



NPRHA

NP Steel Caboosees

Decal Instructions/Guidance

October 2019

Overview

- This document provides location guidance to apply NPRHA Caboose Decals, using prototype photos and Painting & Stenciling drawings
- The set covers paint schemes starting in roughly 1910, nothing earlier than that. The set does not provide lettering post 1970
- NP Caboose car numbers were revamped in 1942, then again in 1968. This guide will organize guidance using the 1942 to 1968 numbering



THANK YOU!

Instructions - Lots of Images

- Images from the Fredrickson, Simonson, and Ainsworth Collections of the NPRHA – THANK YOU!
- Also contributing images/drawings and most of the original artwork – Rick Leach. THANK YOU!
- Caboose car drawings from Simonson and Marceau Collections, NPRHA
- Images are for personal research purposes only

General Information

- The NP roster of steel cabooses was very interesting, from in-house builds to latest and greatest designs a year before merger
- For a detailed article on many of these cabooses, see **Volume 7, Number 3** of *The Mainstreeter*, published by the NPRHA



Decal Sheet Conventions

- The Magenta (pink) regions on the decal images in this document indicate the “clear carrier” or thin film that groups lettering together
- Cut the regions out and apply per printed instructions



Magenta (pink) indicates
clear film group of lettering



Some areas like number
jumble, just cut to need

Numerical Registers of Cars

- You can learn four important facts about these cars by looking through the Numerical Registers of Cars. Information:
 - Converted from which car series, or which builder constructed the car – FROM column
 - Built or Converted date – DATE column
 - Disassembled/Scrapped/Sold date – TO column
 - Authorization for Expenditure (AFE) that authorized action – AUTH column. NP AFEs are slowly being put on the NPRHA website
- There are two PDF files that cover the NP cabooses. Search the Internet for these words or find the documents on the NPRHA website (Equipment\Numerical Register of Equipment):

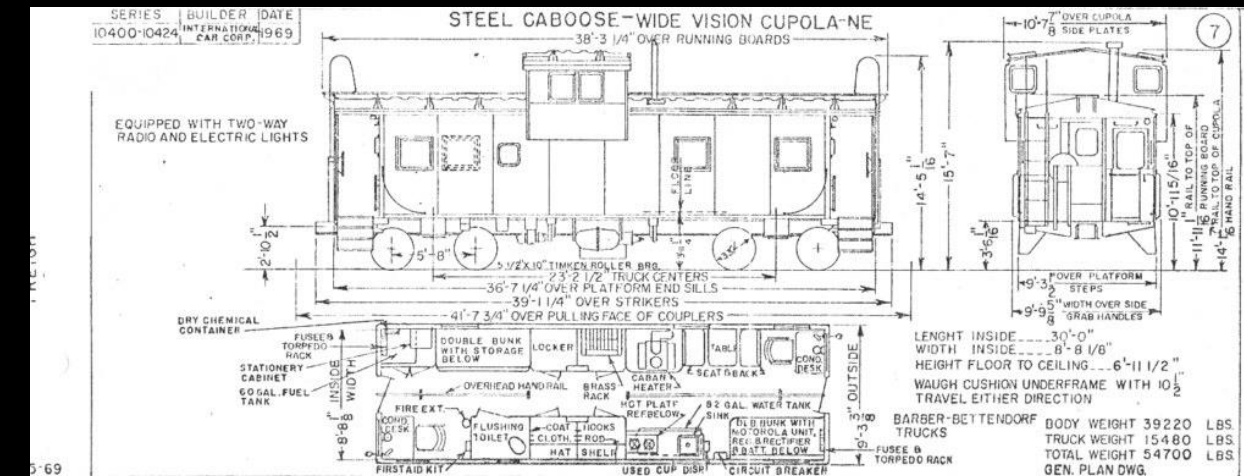
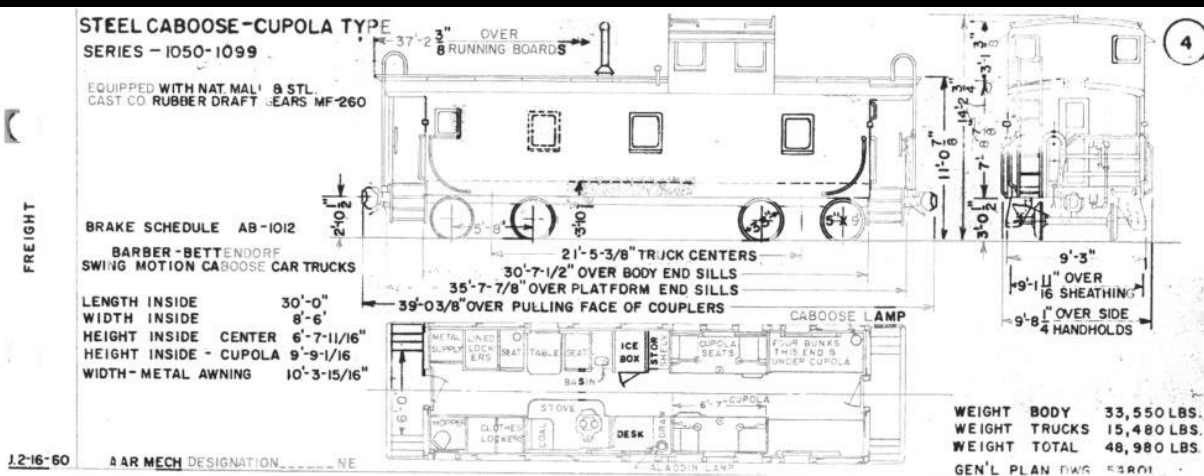
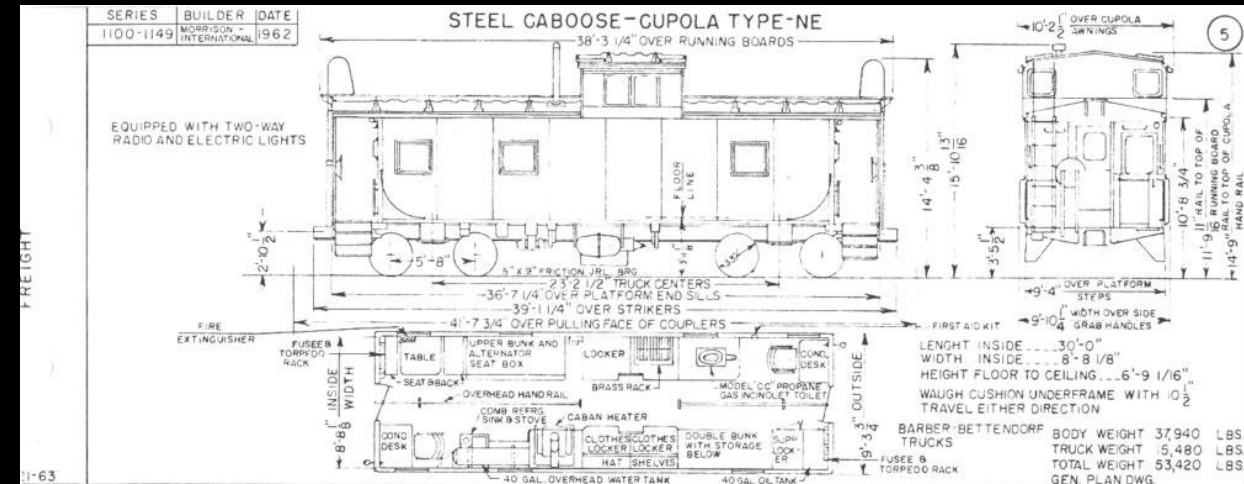
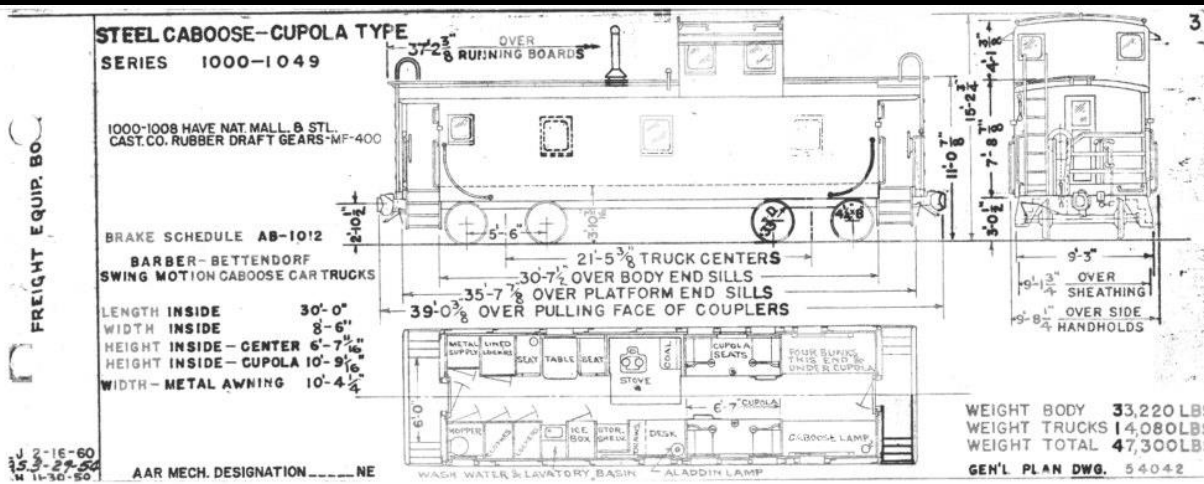
[NP Cabooses 900-1999 Car Register Sheets](#)

