



NP Freight Car Lettering, Slogans & Monads, Part 2

NPRHA Wallace Convention, September 2016

Dean O'Neill

w/Rick Leach

Lots of Images

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Agenda

- The Basics – 5 minutes
- Lettering Typefaces – 10 minutes
- Painting & Lettering Drawings – 25 minutes
- Intermission – 5 minutes
- **Builders Photos – 35 minutes**
- **Monads – 5 minutes**
- **NORTHERN PACIFIC – 5 minutes**
- **Slogans – 5 minutes**



NP Boxcar Artwork Roadmap

NP Boxcar Artwork Roadmap

NP WOOD BOXCARS																																	
	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
Monad - NORTHERN PACIFIC	-	36"	36"	36"	36"	36"	36"	36"	36"	36"	36"	36"	48"	48"	48"	48"	48"	48"	48"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monad - NORTHERN PACIFIC RAILWAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Arched NORTHERN PACIFIC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Large "NP" Initials w/periods	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Large "NP" Initials	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Slogan - MSNW script	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Slogan - SCENIC ROUTE OF...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Slogan - ROUTE OF THE...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Slogan - MAIN STREET OF...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

NP 50' STEEL BOXCARS																																	
	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
Monad - NORTHERN PACIFIC	-	-	-	-	-	-	-	-	-	-	-	36"	60"	60"	60"	60"	60"	60"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Monad - NORTHERN PACIFIC RAILWAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96"	96"	96"	96"	96"	96"	96"	96"	96"	96"	96"	96"	96"	96"	
Arched NORTHERN PACIFIC	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Large "NP" Initials w/periods	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	
Large "NP" Initials	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Slogan - MSNW script	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Slogan - SCENIC ROUTE OF...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	
Slogan - ROUTE OF THE...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
Slogan - MAIN STREET OF...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	



MTM Builder Photos



NP 28700-28999
“War Emergency” Boxcar, 40’ 6”
BLT by Pressed Steel Car Company
1944

- Arched NORTHERN PACIFIC, letter spacing to fit between braces
- 9” reporting marks, 7” car number, centered under arched NP
- Monad is 36”, almost out of necessity
- 1.5” LIFT HANDLE TO OPEN OR CLOSE DOOR text



NP 28700-28999

**“War Emergency” Boxcar, 40’ 6”
BLT by Pressed Steel Car Company
1944**

- 3” reporting mark and car number, but not NP lettering stencil
- I W WROT STEEL WHEELS
- A/B on respective ends

MTM Image



NP 10000-13999

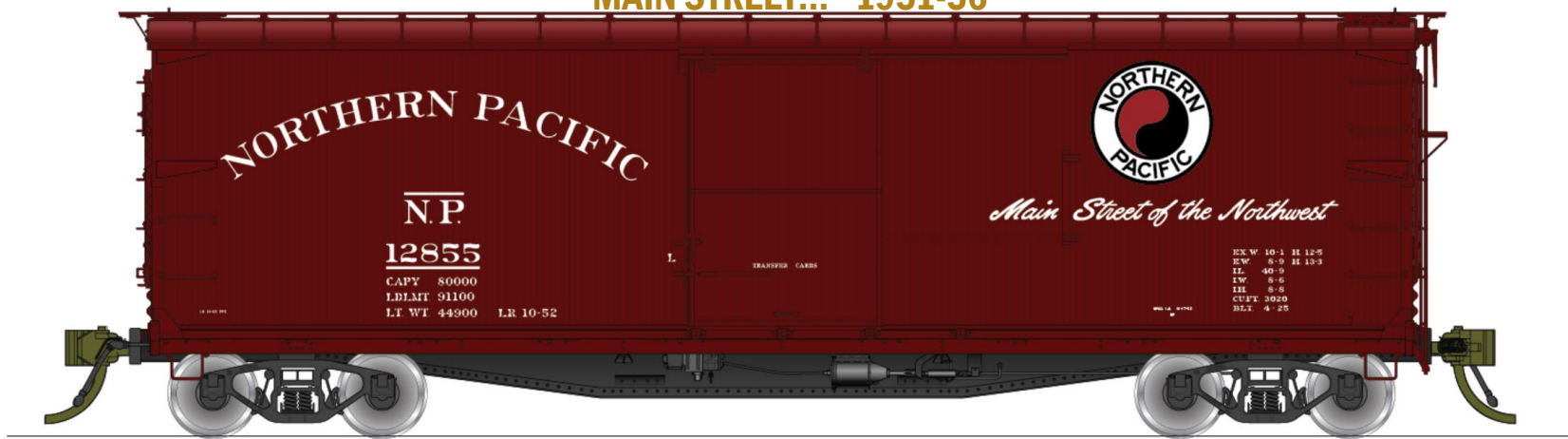
Boxcar, 40' 6"

BLT by four different manufacturers

1923-1925

- 10000 Series - great opportunity to see how items changed over time
- 1920s, no Monad, Capy on the right, Dimensions on left, and N.P.R. on the door (crazy!). Car numbers – large at 10"
- 1940s, 36" Monad, Capy on left, Dimensions on Right (thanks AAR)
- Lettering stencils appear to be NP standard
- Note sides are A/B, noted next to door, not L/R which shows up next

