of Glen Ullin, ND, with mainline, new and old depots, water tank; history, layout of station, lore. Keywords: Glen Ullin, ND; track, mainline, station, water tank	column	33	3	19	2	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2014	Photo of Northern Pacific 2130 on passenger train meeting doubleheaded steam power on passenger train. Keyword: Northern Pacific 2130, Class Q-3 4-6-2 Pacific locomotive, passenger train	photo	33	3	21	1	NPRHA
NPRHA Convenes in Yakima	Fujii, John	Mainstreeter	2014	Photos of convention events, attendees, Jim Fredrickson, David Sprau, Delbert Klakken, Yakima trolleys. Keywords: Keywords: Northern Pacific Railway Historical Association, NPRHA, convention; Yakima, WA; Fredrickson, James M.; Sprau, David; Klakken, Delbert G.	article	33	3	22	4	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2014	New model products, photos	column	33	3	27	9	NPRHA
NP 2626 in roundhouse	Chaudiere, Herbert	Mainstreeter	2014	Back cover photo of front of Northern Pacific 2626 inside Seattle roundhouse. Keywords: Northern Pacific 2626, Class A-1 4-8-4 Northern locomotive, roundhouse; Seattle, WA	photo	33	3	36	1	NPRHA
NP 1052 standing in service area	Stevenson, Wade	Mainstreeter	2014	Cover photo of Northern Pacific 1052 near engine house at Everett, WA. Keywords: Northern Pacific 1052, Class L-9 0-6-0 locomotive, servicing facility; Everett, WA	photo	33	4	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2014	Planning for Fargo convention, NPRHA financially healthy, importance of volunteers, new faces needed, is NPRHA covering all bases in copyrights, permissions, credits, collecting and storing donated material? Ongoing move to professionalize archival methods. Keywords: Northern Pacific Railway Historical Association, NPRHA	column	33	4	2	3	NPRHA

Everett, Washington, Circa 1955, Part 1	Sullivan, Kent	Mainstreeter	2014	History of Everett railroads, Northern Pacific development, industry, trackage, facilities, motive power, operations. Photos of Northern Pacific 1123, 1111, 1612, 1683, 256, 5403A, 1041, caboose 1529, yards, coal loader, train and engine crews, station, yard office, water tank, engine house, engine house diagram, service buildings, yard and city maps. Keywords: Everett, WA; Northern Pacific 1041, 1111, 1123, Class L-9 0-6-0 locomotive; Northern Pacific 1612, 1683, Class W 2-8-2 Mikado locomotive; Northern Pacific 256, GP9 locomotive; Northern Pacific 5403A, FT locomotive, roundhouse, servicing facilities, water tank, truck trailer, vehicle; Heirman, Eddie; Brightshue, Reynolds "Rennie"; Wirachowsky, Al; Damson, Ed; Nelson, Roy; Keefe, Eugene; railroad employee, engineer	article	33	4	4	19	NPRHA
Auburn-Everett Time Freight Orders	Sprau, David	Mainstreeter	2014	Details of train operation, dispatching, photos of train orders. Keywords: Everett, WA; Auburn-Everett Time Freight, freight train, train dispatching, train order	article	33	4	23	5	NPRHA
New at NPRHA.org		Mainstreeter	2014	Dean O'Neill scans articles on 1933 Clark Fork flood, St. Regis,, Montana, accessible at NPRHA.org; Pacific Northwest Railroad Archive making such materials available. Keywords: Clark Fork River; St. Regis,, Montana; Northern Pacific Railway Historical Association, NPRHA, Pacific Northwest Railroad Archive, PNRA	article	33	4	27	1	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2014	Solution to previous photo, query for next. Photo of Northern Pacific 2130, train 236, meeting Northern Pacific 1758 and North Coast Limited at Pipestone,, Montana, March 1932; characteristics of location, operations, Warren McGee comments. Keywords: Northern Pacific 2130, Class Q-1 4-6-2 Pacific locomotive, train 236; Northern Pacific 1758, Class W-3 2-8-2 Mikado locomotive, North Coast Limited, passenger train; Pipestone,, Montana; Homestake Pass,, Montana; McGee, Warren	column	33	4	29	2	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2014	New products, photos of Northern Pacific flat cars with loads, models; model review, Hornby-Rivarossi HO U25C, photos. Keywords: modeling, U25C	column	33	4	30	10	NPRHA
NP 6506 on passenger train	Kuebler, Bill	Mainstreeter	2014	Back cover photo of Northern Pacific 6506 and North Coast Limited at Fargo. Keywords: Northern Pacific 6506, F3 locomotive, North Coast Limited, passenger train; Fargo, ND	photo	33	4	40	1	NPRHA
4-4-0 locomotive approaching Fargo depot, 1876		Mainstreeter	2015	Cover photo of 4-4-0 locomotive, side rear view; locomotive crew on engine, track, frame depot, town street. Keywords: Fargo, ND; 4-4-0 locomotive, railroad crew, track, station	photo	34	1	1	1	NPRHA

President's Message	Zidel, Bill	Mainstreeter	2015	Fargo convention plans, NPRHA acquires blueprint collection from Lorenz Schrenk, others, importance of volunteers, East and West End Archive work. Keywords: Northern Pacific Railway Historical Association, NPRHA, Pacific Northwest Railroad Archive, PNRA; Burien, WA; Jackson Street Roundhouse; Schrenk, Lorenz	column	34	1	2	2	NPRHA
Welcome to Fargo: NPRHA Members Convene in July	Durr, Duane	Mainstreeter	2015	Convention activities planned; postcard of North Coast Limited, observation car, at Fargo station, 1913. Keywords: Fargo, ND; North Coast Limited, station, passenger car, observation car	article	34	1	4	1	NPRHA
Moorhead and Fargo Residents Are Industry-Minded		Mainstreeter	2015	Reprint of article from The Northwest, Nov.-Dec. 1956, on Fargo-Moorhead industry, local economy; map of Northern Pacific industrial property. Keywords: Fargo, ND; industrial property	article	34	1	5	5	NPRHA
Last Spike Excursion Robbery: The Teller Trunk Incident	Taylor, Jan	Mainstreeter	2015	Last spike activities, 1883, people, events, robbery, outcome. Photos of ceremony, passenger train, and pavillion at Independence Creek,, Montana; depot at Livingston,, Montana, celebrants. Keywords: Independence Creek,, Montana; Villard, Henry; Teller, Henry Moore; passenger train, last spike celebration	article	34	1	10	5	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2015	Passings of Mike Gelhaus, Victor Hansen; photo of Gelhaus and Jim Fredrickson with dome cars. Keywords: Gelhaus, Mike; Hansen, Victor; Fredrickson, James M.; passenger car, vista-dome car	column	34	1	14	2	NPRHA
James J. Hill, Charles S. Mellen: Who Was In the Bottle and Who Was Sitting On the Cork?	Beach, Philip F.	Mainstreeter	2015	Hill plans for interior Washington railroad development, relations with Northern Pacific executives, as written in newspapers; map of railroads south of Spokane, 1899. Keywords: Hill, James J.; Winter, Edwin W.; Morgan, J.P.; Mohler, A.L.; Mellen, Charles S.; Harriman, Edward H.; Oregon Railroad and Navigation Co.	article	34	1	16	7	NPRHA
Editor's Desk	Sherry, Ed	Mainstreeter	2015	Corrections to Everett map in previous issue, further details on Everett operations	column	34	1	23	1	NPRHA
The Struggle to Survey the Yellowstone River Valley	Tarbox, Gary	Mainstreeter	2015	Early survey and engineering of NP, reviews of four John Lubetkin books on subject. Keywords: Yellowstone Valley, railroad survey; Custer, George A.; Sioux Indians; Cooke, Jay; Lubetkin, M. John	article	34	1	24	2	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2015	Solution of previous photo, query for next; description of track and operations in Fargo area, evolution of new F3 diesels. Photos of Northern Pacific 6506 leading westbound North Coast Limited at Fargo, July 1947; Northern Pacific 2668 leading North Coast Limited, semaphore gantry. Keywords: Northern Pacific 6506, F3 locomotive, North Coast Limited, Northern Pacific 2668, Class A-3 4-8-4 Northern locomotive, semaphore, signal equipment	column	34	1	26	3	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2015	New model products, Modeling Committee's new signal maintainer's oil house. Keywords: modeling, Northern Pacific Railway Historical Association, NPRHA, Company Store, servicing facility, oil house	column	34	1	28	3	NPRHA
No Measurements, No Problem: Scratch-Building A Model of the Snoqualmie Depot	Shelton, Bernie	Mainstreeter	2015	Custom structure model project, photos. Keywords: modeling, station; Snoqualmie, WA.	article	34	1	31	3	NPRHA

When I Call Your Name, Please Remain Standing: The Jim Fredrickson Appeal	Taylor, Jan	Mainstreeter	2015	New phase of fund-raising to acquire Fredrickson collection, contributors	article	34	1	34	2	NPRHA
NP 2136 on freight train, Fargo	Nixon, Ronald V.	Mainstreeter	2015	Back cover photo of Northern Pacific 2136 on freight train in yard at Fargo, March 1938. Keywords: Northern Pacific 2136, Class Q-1 4-6-2 Pacific locomotive, freight train, freight car; Fargo, ND; railroad yard	photo	34	1	36	1	NPRHA
NP 6505 and crewman, westbound North Coast Limited, Fargo, September 28, 1950	Nixon, Ronald V.	Mainstreeter	2015	Cover photo of Northern Pacific 6505 standing at station with North Coast Limited, crewman standing by locomotive. Keywords: Northern Pacific 6505, F7 locomotive, North Coast Limited, passenger train, railroad employee, engineer, fireman; Fargo, ND	photo	34	2	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2015	Remembering childhood Northern Pacific trip to Bismarck, later moves	column	34	2	2	2	NPRHA
Everett, Washington, Circa 1955, Part 2	Sullivan, Kent	Mainstreeter	2015	Part 2, history of Northern Pacific in Everett; station, yard track, operations, industries. Photos of station, businesses, mills, engine house area, maps. Keywords: Everett, WA; station, railroad yard, industry, lumber mill	article	34	2	4	25	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2015	Passing of Louis Tuck Renz, Wes Freeman. Keywords: Renz, Louis Tuck; Freeman, Wes	column	34	2	26	2	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2015	New model products, photos	column	34	2	27	3	NPRHA
Yakima Convention Modeling	Frissell, Chris	Mainstreeter	2015	Photos of models displayed at convention. Keywords: Yakima, WA; modeling, convention	article	34	2	30	4	NPRHA
NP Mystery Photo		Mainstreeter	2015	Solution of previous photo, query for next. Photo of Northern Pacific 2666, eastbound North Coast Limited leaving Jamestown, ND, August 4, 1938. Keywords: Northern Pacific 2666, Class A-3 4-8-4 Northern Locomotive, North Coast Limited, passenger train, semaphore, signal equipment; Jamestown, ND	column	34	2	34	2	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2015	Photo of Northern Pacific 6511 on passenger train in open country. Keywords: Northern Pacific 6511, F7 locomotive, passenger train, scenery	photo	34	2	36	1	NPRHA
Workmen cleaning ash pans on locomotive 2194 at Tacoma in the early 1950s	Stevenson, Wade	Mainstreeter	2015	Cover photo of two laborers clearing ash pans on locomotive in yard. Keywords: Northern Pacific 2194, Class Q-4 4-6-2 Pacific locomotive, railroad employee, servicing facility; Tacoma, WA	photo	34	3	1	1	NPRHA

President's Message	Zidel, Bill	Mainstreeter	2015	Acknowledging Fargo convention volunteers, convention moving to September, new Board members, officers; visit to Jackson St. Roundhouse, suggest designer be hired to improve facility for better access, functionality; NPRHA financially healthy, fiscally responsible. Keywords: Northern Pacific Railway Historical Association, NPRHA, Jackson Street Roundhouse	column	34	3	2	2	NPRHA
Running the Locomotive: The Path to the Engineer's Seat	Christensen, Jack	Mainstreeter	2015	Learning steam locomotive operation, rules, local and official procedures, seniority, some noted Tacoma Division engineers. Photos of Northern Pacific 2261 on train 422's last run, Tacoma; Jack Christensen and engineer Max King, Northern Pacific 2194, Tacoma; engineer F.E. Hurley in diesel cab, 1967; engineer Al Barsamian, 1948; Bill Marshall in diesel cab, 1967; conductor W.R. Leonard and engineer Joe Hyllengren; engineer Jimmie Darker in diesel cab, 1963; diagram of H-6 brake valve. Keywords: Northern Pacific 2261, Class Q-6 4-6-2 Pacific locomotive, train 422, Grays Harbor passenger; Christensen, Jack; King, Max; Hurley, F.E.; Barsamian, Al; Marshall, Bill; Leonard, W.R.; Hyllengren, Joe; Darker, Jimmie; railroad employee engineer; Tacoma, WA	article	34	3	4	10	NPRHA
Stampede! The Selection of the NP's Cascade Crossing	Armbruster, Kurt E.	Mainstreeter	2015	Pacific railroad surveys, 1853, Isaac Stevens' northern route, Northern Pacific surveys of Cascades, Virgil Bogue finds Stampede; naming of pass, other incidents. Photos of Bogue and party at Ellensburg, 1881; Northern Pacific 4006 heading freight up east slope of Stampede Pass, distant locomotive climbing west slope, Mt. Rainier in distance; map. Keywords: railroad survey, railroad engineering, Stevens, Isaac I.; Roberts, W. Milnor; Bogue, Virgil G.; Northern Pacific 4006, Class Z-3 2-8-8-2 locomotive; Stampede Pass, WA; scenery	article	34	3	14	9	NPRHA
NP Publications Posted to NPRHA Website	O'Neill, Dean	Mainstreeter	2015	List of company magazines, annual reports (1943-1969), other documents now accessible at NPRHA.org. Keywords: Northern Pacific Railway Historical Association, NPRHA	article	34	3	23	4	NPRHA
East End Archive	Leighton, Hudson	Mainstreeter	2015	AFE scanning update, 1895-1909; scanning process, need help with date entry	column	34	3	26	1	NPRHA
NP Family Mileposts	Heirman, Bob; Sullivan, Kent	Mainstreeter	2015	Passing of Bob Schmidt. Keywords: Schmidt, Bob	column	34	3	27	1	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2015	New model products, photos, photo of track car shed, Ritzville, WA. Keywords: maintenance facility; Ritzville, WA	column	34	3	27	4	NPRHA
Flatbed and Bulk Hauler Trailers	O'Neill, Dean	Mainstreeter	2015	HO modeling of cars, correct for NP. Keywords: modeling, Northern Pacific Railway Historical Association, NPRHA	article	34	3	31	4	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2015	Solution to previous photo, query for next; photo of train 4, The Alaskan, Northern Pacific F7 6511C, in eastern Washington, November 1951. Description of locale, characteristics, configuration of F-units. Keywords: Northern Pacific 6511, F7 locomotive, Alaskan, passenger train, scenery	column	34	3	34	2	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2015	Back cover photo of steam locomotives facing on single track in arid country	photo	34	3	36	1	NPRHA

NP 1111 in yard at Everett, WA		Mainstreeter	2015	Cover photo of Northern Pacific 1111, engineer in cab, in yard, 1957. Keywords: Northern Pacific 1111, Class L-9 0-6-0 locomotive, switch engine, railroad yard, railroad employee, engineer; Everett, WA	photo	34	4	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2015	Board rotation, call for NPRHA financial records for early years, full record in process, Craig Reese named NPRHA representative on PNRA Board; plans to support Minnesota Historical Society project, need to review insurance coverage, discuss shorter convention, changing number of Board members, going to three-year terms, SD45 locomotive 3617, digitize "Steam in Twilight" recording, upgrading Jackson Street Roundhouse facilities. Keywords: Northern Pacific Railway Historical Association, NPRHA, Jackson Street Roundhouse, Pacific Northwest Railroad Archive, PNRA	column	34	4	2	2	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2015	Passing of Dallas Dingle, Kay Jones, Joe Legner, Chris McLarney. Keywords: Dingle, Dallas; Jones, Kay; Legner, Joe; McClarney, Chris	column	34	4	22	2	NPRHA
Grants Available	Shannon, Harold	Mainstreeter	2015	NPRHA preservation and history grants, how and where to send proposals; \$1381 lately awarded depot foundation, Wallace, ID; Keywords: Northern Pacific Railway Historical Association, NPRHA, grants	article	34	4	23	1	NPRHA
Fargo Convention Highlights	Fujii, John	Mainstreeter	2015	Photos of events, participants. Keywords: Northern Pacific Railway Historical Association, NPRHA, convention	article	34	4	24	4	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2015	New model products, photos of model boxcars	column	34	4	28	4	NPRHA
Gallery: Aberdeen, 1967	Ostlund, Gary	Mainstreeter	2015	Photo of track gang working in Aberdeen, WA. Keywords: railroad employee, railroad maintenance, section crew; Aberdeen, WA	photo	34	4	31	1	NPRHA
Fargo Modeling Highlights	Fujii, John	Mainstreeter	2015	Photos of models on display, Steve Fuller with passenger cars, Andrew Hutchinson with switch. Keywords: Fargo, ND; modeling, convention, Northern Pacific Railway Historical Association, NPRHA	photo	34	4	32	4	NPRHA
NP 7011A and NP 3617 and freight trains--model	Frissell, Chris	Mainstreeter	2015	Back cover photo of HO model of Northern Pacific freight locomotives and cars, mountain backdrop	photo	34	4	36	1	NPRHA
0-6-0 steam locomotive, model depot	Montana Historical Society; Frissell, Chris	Mainstreeter	2016	Cover photos of Addison Miller No. 1, former Northern Pacific 1057, Livingston,, Montana; HO model of Bonner,, Montana, depot. Keywords: Northern Pacific 1057, Class L-9 0-6-0 locomotive, Addison Miller Company	photo	35	1	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2016	Volunteers needed for Duluth convention 2017, need new Board members, treasurer; insurance review, shorter conventions, changing number and terms of Board members, Jackson St. Roundhouse work; The Mainstreeter and NPRHA calendar moving briskly in hobby shops. Keywords: Northern Pacific Railway Historical Association, NPRHA, Jackson Street Roundhouse	column	35	1	2	2	NPRHA
Modeling the Bonner Depot	Frissell, Chris	Mainstreeter	2016	HO model of building, history of station, photos of prototype, building model. Keywords: modeling, Bonner,, Montana; station	article	35	1	4	13	NPRHA