[NP Cabooses 10000-10949 Car Register Sheets](#)



NP Steel Cabooses

Equipment Diagrams



STEEL CABOOSES: Brainerd Built

- The NP built its first steel caboose as the 1000 – 1049 series
- Built January & February of 1951 at Brainerd Shops
- The second set was the 1050 – 1099 series, built 1954
- For a detailed article on many of these cabooses, see **Volume 7, Number 3** of *The Mainstreeter*, published by the NPRHA

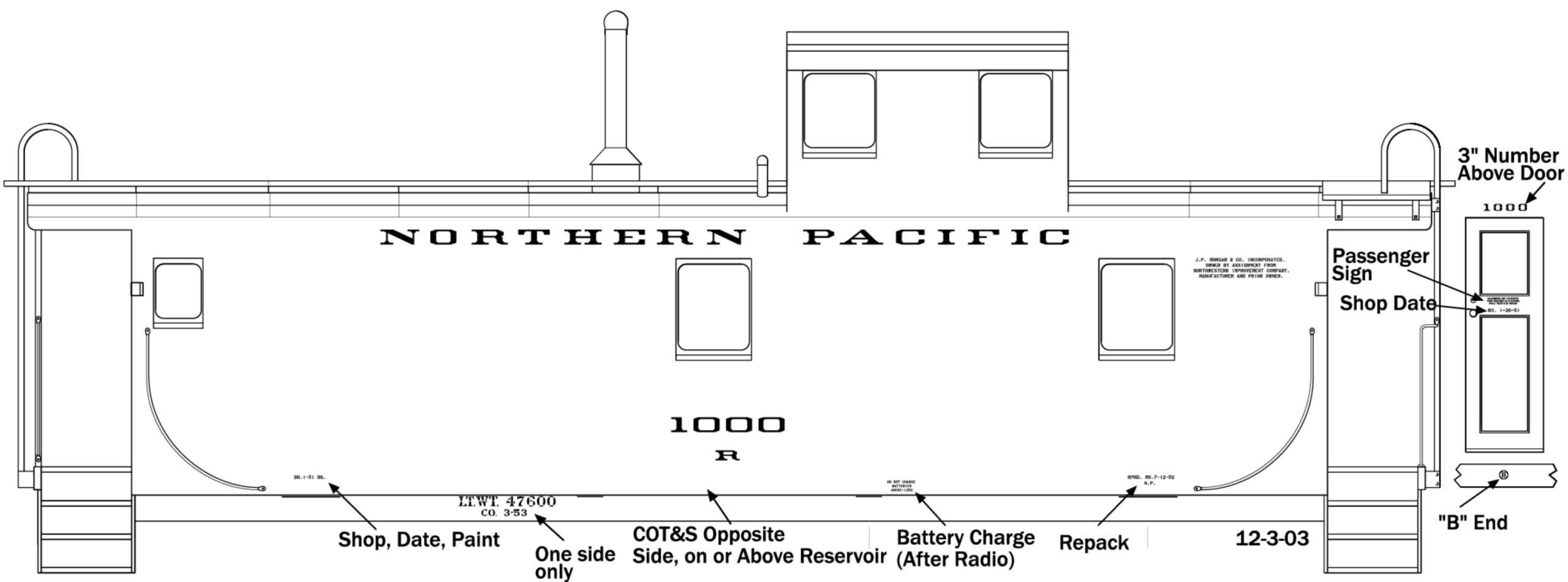
Brainerd Built Steel Caboose

Early Scheme



Steel Caboose – Early Scheme

- Unique NORTHERN PACIFIC caboose typeface along top of side
- Road number centered
- Late – “R” added for units with radio, lease stencil in upper left...
- Applied to 50 units built in Jan/Feb 1951, but by July a new scheme was standard...