"MAIN STREET..." 1951-56



COMPANY SERVICE - 1956-1982



NP 10000-13999

Boxcar, 40' 6"

BLT by four different manufacturers

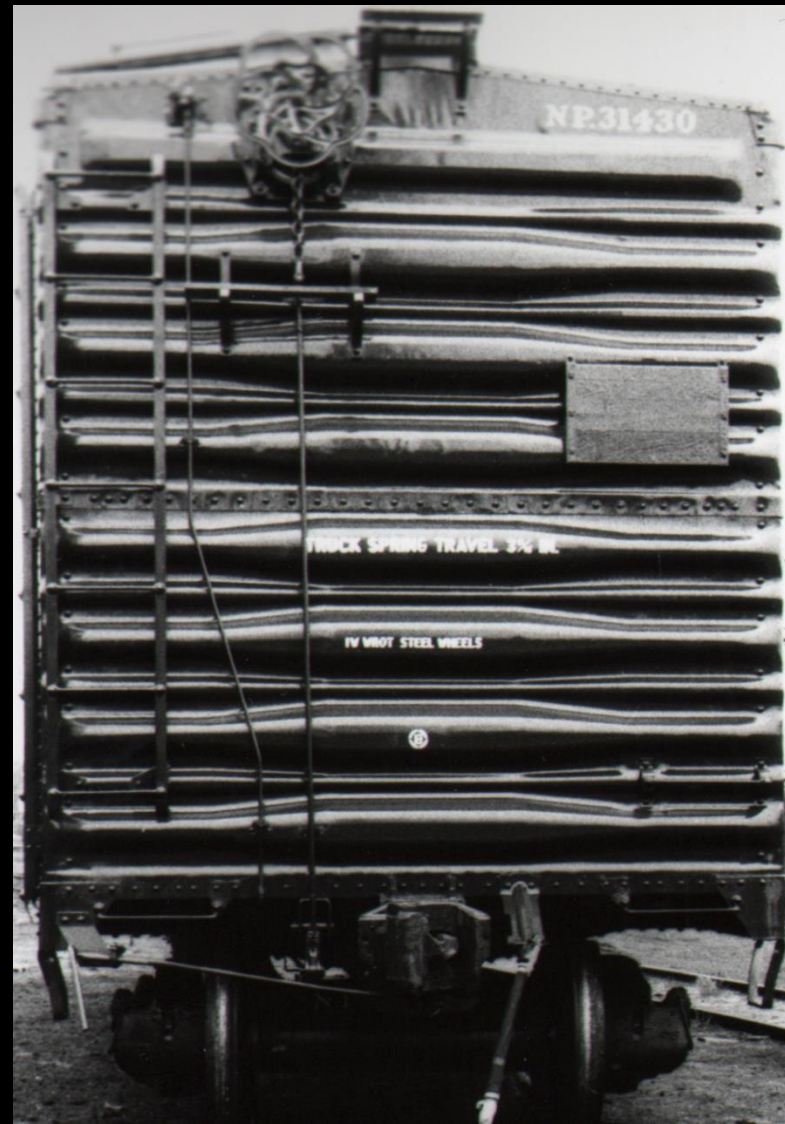
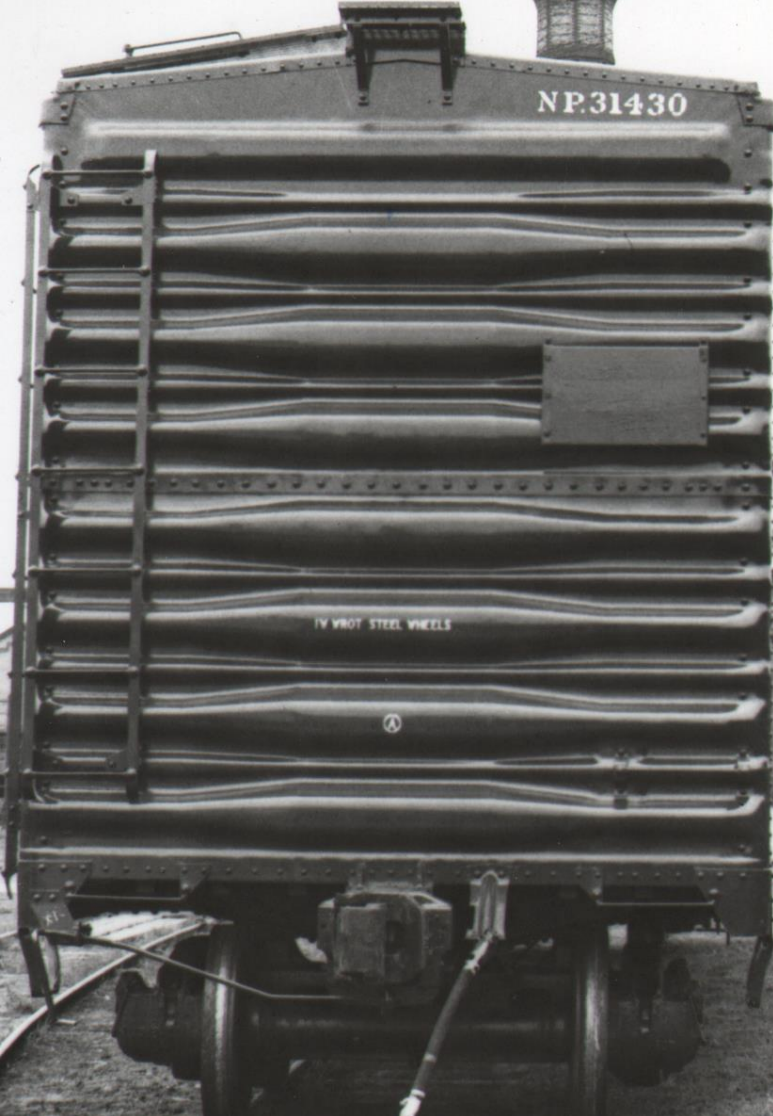
1923-1925