Line Changes in Montana's Hellgate Canyon, 1883-1909	Long, Wallace	Mainstreeter	2016	History railroad in area, events. Photos of right of way along Clark Fork River, wreck of train 1, 1891; lumber mill at Bonner,, Montana; North Coast Limited at Bonner, 1940; map. Keywords: track, mainline, right of way, railroad accident, train 1, North Coast Limited, passenger train, mill	article	35	1	17	8	NPRHA
Two Montana Ballast Quarries	Hansen, Jim	Mainstreeter	2016	History of Merriman and McQuarrie rock quarries. Photos of Merriman Quarry, steam shovels, Northern Pacific 1057. Keywords: Merriman Quarry, quarry, ballast, mining, work equipment, Northern Pacific 1057, Class L-9 0-6-0 locomotive	article	35	1	25	4	NPRHA
Modeling Column	Frissell, Chris	Mainstreeter	2016	New model products, NPRHA section house, U25C detailing. Keywords: modeling, section house, U25C locomotive, Northern Pacific Railway Historical Association, NPRHA, Company Store	column	35	1	29	6	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2016	Solution of previous photo, query for next. Photo of Alaskans meeting under coal dock at Dawson, ND, April 28, 1938; fireman coaling locomotive; description of area, operations, photographer Warren McGee. Keywords: Dawson, ND; trains 3/4, Alaskan, passenger train; Northern Pacific 2236, Class Q-5 4-6-2 Pacific locomotive, coal dock, fireman, railroad employee	column	35	1	34	2	NPRHA
North Coast Limited eastbound in Little Yakima Canyon	Kuebler, Bill	Mainstreeter	2016	Back cover photo of North Coast Limited in canyon between Ellensburg and Cle Elum. Keywords: North Coast Limited, passenger train, observation car, passenger car, scenery, Yakima River; Ellensburg, WA	photo	35	1	36	1	NPRHA
NP 4025 at Wallace, ID.	Wood-Levering	Mainstreeter	2016	Cover photo of Northern Pacific 4025, brakeman on pilot, on short freight train near Wallace depot. Keywords: Northern Pacific 4025, Class Z-3 2-8-8-2 locomotive; brakeman, railroad employee, station; Wallace, ID	photo	35	2	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2016	2018 convention suggestions welcome, new Board members wanted; grants for Northwest Railway Museum, Fergus Falls depot; purchase of Camas Prairie RR collection, funds move to University of Idaho. Keywords: Northern Pacific Railway Historical Association, NPRHA, Northwest Railway Museum; Snoqualmie, WA; Fergus Falls, MN; Camas Prairie Railroad	column	35	2	2	2	NPRHA
Jim Fredrickson, 1926-2016	Alexander, Verne	Mainstreeter	2016	Passing of noted NPRHA member Fredrickson, photo. Keyword: Fredrickson, James M. "Jim"	column	35	2	4	2	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2016	Passing of Jim Otto, Everett Young, David Maxwell MacInnes. Keywords: Otto, Jim; Young, Everett; MacInnes, David Maxwell	column	35	2	5	2	NPRHA

Road Atlas: Missoula to Wallace	Flohr, Bruce	Mainstreeter	2016	Description of Wallace branch route, area, history. Photos of Northern Pacific 2201 on local passenger train at Wallace, 1930s; Z-3 at Lookout Pass summer, 1940s; Z-3 leading freight train on trestle, 1940s; Class Z engine and freight train on "S" trestle, collapsed S trestle with hanging passenger cars, rotary snow plow, 1904; Morning Mine at Mullen, ID; track gang removing Burke branch, 1939; Dick Levering and Bruno Martine coaling locomotive, 1939; right of way over Lookout Pass, Wallace yard, roundhouse, maps. Keywords: Wallace, ID; station, roundhouse, railroad yard; Northern Pacific 2201, Class Q-4 4-6-2 Pacific locomotive; passenger train; Lookout Pass, ID/MT; Class Z 2-6-6-2 locomotive, Class Z-3 2-8-8-2 locomotive, freight train, "S" bridge, bridge, railroad accident, snow plow; Levering, Dick; Martine, Bruno; railroad crew, fireman, coal dock, servicing facility	article	35	2	7	14	NPRHA
Coeur d'Alenes Co. Sells to the World from Wallace, Idaho	The Northwest magazine	Mainstreeter	2016	Reprint of article circa 1960 about Wallace area mining, shipping via NP. Photos of mine, mine train. Keywords: Wallace, ID; Coeur d'Alene Company, mining	article	35	2	20	3	NPRHA
Where the Rubber Meets the (Former) Rails	Alexander, Verne	Mainstreeter	2016	Steam operation and retracing the Wallace branch by car, description of terrain, landmarks. Photos of Northern Pacific 4020 climbing Lookout Pass, Northern Pacific 4025 and freight train on trestle at Dorsey, ID; Northern Pacific 3025 overturned in wreck, train 255 last run on April 18, 1941, former right of way now road, trestle and tunnel locations. Keywords: Wallace, ID; Dorsey, ID; Lookout Pass,, Montana; Northern Pacific 4020, 4025, Class Z-3 2-8-8-2 locomotive; Northern Pacific 3015, Class Z 2-6-6-2 locomotive; railroad accident, freight train, trains 254/255, passenger train, bridge, trestle, tunnel, right of way	article	35	2	23	9	NPRHA
Grade Crossing in 1/48 Scale	Deimling, Gene	Mainstreeter	2016	Modeling typical grade crossing, photos, diagram. Keywords: modeling, road crossing, right of way, track	article	35	2	32	2	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2016	Solution to previous photo, query for next. Photo of North Coast Limited along Yakima River near Ellensburg, WA; description of train, area. Keyword: North Coast Limited, Yakima River, passenger train, passenger car, scenery; Ellensburg, WA	column	35	2	34	2	NPRHA
Z-5 locomotive on freight train	Kuebler, Bill	Mainstreeter	2016	Back cover/mystery photo of Z-5 locomotive on freight train in badlands. Keywords: Class Z-5 2-8-8-4 Yellowstone locomotive, freight train, badlands, scenery	photo	35	2	36	1	NPRHA
NP Mystery Photo, steam-powered freight trains approaching each other on double track in rural country	Kuebler, Bill	Mainstreeter	2016	Cover/mystery photo of freight trains	photo	35	3	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2016	President's Award to volunteers, future convention planning, Board members. Keywords: Northern Pacific Railway Historical Association, NPRHA	column	35	3	2	2	NPRHA

Everett, Washington, circa 1944, Part 4	Sullivan, Kent	Mainstreeter	2016	Facilities and operations at Lowell, WA. Photos of Lowell depots, 1928 and 1954; Simpson Paper mill, Walton Plywood mill, Sumner Iron Works, map. Keywords: Everett, WA; Lowell, WA; station, train order signal, Simpson Paper Company, Walton Plywood Company, Sumner Iron Works, lumber mill, paper mill, factory	article	35	3	4	16	NPRHA
West End Archive	Taylor, Jan	Mainstreeter	2016	Member Jerry Masters spearheads Montana Rail Link collection including Northern Pacific material moved to West End Archive at Pacific Northwest Railroad Archive, Burien, WA. Photos of material in storage, being unloaded at Burien. Keywords: Montana Rail Link, Pacific Northwest Railroad Archive; Masters, Jerry; Northern Pacific Railway Historical Association, NPRHA, West End Archive	article	35	3	18	2	NPRHA
NPRHA Grants	Shannon, Harold	Mainstreeter	2016	\$5000 grant to Northwest Railway Museum for Northern Pacific 924; \$5000 to Craig S. Gantner for restoration of depot, Fergus Falls, MN. Changes to grants program. Photos of Northern Pacific 924, Fergus Falls station. Keywords: Northern Pacific Railway Historical Association, NPRHA, Northwest Railway Museum, Northern Pacific 924, Class L-7 0-6-0 locomotive; Gantner, Craig S.; Fergus Falls, MN; station	article	35	3	20	2	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2016	Passing of Joseph L. Dombovy, Amie Cote. Keywords: Dombovy, Joseph L.; Cote, Amie	column	35	3	21	1	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2016	Solution to previous photo, query for next. Photo by Warren McGee of Extra 5011 East in badlands near Sims, ND, April 25, 1946; description of area, locomotive 5011 accident on October 16, 1947; photo of wreck. Keywords: Northern Pacific 5011, Class Z-5 2-8-8-4 Yellowstone locomotive; Sims, ND; Sunny, ND; freight train, railroad accident, badlands; McGee, Warren R.	column	35	3	22	2	NPRHA
Riding the Vista-Dome North Coast Limited in 1959	Power, T. Michael	Mainstreeter	2016	Description of train trip, sights, operations. Photos of North Coast Limited eastbound in Jefferson Canyon, June 28, 1958; at station in Livingston,, Montana; from dome on train 26 near Sanders,, Montana, January 29, 1962; rear view of North Coast Limited, observation car, on Burlington at Naperville, IL, November 2, 1956; crew segments. Keywords: North Coast Limited, passenger train, passenger car, station, railroad employee; Burlington Route; Bismarck, ND; Naperville, IL	article	35	3	24	8	NPRHA
HO scale model of NP 7009D on freight train	Frissell, Chris	Mainstreeter	2016	Back cover photo of HO scale model freight train. Keywords: modeling, Northern Pacific Railway, freight train, F9 locomotive	photo	35	3	32	1	NPRHA
Photo of passenger train in approaching mail crane in forested country	Kuebler, Bill	Mainstreeter	2016	Cover/mystery photo of passenger train. Keywords: passenger train, Mainstreeter, mail crane, scenery	photo	35	4	1	1	NPRHA

President's Message	Zidel, Bill	Mainstreeter	2016	Passing of member Ken Vogel, importance to NPRHA; Duluth convention planning, Burn changes, creating financial history, reviewing insurance, convention process, grants process, financial process, Jackson Street Roundhouse space, working with Modeling Committee and Company Store; Northern Pacific 3617. Keywords: Northern Pacific Railway Historical Association, NPRHA, Jackson Street Roundhouse	column	35	4	2	2	NPRHA
NP Transport, Part 4: Expansion and Disappointment	Yaremko, Richard	Mainstreeter	2016	Use of buses and trucks in place of trains in the 1950s and 1960s, article new trailer service, problems, economics. Photos of NPT buses, tractors, trailers, loading facilities; stations at Logan, Whitehall, Missoula, Alder, and Garrison,, Montana; Mainstreeter and semaphore signal at Logan, 1956. Keywords: Northern Pacific Transport Company, NPT, Flxable, Crown, Fageol, Kalamazoo, White, Chevrolet, motor coaches; International, White, Freightliner, Peterbilt, Buckingham, Kenworth, truck tractor, semi-trailer; Logan,, Montana; Alder,, Montana; Garrison,, Montana; Missoula,, Montana; Whitehall,, Montana; station	article	35	4	4	20	NPRHA
An Ainsworth Collection Sampler: Washington State	PNRA; Fredrickson, James M.; Johnston, Robert W.; Turner, James A.; Johnson, Russell C.; Hill, Harold A.; Kilburn, B. W.	Mainstreeter	2016	Photos of Northern Pacific 6010 on freight train and Northern Pacific 5116 at Easton, WA, 1944; station at Dayton, Pasco, Zillah, WA; track approaching Old Stampede in snow, 1950s; Northern Pacific 2610 on passenger train with crossing shanty, flagman, Spokane Street, Seattle, 1935; Northern Pacific 2603 on Wilkie campaign special at Seattle, 1940; rear of northbound freight train 675, rear brakeman, telegrapher, Black River, WA, 1925; Northern Pacific B-8 at Gate, WA; Green River bridge at Palmer Junction, WA; stereo views of Northern Pacific 164 at Eagle Gorge, 1904. Keywords: Northern Pacific 6010, FT locomotive; Northern Pacific 5116, Class Z-6 4-6-6-4 locomotive, freight train, servicing facility, cinder pit, Easton, WA; Dayton, WA; Pasco, WA; Zillah, WA; Stampede, WA; station; North Yakima and Valley RR; Northern Pacific 735, Class C-3 4-4-0 locomotive, passenger train; Stampede Pass; Northern Pacific 2610, 2603, Class A 4-8-4 Northern locomotive, crossing shanty, railroad employee; Wilke, Wendell, special train; Black River, WA; trains 675/676, cabooses; Northern Pacific B-8, gas-electric car; Palmer Junction, WA; Eagle Gorge, WA; Green River, bridge; Northern Pacific 163, Class S 4-6-0 locomotive	article	35	4	22	6	NPRHA
NPRHA Grants	Shannon, Harold	Mainstreeter	2016	Grants procedures, awards 2012-2016, new committee members sought. Keywords: Northern Pacific Railway Historical Association, NPRHA, grants	article	35	4	28	1	NPRHA

NP Family Mileposts	Alexander, Verne	Mainstreeter	2016	Passing of Ken Vogel, Harley Weer, Norman Legato, Ken Bronstetter, Del Klakken. Keywords: Vogel, Ken; Weer, Harley; Legato, Norman; Bronstetter, Ken; Klakken, Del	column	35	4	29	2	NPRHA
Wallace Convention Highlights	Fujii, John	Mainstreeter	2016	Photos of attendees, presenters, models. Keywords: Northern Pacific Railway Historical Association, NPRHA, convention, Condotta, Lino; O'Neil, Dean; Leach, Rick; Christensen, Jack; Frissell, Chris; Hillman, Shauna; Lookout Pass, station at Wallace, ID; station	article	35	4	30	4	NPRHA
NP Mystery Photo	Kuebler, Bill; Edgell, Gary	Mainstreeter	2016	Solution to previous photo, query for next. Photo of Extra 1836 East and Extra 1852 West approaching on double track at Lake Park, MN; description of area, track. Keywords: Northern Pacific 1836, Class W-3 2-8-2 Mikado locomotive; freight train, track	column	35	4	34	2	NPRHA
NP 5132 on freight train, Ray Spaulding	Nixon, Ronald V.	Mainstreeter	2017	Cover photo of Northern Pacific 5132 on freight train near Bonner,, Montana, April 25, 1943; Ray Spaulding. Keywords: Spaulding, Ray; engineer, railroad crew, Northern Pacific 5132, Class Z-8 4-6-6-4 locomotive, freight train; Bonner,, Montana	photo	36	1	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2017	Plans to review Mainstreeter, layout, content, modeling; review convention planning; archival facilities; Modeling Committee; dues. Board and officers need new volunteers. Keywords: Northern Pacific Railway Historical Association, NPRHA	column	36	1	2	2	NPRHA
Everett, Washington, Circa 1955, Part 5	Sullivan, Kent	Mainstreeter	2017	Part 5 look at industries served by NP. Aerial photos of mills, equipment, Northern Pacific 555 switching Kraft mill, engineer Arvid Fox, 1970, map. Keywords: Everett, WA; Northern Pacific 555, GP9 locomotive; Fox, Arvid; engineer, railroad crew, Weyerhaeuser Company, Kraft Paper Company	article	36	1	4	16	NPRHA
NP Mystery Photo	Kuebler, Bill; Power, Mike	Mainstreeter	2017	Photos of eastbound Mainstreeter approach mail crane, mail car picking up mail, Avon,, Montana, August 1964. Description of operation, signals, consist. Keywords: Mainstreeter, passenger train, Railway Mail Service, mail crane, passenger car, RPO car; Avon,, Montana	column	36	1	18	2	NPRHA
The Derailment of Engine 1532	Kuebler, Bill	Mainstreeter	2017	Young engineer and wreck of freight train, events, circumstances, causes. Photos of Ray Spaulding, Northern Pacific 5132 wrecked, wreck site, wreck train, cranes. Keywords: Spaulding, Raymond; Northern Pacific 5132, Class Z-8 4-6-6-4 locomotive, freight train, railroad accident; Logan,, Montana	article	36	1	22	14	NPRHA

East End Archives	Borkan, Mike	Mainstreeter	2017	Scanning work at Jackson Street Roundhouse, photo archiving new collection of Northern Pacific and GN construction projects. Photos of Clyde track-layer and section workers, Orofino, ID, 1927. Keywords: Northern Pacific Railway Historical Association, NPRHA, East End Archives, Jackson Street Roundhouse, Minnesota Transportation Museum,, MontanaM, railroad employee, section crew, track machine; Orofino, ID	column	36	1	37	3	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2017	Passing of Robert Sample, Frank Herbert Smith, Mitchell "Dean" Whitworth. Keywords: Sample, Robert; Smith, Frank Herbert; Whitworth, Mitchell "Dean"	column	36	1	39	1	NPRHA
Steam powered passenger train in badlands		Mainstreeter	2017	Back cover/mystery photo of passenger train with 4-8-4 locomotive in hilly country	photo	36	1	40	1	NPRHA
NP 4025 on freight train on Lookout Pass	McGee, Warren	Mainstreeter	2017	Cover photo of Northern Pacific 4025 on freight train in mountains of Lookout Pass, 1940s. Keywords: McGee, Warren R.; Northern Pacific 4024, Class Z-3 2-8-8-2 locomotive, freight train, Lookout Pass	photo	36	2	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2017	2017 and 2018 convention planning, Board needs new volunteers, finances good.	column	36	2	2	2	NPRHA
Warren McGee Remembers (The Stilson Wrench)	Johnsen, Kenneth G.	Mainstreeter	2017	Look at noted Northern Pacific employee and photographer, photos of McGee at home, grandfather Ed J. Reeves. Keywords: McGee, Warren R.; Reeves, Ed J.	article	36	2	4	3	NPRHA
Macfarlane's Gamble: The Hidden Forces That Led to the Vista-Dome North Coast Limited	Martin, Mike	Mainstreeter	2017	Study of passenger service, market, competition, consultants' studies, personalities, economics. Photos of North Coast Limited beside Lake Cocolalla, ID, 1948; Butte,, Montana, 1949; Stampede Pass, 1954; Livingston,, Montana, 1955; on trestle at Homestake Pass, Skones,, Montana, 1955; Robert S. Macfarlane and wife on business car Yellowstone River, Missoula, 1955; stewardess-nurse Eileen McGough, 1955; Budd Slumbercoach Loch Leven, 1959; revenue chart. Keywords: North Coast Limited, passenger train, passenger car, vista-dome car, business car, Yellowstone River, Budd Slumbercoach, Loch Leven, Northern Pacific 6501, F3 locomotive, stewardess-nurse; McGough, Eileen; Macfarlane, Robert S.; Lake Cololalla, ID; Butte,, Montana; Stampede Pass, WA; Livingston,, Montana; Homestake Pass,, Montana; Skones,, Montana	article	36	2	8	12	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2017	Passing of Bob Heirman, testimonies. Keywords: Heirman, Bob	column	36	2	18	2	NPRHA
The Northwest and its Resources	NP Railway	Mainstreeter	2017	Reprint of The Northwest magazine article January-February 1961, North Dakota agriculture, Great Lakes shipping. Photos of grain and ore ships, shipyards. Keywords: Northern Pacific Railway, industry, customers, economics, publications	article	36	2	20	5	NPRHA