- NPRHA does not have this official NP stencil drawing... :(
- Many measurements appear to be the similar to wood caboose drawing, so start there
- Rick Leach drawing above will also provide many clues

Steel Caboose – Early Scheme

Drawing – Rick Leach

Brainerd Built Steel Caboose
Northern Pacific Monad Scheme

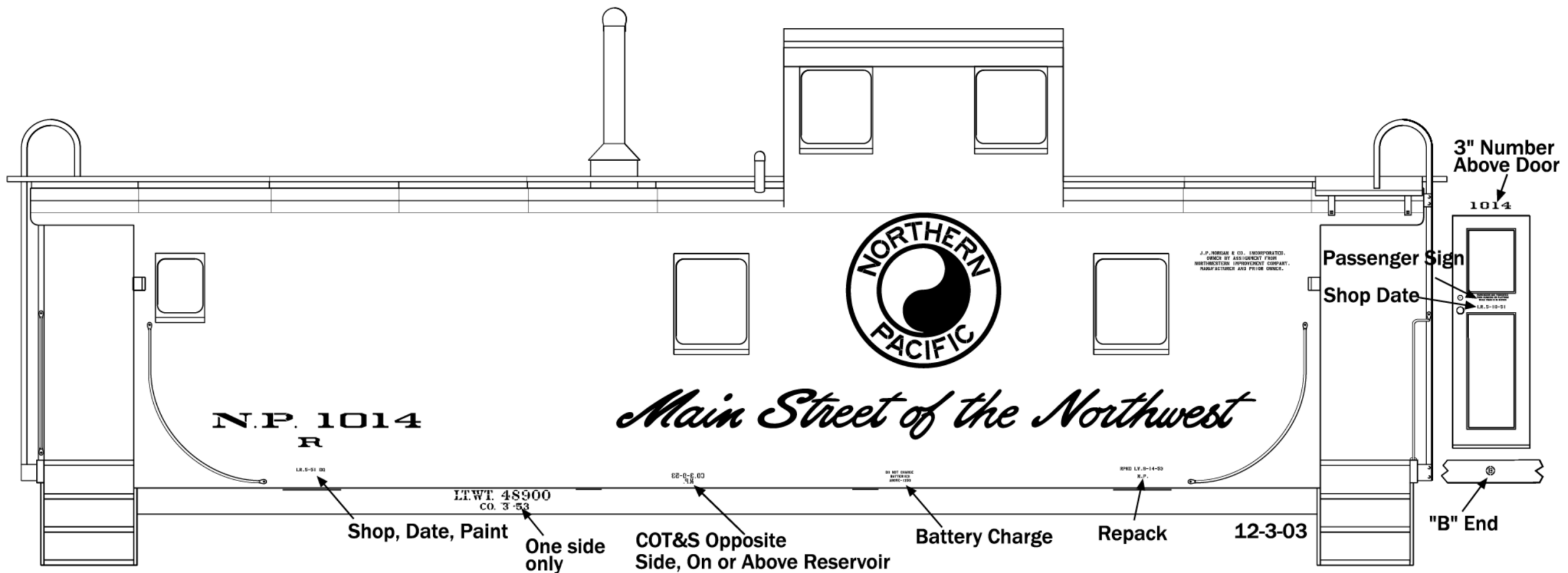


Steel Caboose – Northern Pacific Monad Scheme

1014 – Ainsworth Collection of NPRHA

1099 – Builders Photo, Minnesota Transportation Museum

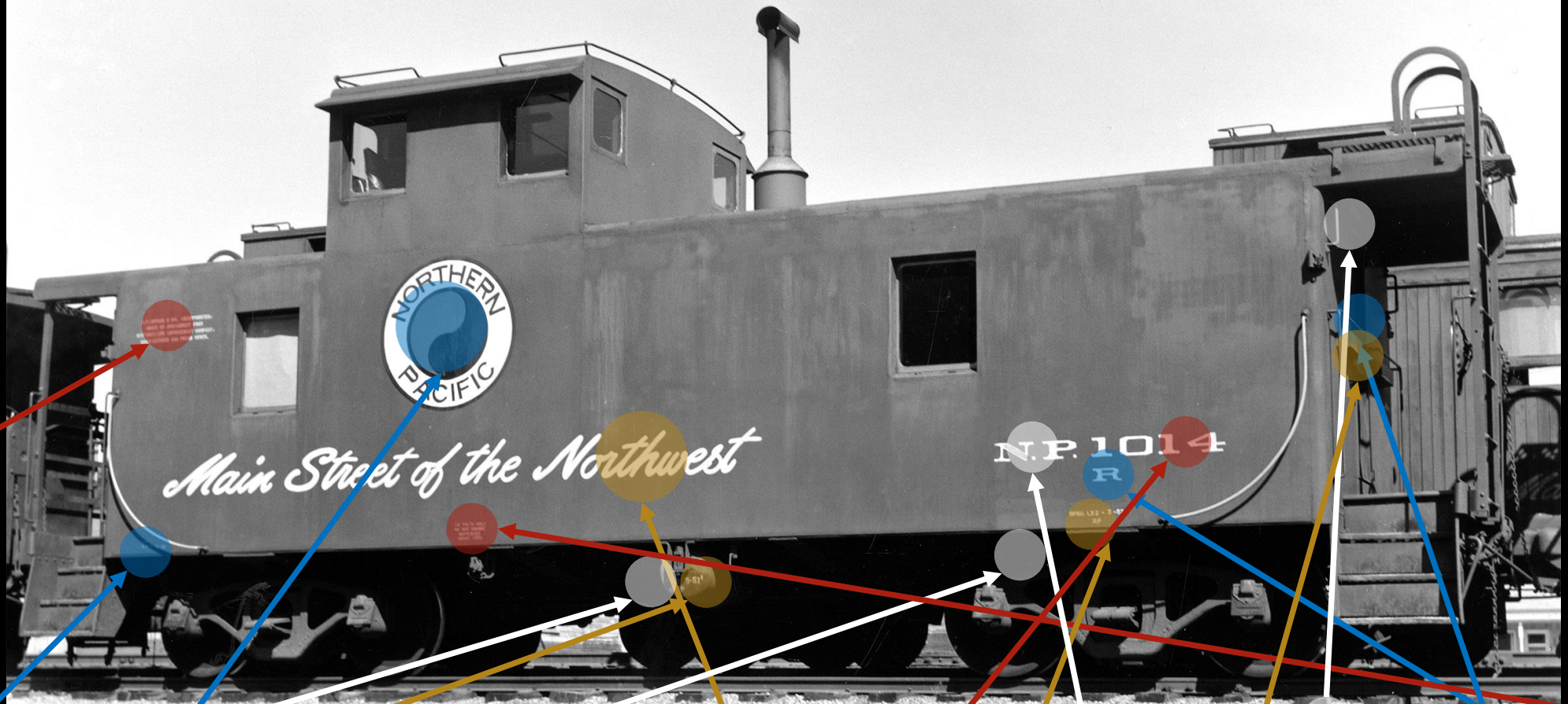
- Monad introduced with NORTHERN PACIFIC (no Railway), and Main Street of the Northwest
- Applied May 1951 to 1955
- Other notes?