- 1950s, we get a 48" Monad and a MSNW slogan
- Not much else changes...



NP 31000-31499
XM Boxcar, 50'
BLT by Brainerd, 1950

- Classic arched NORTHERN PACIFIC
- Lease stencil, interesting that its not in the extreme corner
- 9" reporting marks, 7" car numbers, centered under arched NP
- Monad is a paltry 36", but at least we have a MSNW slogan
- About as bland as 50 footers come...



NP 31000-31499
Boxcar, 50'
BLT by Brainerd, 1950

- Looks like 3" reporting mark and car number
- IW WROT STEEL WHEELS
- A/B on respective ends
- TRUCK SPRING TRAVEL 3 11/16 IN., note, just on one end



**BUILT BY
N.P.
BRAINERD
SHOPS**

**NP 6000-6499
XM Boxcar, 50'
BLT by Brainerd, 1955**

- New 60" Monad, new slogan. SCENIC ROUTE letters 6" tall
- 9" inch reporting marks, 7" car numbers, centered under arched NP
- BUILT BY N.P. BRAINERD SHOPS appears



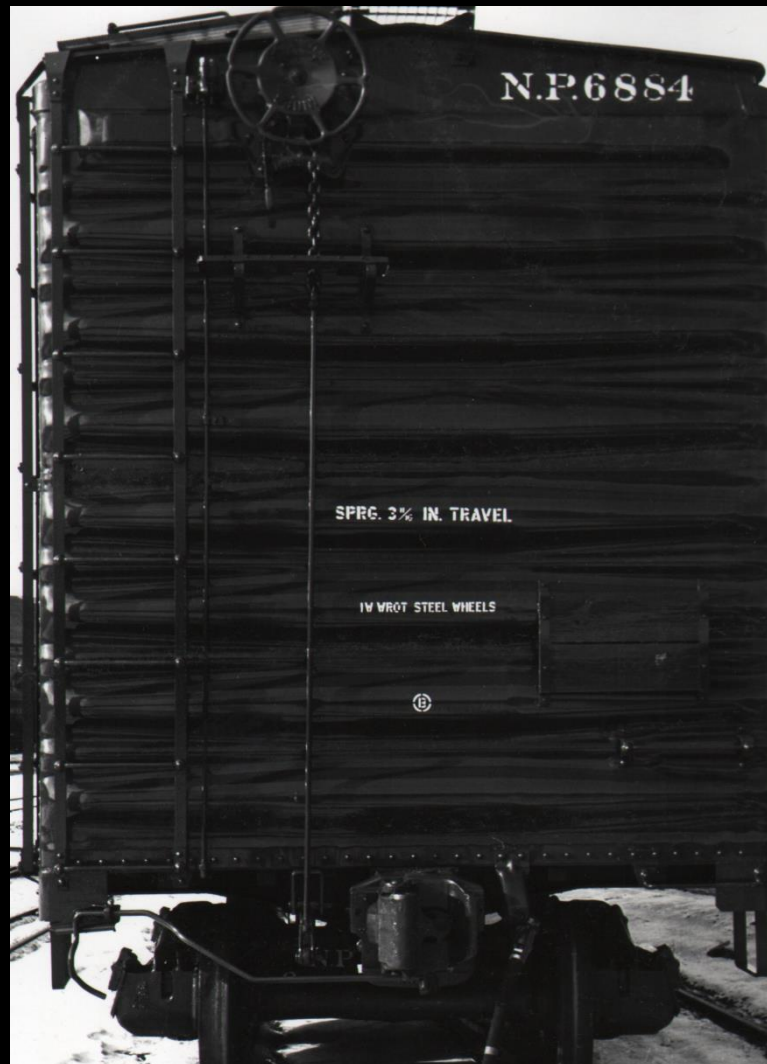
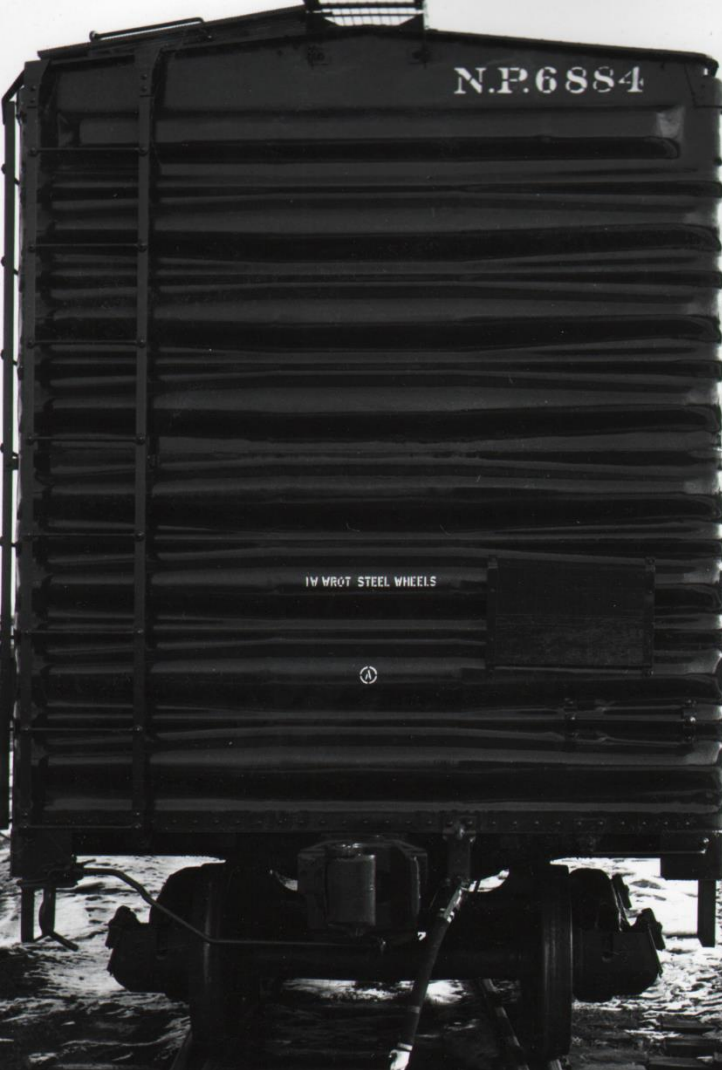
NP 6000-6499
XM Boxcar, 50'
BLT by Brainerd, 1955