West End Archive: Ainsworth Collection Sampler: Minnesota	Soule, Chuck	Mainstreeter	2017	Photos in NPRHA Ainsworth collection at Pacific Northwest Railroad Archive. Northern Pacific first spike signboard, Carlton; Northern Pacific 1182 switching at Duluth, 1955; Northern Pacific 2189 on passenger train 61, Duluth, 1949; Northern Pacific 2202 on passenger train at Superior, 1956; Northern Pacific 2652 on North Coast Limited at St. Paul, 1945; Northern Pacific 2252 at St. Paul, 1950; Northern Pacific 2674 on The Alaskan at St. Paul, 1948; Northern Pacific 6502 on North Coast Limited, St. Paul, 1948; Northern Pacific 1545 on freight train at Northtown, 1950s; W-3 Mikado on freight train at Northtown, 1950s; roundhouse and facilities at Dilworth, MN, 1950; Northern Pacific 683 on passenger train at Verndale, MN, 1908; wrecked Sand River bridge, 1909; Northern Pacific 667 arriving at Fergus Falls, 1906. Keywords: Northern Pacific 1182, Class L-10 0-8-0 locomotive; Northern Pacific 2189, 2202, Class Q-4 4-6-2 Pacific locomotive; Northern Pacific 2652, Class A-2 4-8-4 Northern Locomotive; Northern Pacific 2252, Class Q-6 4-6-2 Pacific locomotive; Northern Pacific 2674, Class A-4 4-8-4 Northern locomotive; Northern Pacific 6502, F3 locomotive; Northern Pacific 1545, Class W 2-8-2 Mikado locomotive; Northern Pacific 667, 683, Class B 4-4-0 locomotive; Duluth, MN; Carlton, MN; Superior, WI; St. Paul, MN; Northtown, MN; Dilworth, MN; Fergus Falls, MN; railroad yard, roundhouse, \$4000 to Minnesota Transportation Museum for Rutledge, MN, depot work at Jackson Street Roundhouse; \$5000 to Friends of the Elkhorn Tank, Missoula; \$5000 to Paradise Elementary School Preservation Committee for railroad history display. Keywords: Northern Pacific Railway Historical Association, NPRHA, grants, Minnesota Transportation Museum, Jackson Street Roundhouse; Rutledge, MN; station, water tank; Elkhorn,, Montana; Paradise,, Montana.	article	36	2	25	7	NPRHA
NPRHA Grants	Shannon, Harold	Mainstreeter	2017	\$4000 to Minnesota Transportation Museum for Rutledge, MN, depot work at Jackson Street Roundhouse; \$5000 to Friends of the Elkhorn Tank, Missoula; \$5000 to Paradise Elementary School Preservation Committee for railroad history display. Keywords: Northern Pacific Railway Historical Association, NPRHA, grants, Minnesota Transportation Museum, Jackson Street Roundhouse; Rutledge, MN; station, water tank; Elkhorn,, Montana; Paradise,, Montana.	column	36	2	32	1	NPRHA
NP Mystery Photo	Edgell, Kuebler, Bill	Mainstreeter	2017	Solution of previous photo, query for next. Photo of The Alaskan eastbound near Medora, ND, August 1945. Description of country, track, operations. Photos of Mainstreeter near same location with diesel. Keywords: Northern Pacific 2662, Class A-3 4-8-4 locomotive, Alaskan, Mainstreeter, passenger train; Medora, ND	column	36	2	33	3	NPRHA
North Coast Limited beside river, dome car foreground	Nixon, Ronald V.	Mainstreeter	2017	Back cover photo of eastbound North Coast Limited beside river, dome cars, June 28, 1958. Keywords: North Coast Limited, passenger train, passenger car, vista-dome car; Jefferson River,, Montana; Nixon, Ronald V.	photo	36	2	36	1	NPRHA
4-6-6-4 steam locomotive on freight climbing Bozeman Pass	McGee, Warren R.	Mainstreeter	2017	Cover photo of Northern Pacific 5106 with eastbound freight nears Bozeman Tunnel in snow, helper on rear, February 10, 1939. Keywords: McGee, Warren R.; Northern Pacific 5106, Class Z-6 4-6-6-4 locomotive, freight train, Bozeman Pass, West End,, Montana	photo	36	3	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2017	Unable to leave presidency, no replacements, Duluth convention success, new Board members needed, new treasurer. Keywords: Northern Pacific Railway Historical Association, NPRHA	column	36	3	2	2	NPRHA

Warren McGee: A Portfolio	NPRHA; McGee, Warren R.	Mainstreeter	2017	Selection of McGee images, brief description of life and work. Photos of Northern Pacific 5000 from cab, 1934; rear view of westbound North Coast Limited, observation car, 1937. Northern Pacific 5105 at Livingston, 1937; McGee and front of Northern Pacific 5104, 1937; Northern Pacific 10, 0-6-0 shop engine, Brainerd, MN, 1938; interior of Livingston shops, 1939; Northern Pacific 1594 and 2228 on North Coast Limited eastbound on Marent viaduct, 1939; Northern Pacific 1829 on freight near Thrall, 1941; Northern Pacific 2239 wrecked at Athol, 1941; McGee at typewriter, 1941; section crew at work, Muir, 1945; Northern Pacific 2239 pushing North Coast Limited into Bozeman Tunnel, 1945; conductor Warren McGee handing orders to father, engineer Harold McGee, on Alaskan, 1950; passenger extra 6509 at Electric,, Montana, 1953; scrapping steam power at Laurel, 1957.	article	36	3	2	18	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2017	Passing of Warren R. McGee, Melvin A. Rice, Paul "Smokey" Gould, John Grewell. Keywords: McGee, Warren R.; Rice, Melvin A.; Gould, Paul "Smokey"; Grewell, John	column	36	3	20	2	NPRHA
West End Archives	Petry, Bill	Mainstreeter	2017	Pacific Northwest Railroad Archive activity, finances, donor programs, collections arriving, cataloguing proceeding. Keywords: Northern Pacific Railway Historical Association, NPRHA, West End Archives, Pacific Northwest Railroad Archive, PNRA; Burien, WA	column	36	3	21	1	NPRHA
NPRHA Grants	Shannon, Harold	Mainstreeter	2017	Description of Grants Committee, mission, process. Keywords: Northern Pacific Railway Historical Association, NPRHA, grants	column	36	3	21	1	NPRHA
NP 1762, W-3	Fujii, John M.	Mainstreeter	2017	History and current state of locomotive, photos in service, on display. Keywords: Northern Pacific 1762, Class W-3 2-8-2 Mikado locomotive; Vancouver, WA; Grand Canyon Railway; Williams, AZ	article	36	3	22	2	NPRHA
Modeling column	Helberg, John	Mainstreeter	2017	New model products	column	36	3	24	4	NPRHA
Upgrading the Trix HO-Scale Three-Bay Hopper	Bischoff, Larry	Mainstreeter	2017	Detailing hopper car model for NP, photos. Keywords: modeling, Northern Pacific 72000, three-bay hopper, freight car; Bischoff, Larry	article	36	3	28	2	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2017	Solution to previous photo, query for next. Photo of eastbound Mainstreeter, Northern Pacific 6508C, between Sunny and Lyons, ND, July 1961. Description of area, operations, consist. Keywords: Mainstreeter, passenger train, passenger car, mail car, Northern Pacific 6508C, F7 locomotive	column	36	3	30	2	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2017	Back cover/mystery photo of 4-8-4 locomotive leading freight train through cut in wooded country. Keyword: Northern Pacific Railway, 4-8-4 Northern locomotive, freight train	photo	36	3	32	1	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2017	Back cover/mystery photo of mail car on passenger train picking up mail bag from crane in forested country	photo	35	4	36	1	NPRHA
Troop train on Skyline trestle, 1950s	Dodge, Bamford; Kuebler, Bill	Mainstreeter	2017	Cover photo of rear of train, pusher engine, taken from vestibule. Keyword: troop train, Skyline trestle, bridge; Mullan Pass,, Montana	photo	36	4	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2017	Centralia convention, 2018, family ties to NP	column	36	4	2	1	NPRHA

Over Mullan Pass in HO Scale	Brumback, Larry; Thompson, Kirk	Mainstreeter	2017	History of route, description of building and operation of layout. Photos of "The Station," layout, trains, scenery, structures. Keywords: modeling, Northern Pacific Railway; Mullan Pass, Helena,, Montana; Brumback, Larry; Thompson, Kirk	article	36	4	4	8	NPRHA
The Elliston and Southern Railroad	Hansen, Jim	Mainstreeter	2017	History, building, operations, map. Photos of trains, locomotives in Helena area, Northern Pacific 12. Keywords: Elliston and Southern Railroad, Helena Hot Springs and Smelter Railroad; dummy locomotive, passenger car, Northern Pacific 12, Class H-2 0-4-0 locomotive	article	36	4	12	6	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2017	Solution of previous photo, query for next. Northern Pacific 2657 on eastbound freight train between Cushing and Lincoln, MN, August 16, 1946. Description of area, track, terrain, line changes, dispatching. Keywords: Northern Pacific 2657, Class A-2 4-8-4 Northern locomotive, freight train	column	36	4	18	2	NPRHA
The NPRHA at Duluth, 2017	Fujii, John	Mainstreeter	2017	Photos of convention attendees, activities. Keywords: Northern Pacific Railway Historical Association, NPRHA, convention; Duluth, MN	article	36	4	20	1	NPRHA
Online History for the NP Modeler	Taylor, Jan	Mainstreeter	2017	New scans of documents at Pacific Northwest Railroad Archive and Museum of the Rockies useful for modeling. Photos of Mullan Pass layout, AFE, depot diagram, census form. Keywords: Thompson, Kirk; modeling, Pacific Northwest Railroad Archive, PNRA, AFE, station; Weed, Schley, Reid,, Montana	article	36	4	22	4	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2017	Passing of Charles James Rickett; Robert J. Edgar; James Edward Land; Richard Fiedler. Keywords: Edgar, Robert J.; Lang, James Edward; Fiedler, Richard	column	36	4	26	1	NPRHA
Modeling NP Concrete Plank Crossings, Part 1: History	Dick, James C.	Mainstreeter	2017	History, development, manufacture; NPRHA Modeling Committee response. Photos of crossing materials, construction, South Tacoma plant, AFEs, diagrams, maps. Keywords: railroad crossing, track, Northern Pacific Railway Historical Association, NPRHA, modeling; South Tacoma, WA	article	36	4	27	14	NPRHA
Freight train led by F-units on double track seen from cab of approaching train	Kuebler, Bill	Mainstreeter	2017	Back cover/mystery photo of freight train seen from cab of meeting train in prairie country. Keywords: freight train, F-unit, meet, track	photo	36	4	40	1	NPRHA
Mainstreeter with NP 6502 at station, Missoula, 1953	NPRHA; Fredrickson, James. M.	Mainstreeter	2018	Cover photo of eastbound Mainstreeter led by Northern Pacific 6502 standing in station. Keyword: Mainstreeter, passenger train, Northern Pacific 6502, F7 locomotive; Missoula,, Montana	photo	37	1	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2018	Centralia convention being finalized, NPRHA now sub-leases space at Jackson St. Roundhouse from GNRHS, no longer has "direct relationship" with, MontanaM, members injured in Amtrak wreck at Dupont, WA, December 2017; Bob Horne collection to PNRA. Keywords: Northern Pacific Railway Historical Association, NPRHA, Great Northern Railway Historical Society, GNRHS, Jackson Street Roundhouse, Minnesota Transportation Museum,, MontanaM	column	37	1	2	2	NPRHA

The Alternative: Did the Northern Pacific Err in its Postwar Passenger Strategy?	Martin, Mike	Mainstreeter	2018	Analysis of Northern Pacific passenger service, company policy, strategies, competition. Photos of Budd Slumbercoach on North Coast Limited, Pullman solarium-sleeper on Mainstreeter at Missoula, Budd vista-dome observation car in Amtrak service, Alaskan at Scoria, ND, in 1950; timetable. Keywords: North Coast Limited, Mainstreeter, Alaskan, passenger train, Budd Slumbercoach, Pullman Company, passenger car; Missoula,, Montana; station	article	37	1	4	10	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2018	Solution to previous photo, query for next. Photo of Extra 6005D West in siding, from cab of train 4, Steele, ND, August 1960. Description of area, train operations. Keywords: Northern Pacific 6005D, F3 locomotive, freight train, train 4, passenger train; Steele, ND	column	37	1	14	2	NPRHA
Tracking the NP	Ambrose, Brian	Mainstreeter	2018	Present-day photos of BN caboose, ex-NP 1094; depots at Staples and Wadena, MN; BNSF locomotive on Ottertail River bridge, ex-NP bridge 199. Keywords: Northern Pacific 1094, caboose; Staples, MN; station, bridge	column	37	1	16	4	NPRHA
Editor's Desk	Armbruster, Kurt E.	Mainstreeter	2018	Armbruster new managing editor, thanks to predecessors, how The Mainstreeter works, all member and vet submissions welcome	column	37	1	20	1	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2018	Passing of Orson Earnest Murray, Joe "Popeye" Mitchell. Keywords: Murray, Orson Earnest; Mitchell, Joe "Popeye"	column	37	1	20	1	NPRHA
Gallery: Models on Display at the Duluth Convention	Kajdzik, Bill	Mainstreeter	2018	HO scale models of freight and passenger cars by Larry Bischoff. Keywords: HO scale model; Bischoff, Larry	article	37	1	22	3	NPRHA
Fine-Detailing NP U-Boats	Frissell, Chris	Mainstreeter	2018	Modeling techniques, photos of Northern Pacific 2809 on freight train, Missoula; HO models. Keywords: modeling, Northern Pacific 2809, U28C locomotive, freight train	article	37	1	25	7	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2018	Back cover/mystery photo of view of badlands from vista-dome of North Coast Limited	photo	37	1	32	1	NPRHA
NP 2262 at Centralia, WA, in 1939	Hill, Harold	Mainstreeter	2018	Cover photo of Northern Pacific 2262 on train 407, standing at water plug, father and son observing. Keywords: Northern Pacific 2262, Class Q-6 4-6-2 Pacific locomotive, trains 407/408, passenger train, water column, people, Centralia, WA	photo	37	2	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2018	Considering "more stable" location in view of Jackson St. Roundhouse developments; cataloguing Northern Pacific materials at PNRA; Bob Horne collection sold or moved to PNRA. Keywords: Northern Pacific Railway Historical Association, NPRHA, Pacific Northwest Railroad Archive, PNRA, Jackson Street Roundhouse	column	37	2	2	2	NPRHA

Centralia-Chehalis: NP Nerve Center	Armbruster, Kurt E.	Mainstreeter	2018	History, development, operations in area. Photos of Northern Pacific 1812 on southbound freight, first Chehalis and Centralia depots, second Centralia depot with northbound UP passenger train, depot yard, roundhouse, main yard, Northern Pacific 56 switching yard, Northern Pacific 1049 in Chehalis yard meeting UP freight, gas-electric car B-18 and engineer at Centralia, Northern Pacific train 407 leaving station in 1939, Blakeslee Junction, doubleheaded UP passenger train 458 leaving Centralia in 1940, Northern Pacific 1705 leading freight off Grays Harbor branch, W-3 Mikados laying over in helper service, Northern Pacific 1804 and diesel 406 in yard, Northern Pacific 6503 with train 407 arriving at Centralia, new Chehalis station with Northern Pacific passenger train, Chehalis yards, freight station, telegrapher Bessie Box handing train orders to Northern Pacific 1752 on freight, Northern Pacific 2604 on train 408 at Chehalis Junction in 1954, wreck of train 680 in 1955, map, timetables. Keywords: Northern Pacific 1705, 1752, 1776, 1804, 1812, Class W-3 2-8-2 Mikado locomotives; Northern Pacific 56, Class F-1 2-8-0 Consolidation locomotive; Northern Pacific 1049, Class L-9 0-6-0 locomotive; Northern Pacific 2262, Class Q-6 4-6-2 Pacific locomotive; Northern Pacific B-18, gas-electric car; Northern Pacific 406, Baldwin VO-1000 locomotive; NP 6506, F7 locomotive; Northern Pacific 2604, Class A 4-8-4 locomotive;	article	37	2	4	20	NPRHA
NP's Willapa Harbor Branch	Sprau, David	Mainstreeter	2018	History, operations, dispatching. Photos of Northern Pacific 1682 on mixed train 591 at Centralia and Littell, WA, 1954; combine car 1195; station at Dryad, WA, with passenger train 367, 1910; station at Pe Ell with train 367, 1910; train 591 with engine 1621 at Pe Ell and Frances, 1954; Frances, WA, 1910; Northern Pacific 1621 and combine on Willapa River bridge, at Raymond station, and at water tank, South Bend, 1954; Northern Pacific 389 on log train, 1910; Northern Pacific 6005D and Northern Pacific 229 on Casey Jones Excursions trains, South Bend and Raymond. Keywords: Willapa Harbor branch; Raymond, WA; South Bend, WA; Dryad, WA; Pe Ell, WA; Northern Pacific 1682, Class W 2-8-2 Mikado locomotive; train 591, mixed train, train 367, passenger train, Northern Pacific 367, 4-6-0 Ten-wheeler locomotive; Northern Pacific 389, 4-4-0 American Standard locomotive; Northern Pacific 1195, combination car, passenger car; Northern Pacific 6005D, F5 locomotive, Northern Pacific 229, GP9 locomotive, Casey Jones Excursions	article	37	2	24	11	NPRHA
Modeling column	Helberg, John	Mainstreeter	2018	New model products	column	37	2	37	3	NPRHA
Editor's Desk	Armbruster, Kurt E.	Mainstreeter	2018	PNRA online resources, coming articles, all submissions welcome	column	37	2	39	1	NPRHA
Tracking the NP	Ambrose, Brian	Mainstreeter	2018	Recent photos of Northern Pacific sites at Tenino, Chehalis, Centralia. Keywords: Tenino, WA; Tenino Depot Museum; Chehalis, WA; Lewis County Museum; Centralia, WA; Northern Pacific 233, baggage car, passenger car	column	37	2	40	1	NPRHA