Rick Leach Drawing – Northern Pacific Monad Scheme

Drawing – Rick Leach

- NPRHA does not have this official NP stencil drawing... :
- Many measurements appear to be the similar to wood caboose drawing, so start there for exact placement
- Rick Leach drawing above will also provide many clues
- Note – First three Monads are with stencil lines, next two are without



Trust text from section above



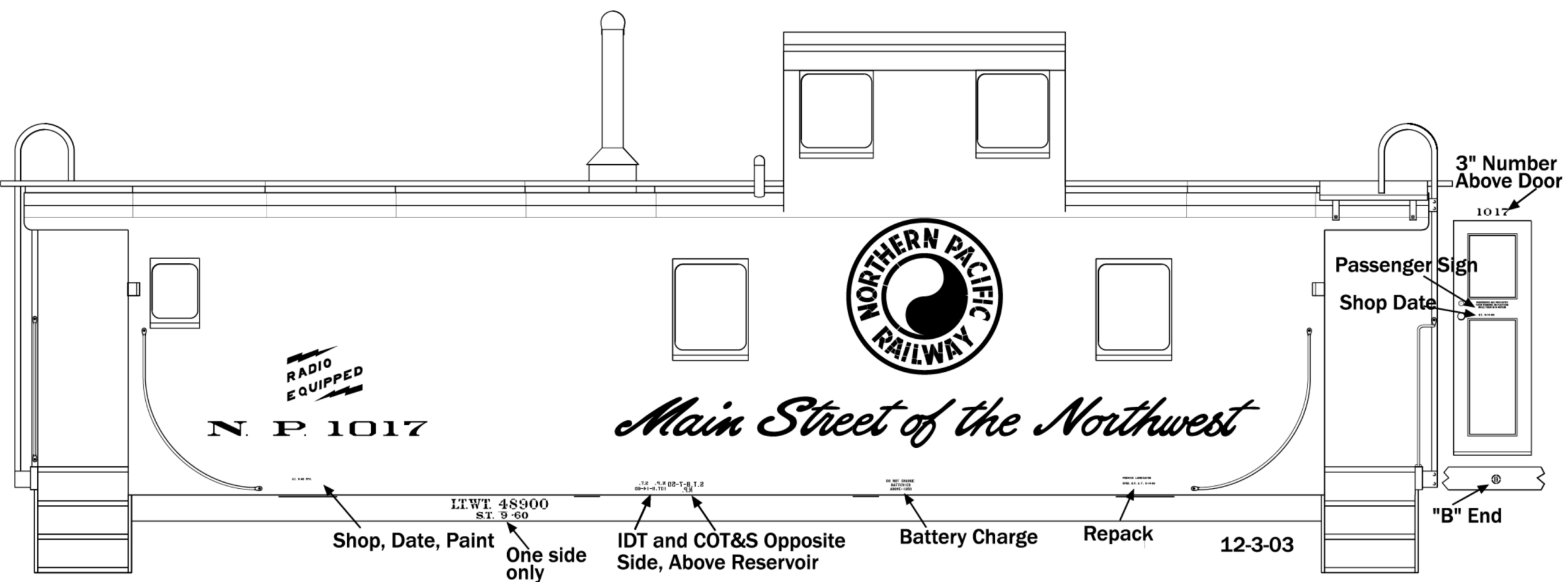
Brainerd Built Steel Caboose
Northern Pacific Railway Monad Scheme



Steel Caboose – Northern Pacific Railway Monad Scheme

- NORTHERN PACIFIC RAILWAY Monad introduced, paired with *Main Street of the Northwest*
- Applied after 1955
- Battery charge stencil was sometimes 4 lines, sometime 3 lines, and sometimes one line – consult photos for your era
- Not sure what stencil is on upper left of back platform wall