- 4" reporting mark and car number
- IW WROT STEEL WHEELS
- A/B on respective ends
- SPRG. 3 11/16 IN. TRAVEL



NP 6500-6999
XM Boxcar, 50'
BLT by Brainerd, 1956-57

- Lots of changes
- New Monad – 96", now with RAILWAY added
- Slightly new slogan, new position given size of Monad
- Gigantic NP initials replace arched NORTHERN PACIFIC, and apparently in lieu of necessary reporting marks
- The NP don't appear to have shadow, but "periods" make a brief appearance
- Journal lubricator text on the side... unusual



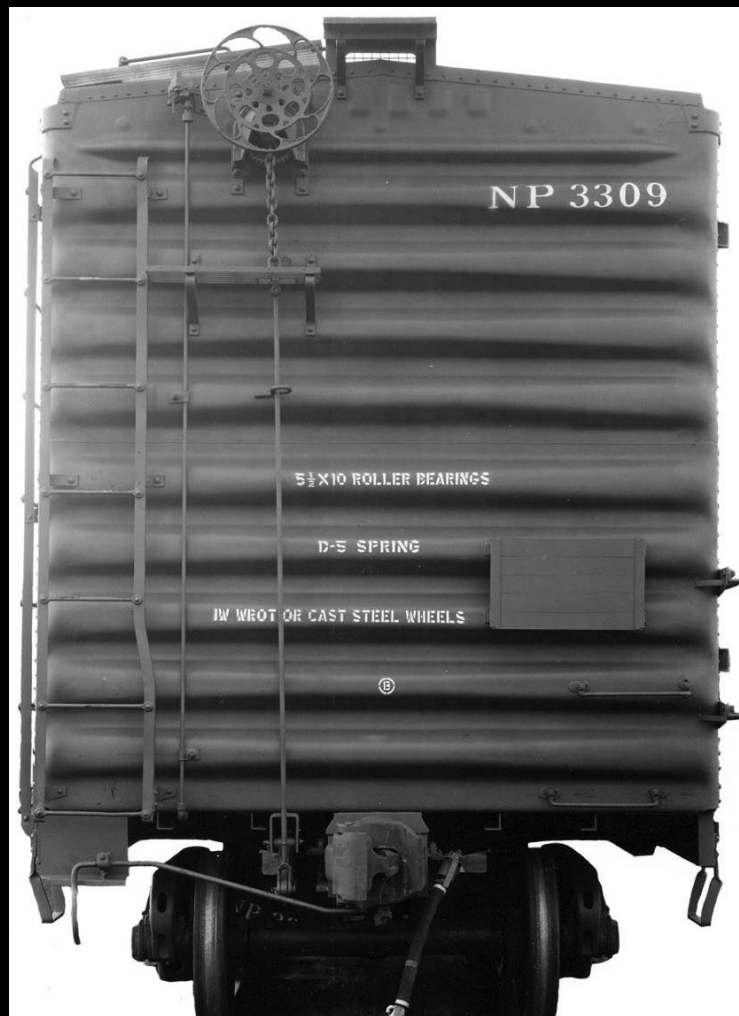
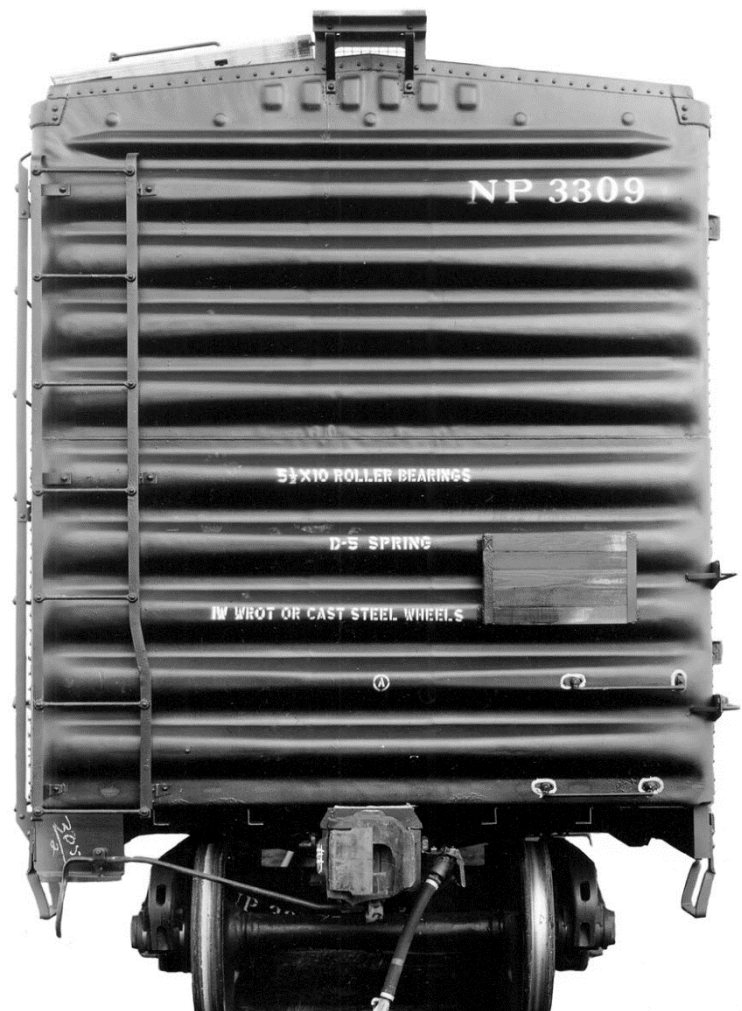
NP 6500-6999
XM Boxcar, 50'
BLT by Brainerd, 1956-57

- 4" reporting mark and car number
- SPRG. 3 11/16 IN. TRAVEL
- IW WROT STEEL WHEELS
- A/B on respective ends
- A pattern sets in...



NP 3000-3399
XM Boxcar, 40'
BLT by Pullman Standard
1960

- “Small” NP Initials, applied only to this car style
- Everything jammed to the ends to accommodate doors
- 2” CLOSE AND LOCK DOOR, other door text is 1”
- Lots of other lettering appears NP standard, even though painted by PS
- 6” ROUTE OF THE VISTA-DOME NORTH COAST LIMITED
- Includes NAILABLE STEEL FLOOR graphic above sill



NP 3000-3399
XM Boxcar, 40'
BLT by Pullman Standard
1960

- **4" reporting marks and car number**

MTM Image



NP 97100-97123
RBL, 50'
BLT by Pacific Car & Foundry
1962

- Chrome Yellow stripe (color borrowed from reefer scheme), kindred spirits
- RBLs – with stripe, somewhat forced the smaller Monad, also SCENIC ROUTE... slogan used
- Arched NORTHERN PACIFIC, with centered reporting mark, car number, etc.
- Car mechanicals – Damage Free logo, and CUSHIONED UNDERFRAME added
- Note the LUB. stencil designates work by P.C.& F. CO.
- ADJUST BREAK HERE, DEFECT CARD HOLDER, builders logo,
- Diamond along the bottom sill indicates Brake Release Rod
- Air reservoir stencil jumps out
- Overall, lots going on...