NP Mystery Photo	Kuebler, Bill	Mainstreeter	2018	Solution to previous photo, query of next. Photo from North Coast Limited vista-dome of badlands near Sully Springs, ND. Description of region, equipment, operations. Keywords: North Coast Limited, passenger train, vista-dome car, passenger car; Sully Springs, ND; scenery	column	37	2	41	2	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2018	Passing of Cereta Fredrickson. Keywords: Fredrickson, Cereta; Fredrickson, James M.	column	37	2	42	1	NPRHA
Pacific Northwest Railroad Archive	Tarbox, Gary; Kelly, Bob	Mainstreeter	2018	Update on PNRA activities, new acquisitions, volunteering, community outreach, facilities, administration, making Archive known. Keywords: Pacific Northwest Railroad Archive, PNRA; Burien, WA	article	37	2	42	2	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2018	Back cover/mystery photo of a. pproaching passenger train passing between semaphore signals, from cab of train in sidingKeywords: passenger train, semaphore, signal equipment, siding, meet	photo	37	2	44	1	NPRHA
NP 6506C on passenger train 61 at Rutledge, MN	Hofsommer, Don L.	Mainstreeter	2018	Cover photo of train standing at small station en route to Duluth/Superior in 1956. Keywords: Northern Pacific 6506C, F7 locomotive, trains 61/62, passenger train, station, Rutledge, MN.	photo	37	3	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2018	Convention Committee activity, issues; NPRHA and GNRHS coordinating on Jackson St. Roundhouse work, Bob Horne collection work finished. Keywords: Northern Pacific Railway Historical Association, NPRHA, Great Northern Railway Historical Society, GNRHS, Jackson Street Roundhouse	column	37	3	2	1	NPRHA
Editor's Desk	Armbruster, Kurt E.	Mainstreeter	2018	Thanks to longtime members who contribute images and other material; coming features, call for digital map-makers	column	37	3	3	1	NPRHA
40-40-20: The Twin Cities-Twin Ports Passenger Pool	Hofsommer, Don L.	Mainstreeter	2018	History of Twin Cities-Twin Ports passenger service, competition, coordination. Photos of Northern Pacific 2149 on train 61 at Wyoming, MN, 1948; Soo Line train 62 at Osceola, WI, 1947; Northern Pacific 2257 on train 61, Rush City, MN, 1950; Northern Pacific 2241 on train 66, Duluth, 1950; GN train 19, Duluth, 1950; Northern Pacific 6600 on train 61, St. Paul, 1950s; Northern Pacific 245 on train 65, Duluth, 1962; GN 511 on train 20, 1967; timetables, consists. Keywords: Northern Pacific 2149, Class Q-4 4-6-2 Pacific locomotive; trains 61/62, 65/66, passenger train; Wyoming, MN; station; Soo Line 717, 4-6-2 Pacific locomotive, Osceola, WI; Northern Pacific 2257, Class Q-6 4-6-2 Pacific locomotive; Rush City, MN; Northern Pacific 2241, Class Q-4 4-6-2 Pacific locomotive; Duluth, MN; station; GN trains 19/20, Badger, Gopher; Northern Pacific 6600, FP7 locomotive, St. Paul, MN; Northern Pacific 245, GP9 locomotive; GN 511, E7 locomotive	article	37	3	4	16	NPRHA

Memories of the Gate Local	Replinger, Peter J.	Mainstreeter	2018	Train operations in 1950s, power, crews. Photos of Northern Pacific 1776 on Casey Jones Excursion train at Olympia, 1957; Northern Pacific 386 on train 365, Gate, WA, 1910; Northern Pacific 1802 on freight at Elma, WA, 1950s; SW1200s at Olympia, 1960; Northern Pacific 133 and 244 at Lacey, WA, 1961; Northern Pacific 249 and three other GP9s on Gate local, brakeman, at Lacey, 1959. Keywords: Northern Pacific 1776, Northern Pacific 1802, Class W-3 2-8-2 Mikado locomotive; Northern Pacific 386, Class P-2 4-6-0 Ten-wheeler locomotive; Northern Pacific 137, SW1200 locomotive; Northern Pacific 214, 249, GP9 locomotive; Gate, WA; Casey Jones Excursions, passenger train, freight train, train 365/366, Grays Harbor passenger, station; Elma, WA; Olympia, WA; railroad yard, railroad employee	article	37	3	20	7	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2018	Solution to previous photo, query for next. Photo of westbound Mainstreeter passing semaphores approaching waiting train in siding, from cab, Ladoga, ND; description of area, operations. Keywords: Mainstreeter, semaphore, signal equipment, Ladoga, ND	column	37	3	26	2	NPRHA
On the Rail of Max King		Mainstreeter	2018	On writings of King, Kent Sullivan asking whereabouts of originals, other King material	article	37	3	28	1	NPRHA
NP RS-3 in 1/48 Scale	Deimling, Gene	Mainstreeter	2018	Lee Turner's HO model of RS3, photos	article	37	3	29	1	NPRHA
Tracking the NP	Ambrose, Brian	Mainstreeter	2018	Photos of Mandan station, first Jamestown station now at Frontier Village, MN; caboose 1761, First Spike sign at Carlton, MN; Northern Pacific 3617, SD45 locomotive, caboose 1311, Duluth. Keywords: Mandan, ND; Jamestown, ND; station, Northern Pacific 3617, SD45 locomotive; Northern Pacific 1311, 1761, caboose; railroad construction, sign, Northern Pacific Railroad, first spike; Carlton, MN	column	37	3	30	2	NPRHA
NPRHA Grants	Shannon, Harold	Mainstreeter	2018	Grants to Fort Abraham Lincoln foundation for Mandan depot; Old Brule Heritage Society for Blueberry depot; Craig S. Gantner for depot site at Fergus Falls, MN; photos of all. Keywords: Mandan, ND; station; Blueberry, WI; Fergus Falls, MN	article	37	3	32	2	
NP Family Mileposts	Alexander, Verne	Mainstreeter	2018	Passing of Robert Frey, Billy Paul, Fred Tully, Brian Dick. Keywords: Frey, Robert; Paul, Billy; Tully, Fred; Dick, Brian	column	37	3	35	1	
East End Archives	Dick, James C.	Mainstreeter	2018	Lease terminated at Jackson St. Roundhouse, NPRHA subletting with GNRHS, material moved, Camas Prairie RR AFEs moving to PNRA. Keywords: Northern Pacific Railway Historical Association, NPRHA, Great Northern Railway Historical Society, GNRHS, Jackson Street Roundhouse	column	37	3	35	1	
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2018	Back cover/mystery photo from vestibule of approaching passenger train meeting standing train in open country	photo	37	3	36	1	
NP 2602 on passenger train 402 standing in station at Centralia, WA	Christensen, Jack	Mainstreeter	2018	Cover painting of Seattle-Portland train 402, locomotive 2602, depot, train crew. Keywords: trains 401/402, pool train; Northern Pacific 2602, Class A 4-8-4 Northern locomotive; Centralia, WA; Christensen, Jack; artwork	image	37	4	1	1	NPRHA

President's Message	Zidel, Bill	Mainstreeter	2018	Thanks to individuals conducting Centralia convention, others. NPRHA continuing to "make the best of" Jackson St. Roundhouse situation; Board rotation, President's Awards given. Keywords: Northern Pacific Railway Historical Association, NPRHA, Jackson Street Roundhouse	column	37	4	2	2	NPRHA
Night Train! Steam Finale on Trains 401/402	Christensen, Jack; Armbruster, Kurt E.	Mainstreeter	2018	Running trains 401/402, Class A locomotives. Photos of Northern Pacific 2601 at Seattle roundhouse, Joe Gordon and fireman signing in at roundhouse, Northern Pacific 2601 at Puyallup, Pullman Chief Baptista, Northern Pacific 2626 on train 408 at Winlock, WA; Northern Pacific 2626 and 2601 at Portland, Northern Pacific 2601 on train 401, Tacoma, Northern Pacific 2602 on train 401 at Auburn, Northern Pacific 1132 switching cars at Seattle, Northern Pacific 2601 in dead line at Seattle, fireman Jack Christensen at Tacoma. Keywords: trains 401/402, train 408, pool train, passenger train; Class A 4-8-4 Northern locomotive, Class A-1 4-8-4 Northern locomotive, Northern Pacific 1132, Class L-9 0-6-0 locomotive; Northern Pacific Chief Baptista, Pullman car, passenger car, Tacoma Union Station, station; Christensen, Jack	article	37	4	4	12	NPRHA
NP Electric Train Staff Systems	Hansen, Jim	Mainstreeter	2018	Introduction, operation of staff system at Stampede, Mullan, Bozeman tunnels, elsewhere. Photos of telegraph operator handing train orders to engineer on freight train at Stampede, WA; station at Martin, WA; staff machine; station at West End,, Montana; freight train and station at Stampede, WA. Keywords: train dispatching, train order, staff system, telegraph operator, railroad employee; Cladwell, Cody B; Cavanaugh, Frank J; Martin, WA; Stampede, WA; West End,, Montana; freight train	article	37	4	15	5	NPRHA
Foothills Trail Traces Early NP Lines	Morrison, Chuck	Mainstreeter	2018	Developing recreational trail on old Northern Pacific right of way in Pierce County, WA. Photos of Northern Pacific passenger train on trestle in early 1900s at Cascade Junction, WA; trestle, town of Burnett, WA; Northern Pacific 1381 on freight near Cascade Jct. in 1956; Northern Pacific 6507A on Casey Jones Excursions special near Cascade Jct., 1967; Bill Haire, trail now; map of Cascade Junction, loop tracks. Keywords: Cascade Junction, WA; Burnett, WA; Casey Jones Excursions, Northern Pacific 6507A, F7 locomotive, passenger train, bridge, trestle; Hair, Bill; railroad employee, recreational trail, rails to trails, Pierce County, WA	article	37	4	20	6	NPRHA
Raging River Trestle Collapse	King, Max; Sprau, Dave	Mainstreeter	2018	Collapse of trestle near Fall City, WA, May 15, 1900. Photos of wrecked locomotive, trestle; Northern Pacific 47, Max King, John Marion, retrieval of locomotive from river. Keywords: Seattle Lake Shore and Eastern RR, Seattle and International RR; Fall City, WA; railroad accident, bridge, trestle, Northern Pacific 47, Class F-6 0-8-0 locomotive; King, Max; Marion, John	article	37	4	26	6	NPRHA
Editor's Desk	Armbruster, Kurt E.	Mainstreeter	2018	Invite articles on Brainerd; introducing Show and Tell feature, photo of what-if Northern Pacific high-level passenger train	column	37	4	32	1	NPRHA

NP Mystery Photo	Kuebler, Bill	Mainstreeter	2018	Solution to previous photo, query for next. Photo from vestibule of westbound North Coast Limited of oncoming eastbound North Coast Limited, Carney,, Montana. Description of area, operations. Description of early diesel operations, Northern Pacific 6015, 1947; Keywords: North Coast Limited, Northern Pacific 6015, F3 locomotive	column	37	4	33	3	NPRHA
Seattle and International RR locomotive No. 8 and wrecked trestle near Fall City, WA., 1900	Sprau, Dave	Mainstreeter	2018	Back cover photo of wrecked locomotive being pulled up incline from collapsed trestle. Keywords: Seattle and International RR, railroad accident, bridge	photo	37	4	36	1	NPRHA
Tokyo Express fast freight eastbound in Rocky Canyon near Chestnut, Montana, 1967	Northern Pacific Railway	Mainstreeter	2019	Cover photo of test train of trailers-on-flatcars. Keywords: Tokyo Express, freight train, freight car, SD45 locomotive; Chestnut,, Montana	photo	38	1	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2019	Planning for Brainerd and Missoula conventions, inviting ideas for future convention sites; "redefined work space" at Jackson St. Roundhouse, moving material to West End Archive/PNRA, praise for Phil Beach book Wheat Country Railroad. Keywords: Northern Pacific Railway Historical Association, NPRHA, Jackson Street Roundhouse, Pacific Northwest Railroad Archive, PNRA	column	38	1	2	2	NPRHA
Contested Corridor: Portland-Seattle Pool Passenger Service, 1925-1952	Hofsommer, Don L.	Mainstreeter	2019	Facing competition, economic pressures, declining patronage, responses, scheduling, connections, issues between NP, GN, UP. Photos of Northern Pacific train 407, Black River Jct, 1940s; train 408 at Chehalis, 1937; GN trains 459/562; UP trains 457/561, Train of Tomorrow dome cars at Tacoma; Northern Pacific 408 at Tacoma/McCarver St., 1952. Keywords: Northern Pacific 2602, Class A 4-8-4 Northern locomotive; train 407, Black River Junction, WA; Northern Pacific 2264, Class Q-6 4-6-2 Pacific locomotive, train 408; Chehalis, WA; Great Northern Railway, trains 459/561; GN 2500, Class P-2 4-8-2 Mountain locomotive; Union Pacific Railroad; UP 7864, 4-8-2 Mountain locomotive; passenger train, pool train, Tacoma, WA; station	article	38	1	4	10	NPRHA
Modeling Column	Helberg, John	Mainstreeter	2019	New model products	column	38	1	14	2	NPRHA
NP 3617 Update	LeJeune, Gregory	Mainstreeter	2019	Ongoing working restoration of locomotive at Lake Superior Railroad Museum, Duluth. Keywords: Northern Pacific 3617, SD45 locomotive, Lake Superior Railroad Museum; Duluth, MN	article	38	1	16	1	NPRHA
Editor's Desk	Armbruster, Kurt E.	Mainstreeter	2019	Thanks to contributors, coming features	column	38	1	16	1	NPRHA
Show and Tell	Hooper, Jim; Ferguson, Bruce	Mainstreeter	2019	HO model Vista-Dome North Coast Limited; replica Northern Pacific combination depot, Snohomish, WA	column	38	1	17	1	NPRHA
East End Archives	Leighton, Hudson	Mainstreeter	2019	AFE scanning project, Northern Pacific records at Jackson St. Roundhouse, material now at PNRA. Keywords: Northern Pacific Railroad Historical Association, NPRHA, Jackson Street Roundhouse, East End Archives, West End Archives, Pacific Northwest Railroad Archive, PNRA; Burien, WA	column	38	1	18	1	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2019	Solution of previous photo, query for next. Details and photo of new Northern Pacific 6015 at Mandan, 1947. Keywords: Northern Pacific 6015, F3 locomotive	column	38	1	18	2	NPRHA

Northern Pacific Transport and NP Piggyback Operations, 1954-1970	Yaremko, Richard	Mainstreeter	2019	History and details of Northern Pacific trailer-on-flatcar operations. Photos of early ads, flatcars, truck trailers, managers, TOFC loads on freight trains at Centralia, WA, and Montana, automobile carriers, equipment diagrams. Keywords: piggyback, trailer-on-flatcar, TOFC, freight car, flat car, truck trailer, auto-rack car, loading ramp, loader; McLean, L; Fletcher, D.E.; Westine, Paul L; Wilson, C.H.		38	1	20	26	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2019	Back cover/mystery photo of North Coast Limited stopped beside station platform in 1960s	photo	38	1	44	1	NPRHA
NP 1764 on freight train at Brainerd, MN, 1949.	Nixon, Ronald V.	Mainstreeter	2019	Cover photo of W-3 locomotive leading train through yard. Keywords: Brainerd, MN; Northern Pacific 1764, Class W-3 2-8-2 Mikado locomotive, freight train, railroad yard	photo	38	2	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2019	New Board activity column, Grants Committee considering many proposals, \$15,000 "plateau." Keywords: Northern Pacific Railway Historical Association, NPRHA, railroad club	column	38	2	2	2	NPRHA
Brainerd's Northern Pacific	Nelson, Ann M.	Mainstreeter	2019	Early history of city, railroad development, facilities. Photos of first roundhouse, depots, shops, hospital, power house, administration building, Dr. Samuel Thayer, Dr. David P. Bigger, first Mississippi River bridge. Keywords: Brainerd, MN; railroad servicing facility, roundhouse, station, Northern Pacific Railroad Hospital, bridge; Thayer, Dr. Samuel; Bigger, Dr. David P.	article	38	2	4	17	NPRHA
Tracking the NP	Ambrose, Brian	Mainstreeter	2019	Photos of mainline through Brainerd in 2017, town water tower, latter-day Mississippi bridge.	article	38	2	18	1	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2019	Solution to previous photo, query for next. Commentary on Glendive,, Montana, area; passenger train operations in 1960s, consists. Photo from station platform of North Coast Limited during station stop, August 24, 1962. Key words: North Coast Limited, passenger train, passenger car, station	column	38	2	19	2	NPRHA
Craig Reese--Compositor Extraordinaire		Mainstreeter	2019	Thanks to Reese, layout editor for ten years, Mainstreeter publisher information	article	38	2	20	1	NPRHA
My Time at Brainerd Shops	Hillard, John	Mainstreeter	2019	Employee account of repair and construction work, facilities, machinery. Photos of workers assembling cars, shops interior, stores yard. Keywords: Brainerd Shops, maintenance facility, car repair, factory, boxcar, railroad employee	article	38	2	42	3	NPRHA