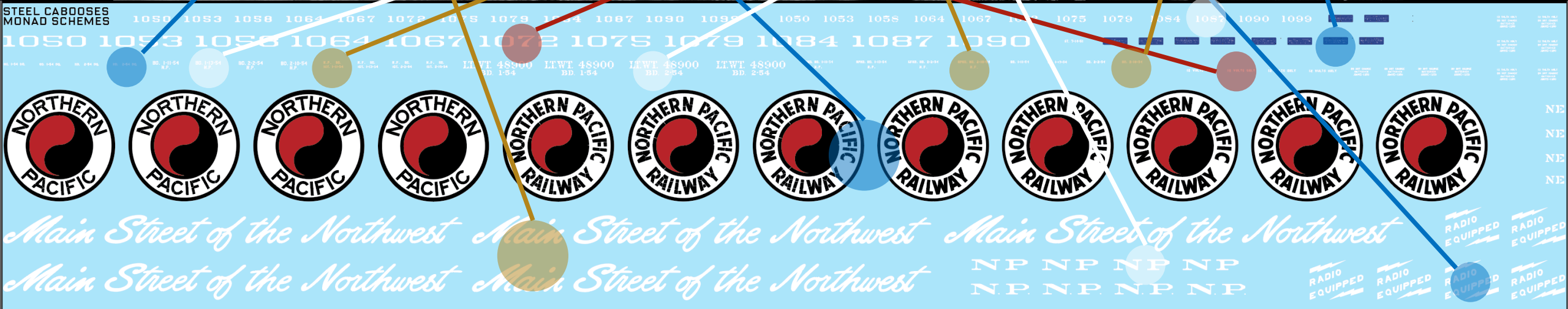
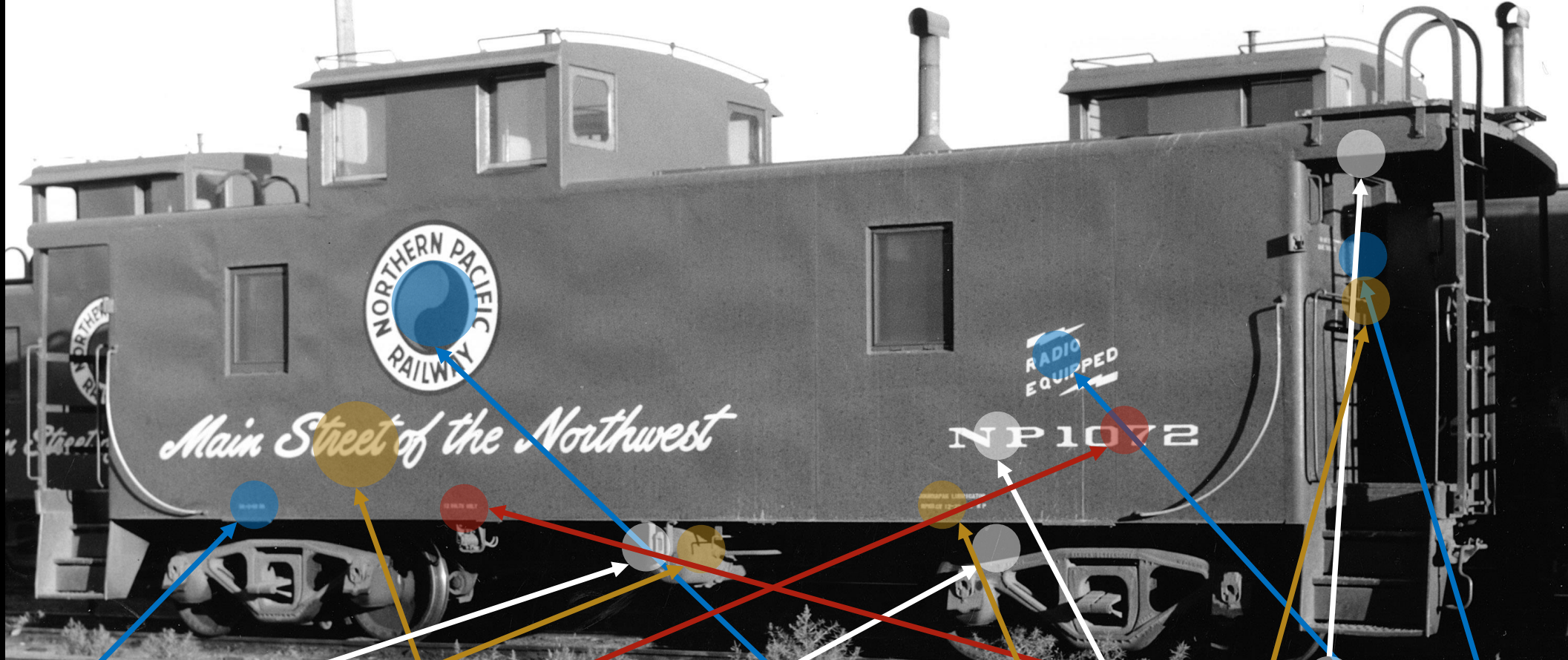
Need to set credits for photos



- NPRHA does not have this official NP stencil drawing... :(
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Rick Leach Drawing – Northern Pacific Railway Monad Scheme

Drawing – Rick Leach



Brainerd Built Steel Caboose

Late Schemes



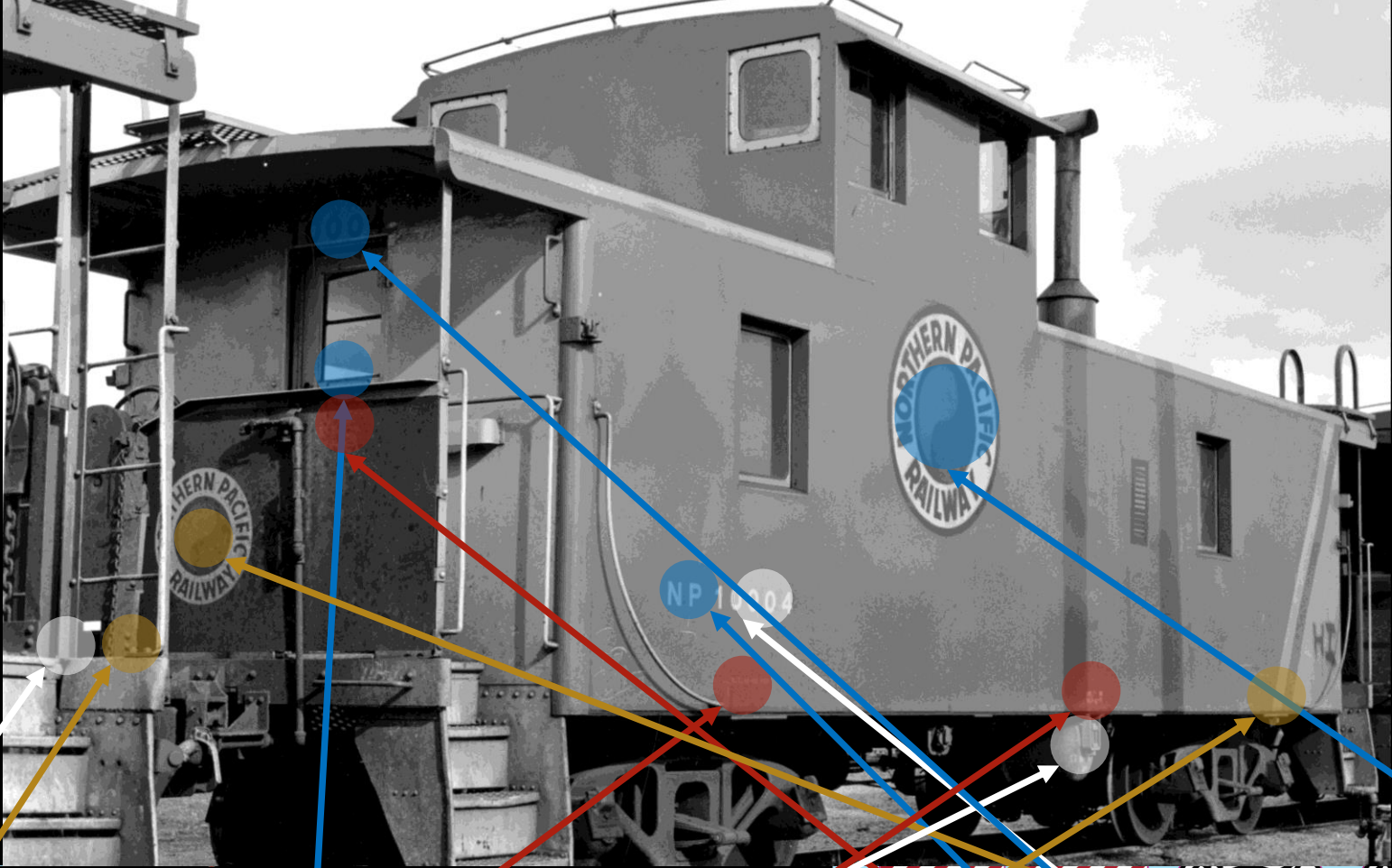
Steel Caboose – Late Schemes

1093, 10008 and 10029 – Joe Carron Collection

10004 – Walt Ainsworth Collection

- The late 1960s were apparently crazy times!
- In upper left, we see an example of dropping Mainstreet of the Northwest, which was common after 1968
- In lower left, we see an NP lettering scheme but in Cascade Green
- On right, two examples of new “10400” scheme applied to 1951 cabooses