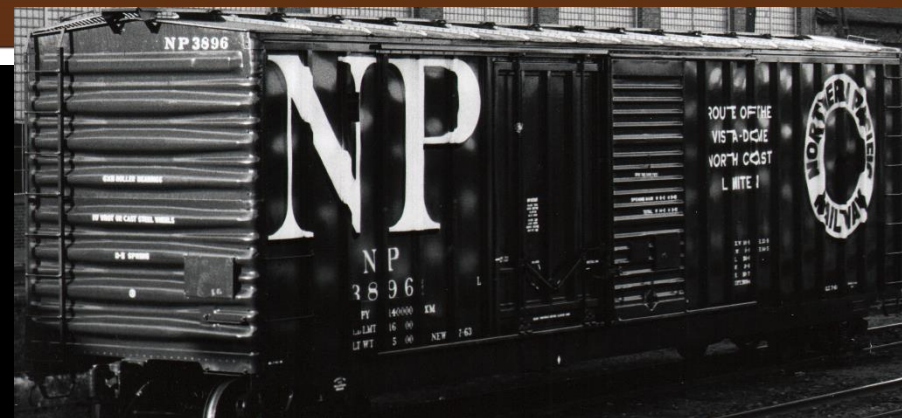
NP 97100-97123

RBL, 50'

**BLT by Pacific Car & Foundry
1962**

- **4" reporting mark and car number, no periods or stencil marks; we are in the 1960s**
- **Rest is PC&F lettering**
- **6 X II ROLLER BEARINGS**
- **IW WROT OR CAST STEEL WHEELS**
- **D - 5 SPRING**
- **A/B on respective ends**

MTM Image



NPRHA Artwork on Canon & Co Instructions

- (Illustration shows ribs, actual car artwork is not spliced like shown)
- 6' NP Initials
- 96" Monad with ROUTE OF THE...
- Lots of 1" door operation text, XM designation
- Lots of other NP standard lettering



NP 5300-5699

Boxcar, 50'

BLT by Brainerd

1966

- (Illustration shows ribs, actual car artwork is not spliced like shown)
- 6' NP Initials
- 96" Monad with MAIN STREET OF THE NORTHWEST
- Damage Free car, so DF logo and XML designation
- Captive service – WHEN EMPTY RETURN TO AGENT N.P. RY. TACOMA WASH.
- Late 1960s - STAY OFF ROOF NO RUNNING BOARD



NP 659994-659999

Boxcar, 40'

**BLT by Pullman Standard
1967**

- 6" NP initials with black drop shadow
- Reporting marks and car number are NP stencils (side and end)
- All the rest of the lettering is PS, not NP



NP 1600-1649
Mechanical Reefer, 51'
BLT by Pacific Car & Foundry
1969

- Pre-merger paint scheme
- Typeface looks like Helvetica, but not exactly like Helvetica
- Other than the Monad, not much traditional NP lettering



NP 1600-1649
Mechanical Reefer, 51'
BLT by Pacific Car & Foundry
1969

- 4" reporting mark and car number
- D-5
- A/B on respective ends



NP 75400-75473
2-Bay Covered Hopper, 38'
BLT by Pullman Standard
1959

- 6.5" NORTHERN PACIFIC, standard on gons and hoppers prior to "billboard" lettering in the 1960s
- 7" reporting marks and car number are NP Gon & Hopper
- Capy and Dimensions –generic, not NP



NP 75600-75624

**3-Bay Covered Hopper, 50'
BLT by Pullman Standard
1959**

- 6.5" NORTHERN PACIFIC, standard on gons and hoppers prior to "billboard" lettering in the 1960s
- 7" reporting marks and car number are NP Gon & Hopper
- Capy and Dimensions –generic, not NP



NP 76000-76119
2-Bay Covered Hopper, 39'
BLT by Pullman Standard
1964

- Jan 1964, and still...
- Reporting marks appear to jump up to 9"
- Boring...



NP 76120-76169

3-Bay Covered Hopper, 53'