NPRHA Board Work 2nd Quarter 2019	Zidel, Bill	Mainstreeter	2019	Archive Committee formed, goals, standards, procedures; Convention Committee planning meets for 2019 and 2020; considering investing in new CD for Company Store; long-term planning for presence at Jackson St. Roundhouse, complications of lease with GNRHS, Minnesota Transportation Museum plans; discussing several grant requests. Keywords: Northern Pacific Railway Historical Association, NPRHA, Great Northern Railway Historical Society, GNRHS, Minnesota Transportation Museum,, MontanaM, Jackson Street Roundhouse	column	38	2	44	1	NPRHA
Editor's Desk	Armbruster, Kurt E.	Mainstreeter	2019	Minnesota Historical Society as valuable NPRHA resource, easy to use	column	38	2	45	1	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2019	Passing of Larry Keith Anderson, Harold "Bud" Bell, Ruth Eckes, Jim Elliot, Dennis Flynn, Jospeh Gross, Charles F. Lockwood, Lewis Edward Springborn. Keywords: Anderson, Larry Keith; Bell, Harold "Bud"; Gross, Joseph; Lockwood, Charles F; Springborn, Lewis Edward	column	38	2	45	2	NPRHA
Show and Tell	Armbruster, Kurt E.	Mainstreeter	2019	Vapor Heating Corp. handbook on diesel locomotive steam generator, 1955. Photos and diagrams of steam units. Keywords: Vapor Heating Corp., steam generator	article	38	2	47	1	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2019	Back cover/mystery photo of Northern Pacific 2605 at station stop, service crew working on engine. Keywords: Northern Pacific 2605, Class A 4-8-4 Northern locomotive, railroad employee	photo	38	2	48	1	NPRHA
Board and Membership Meetings, September 8, 2019, Baxter, MN		Mainstreeter	2019	Insert with meeting minutes, discussions, financial and membership reports, etc. Keywords: Northern Pacific Railway Historical Association, NPRHA, Board of Directors, meeting minutes, finances, membership, bylaws	article	38	2			
Brainerd Shops: NP's Industrial Heart	Armbruster, Kurt E.; Schrenk, Lorenz	Mainstreeter	2019	History and development of shops facilities, freight car production and repair. Photos of Northern Pacific 65, 4-4-0, and construction train and crew near Brainerd circa 1870, construction of second Mississippi bridge, aerial views of shops in 1930s and 1950s; Northern Pacific 8 and 10, switchers; Northern Pacific 1632 Mikado locomotive newly overhauled, reclamation yard with locomotives awaiting scrapping, new boxcars in shops yard, new Pig Palace stock car with President Robert Macfarlane and Vice-president Carl Burgess, shops interior, workers, map of shops. Keywords: Brainerd, MN; Brainerd Shops, Northern Pacific 65, 4-4-0 American Standard locomotive, construction train, railroad maintenance facility, machine shop, factory, reclamation yard, scrap yard, freight car, railroad employee; Northern Pacific 8, fireless cooker locomotive; Northern Pacific 10, 0-4-0 locomotive; Northern Pacific 1632, Class W 2-8-2 Mikado locomotive; Pig Palace, stock car; Macfarlane, Robert S.; Burgess, Carl	article	38	21	9	9	NPRHA
NP 2505 on freight train near Evaro, Montana, June 7, 1964	Nixon, Ronald V.	Mainstreeter	2019	Cover photo of Northern Pacific 2505, U25C locomotive, on freight train. Keywords: Northern Pacific 2505, U25C locomotive, freight train; Evaro,, Montana	photo	38	3	1	1	NPRHA

President's Message	Zidel, Bill	Mainstreeter	2019	Ken Zieska working with Jackson Street Roundhouse and GNRHS to make best use of space, with Bob Kelly and Gary Tarbox ascertaining PNRA better place for West End material, Kirkland Historical Society, value of members. Keywords: Northern Pacific Railway Historical Association, NPRHA, Pacific Northwest Railroad Archive, PNRA, Jackson Street Roundhouse, Great Northern Railway Historical Society, GNRHS; Kirkland Historical Society; Kirkland, WA	column	38	3	2	2	NPRHA
U25C: NP Enters the Second Generation	Armbruster, Kurt E.	Mainstreeter	2019	Development of new locomotive, tests, performance. Photos of Northern Pacific 2500 at Livingston, 1965; Northern Pacific 7000, F9, near Bozeman, 1954; Oroville Dam RR no. 8010, 1963; Northern Pacific 2500 on freight at Bridge 62, 1964; Northern Pacific 2509 at Paradise, 1964; Northern Pacific 2522 and two more on freight at Cedars,, Montana, 1966' Northern Pacific 2591 and two more on Girl Scouts special near Arlee,, Montana, 1965; Northern Pacific 2524 and 7000A nose-to-nose. Keywords: Northern Pacific 2500, 2509, 2519, 2522, 2524, U25C locomotive; Northern Pacific 7000, F9 locomotive; freight train	article	38	3	4	6	NPRHA
"This Is the Way to Run a Railroad," Time Table and Train Order Operations Under the Consolidated Code of Operating Rules	Kuebler, Bill	Mainstreeter	2019	Consolidated Code of Operating Rules, timetables, clearances, train orders, dispatcher's manual, bulletins, signals, train superiority. Photos of North Coast Limited meeting westbound freight with Northern Pacific 2500, Yakima Canyon; pages from dispatcher's manual, CCOR; semaphore signals at Logan,, Montana. Keywords: Consolidated Code of Operating Rules, train dispatching, timetable, train order, North Coast Limited, passenger train, Northern Pacific 2500, U25C locomotive, freight train, semaphore, signal equipment	article	38	3	10	5	NPRHA
Third Time Was a Charm: Brainerd's 1920 Depot	Dick James C.	Mainstreeter	2019	First and second depots, hotel, Northern Pacific administration, depot policies over time; Photos of 1920 depot at grand opening, first depot in early 1900s, Crow Wing Co. Digest cartoon of depot situation, new depot nearing completion in 1920, Jule M. Hannaford, Headquarters Hotel, depot in 1960s, timetables. Keywords: Brainerd, MN; station; Hannaford, Jule M.	article	38	3	15	9	NPRHA
NP U25C Operation, 1964-1970: Crew Perspectives	Kuebler, Bill	Mainstreeter	2019	Design, characteristics, performance of new power, problems. Photos of Northern Pacific 2508 and two more, signals, De Smet,, Montana, 1965; Northern Pacific 2508 and two more in wash rack at Livingston,, Montana; Northern Pacific 2502 and two more, train crew and officials, Cle Elum, WA, 1964; Northern Pacific 2509 in snow, engineer Runyon Peterson, 1966; Northern Pacific 2522 at Laurel,, Montana, 1968. Keywords: Northern Pacific 2502, 2508, 2509, 2522, U25C locomotive; freight train, signal equipment; Peterson, Runyon; railroad employee, servicing facility, wash rack	article	38	3	24	5	NPRHA

2019, A Record Year For Preservation Grants	Shannon, Harold	Mainstreeter	2019	Five grants issued for NP-related projects to Lake Superior Railroad Museum, Pacific Railroad Preservation Assoc., Three Forks Area Historical Society, Whitman Co. Historical Society, Northern Pacific Railway Museum. Keywords: Northern Pacific Railway Historical Association, NPRHA, grants, Lake Superior Railroad Museum, Pacific Railroad Preservation Association, Three Forks Area Historical Society, Whiteman County Historical Society, Northern Pacific Railway Museum	article	38	3	29	2	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2019	Solution to previous photo, query for next. Photo of Northern Pacific 2605 and service crew at Mandan, 1934. Locomotive development, details. Keywords: Northern Pacific 2605, Class A 4-8-4 Northern Locomotive, railroad employee	column	38	3	31	2	NPRHA
Editor's Desk	Armbruster, Kurt E.	Mainstreeter	2019	Thanks to contributors, Museum of the Rockies' curator Steve Jackson, Gary Tarbox, for image use; call for modeling submissions.	column	38	3	32	1	
New Depot Museum Project, Moclips, Washington	Crawford, Kelly	Mainstreeter	2019	Current news on depot move, work. Photos of depot in 1908, model display, caboos to accompany. Keywords: Moclips, WA; station, museum	article	38	3	33	1	
NPRHA Board Work 3rd Quarter 2019	Zidel, Bill	Mainstreeter	2019	Upgrading convention guidelines, ongoing discussion of NPRHA at Jackson St. Roundhouse, Minnesota Transportation Museum plans uncertain, proposed portal for online access to Jackson St. and PNRHA, cost of \$3500, discussed; numerous grant requests considered; alternate insurance coverage considered. Keywords: Northern Pacific Railway Historical Association, NPRHA, Minnesota Transportation Museum,, MontanaM, Jackson Street Roundhouse, Pacific Northwest Railroad Archive, PNRA	column	38	3	34	1	
Tracking the NP	Ambrose, Brian	Mainstreeter	2019	Former Northern Pacific rights of way, signals between Minnesota and Washington being removed, replaced. Photos of mainline near Athol, ID, former Lake Wash. Belt Line right of way at Kennydale, WA, now trail. Keywords: track, mainline; Athol, ID; Kennydale, WA	article	38	3	35	1	
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2019	Back cover/mystery photo of passenger train approaching train in siding, semaphore, from cab of waiting train	photo	38	3	36	1	

"This Is the Way to Run a Railroad," Time Table and Train Order Operations Under the Consolidated Code of Operating Rules	Kuebler, Bill	Mainstreeter	2019	Part one in series on train dispatching, operations, rules. Photos of North Coast Limited meeting Northern Pacific 2500 on freight in Yakima Canyon, telegrapher Glenn Wyse hooping up orders to train 676 at Arlington, WA; passenger train collisions in steam days, diesel locomotive on Marent viaduct, 1961, cabooses 1285 and 1069, diagram of flag and light display on trains, rear of North Coast Limited at Seattle, 1960, Extra 206 West at Turah,, Montana, 1955; Missoula dispatchers' office, 1907; dispatcher Jim Fredrickson in Tacoma, 1954; wreck of Extra 1730 East and work train, Lockwood,, Montana, 1941. Keywords: Consolidated Code of Operating Rules, train dispatching, telegrapher; North Coast Limited, Northern Pacific 2500, U25C locomotive; Northern Pacific 5409, FT locomotive; trains 675/676, Sumas Time Freight, freight train; Wyse, Glenn; Northern Pacific 1747, Class W-3 Mikado locomotive; Northern Pacific 2230, Class Q-5 Pacific locomotive; railroad accident; Marent viaduct, bridge; Northern Pacific 7007D, F9 locomotive; Northern Pacific 1069, Northern Pacific 1285, caboose; marker light, classification light, extra flag; Northern Pacific 206, GP9 locomotive; Fredrickson, James M.		38	30	10		NPRHA
Missouri River bridge with freight train crossing	Schaaf, Joel	Mainstreeter	2019	Cover photo of bridge, Extra 6015D East crossing, circa 1960. Keywords: Northern Pacific bridge, Missouri River; Northern Pacific 6015D, F7 locomotive, freight train, scenery; Bismarck, ND	photo	38	4	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2019	Brainerd convention acknowledgments; Missoula convention planning, convention committee, NPRHA at Jackson St. Roundhouse, cooperation with GNRHS; NPRHA President's Awards given. Keywords: Northern Pacific Railway Historical Association, NPRHA, Jackson Street Roundhouse, Great Northern Railway Historical Society, GNRHS	column	38	4	2	2	NPRHA
The Northern Pacific Railway's Bismarck Bridge	Hansen, Jim	Mainstreeter	2019	History of Northern Pacific Missouri River bridges, construction, photos of replacement of original bridge, new bridge work and workers. Keywords: Bismarck, ND; Missouri River, bridge, railroad employee	article	38	4	4	9	NPRHA
"This Is the Way to Run a Railroad," Time Table and Train Order Operations Under the Consolidated Code of Operating Rules	Kuebler, Bill	Mainstreeter	2019	Part 3 in series, time tables, rules, special instructions, train numbers. Photos of North Coast Limited meeting westbound freight train with U25C 2500 in Yakima Canyon; Northern Pacific 702, Alco S2 locomotive; Extra 7004D West at Bonita,, Montana; timetables, instructions. Keywords: train dispatching, train order, time table, special instructions; Northern Pacific 2500, U25C locomotive; Extra 7004D, freight train; North Coast Limited, passenger train; Northern Pacific 702, S2 locomotive; Bonita,, Montana	article	38	4	13	6	NPRHA

NP Mystery Photo	Kuebler, Bill	Mainstreeter	2019	Solution to Mystery Photo 44, query for photo 45; description of area, operations, signals. Photo from cab of locomotive waiting in siding of Mainstreeter approaching, semaphore signal, July 1966. Keywords: train dispatching, operating rules, Mainstreeter, passenger train, signal equipment, semaphore	column	38	4	19	2	NPRHA
Ed and Ruth Eckes: Rail Tales	Armbruster, Kurt E.	Mainstreeter	2019	Reprint of interviews from book Whistle Down the Valley, 1991. Photos of Ed and Ruth Eckes, GP9 234 with hood off, Northern Pacific 6005 on freight at Kanaskat, WA, 1944; station and yard at Easton with Z-6 locomotive. Keywords: Eckes, Ed; Eckes, Ruth; Rail Tales; Northern Pacific 234, GP9 locomotive; Northern Pacific 6005, FT locomotive, freight train, Class Z-6 4-6-6-4 locomotive, station, train order signal, railroad yard, Kanaskat, WA; Easton, WA	article	38	4	21	4	NPRHA
Modeling the NP	Helberg, John	Mainstreeter	2019	New model products	column	38	4	26	4	NPRHA
Kirkland Depot Project	Aubry, David	Mainstreeter	2019	History of Kirkland, Northern Pacific in area, Lake Washington Belt Line. Photos of old and new depots, Casey Jones Excursions train with GP9 and F-unit passing old depot on June 12, 1966. Keywords: Kirkland, WA; station, Casey Jones Excursions, passenger train, GP9 locomotive	article	38	4	29	2	NPRHA
NPRHA Board Work 4th Quarter 2019	Zidel, Bill	Mainstreeter	2019	Dues increase, convention planning, NPRHA presence at Jackson St. Roundhouse, "rationalization" of collections, more material moved to PNRA, new online portal for Jackson St., PNRA, liability insurance, Modeling Committee bylaws updating. Keywords: Northern Pacific Railway Historical Association, NPRHA, East End Archives, Jackson Street Roundhouse, West End Archives, Pacific Northwest Railroad Archive, PNRA	column	38	4	31	1	NPRHA
Mystery Photo 45	Kuebler, Bill	Mainstreeter	2019	Back cover/myster photo 45 of Mainstreeter in bleak countryside	photo	38	4	32	1	NPRHA
NP 501 on passenger train	Butler, Alfred	Mainstreeter	2020	Cover photo of Baldwin diesel leading Lewiston-Spokane passenger train 314 near Sunshine, ID, 1951. Keywords: Northern Pacific 501, Baldwin DRS-4-4-1500 locomotive; trains 311/314, passenger train, Palouse and Lewiston branch; Sunshine, ID	photo	39	3	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2020	Pacific Northwest Railroad Archive zoom meetings held, watch Mainstreeter for news	column	39	3	2	1	NPRHA

Baldwin Road Switchers on the NP	Armbruster, Kurt E.	Mainstreeter	2020	Baldwin demonstrator trials, steam comparisons, operation in Northern Pacific service. Photos of Northern Pacific 525 on work train, demonstrator on train 314 at Moscow, ID; Northern Pacific 500 on local freight to Eleanor at Marshall, WA; Northern Pacific 500 on train 422, Grays Harbor passenger, at S. Tacoma; 500 at Olympia; Northern Pacific 1708, Class W-3 Mikado, on freight near Auburn; 500 at Tacoma Union Station; diagrams. Keywords: Northern Pacific 500, 501, 525, Baldwin, DRS-4-4-1500, DRS-6-4-1500 road switcher, demonstrator, freight train, trains 422/424; Northern Pacific 1708, Class W-3 2--8-2 Mikado locomotive; Moscow, ID; Marshall, South Tacoma, Olympia, Tacoma, WA	article	39	3	4	6	NPRHA
Preservation News	Armbruster, Kurt E.	Mainstreeter	2020	Display of Northern Pacific 1762, W-3 Mikado, at Port of Kalama, WA; steaming of Northern Pacific 924, Class L-7 0-6-0, at Northwest Railway Museum, Snoqualmie, WA. Photos of 1762 at Livingston shops, 1925, and being moved into new display building; Northern Pacific 924 ready to steam. Keywords: Northern Pacific 1762, Class W-3 2-8-2 Mikado locomotive; Northern Pacific 924, Class L-7 0-6-0 locomotive, Port of Kalama Transportation Interpretive Center, Northwest Railway Museum; Snoqualmie, WA; Kalama, WA	column	39	3	10	2	NPRHA
Women on the Workforce of the Northern Pacific Railway	Hansen, Jim	Mainstreeter	2020	North Coast Limited stewardess-nurses, women in other trades on NP, barriers, issues, wages, wartime exigencies. Photos of stewardess-nurse Eileen McGough, others; engine wipers at Livingston,, Montana.; Ormal Sprungman, Aura Bundy, Como shops machinists, section workers, redcap Anne Ransom. Keywords: women railroad employees, stewardess-nurse, clerk; McGough, Eileen; Sprungman, Ormal; Bundy, Aura; Ransom, Anne; Livingston,, Montana.; Tacoma, WA; railroad employee, railroad section gang, railroad shops	article	39	3	12	5	NPRHA
Modeling the NP	Helberg, John	Mainstreeter	2020	Fred Mayer's HO Northern Pacific models and layout, Mayer's descriptions and photos. Keywords: modeling, Northern Pacific Railway; Mayer, Fred	article	39	3	15	4	NPRHA
Editor's Desk	Armbruster, Kurt E.	Mainstreeter	2020	Thanks to submitters, call for material	column	39	3	19	1	NPRHA
"This Is the Way to Run a Railroad," Time Table and Train Order Operations Under the Consolidated Code of Operating Rules	Kuebler, Bill	Mainstreeter	2020	Part 6 in series, dispatch work trains, Form S-H, others. Photos of North Coast Limited meeting westbound freight train with U25C 2500 in Yakima Canyon, Work Extra 1374 at Lake Cocolalla, train order forms. Keywords: North Coast Limited, freight train, Northern Pacific 2500, U25C locomotive, work train, Northern Pacific 1374, Class S-4 4-6-0 Ten-wheeler locomotive; train order, train dispatching	article	39	3	20	7	NPRHA
NPRHA Board Work 3rd Quarter 2020	Zidel, Bill	Mainstreeter	2020	Bylaws, voting, Board rotations, Modeling Committee, coping with Covid	column	39	3	26	1	NPRHA