- **No Stencil drawing for late Brainerd series**
- **Above is NOT a drawing for the Brainerd series, but this drawing does give positioning clues for that paint scheme**
- **For example, Monad is flush to side top, and cupola centered. Road initials and car number look right at 18 inches from side bottom**



LATE RENUMS AND MISC

PAINT DATE

SHOP DATE

AIR RESERVOIR DATE

DOT/ICD DATE

REPAKED

10709 10305 10000 10008 10029 10902 10907 10913 10141 1029 904 907 910

10709 10305 10000 10008 10029 10902 10907 10913 10141

TACOMA

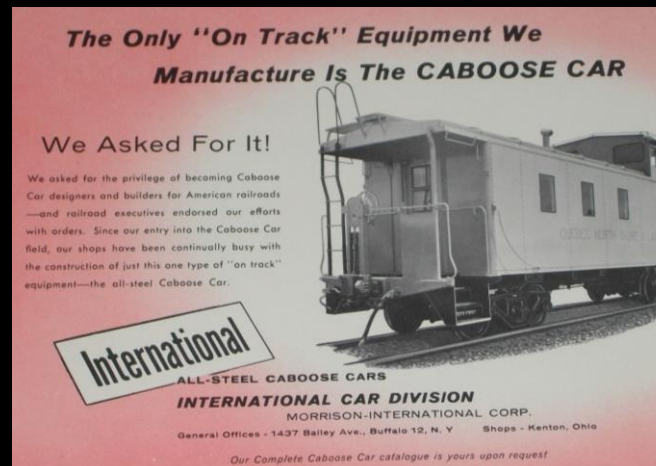
COMP

10665 10710 10316 10004 10008 10036 10050 10081

10665 10710 10316 10004 10008 10036 10050 10081

STEEL CABOOSES: 1100-1149 Series of 1962

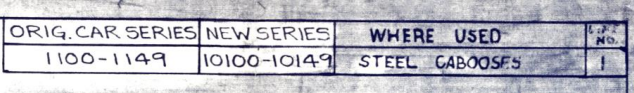
- The NP ordered 50 cabooses from Morrison–International Corp.
- Built between September and December, 1962
- For a detailed article on many of these cabooses, see **Volume 7, Number 3** of *The Mainstreeter*, published by the NPRHA





Steel Caboose – Northern Pacific Monad Scheme

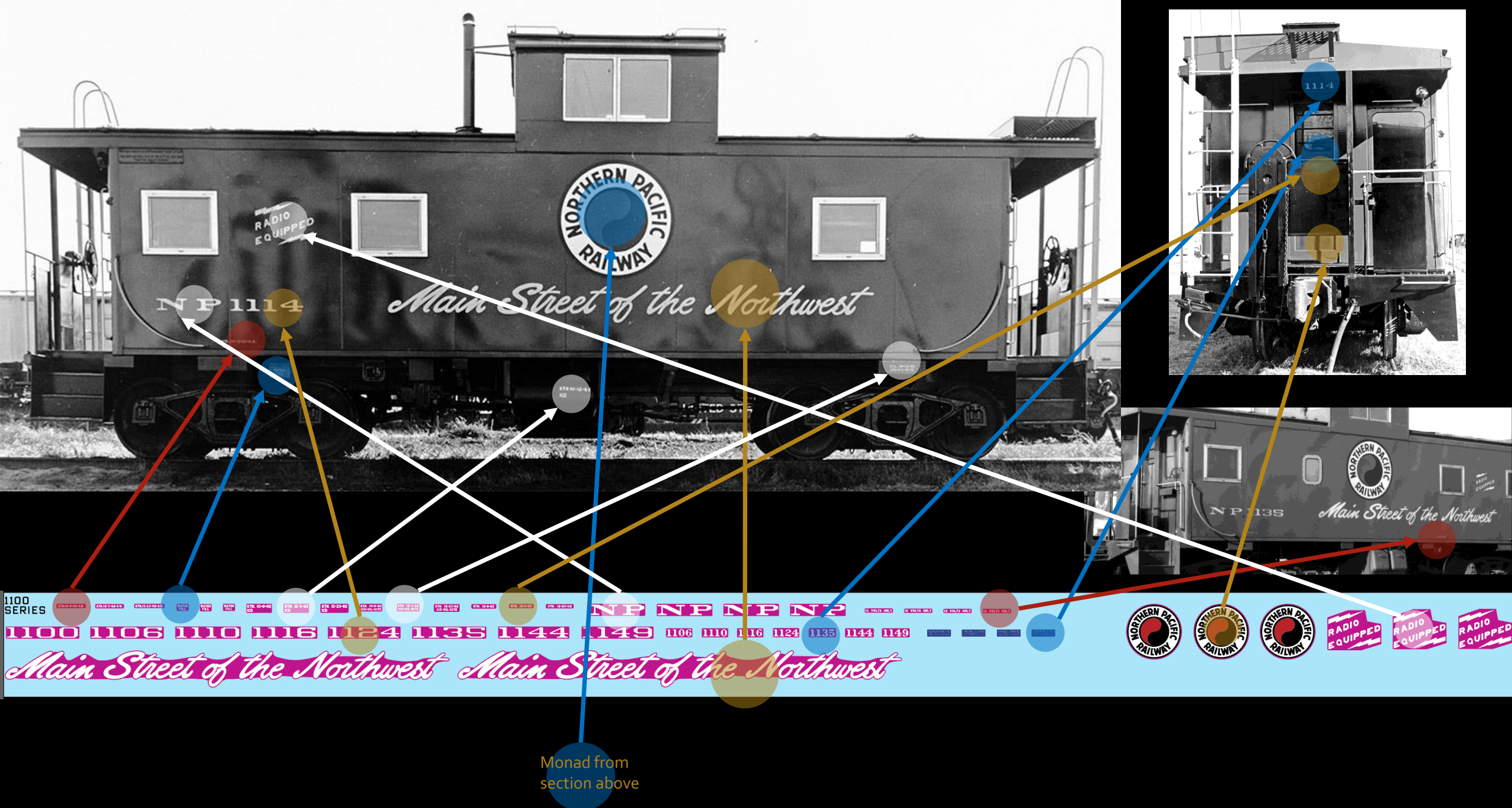
- Monad introduced with NORTHERN PACIFIC (no Railway), and Main Street of the Northwest
- Applied July 1951 to 1957
- Other notes?