BLT by Pullman Standard

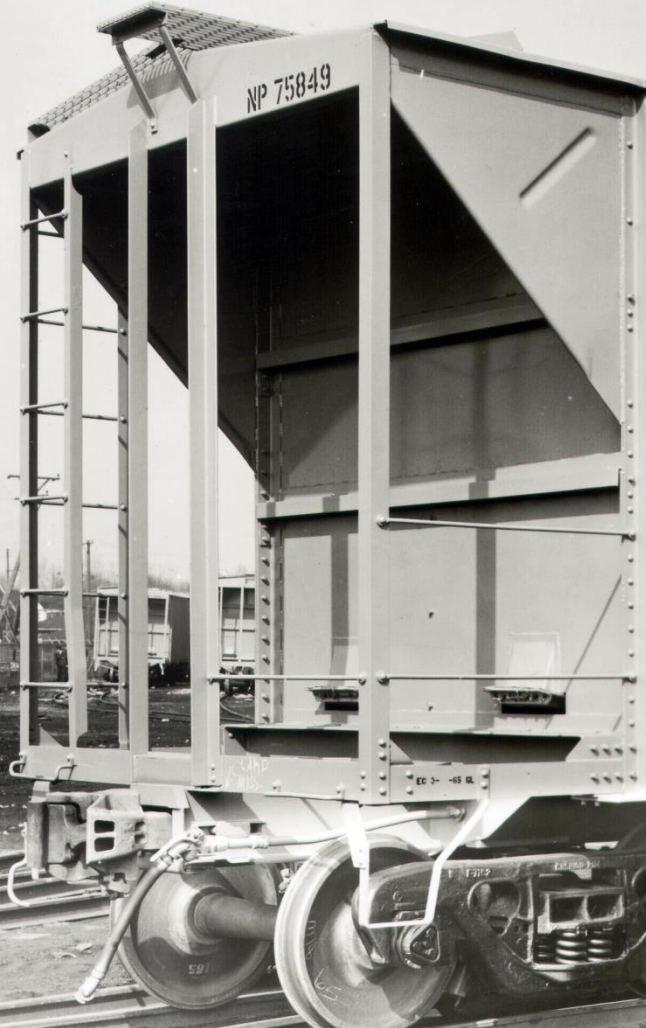
1965

- 18" "Billboard" NORTHERN PACIFIC appears
- 9" reporting mark, 7" car number, a change for hoppers
- Officially adopted late 1964, early 1965. Month?



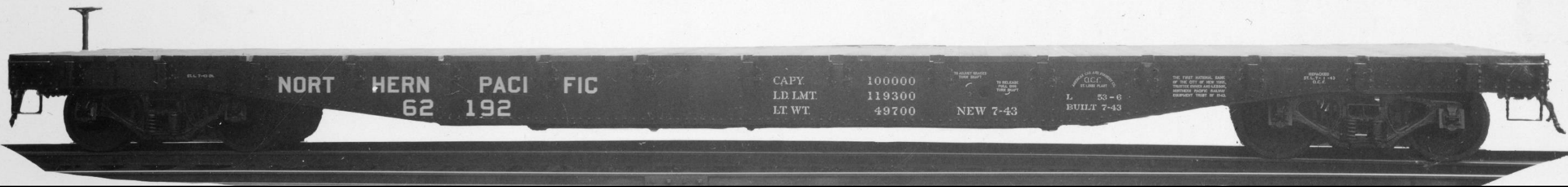
NP 75820-75894
Airslide Covered Hopper, 42'
BLT by GATC
1965

- “Billboard” NORTHERN PACIFIC
- 9” reporting mark, 7” car number
- Reporting marks and road number are more generic “45 cut corner”, not NP stencil
- Capy and Dimensions also generic



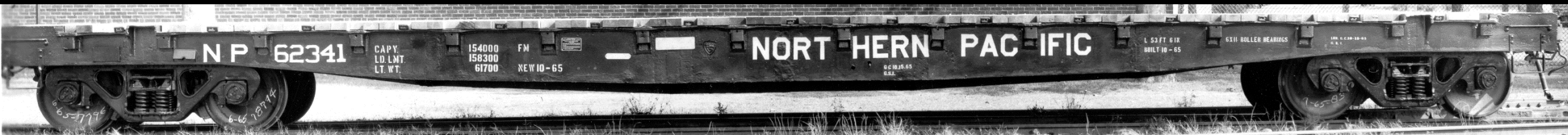
NP 75820-75894 Airslide Covered Hopper, 42' BLT by GATC 1965

- Road Initial and car number are generic or GATC, not NP stencils



NP 62000-62299
Flatcar, 53' 6"
BLT by AC&F
1943

- 6.5" NORTHERN PACIFIC
- Interesting, no reporting marks, just road name
- Car number is NP style
- Capy, Dimensions and other lettering is all AC&F



NP 62300-62494

Flatcar, 53' 6"

**BLT by General Steel Industries
1965**

- 9" NORTHERN PACIFIC
- 7" reporting mark and car number
- Capy, Dimensions and other lettering is all GSI



NP 66100-66249
Flatcar, 60'
BLT by GSI
1969

- Pre-merger scheme
- 9" NORTHERN PACIFIC
- 7" reporting mark and car number
- Capy, Dimensions and other lettering is all GSI



NP 50000-50749
Gondola, 41' 6"
BLT by Brainerd
1949

- 6.5" NORTHERN PACIFIC
- NP reporting marks and car numbers standard NP Gon & Hopper
- Early enough that reporting marks have periods



NP 119165-119214
Woodchip Car, 41'
BLT by ACF or Pressed Steel
1967

- 6.5" NORTHERN PACIFIC
- NP reporting marks and car numbers standard NP Gon & Hopper
- Why the two car numbers on woodchip cars?
- White rectangles on wood extensions, purpose? Safety?