NPRHA 2020 Preservation Grants	Shannon, Harold	Mainstreeter	2020	NPRHA grants \$2360 to Old Brule Heritage Society, Maple, WI, for Blueberry depot; \$5000 to East Helena (MT) depot; grant process information. Keywords: Northern Pacific Railway Historical Association, NPRHA, grants, Old Brule Heritage Society; Maple, WA; Blueberry, WI; East Helena,, Montana; station	article	39	3	27	1	NPRHA
The Pullman Coal Dock	Butler, Alfred Bruce	Mainstreeter	2020	Description of facility, operations, local workers, trains. Photos of coal dock, Warren L. "Smitty" Smith, Sam Monico, Sam Melberg, George Hayes; Northern Pacific 2256 at coal dock, 1954; Northern Pacific 1742, night; GP 553, 1952; Northern Pacific 1729; Northern Pacific 1518 and 1902, Northern Pacific 553 and crew. Keywords: coal dock, railroad servicing facility; Northern Pacific 2256, Class Q-6 4-6-2 Pacific locomotive; Northern Pacific 1742, Class W-3 2-8-2 Mikado locomotive; Northern Pacific 1729, Class W-3 2-8-2 Mikado locomotive; Northern Pacific 1518, Northern Pacific 1902, Class W 2-8-2 Mikado locomotive; Northern Pacific 553, GP7 locomotive; Smith, Warren L. "Smitty"; Monico, Sam; Melberg, Sam; Hayes, George; Morris, F.M.; railroad employee	article	39	3	28	5	NPRHA
Show and Tell	Armbruster, Kurt E.	Mainstreeter	2020	Photos of Northern Pacific boxcar bodies near Lake Superior; "Chronicles of a Northern Pacific Veteran," by Daniel McLaughlin; Northern Pacific 6018C, F7B locomotive, with unusual rooftop housing. Keywords: boxcar, freight car; McLaughlin, Daniel; Northern Pacific 6018, F7B locomotive	article	39	3	33	1	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2020	Solution to Mystery Photo 47, query for photo 49. Description of train move, circumstances, rules in play. Photo of Northern Pacific 2455 pushing boxcar over highway, near Bismarck, ND, July 1949. Keywords: Northern Pacific 2455, Class T-1 2-6-2 Prairie locomotive; freight train, freight car, bridge	column	39	3	34	2	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2020	Passing of Thomas J. Dillion, Glenn Hove. Keywords: Dillon, Thomas J.; Hove, Glenn	column	39	3	35	1	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2020	Back cover/mysteryphoto of Northern Pacific 6507, F7 locomotive, leading passenger train, meeting steam locomotive; diesel passenger train at right	photo	39	3	36	1	NPRHA
NP 2263 on train 408	Turner, James A.	Mainstreeter	2020	Cover photo of Class Q-6 locomotive heading passenger train past semaphore at Georgetown, Seattle, April 1938. Keyword: Northern Pacific 2263, Class Q-6 4-6-2 Pacific locomotive, trains 407/408, passenger train, signal equipment, semaphore, Seattle	photo	39	4	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2020	St. Paul trip planned to move Schrenk material to Pacific Northwest Railroad Archive; Modeling Committee researching new products. Keywords: Northern Pacific Railway Historical Association, NPRHA, Pacific Northwest Railroad Archive, PNRA	column	39	4	2	2	NPRHA
Modeling the Northern Pacific Terminal Company	Sullivan, Todd	Mainstreeter	2020	Short feature on HO model of NPT engines 17 and 19, photos. Keywords: Northern Pacific Terminal Railroad, Portland Terminal Railroad, modeling	article	39	4	4	1	NPRHA

Verne Alexander's Colville Republic and Palouse	Alexander, Verne	Mainstreeter	2020	HO layout, photos of Northern Pacific model steam locomotives, cars, layout. Keywords: Northern Pacific Railway, modeling; Alexander, Verne	article	39	4	5	4	NPRHA
Bracketed: Northern Pacific Passenger Policy and Practice Between the Wars, 1918-1941	Hofsommer, Don L.	Mainstreeter	2020	Strategies for new equipment acquisition, operations, local service, meeting competition, coping with changing times; passenger loads and revenues, Railway Mail Service. Photos of Northern Pacific 2610 and North Coast Limited at Seattle, 1930s; Alaskan no. 4, Seattle, with Northern Pacific 2241; Northern Pacific 666 on St. Paul-Stillwater local, 1930s; Northern Pacific commissary, Seattle, 1920s; timetables, 1933; North Coast Limited, Seattle, 1930s, Northern Pacific 227 on Grays Harbor passenger train 422, Black River; gas-electric car B-8 at Gate, WA. Keywords: Northern Pacific 2610, Class A 4-8-4 Northern locomotive; NP 2241, Class Q-5 4-6-2 Pacific locomotive; Northern Pacific 666, 4-4-0 American-Standard locomotive; Northern Pacific 227, Class P-2 4-6-0 Ten-wheeler locomotive; Northern Pacific B-8, gas-electric car; North Coast Limited, Alaskan, Stillwater local, passenger train, station; Gate, WA; Black River, WA; Seattle, WA; St. Paul, MN	article	39	4	9	8	NPRHA
Modeling the NP	Helberg, John	Mainstreeter	2020	New model products, photos of HO F7, boxcar, reefer. Keywords: Northern Pacific Railway, modeling	column	39	4	17	8	NPRHA
NP's "Pocket Yard" in Northeast Minneapolis	Zieska, Kenneth	Mainstreeter	2020	Short look at small freight yard, three photos, map. Keywords: railroad yard; Minneapolis, MN	article	39	4	25	3	NPRHA
NPRHA Board Work 4th Quarter 2020	Zidel, Bill	Mainstreeter	2020	Four Board members request additional terms, ballot enclosed, NPRHA insurance renewed, Board votes to support Foss Waterway Rails to Sails Museum, Tacoma; updating Modeling Committee bylaws. Keywords: Northern Pacific Railway Historical Association, NPRHA	column	39	4	27	1	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2020	Notes passing of Lino Condotta, William Leonard. Keywords: Condotta, Lino; Leonard, William	column	39	4	28	1	NPRHA
Editor's Desk	Armbruster, Kurt E.	Mainstreeter	2020	Thanks to contributors, modelers; coming features; correction to Fall issue: boxcars loaded in bulk, not sacks	column	39	4	28	1	NPRHA
Show and Tell	McKown, Bill; Bischoff, Larry	Mainstreeter	2020	Photo of 1920s Model T Northern Pacific panel truck; ex-NP F9B now BNSF rotary plow power unit	article	39	4	29	1	NPRHA
Preservation News	Armbruster, Kurt E.	Mainstreeter	2020	Lacey, WA, Depot Museum in replica of 1890s Northern Pacific depot; Bill Zidel and Kent Sullivan move large collection including Frey and Schrenk material from St. Paul to Pacific Northwest Railroad Archive. Keywords: Pacific Northwest Railroad Archive, PNRA, station, Lacey, WA	column	39	4	30	1	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2020	Solution to photo 48, query for photo 49. Photo of Northern Pacific 6507 on North Coast Limited, Northern Pacific 2245, Mainstreeter, at Logan,, Montana, 1953. Keywords: Northern Pacific 6507, F7 locomotive; Northern Pacific 2245, Class Q-5 4-6-2 Pacific locomotive, North Coast Limited, Mainstreeter, passenger train, railroad yard; Logan,, Montana	column	39	4	31	3	NPRHA

"This Is the Way to Run a Railroad," Time Table and Train Order Operations Under the Consolidated Code of Operating Rules	Kuebler, Bill	Mainstreeter	2020	Part 7 of series on Northern Pacific train dispatching, train dispatcher's order book, rule 205, "X: response, wire failure, rules 205, 206, 209, 212, 214; incidents. Photos of North Coast Limited meeting freight in Yakima Canyon, Northern Pacific 2500 U25C, train order book, record of clearances, North Coast Limited at Missoula with Northern Pacific 2212 and 2235, open-platform observation car, 1940; freight train with five GP9s at Missoula, 1956; Northern Pacific 5011 wrecked at Sunny, ND, 1947; engineer Fred "Fritz" Lewis; Northern Pacific 6012 F3 at Jamestown, ND, 1954; Northern Pacific 6011 on freight train passing station at Jamestown. Keywords: Northern Pacific 2500, U25C locomotive; Northern Pacific 6701, F9 locomotive; North Coast Limited, freight train, passenger train; train orders, clearances; Northern Pacific 2212, Class Q-4 4-6-2 Pacific locomotive; observation car, passenger car; Northern Pacific 566, GP9 locomotive, railroad yard; Northern Pacific 5011, Class Z-5 2-8-8-4 Yellowstone locomotive; Northern Pacific 6011, 6012, F7 locomotive; Lewis, Fred J. "Fritz"; Jamestown, ND, station, signal equipment		39	4	33	7	NPRHA
NP 2460 on freight train passing semaphore gantry	Kuebler, Bill	Mainstreeter	2020	Back cover photo of Class T-1 2-6-2 Prairie locomotive heading freight train under semaphore gantry	photo	39	4	40	1	NPRHA
Mainstreeter at Fargo with NP 6702C	Herson, Matthew	Mainstreeter	2021	Cover photo of westbound Mainstreeter led by Northern Pacific 6702C at Fargo, summer 1965. Keywords: Northern Pacific 6702C, F9 locomotive, Mainstreeter; Fargo, ND	photo	40	1	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2021	PNRA continuing Zoom meets, other volunteer activity; Modeling Committee active; Vista-Dome Package a worthy investment; Dale Sanders' book, <i>Timber Titans</i> , due out soon; thanks to Larry Schrenk for donating collection to PNRA. Keywords: Northern Pacific Railway Historical Association, NPRHA, Pacific Northwest Railroad Archive, PNRA	column	40	1	2	2	NPRHA

Whistles and Horns of the Northern Pacific	Armbruster, Kurt	Mainstreeter	2021	Detailed description of whistles and horns used by Northern Pacific in steam and diesel eras, design, maintenance, variations. Photos of Northern Pacific 696, 4-4-0, with plain whistle; Northern Pacific 440 and 225, 4-6-0, with Crosby three-chime; Northern Pacific 310, 4-6-2, with Nathan 6-chime; Northern Pacific 2650 and 1911 with Hancock three-chime; motor car B-17 with Westinghouse AA-1 horn; FT 6000 with Leslie A-200 horns; GP7 225 with Nathan M-horn; F7 6513 with Hancock Air Whistle; F9 6701C with Leslie S-3L, F9s 6706 and 7014 with Nathan P-24R1; photos and diagrams of Nathan and Northern Pacific shops five and six-chime whistles, spec sheet for Nathan "P" series horn. Keywords: steam whistle, air horn, Crosby, Nathan, Nathan Airchime, Leslie, Hancock, Hancock Air Whistle, Westinghouse Air Brake Co., Pneuphonic air horn, Northern Pacific 696, 4-4-0 American-Standard locomotive; Northern Pacific 440/378, Class E-2 4-6-0 Ten-wheeler locomotive; Northern Pacific 225, Class P-1 Ten-wheeler locomotive; Northern Pacific 310, Class Q-1 4-6-2 Pacific locomotive; Northern Pacific 2650, Class A-2 4-8-4 Northern locomotive; Northern Pacific 1911, Class W-2 2-8-2 Mikado locomotive; Northern Pacific B-17, gas-electric car	article	40	1	4	8	NPRHA
The Photography of Matthew Herson	Herson, Matthew	Mainstreeter	2021	Photos of Northern Pacific freight and passenger trains by noted photographer; Northern Pacific 300 GP9, on freight, West End,, Montana; Northern Pacific 2525 U25C at Livingston shops; Mainstreeter train 1, Lombard,, Montana; westbound freight, six units, Lombard; North Coast Limited No. 25 beside GN Empire Builder, St. Paul, night; Mainstreeter No. 2, engine 6706C, Bonner,, Montana; SD45 3601 leading westbound freight, Cyr,, Montana; FT 5400 on train 675, Kent, WA; GP 348 on freight, Auburn, WA. Keywords: Herson, Matthew; Northern Pacific photography; Northern Pacific 300, GP9 locomotive; Northern Pacific 2525, U25C locomotive; Northern Pacific 6701C, F9 locomotive, Northern Pacific 3601, SD45 locomotive; Mainstreeter; North Coast Limited; Great Northern Railway, Empire Builder, passenger train, trains 675/676, freight train, Lombard, Bonner, Cyr, Livingston, West End, Kent, Auburn	article	40	1	12	5	NPRHA

Northern Pacific's Historic South Tacoma Shops	Hansen, Jim	Mainstreeter	2021	Building and operation of shops facility; photos of shop workers, car repair, aerial view of shops, map, locomotives being overhauled, machine equipment, Corliss steam engine, machinist William Loew, reclamation yard, scrapping steam engines, shop engines 6, 9, 12, Mikado locomotives 1500, 1529; Consolidation locomotive 80 being scrapped; shop workers' band. Keywords: South Tacoma shops, machine shop, back shop, repair facility, scrap yard, railroad employee, shop locomotive, Northern Pacific 1500, Northern Pacific 1529, Class W 2-8-2 Mikado locomotive; Class F-1 2-8-0 Consolidation locomotive; Northern Pacific 12, shop engine; Northern Pacific 9, Class L-6 0-6-0 locomotive; Northern Pacific 6 diesel shop engine; Loew, William; musical group	article	40	1	12	5	NPRHA
"This Is the Way to Run a Railroad," Time Table and Train Order Operations Under the Consolidated Code of Operating Rules	Kuebler, Bill	Mainstreeter	2021	Part 8 in series on Northern Pacific train dispatching operations; orders and clearances, Rule 83, reading train orders Order 41, Rule 99; photos of North Coast Limited meeting westbound freight in Yakima Canyon, Northern Pacific 6701A, Northern Pacific 2500, U25C; train order flimsies, St. Paul-Winnipeg passenger train at Manitoba Junction with GP9 531, Northern Pacific 5106 wrecked at Helena, station at Buffalo, ND. Keywords: North Coast Limited, passenger train; Northern Pacific 2500, U25C locomotive; freight train; train order, train dispatcher; Northern Pacific 5106, Class Z-6 4-6-6-4 locomotive; Northern Pacific 531, GP9 locomotive; trains 13/14; Manitoba Junction, MN; Buffalo, ND		40	1	25	6	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2021	Solution to photo 49, query for 50; layout, operations in Valley City area. Photos of Northern Pacific 2460, Class T-1 2-6-2 Prairie locomotive, on freight train, passing semaphore signal at Valley City. Keywords: Valley City, ND; Northern Pacific 2460, Class T-1 2-6-2 Prairie locomotive, freight train, signal equipment, semaphore	article	40	1	32	2	NPRHA
NPRHA Board Work, 1st Quarter 2021	Zidel, Bill	Mainstreeter	2021	Returning Board members, to meet before Missoula convention, convention plans on schedule, new Vista-Dome Package approved for release	column	40	1	32	1	NPRHA
The Vista-Dome Package 2020	O'Neil, Dean	Mainstreeter	2021	Introduction and description of new resource offering, advantages to purchaser and NPRHA, soliciting new members, broadening message and appeal, providing new information source; VDP contents. Keywords: Northern Pacific Railway Historical Association, NPRHA, Vista-Dome Package	article	40	1	33	2	NPRHA