- For 1100 Series, 1969
- This is the Late Scheme (1969), but the drawing still provides guidance for many graphic/lettering elements for 1962

Stencil Drawing – Northern Pacific Railway Monad Scheme

Drawing – NPRHA



STEEL CABOOSES: 10400 – 10424 Series of 1969

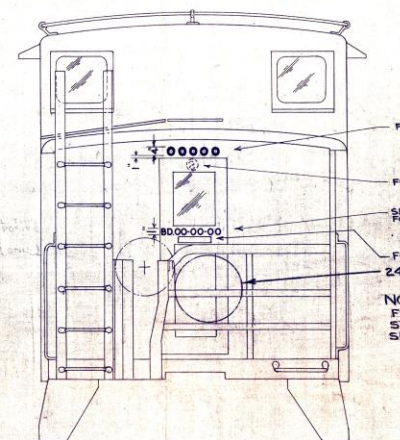
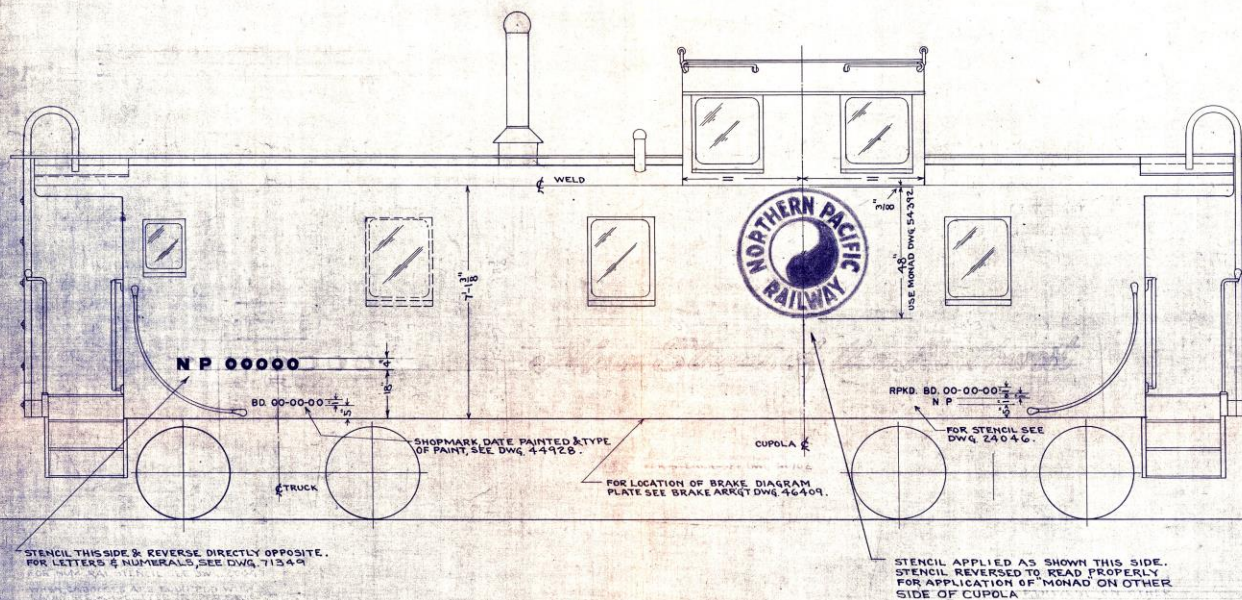
- The NP's final 25 cabooses, built by Morrison–International Corp.
- For a detailed article on many of these cabooses, see **Volume 7, Number 3** of *The Mainstreeter*, published by the NPRHA



Steel Caboose – Northern Pacific Monad Scheme

- This is the only Painting & Stenciling scheme for this caboose while in NP operation
- Several apparently survived until 1987 in this scheme

EXTERIOR PAINTING SCHEME DRAWING	ORIG. CAR SERIES	NEW SERIES	WHERE USED	LINE No.
72350	1000-1049	10000-10049	CABOOSES	1
	1050-1099	10050-10099		2



NOTE: FOR STENCILING NOT SHOWN SEE FOLLOWING DRAWINGS:

CENTER PLATE MARKING 44490
BRAKE DIAGRAM PLATE 53630
BRAKE CYLINDER & RESERVOIR STENCIL 15229
COUPLER STAMPING 3032
TRUCK STENCILING 9346
CUPOLA SIGN 39501
INSTRUCTIONS FOR OPERATING CABOOSE VALVE. SKAIB
S. N. P. STENCIL 20042
NUMERALS 20038
1/2 LETTERS 44639
1/2 STENCIL & NUMERAL 44638
1 LETTERS & NUMERALS 45128

FOR STENCILING OF CABOOSES: NOS. 1050-1049
AS BUILT SEE DWG. 53828.