Preservation News	Armbruster, Kurt E.; Breeding, Andy	Mainstreeter	2021	First run of Northern Pacific 924 at Northwest Railway Museum, Snoqualmie, WA; progress on Northern Pacific 1364 at Northern Pacific Railway Museum, Toppenish, WA; photo of Northern Pacific 924 on train, Northern Pacific 1364 in process. Keywords: Northern Pacific 924 0-6-0 locomotive; Northern Pacific 1364, Class S-4 4-6-0 Ten-wheeler locomotive; Northwest Railway Museum, Northern Pacific Railway Museum; Snoqualmie, Toppenish, WA	column	40	1	34	2	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2021	Back cover/mystery photos of Northern Pacific 5407 FT locomotive, and Class Z-3 2-8-8-2 locomotive on westbound freight, Lake Easton, WA. Keywords: Northern Pacific 5407, FT locomotive; Class Z-3 2-8-8-2 locomotive; freight train; Easton, WA; scenery	photo	40	1			NPRHA
GP9s 313-307 and train 314, Pullman, WA	Butler, Bruce	Mainstreeter	2021	Cover photo of Northern Pacific 307 and 313 leading passenger train into station, freight conductor Art Kentoph observing, June 1965. Keywords: Northern Pacific 307, Northern Pacific 313, GP9 locomotive, trains 311/314, passenger train, Palouse and Lewiston branch; railroad employee, conductor; Kentoph, Art; Pullman, WA	photo	40	2	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2021	Missoula convention, Pacific Northwest Railroad Archive, modeling committee, Vista-Dome Package, grants. Keywords: Northern Pacific Railway Historical Association, NPRHA, Pacific Northwest Railroad Archive, PNRA	column	40	2	2	2	NPRHA
A Sign of the Times, Missoula Depot and its Neon Monad	Taylor, Janyce; Lennox, Linda	Mainstreeter	2021	History of depot and sign; photos of depot, downtown Missoula, electric sign, singer Rex Allen in parade; engineering diagram of sign. Keywords: station, sign, Monad; Allen, Rex; Missoula,, Montana	article	40	2	4	5	NPRHA
Bud Cain: A Northern Pacific Career	Beach, Philip	Mainstreeter	2021	Career of engineer on Palouse and Lewiston branch and other lines; photos of Class Z 4-6-6-4 engines at Toston,, Montana; Bud Cain, H.H. Ramer, R.R. Rauschke, Northern Pacific 6504C at Spokane; Frank Schlavin and Northern Pacific 1750; Northern Pacific 1387 on freight near Missoula; Warren McGee as brakeman on freight train meeting Northern Pacific 5105 at Springdale,, Montana; Northern Pacific 1794 and 1742 on train 662 near Palouse, WA; Northern Pacific 6018 on train 662, Pullman, WA; FTs and GP9s on freight in snow, Pullman. Keywords: railroad employee, 4-6-6-4 locomotive, freight train, Palouse & Lewiston branch, FT locomotive; Toston,, Montana; Springdale,, Montana; Pullman, WA; Spokane, WA	article	40	2	9	8	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2021	Mystery Photo 50 solution, photo 51 query. Photo of Northern Pacific 5407 and 1782 on westbound freight train, Lake Easton, WA, 1954. Description of locomotives, operations, signalling and dispatching in area. Keywords: Northern Pacific 5407, FT locomotive, Northern Pacific 1782, Class W-3 2-8-2 Mikado locomotive, freight train; Stampede Pass, WA; Lake Easton, WA; train dispatching, scenery	column	40	2	17	2	NPRHA
Editor's Desk	Armbruster, Kurt E.	Mainstreeter	2021	Acknowledging contributors and archives, coming articles	column	40	2	18	1	NPRHA
Modeling the NP	Helberg, John	Mainstreeter	2021	New model products, photos of four HO scale freight cars	column	40	2	19	7	NPRHA

HO Freight Equipment	Gjermondson, Aaron	Mainstreeter	2021	HO model and photos of Z-5 2-8-8-4 locomotive, three freight cars, bay window caboose. Keywords: modeling, Northern Pacific Railway, steam locomotive, freight car	article	40	2	26	1	NPRHA
NPRHA Board Work 2nd Quarter 2021	Zidel, Bill	Mainstreeter	2021	Reports on Missoula convention, Vista-Dome Package, grants committee, Pacific Northwest Railroad Archive. Keywords: Northern Pacific Railway Historical Association, NPRHA, convention, Vista-Dome Package; Missoula,, Montana	column	40	2	27	1	NPRHA
Show and Tell	Leighton, Hudson	Mainstreeter	2021	NP shops drawing of Nathan-pattern five-chime steam whistle. Keyword: steam whistle, Nathan	article	40	2	28	2	NPRHA
Show and Tell	Armbruster, Kurt E.	Mainstreeter	2021	The Shop Men Are a Breed of Their Own, reprint of article by Max King, photos of six Tacoma Shops employees. Keywords: railroad shops, railroad employee; South Tacoma, WA	article	40	2	28		NPRHA
The Yellowstone Comet	Waite, Thornton	Mainstreeter	2021	Operations of seasonal train, photos of Northern Pacific publicity painting, Northern Pacific 2107 leading North Coast Ltd. at Seattle in 1920s; Northern Pacific 2655 on North Coast Ltd. near Livingston,, Montana, 1938; Northern Pacific 2655 on North Coast west of Jamestown, ND; Northern Pacific 1529 on train 217 near Gardiner,, Montana; train 217 in Gardiner station, 1941; montage of on-board publicity photos, 1930s; timetable. Keywords: Northern Pacific 2107, Class Q-1 4-6-2 Pacific locomotive, Northern Pacific 2655, Class A-2 4-8-4 Northern locomotive, Northern Pacific 1529, Class W 2-8-2 Mikado locomotive, Yellowstone Park, North Coast Ltd., Yellowstone Comet, passenger train, open-air observation car, passenger car, Pullman Company; Jamestown, ND; Gardiner, Brisbin,, Montana; Yellowstone National Park	article	40	2	39	7	NPRHA
"This Is the Way to Run a Railroad..." Time Table and Train Order Operations Under the Consolidated Code of Operating Rules	Kuebler, Bill	Mainstreeter	2021	Part 9 of 13-part series on Northern Pacific train dispatching and operations, Form G running order, Order No. 45, Order No. 47, going the wrong way on double track, Form D-R, Form D-S. Photos of North Coast Limited meeting westbound freight in Yakima Canyon, Northern Pacific 6701A, Northern Pacific 2500 U25C, Northern Pacific 5145 4-6-6-4 meeting Alaskan train 3, Belknap,, Montana; freight train rear and front, with rear train crew at Weed,, Montana; Mapleton ND depot; westbound Mainstreeter passing Casselton MN depot; westbound North Coast Ltd. west of Livingston, 1956; train orders. Keywords: North Coast Limited, Northern Pacific 2500, U25C locomotive, Northern Pacific 5145, Class Z-8 4-6-6-4 locomotive, freight train, railroad employee, train order, Alaskan, trains 3/4, passenger train, station	article	40	3	37	7	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2021	Back cover/mystery photo 51, westbound Mainstreeter passing between semaphores, mid-train view forward, near Mandan	photo	40	3	44	1	NPRHA

Helper Train, Maltby Hill	Christensen, Jack	Mainstreeter	2021	Cover photo of painting of Northern Pacific 1780 and 1803 on freight train near Snohomish, trestle. Keywords: artwork, Northern Pacific 1780, 1803, Class W-3 2-8-2 Mikado locomotive, freight train, bridge; Snohomish, WA; Christensen, Jack	artwork	40	3	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2021	Report on Missoula convention, Pacific Northwest Railroad Archive, grants and modeling committees,Vista-Dome Package. Keywords: Northern Pacific Railway Historical Association, NPRHA, Pacific Northwest Railroad Archive, PNRA	column	40	3	2	2	NPRHA
Jack Christensen, Engineer-Artist	Christensen, Jack	Mainstreeter	2021	Artistic career of Northern Pacific engineer, photos of paintings of steam and diesel locomotives, trains; photo of Christensen and Maxwell King. Keywords: Christensen, Jack; King, Maxwell; railroad employee, engineer, artwork	article	40	3	4	5	NPRHA
Modeling the Northern Pacific Terminal Company	Sullivan, Todd	Mainstreeter	2021	HO modeling, details; photos of NPTC 0-6-0s 19 and 20, corresponding models, map. Keywords: Northern Pacific Terminal Railroad, Portland Terminal Railroad, 0-6-0 steam locomotive	article	40	3	9	6	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2021	Mystery Photo 51 solution, photo of westbound Mainstreeter near Mandan; query for photo 52. Description of train, consist, operations. Keywords: Mainstreeter, passenger train, passenger car; Mandan, ND	column	40	3	15	2	NPRHA
Editor's Desk	Armbruster, Kurt E.	Mainstreeter	2021	Call for modeling submissions, coming articles	column	40	3	16	1	NPRHA
The Northern Pacific Railway's Lake Superior Ore Dock	Hansen, Jim	Mainstreeter	2021	Minnesota iron ore lines, building and operation of ore dock, photos of dock, ore boat, Northern Pacific 1758 switching ore cars. Keywords: ore mining, ore dock; freight train, freight car; Northern Pacific 1758, Class W-3 2-8-2 Mikado locomotive; Duluth, MN; Superior, WI	article	40	3	17	5	NPRHA
Preservation News	Armbruster, Kurt E.	Mainstreeter	2021	Staples depot museum, history of station, photos of depot in 1920s, present-day interior. Keywords: station; Staples, MN	article	40	3	22	1	NPRHA
NPRHA Board Work 3rd Quarter 2021	Zidel, Bill	Mainstreeter	2021	Missoula convention, Vista-Dome Package, grants committee, Pacific Northwest Railroad Archive, Mainstreeter content. Keywords: Northern Pacific Railway Historical Association, NPRHA, Pacific Northwest Railroad Archive	column	40	3	23	1	NPRHA
Northern Pacific 684	Peterka, Father Dale	Mainstreeter	2021	Building, operation, and preservation of Northern Pacific 684 in 1910, 1946, 1953, 2021. Keywords: Northern Pacific 684, 4-4-0 American Standard locomotive; Nez Perce, ID; Bonanzaville, MN	article	40	3	24	1	NPRHA

"This Is the Way to Run a Railroad..." Time Table and Train Order Operations Under the Consolidated Code of Operating Rules	Kuebler, Bill	Mainstreeter	2021	Part 10 of 13-part series on Northern Pacific train dispatching and operations, rules, forms. Photos of North Coast Limited and freight train meeting in Yakima Canyon, Northern Pacific 6701A F9, Northern Pacific 2500, U25C; semaphore signals and junction at Berea, ND, freight train in siding at Peak, ND; Northern Pacific 2684 on short passenger train at Dilworth, ND; head-on collision of two passenger trains at Rapid,, Montana; timetables, train order. Keywords: railway signal, semaphore, freight train, Class A-5 locomotive, Northern Pacific 6701A, F9 locomotive, Northern Pacific 2500, U25C locomotive, Northern Pacific 2681, Class A-5 4-8-4 Northern locomotive, timetable, train order, train dispatcher, railroad accident; Yakima Canyon, WA; Berea, Peak, Dilworth, ND; Rapid,, Montana	article	40	3	25	7	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2021	Back cover/mystery photo of Northern Pacific 2664 on westbound North Coast Limited in yard at Staples. Keywords: Northern Pacific 2664, Class A-3 4-8-4 Northern locomotive, North Coast Limited, railroad yard, coal dock, semaphore; Staples, MN	photo	40	3	32	1	NPRHA
NP 2607 and North Coast Limited, De Smet, Montana, 1939	Nixon, Ronald	Mainstreeter	2021	Cover photo of Northern Pacific 2607 on North Coast Limited westbound near De Smet,, Montana, helper locomotive 1539 on rear, November 1939. Keywords: Nixon, Ronald V.; Northern Pacific 2607, Class A 4-8-4 Northern locomotive, North Coast Limited, passenger train, Northern Pacific 1539, Class W 2-8-2 Mikado locomotive, helper engine; De Smet,, Montana	photo	40	4	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2021	Report on Missoula convention, acknowledgements, Board members, modeling committee, Pacific Northwest Railroad Archive. Keywords: Northern Pacific Railway Historical Association, NPRHA, convention; Missoula,, Montana; Pacific Northwest Railroad Archive, PNRA	column	40	4	2	3	NPRHA

2600, Landmark Locomotive	Armbruster, Kurt	Mainstreeter	2021	Design, building, operation, and details of Class A Northern. Photos of Northern Pacific 2600 on North Coast Limited, Spokane, 1941; diagram of early concept engine; Northern Pacific 2600 at Portland, OR, 1942; Northern Pacific 2601 at Seattle, 1950s; details of Northern Pacific 2601, Seattle; Northern Pacific 2602 at Seattle on train 408, 1940s; Northern Pacific 2603 on train 408, Tacoma; Northern Pacific 2604 at Tacoma, 1943; Northern Pacific 2605 on The Alaskan at Black River Junction, 1940s; Northern Pacific 2602 at Northtown, 1930s; Northern Pacific 2607 at ALCO plant, 1926; Northern Pacific 2608 at Butte, 1930; Northern Pacific 2609 at South Tacoma, 1953; Northern Pacific 2610 on display at Butte, 1927; Northern Pacific 2610 at Bozeman, 1927; Northern Pacific 2611 at Missoula roundhouse, 1938. Northern Pacific 2608 on troop train at Tacoma, 1950; Northern Pacific 2601 on train 408, Nisqually, 1954; Northern Pacific 2601 and 2626 on Holiday extra, Lester, 1955; Northern Pacific 2601 on dead line at Seattle, 1957; heater car H-1 at Seattle, 1955; diagrams, early advertisements featuring 2600s. Keywords: Northern Pacific 2600-2611, Class A Northern locomotive; train 408, troop train, passenger train, roundhouse, Butte, Bozeman, Missoula,, Montana; Portland, OR; Northtown, MN; South Tacoma, Black River Junction, Seattle, Nisqually, Spokane, WA; American	article	40	4	4	15	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2021	Mystery Photo 52 solution, photo of Northern Pacific 2664 Class A-3 4-8-4 at head of westbound North Coast Ltd. at Staples, MN, 1940; Mystery Photo 53 query	column	40	4	19	2	NPRHA
NPRHA Convention 2021, Missoula	Fujii, John	Mainstreeter	2021	Photos of convention, brief descriptions of activities. Keyword: Northern Pacific Railway Historical Association, NPRHA, convention	article	40	4	21	2	NPRHA
Modeling the Class A	Armbruster, Kurt; Helberg, John; Fuller, Steve; Maynard, Hal	Mainstreeter	2021	Photos and short reports on HO Class A Northern models	article	40	4	23	1	NPRHA
"This Is the Way to Run a Railroad..." Time Table and Train Order Operations Under the Consolidated Code of Operating Rules	Kuebler, Bill	Mainstreeter	2021	Part 11 in 13-part series on Northern Pacific train dispatching and operations, rules, forms. Photos of North Coast Limited meeting westbound freight in Yakima Canyon, Northern Pacific 6701A, Northern Pacific 2500 U25C, westbound Mainstreeter at Peak, ND, freight train and brakeman at Peak; head-on of meet with train 4 at siding. Keywords: Northern Pacific 6701A, F9 locomotive, Northern Pacific 2500, U25C locomotive, North Coast Limited, Mainstreeter, train 4, passenger train; Peak, ND; Yakima Canyon, WA	article	40	4	24	5	NPRHA
Modeling the NP	Helberg, John	Mainstreeter	2021	Latest Northern Pacific model products, photos of GP18, two freight cars	column	40	4	29	4	
Proto 48 Quarter-Inch Scale Boxcar	Deimling, Gene	Mainstreeter	2021	Description and three photos of model 9400 series boxcars. Keywords: modeling, Northern Pacific 94000 series boxcar, freight car	article	40	4	33	1	

NPRHA Board Work 4th Quarter 2021	Zidel, Bill	Mainstreeter	2021	Board activities, reports on convention, grants committee, finances, Vista-Dome Package, raffle, Mainstreeter content, Board elections, recent large donation, work with Pacific Northwest Railroad Archive. Keywords: Northern Pacific Railway Historical Association, NPRHA, convention, Vista-Dome Package, Pacific Northwest Railroad Archive, PNRA	column	40	4	34		
Editor's Desk	Armbruster, Kurt	Mainstreeter	2021	Coming articles, inviting Northern Pacific vet submissions, Brainerd convention	column	40	4	34		
Correction	Meyer, Mark	Mainstreeter	2021	Additional information on Amtrak service at Staples, MN	article	40	4	34		
NP Mystery Photo 53	Kuebler, Bill	Mainstreeter	2021	Back cover/mystery photo 53 of Northern Pacific 6505A leading Mainstreeter westbound on trestle at Mandan. Keywords: Mainstreeter, passenger train, bridge; Mandan, ND	photo	40	4	36		
NP 3617 on Stampede Pass (HO model and layout)	Nichols, Jeff	Mainstreeter	2022	Cover photo of SD45 locomotive and mates emerging from tunnel on model layout. Keywords: Nichols, Jeff; modeling, Northern Pacific 3617, SD45 locomotive, freight train; Stampede Pass, WA	photo	41	1	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2022	Quarterly report, Pacific Northwest Railroad Archive, Doug and Don Larson, Board elections. Keywords: Northern Pacific Railway Historical Association, NPRHA, Pacific Northwest Railroad Archive, PNRA	column	41	1	2	1	NPRHA
Between Panics: NP's Strategic Imperatives, 1873-1893	Hofsommer, Don	Mainstreeter	2022	Northern Pacific activities 1873-1893; photos of Northern Pacific 667 and crew at Missoula, 1889; Henry Villard, excursionists on last spike special, Pullman car, 1880s Northern Pacific ad, Robert Harris, Thomas Oakes, Class M Decapod engine and workers on Stampede Pass switchback in 1887. Keywords: Northern Pacific 667, 4-4-0 American Standard locomotive, railroad employee, engineer, fireman, people, passenger car; Villard, Henry; Harris, Robert; Oakes, Thomas; last spike, Stampede Pass, WA	article	41	1	4	8	NPRHA
North Dakota's Mandan North Line	Hansen, Jim	Mainstreeter	2022	Building and coal operations on branchline; photos of track gang in 1914, Northern Pacific 591 and construction train, gas-electric car B-15 at Mandan, tie gang near Dunn Center, Dakota Star coal mine head, map, timetable. Keywords: Northern Pacific 591, Class D 2-6-0 Mogul locomotive, section crew, track, railroad employee, Northern Pacific B-15, gas-electric car, coal mine; Mandan, Dunn Center, ND	article	41	1	12	6	NPRHA
NP Initiates First Unit Coal Train West of Mississippi	NP Rwy	Mainstreeter	2022	Reprint of Northern Pacific Tell Tale article, October 1966, photos of United Power plant, Northern Pacific coal cars on unloader, assembled officials. Keywords: coal mine, coal train, unit train, railroad employee, freight car	article	41	1	16	2	NPRHA
My Northern Pacific in HO	Nichols, Jeff	Mainstreeter	2022	HO layout, description and photos of Northern Pacific diesels, trains, layout structures and landscaping, NP6502C on Morning Star freight train near Tacoma in 1968, Tacoma car-wash track in 1950s. Keywords: Nichols, Jeff; modeling, Northern Pacific 6502C, F7 locomotive, Morning Star, wash track, maintenance facility	article	41	1	18	5	NPRHA