FOR CABOOSES IN POOL SERVICE SEE
NP DWG. 70153

PAINTING & STENCILING BODY

NORTHERN PACIFIC RAILWAY CO.
MECHANICAL DEPT.
NOV. 20, 1951
APPROVED

SCALE 1"=1'-0"
CORRECT

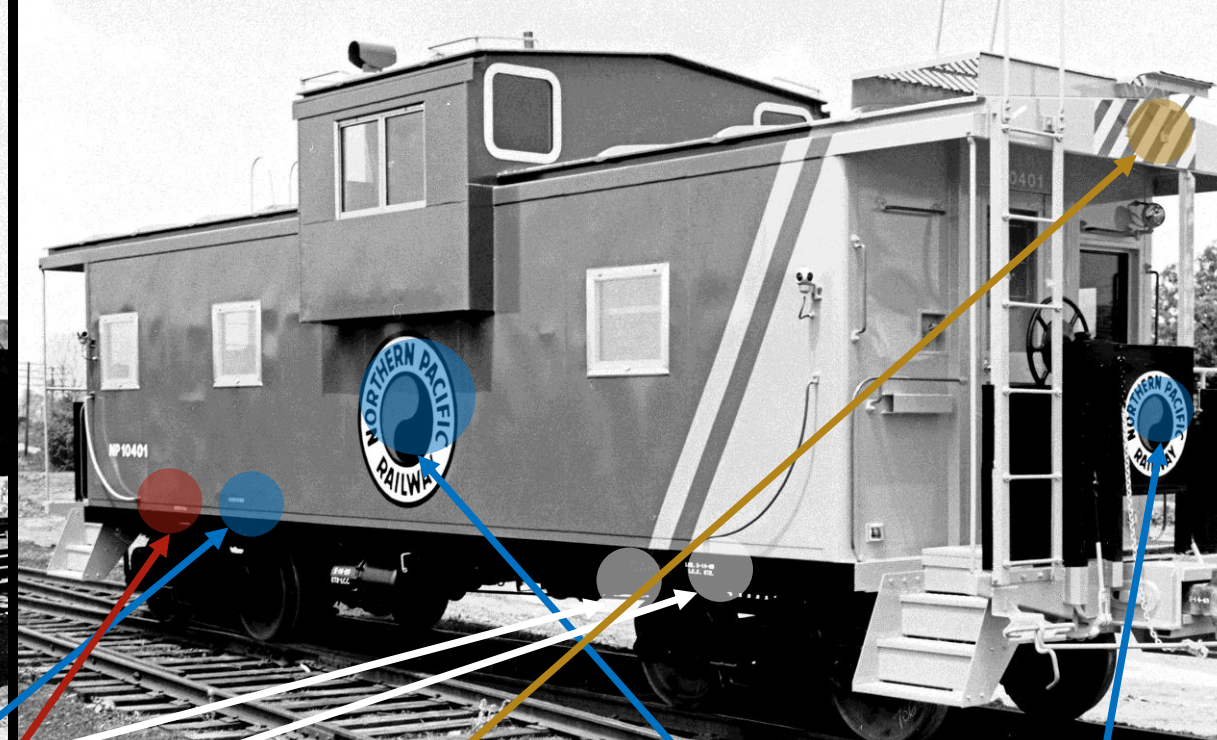
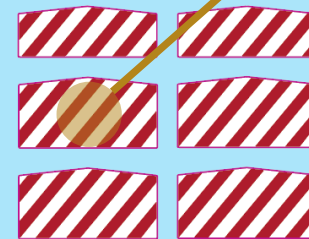
GENERAL MECH. SUPT. MECH. ENGR.
SERIES S-1268 DRAWING 54957
ST. PAUL, MINN.

D. & T. LON-1120-51

S-1268

Stencil Drawing

- This is drawing for very late repaints for 1000 and 1050 series, but gives general placement guidance for 10400 series and other late repaints

[illegible]

STEEL CABOOSES: The Little Stuff

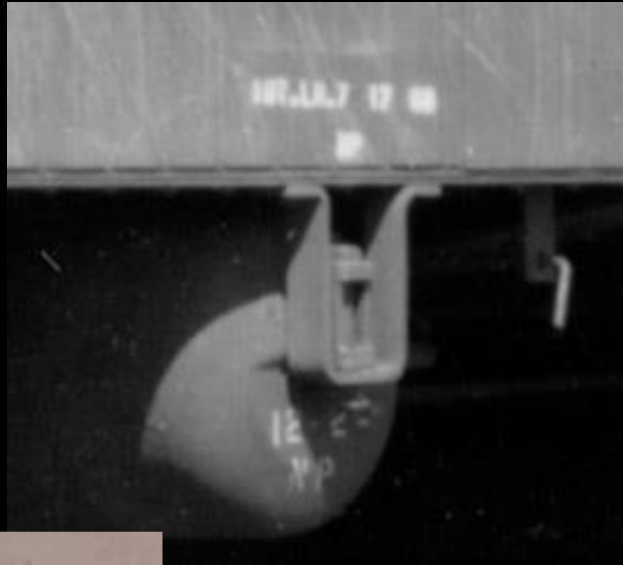
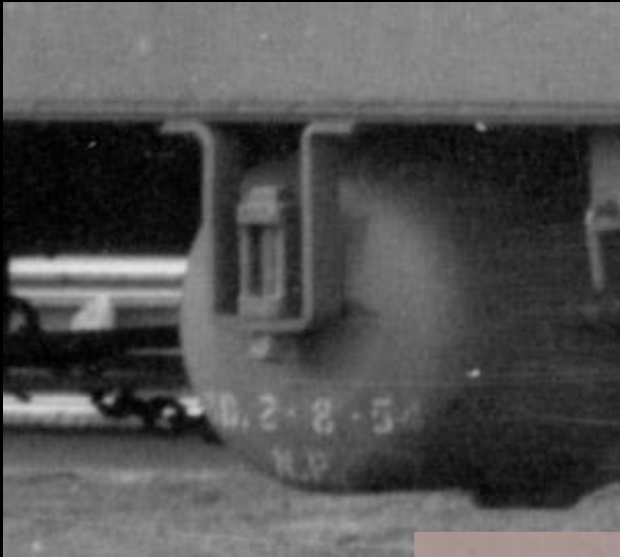
Rivet counters only...



Dropping of MSNW

- Towards the end, the *Main Street of the Northwest* was left off some cars as part of repaints

1000 Series



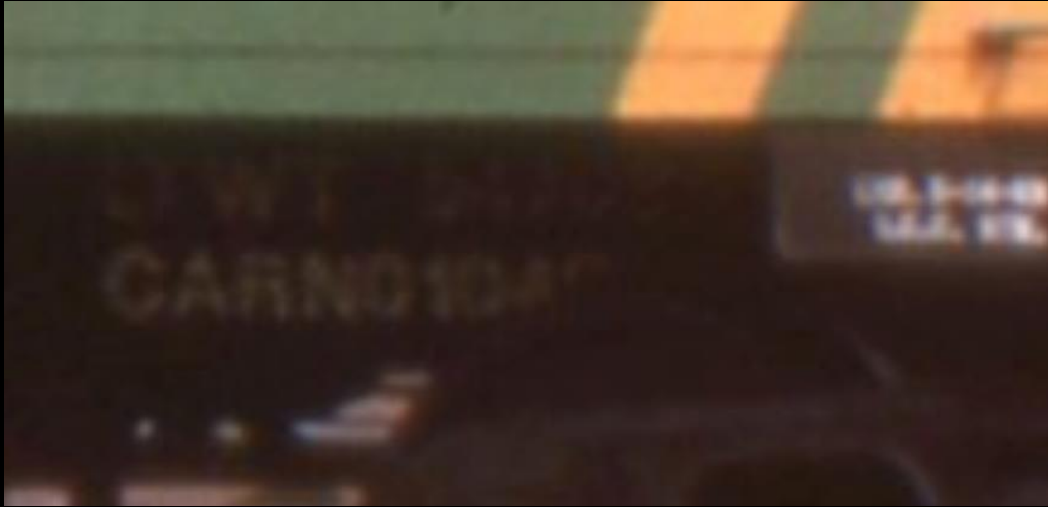
10400 Series



Air Reservoir

- Examples of air reservoir stenciling on steel cabooses

10400 Series



LT WT on Center Sill

- Example of LT WT and CAR NO stenciling on the center sill
- If you have room on your models center sill, the decal sheets provide stencils for this seldom seen item



End

End of Steel Cabooses

For Wood Cabooses, see other file