"This Is the Way to Run a Railroad..." Time Table and Train Order Operations Under the Consolidated Code of Operating Rules	Kuebler, Bill	Mainstreeter	2022	Part 12 in 13-part series on Northern Pacific train dispatching and operations: train orders in abnormal situations, North Coast Limited stranded, engine 2655 overturns. Photos of North Coast Limited meeting westbound freight in Yakima Canyon, 1964; Northern Pacific 1905 on wreck train, freight train wrecks at Lockwood, ND; Flynn,, Montana; Steele, ND; Ingleside,, Montana; wreck train with Northern Pacific 1730, Northern Pacific 2603 stalled in Montana, Northern Pacific 2655 on freight train and wrecked at Ingleside Spur, Montana, 1935. Keywords: Northern Pacific 6701A, F9 locomotive, North Coast Limited, Northern Pacific 2500, U25C locomotive, Northern Pacific 2655, Class A-2 4-8-4 Northern locomotive, freight train, railroad accident, wreck train, Class W Mikado, Class A Northern, railroad employee	article	41	1	23	7	NPRHA
Show and Tell: Minetta's Sportsman Diner, Where Is It Now?	Ostlund, Gary	Mainstreeter	2022	Update on ex-NP diner formerly at Easton, WA. Keywords: railroad car, dining car, Minetta's Sportsman Diner; Easton, WA	article	41	1	30	1	NPRHA
Pulling the Pin	Armbruster, Kurt	Mainstreeter	2022	Longtime NPRHA member Bruce Butler's retirement from Washington Eastern RR	article	41	1	30	1	NPRHA
NP Mystery Photo 53	Kuebler, Bill	Mainstreeter	2022	Mystery Photo 53 solution, query for photo 54, photo of Northern Pacific 6505 on trestle with westbound Mainstreeter, Mandan; description of train, equipment, operations, terrain. Keywords: Northern Pacific 6505A, F7 locomotive, Mainstreeter, passenger train, bridge; Mandan, ND	column	41	1	31	2	NPRHA
Correction	Armbruster, Kurt	Mainstreeter	2022	Additional information on Northern Pacific 1776 whistle, 1957, photo of unusual whistle on engine's last run. Keywords: steam whistle, Northern Pacific 1776, Class W-3 2-8-2 Mikado locomotive	article	41	1	32		NPRHA
Trident Depot: A Restoration Story	Finegan, Patrick	Mainstreeter	2022	History, move, restoration of station. Photos of station being moved and at new location with saddletank locomotive. Keywords: Trident,, Montana; station, Three Forks Area Historical Society	article	41	1	33	2	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2022	Notices of passing, Florence Nixon, William Carlson, Earl J. Currie. Keywords: Nixon, Florence; Carlson, William; Currie, Earl J.	column	41	1	34	2	NPRHA
Mystery Photo 54	Kuebler, Bill	Mainstreeter	2022	Back cover/mystery photo 53 of eastbound Mainstreeter with Northern Pacific 6501 passing freight train, semaphore bridge, De Smet,, Montana, ca. 1960. Keywords: Northern Pacific 6501C, F7 locomotive, Mainstreeter, freight train, semaphore, signal equipment; De Smet,, Montana	column	41	1	35	1	NPRHA
NP 41 and crew at Brainerd, MN, 1898	Unknown	Mainstreeter	2022	Cover photo of Northern Pacific 41 and crew near old station at Brainerd in 1898. Keywords: Northern Pacific 41, 2-8-0 Consolidation locomotive, railroad employee, engineer, fireman, station; Brainerd, MN	Photo	41	2	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2022	Brainerd convention planning, raffle, Board elections, Jan and Bill Taylor. Keywords: Northern Pacific Railway Historical Association, NPRHA	column	41	2	2	2	NPRHA

Brainerd, Northern Pacific Town	Armbruster, Kurt E.	Mainstreeter	2022	History of Northern Pacific in area, operations. Photos of shops employees, roundhouse, Northern Pacific 1183, shops aerial, Mississippi River bridge, Northern Pacific 1657 and passenger station, Northern Pacific B-13, Budd car B-41, at Staples, MN; GP18 and RS3 on freight, map, timetables. Keywords: Brainerd, MN; Brainerd shops, railroad employee, roundhouse, railroad yard, Northern Pacific B-13, gas-electric car, Northern Pacific B-41, rail diesel car, Northern Pacific 1183, 0-8-0 locomotive, Northern Pacific 1657, Class W 2-8-2 Mikado locomotive, Northern Pacific 371, GP18 locomotive, ALCO RS3 locomotive, freight train	article	41	2	4	7	NPRHA
Show and Tell	Taylor, Janyce	Mainstreeter	2022	Short look at Northern Pacific 1201 photos, engine inspection card. Keywords: Northern Pacific 1201, Class Y 2-8-0 Consolidation locomotive, engineer, fireman, railroad employee; Pasco, WA; Missoula,, Montana	article	41	2	11	1	NPRHA
Preservation News	Shearer, Doug	Mainstreeter	2022	Report on work at Northern Pacific Railway Museum, Toppenish, WA, Northern Pacific 460, dining car, Northern Pacific 1238, caboose. Photos of dining car in service and present. Keywords: Northern Pacific Railway Museum, Yakima Valley Rail and Steam Museum, Northern Pacific 1364, Class S-4 4-6-0 Ten-wheeler locomotive, Northern Pacific 460, dining car, Toppenish, WA	article	41	2	12	1	NPRHA
NPRHA Preservation Grants for 2022	Shannon, Harold	Mainstreeter	2022	Report on grants given. Keywords: Northern Pacific Railway Historical Association, NPRHA, grants	article	41	2	12	1	NPRHA
George Lamphier--Track and Roadway Dept.	Beach, Philip	Mainstreeter	2022	Interview with maintenance of way employee. Photos of 4-6-6-4 on freight train passing Ritzville, WA, depot; Northern Pacific 1527 on bridge at Headquarters, ID; track and station at Sprague, WA; Northern Pacific B-18 at Coulee City, WA; mainline New Cleveland, ND; Northern Pacific 2803 on freight train in snow. Keywords: track, railroad maintenance, railroad employee, Northern Pacific B-18, gas-electric car, Class Z-6 4-6-6-4 locomotive, Northern Pacific 1527, Class W 2-8-2 Mikado locomotive, station; Headquarters, ID; Sprague, Coulee City, WA; Cleveland, ND	article	41	2	13	4	NPRHA

"This Is the Way to Run a Railroad..." Time Table and Train Order Operations Under the Consolidated Code of Operating Rules	Kuebler, Bill	Mainstreeter	2022	Part 13 in 13-part series on Northern Pacific train dispatching; quiz and answers, conclusions. Photos of Northern Pacific 6701 A on North Coast Limited meeting Northern Pacific 2500 on freight and going away, Yakima Canyon; Northern Pacific 6018A at Bismarck, Northern Pacific 6018D at Fargo, rear of Mainstreeter eastbound at Fargo; Northern Pacific 394 at Auburn, WA; Northern Pacific 710 and depot, Fargo; Northern Pacific 1850 accident; eastbound freight passing westbound Mainstreeter, Fargo; detouring Great Northern passenger trains at De Smet,, Montana; station and signals at Manitoba Junction. Keywords: Northern Pacific 6701A, F9 locomotive, Northern Pacific 2500, U25C locomotive, North Coast Limited, freight train, Yakima Canyon, WA; Northern Pacific 6018A, F7 locomotive, Northern Pacific 710, S2 locomotive, Northern Pacific 1850, Class W-5 2-8-2 Mikado locomotive, Mainstreeter, Northern Pacific 394, sleeper-observation car, passenger car, Fargo, Bismarck, ND; Manitoba Junction, MN; Yakima Canyon, WA; De Smet,, Montana	article	41	2	17	11	NPRHA
Editor's Desk	Armbruster, Kurt	Mainstreeter	2022	Thanking all contributors, coming articles, encouraging submissions	column	41	2	27	1	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2022	Mystery photo 53 solution, query for photo 54. Photos of eastbound Mainstreeter passing freight train at signal bridge, De Smet,, Montana; description of signalling, dispatching. Keywords: Northern Pacific 6501C, F7 locomotive, Northern Pacific 6701A, F9 locomotive, Mainstreeter, semaphore, signal equipment; De Smet,, Montana	column	41	2	28	3	NPRHA
NP Family Mileposts	Alexander, Verne	Mainstreeter	2022	Passing of Gerald Heikkila and Robert Horne. Keywords: Heikkila, Gerald; Horne, Robert	column	41	2	31	1	NPRHA
Don Larson	Zidel, Bill	Mainstreeter	2022	Passing of Don Larson, photos of Larson at NPRHA conventions. Keywords: Larson, Don; Northern Pacific Railway Historical Association, NPRHA, convention	article	41	2	32	1	NPRHA
Modeling an NP Gas-Electric Car	Braun, Jeff	Mainstreeter	2022	Detailed modeling, photos of HO scale gas-electric car. Keywords: Braun, Jeff; modeling, Northern Pacific B-18, gas-electric car	article	41	2	33	2	NPRHA
The Whistle Heard for 6900 Miles	NP Rwy	Mainstreeter	2022	Saturday Evening Post ad, May 17, 1952, Brainerd shops, employee with new box cars, whistle blowing steam. Keywords: advertisement, freight car, Brainerd shops; Brainerd, MN	photo	41	2			NPRHA
NP Mystery Photo 55	Kuebler, Bill	Mainstreeter	2022	Back cover/mystery photo 55, eastbound North Coast Limited on trestle at Granite. Keywords: North Coast Limited, passenger car, bridge, trestle; Granite, ID	photo	41	2	36	1	NPRHA
NP 5403 and train 675	Unknown	Mainstreeter	2022	Cover photo of Northern Pacific 5403A heading freight train 676 south from Sumas. Keywords: Northern Pacific 5403A, FT locomotive, freight train, train 676; Sumas, WA	photo	41	3	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2022	Report on Pacific Northwest Railroad Archive, Bob Horne, raffle, Board elections. Keywords: Northern Pacific Railway Historical Association, NPRHA, Pacific Northwest Railroad Archive, PNRA; Horne, Bob	column	41	3	2	2	NPRHA

A Reach Too Far: The Northern Pacific in British Columbia	Armbruster, Kurt E.	Mainstreeter	2022	Northern Pacific attempts to expand in British Columbia and Vancouver, 1890s-1918; photos of Northern Pacific 351 on train 342 at Sumas, WA, 1900; Seattle and International Railroad passenger train 2 at Woolley, WA, 1899; Northern Pacific and Canadian Pacific locomotives and passenger train 342 at Sumas, 1900; Northern Pacific train 2 at Mission, BC, with Canadian Pacific locomotive; Howard Elliott, Vancouver Union Station exterior and interior, Sumas yard in 1911, Canadian Pacific mixed train 809 at Sumas, 1959, maps, timetables. Keywords: Northern Pacific 351, Class E-3 4-6-0 Ten-wheeler locomotive; train 342, passenger train, station, Sumas, WA; Seattle and International Railroad, train 2, Woolley, WA; Elliott, Howard; Northern Pacific train 2, Canadian Pacific Railway; Mission, BC; Vancouver Union Station, Vancouver Victoria and Eastern Railway, railroad yard, mixed train	article	41	3	4	16	NPRHA
Editor's Desk	Armbruster, Kurt	Mainstreeter	2022	Thanking Jerry Masters, coming articles, inviting members to contribute	column	41	3	19	1	NPRHA
Glenn Hove, 1928-2020	Kuebler, Bill	Mainstreeter	2022	Part 1 of five-part series on engineer Hove's career; photos of Dilworth roundhouse, town (aerial), Fritz Lewis, Arnold Norberg, Northern Pacific 1686, track charts, timetables, time books. Keywords: Hove, Glenn; Dilworth, MN; roundhouse, railroad yard, railroad employee; Lewis, Fred "Fritz"; Norberg, Arnold; Northern Pacific 1686, caboose	article	41	3	20	10	NPRHA
NP Mystery Photo	Kuebler, Bill	Mainstreeter	2022	Mystery Photo 55 solution, photo of North Coast Limited eastbound on trestle at Granite, description of train, equipment, diesel power, area history, terrain. Keywords: North Coast Limited, passenger train, passenger car, bridge; Granite, ID. Mystery Photo 56 query	column	41	3	30	2	NPRHA
NPRHA Board Work 3rd. Qtr. 2022	Zidel, Bill	Mainstreeter	2022	Board report, raffle, 2024 calendar, Board members, Pacific Northwest Railrad Archive, financial activity. Keywords: Northern Pacific Railway Historical Association, NPRHA, Pacific Northwest Railroad Archive, PNRA		41	3	32	1	NPRHA
Livingston Depot: A Paradise in Modeling	Danielson, Duane	Mainstreeter	2022	G scale model of station, photos. Keywords: modeling; Danielson, Duane; Livingston,, Montana; station	article	41	3	33	2	NPRHA
George Lamphier: A Life After NP	Martin, Mike	Mainstreeter	2022	BN career of maintenance of way employee. Keywords: Lamphier, George; section crew, railroad employee, track	article	41	3	35	1	NPRHA
NP Mystery Photo 56	Kuebler, Bill	Mainstreeter	2022	Back cover/mystery photo of rear of North Coast Limited with streamlined observation car passing through town, 1947. Keywords: North Coast Limited, observation car, passenger car	photo	41	3	36	1	NPRHA
Model of NP 1756 and freight train on HO layout	Marsh, Lee	Mainstreeter	2022	Cover photo of model Northern Pacific 1756 and freight train on trestle. Keywords: Marsh, Lee; modeling, Northern Pacific 1756, Class W-3 2-8-2 Mikado locomotive, freight train	photo	41	4	1	1	NPRHA
President's Message	Zidel, Bill	Mainstreeter	2022	Report of NPRHA president on Brainerd convention, raffle, Modeling Committee, Board members, 2024 calendar	column	41	4	2	3	NPRHA

Modeling Classic Railroad Images	Marsh, Lee	Mainstreeter	2022	HO model of P&L branch inspired by Phil Hastings photos. Photos of model steam locomotives, trains, structures, scenery. Keywords: Marsh, Lee; modeling, Hastings, Philip R.; photography, Palouse and Lewiston branch, Highball, freight train	article	41	4			NPRHA
Modeling the NP	Helberg, John	Mainstreeter	2022	Listings of new products, all gauges; photos of Northern Pacific model freight and passenger cars, passenger diesels. Keywords: modeling, Northern Pacific Railway, diesel locomotive, freight car	column	41	4	8	6	NPRHA
Helena's Interlocking Tower	Hansen, Jim	Mainstreeter	2022	History and description of interlocking, map. Photos of Great Northern Railway Fast Mail detoured. Keywords: East Helena,, Montana; interlocking, tower, junction, track, train dispatching, GN 350, F3 locomotive, Fast Mail, passenger train, mail train	article	41	4	14	3	NPRHA
NPRHA Board Work 4th Qtr. 2022	Zidel, Bill	Mainstreeter	2022	Report on Board activity, finances, new software, PNRA, Board members. Keywords: Northern Pacific Railway Historical Association, NPRHA, Pacific Northwest Railroad Archive, PNRA	column	41	4	17	1	NPRHA
Editor's Desk	Armbruster, Kurt	Mainstreeter	2022	Encourage modelers to submit articles, notice of Tacoma convention	column	41	4	17	1	NPRHA
(NP) Tennis, Anyone?	Taylor, Janyce	Mainstreeter	2022	Company tennis competitions of 1920s, photo of trophy	article	41	4	18	1	NPRHA
Henry Villard's Desk	Sternberg, Keith	Mainstreeter	2022	Article from Railroad magazine, 1940s; photos of Henry Villard, two office employees with Villard's desk. Keywords: Villard, Henry	article	41	4	19	1	NPRHA
Glenn Hove, 1928-2020	Kuebler, Bill	Mainstreeter	2022	Part 2 of five-part series on Northern Pacific engineer's career, operations. Photos of Valley City engine house, Northern Pacific 700, Fritz Lewis and Leroy Larson, Jim Lewis, Harry Lewis, Runyon Peterson, Valley City switch job with 2-6-2 No. 2460. Keywords: Lewis, Fred "Fritz"; Larson, Leroy; Lewis, Jim; Lewis, Harry; Peterson, Runyon; railroad employee, Northern Pacific 700, S2 locomotive, Northern Pacific 2460, Class T 2-6-2 Prairie locomotive; Valley City, ND	article	41	4	20	7	NPRHA
Convention 2022, Brainerd, Minnesota	Fujii, John	Mainstreeter	2022	Convention report, photos. Keywords: Northern Pacific Railway Historical Association, NPRHA, convention; Brainerd, MN	article	41	4	27	1	NPRHA
Preservation News	Armbruster, Kurt E.	Mainstreeter	2022	Recent steam activity at Northwest Railway Museum, photos of Northern Pacific 924 and train, crew. Keywords: Northwest Railway Museum, Northern Pacific 924, Class L-7 0-6-0 locomotive, passenger train, railroad employee	column	41	4	28	1	NPRHA
My NP Modeling Projects	Leimbek, Frank	Mainstreeter	2022	G scale model, three photos of Northern Pacific railroad cars; Keywords: Northern Pacific Railway, modeling	article	41	4	29	1	NPRHA
NP Mystery Photo 56	Kuebler, Bill	Mainstreeter	2022	Mystery Photo 56 solution, query for photo 57. Photo of North Coast Limited, Northern Pacific Spokane Club, observation car, Elk River, 1948, description of train, equipment, operating rules. Keywords: North Coast Limited, Northern Pacific Spokane Club, sleeper-observation car, passenger car	column	41	4	30	2	NPRHA

NP Mystery Photo 57	Kuebler, Bill	Mainstreeter	2022	Back cover/mystery photo 57, Northern Pacific 2682, train order photo	41	4	32	1	NPRHA
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