NP 57511-57530
Covered Gondola
BLT by Ortner, 1965
Painted 1965

- Reporting marks, car numbers are NP gondola style
- Size is a bit of a mystery, probably 9" and 7"
- Capy and other lettering – Ortner
- Billboard NORTHER PACIFIC, 18"



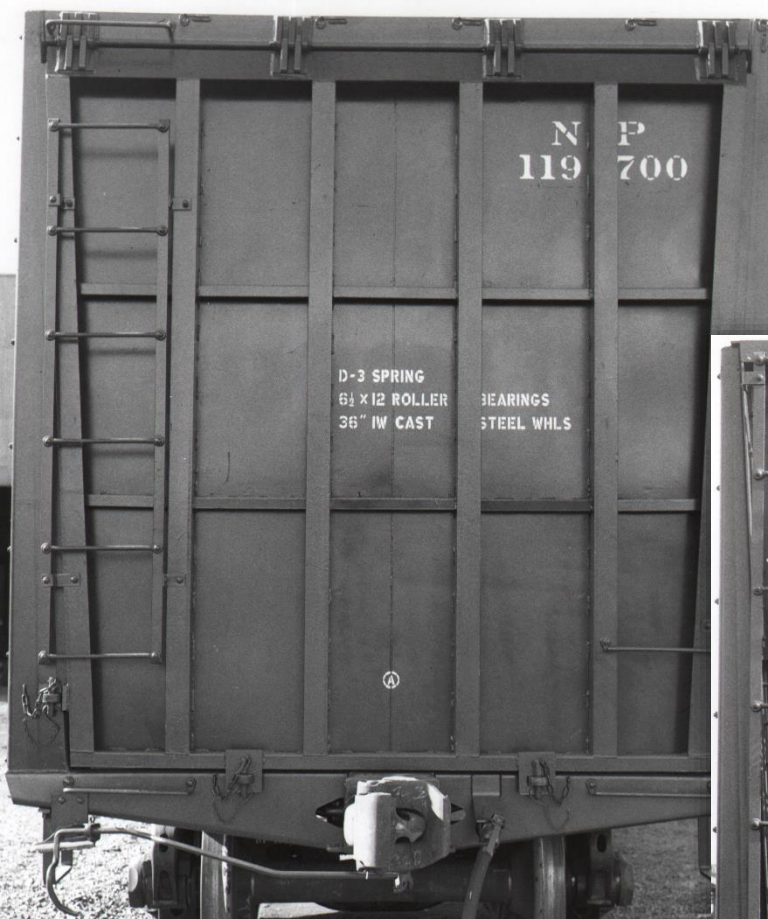
NP 57511-57530
Covered Gondola
BLT by Ortner, 1965
Painted 1965

- 4" reporting mark and number, NP stencil
- Ortner lettering for the rest, not NP



NP 119700-119999
Woodchip Car, 60'
BLT by Gunderson
1967

- “Billboard” NORTHERN PACIFIC – typeface goes as far back as 1890s
- NP gondola reporting marks and car number
- Traditional Capy text, Dimension text
- In some cases, 45 years of service for this paint job, pretty amazing...



NP 119700-119999
Woodchip Car, 60'
BLT by Gunderson
1967

- 4" reporting mark and car number, no periods but WITH stencil marks
- Rest is "generic" stenciling
- D-3 SPRING
- 6½ X 12 ROLLER BEARINGS
- 36" IW CAST STEEL WHLS
- A/B on respective ends



NP 582650-582749
Woodchip Car, 60'
BLT by Gunderson
1969

- “Billboard” NORTHERN PACIFIC – from 67 to 69, switch to “merger” friendly typeface. Similar to “Helvetica”, but not Helvetica
- BN merger friendly typeface for reporting mark, car number, Capy and Dimensional data



NP 582650-582749
Woodchip Car, 60'
BLT by Gunderson
1969

- 4" initial and car number, no periods but WITH stencil marks
- Rest is "generic" stenciling
- D-5 SPRING
- 36" IW WROT STEEL WHLS
- A/B on respective ends



NP 73000-73199

Hopper, 53'

BLT by Pullman Standard

1964

- “Billboard” NORTHERN PACIFIC – from 67 to 69, switch to “merger” friendly typeface. Similar to “Helvetica”, but not Helvetica
- BN merger friendly typeface for reporting marks, car number, Capy and Dimensional data

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	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
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Monad - NORTHERN PACIFIC RAILWAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Arched NORTHERN PACIFIC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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Slogan - MSNW script	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Slogan - SCENIC ROUTE OF...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Slogan - ROUTE OF THE...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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Arched NORTHERN PACIFIC	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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Large "NP" Initials	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Slogan - MSNW script	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Slogan - SCENIC ROUTE OF...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	
Slogan - ROUTE OF THE...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
Slogan - MAIN STREET OF...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	

But what about...

- Stock cars
- Autoracks
- TOFC flats
- Bulkhead flats
- Ore cars
- MOW and work cars
- Ballast cars
- Cabooses
- Locomotives
- MORE Painting & Stenciling Drawings? Anyone?
- Etc...
- I ran out of time and builders photos, will do another one of these someday

Agenda

- The Basics – 5 minutes
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- NORTHERN PACIFIC – 5 minutes
- Slogans – 5 minutes



Monads



Different Monads

- Monads on box cars – 36”, 48”, 60” and 96”
- NORTHERN PACIFIC before 1957
- 1957 and beyond, the RAILWAY is added



1962 40' Combo Door Boxcar

LLL



1966 NP Autorack

OOO



1967 NP Hy-Cube Boxcar

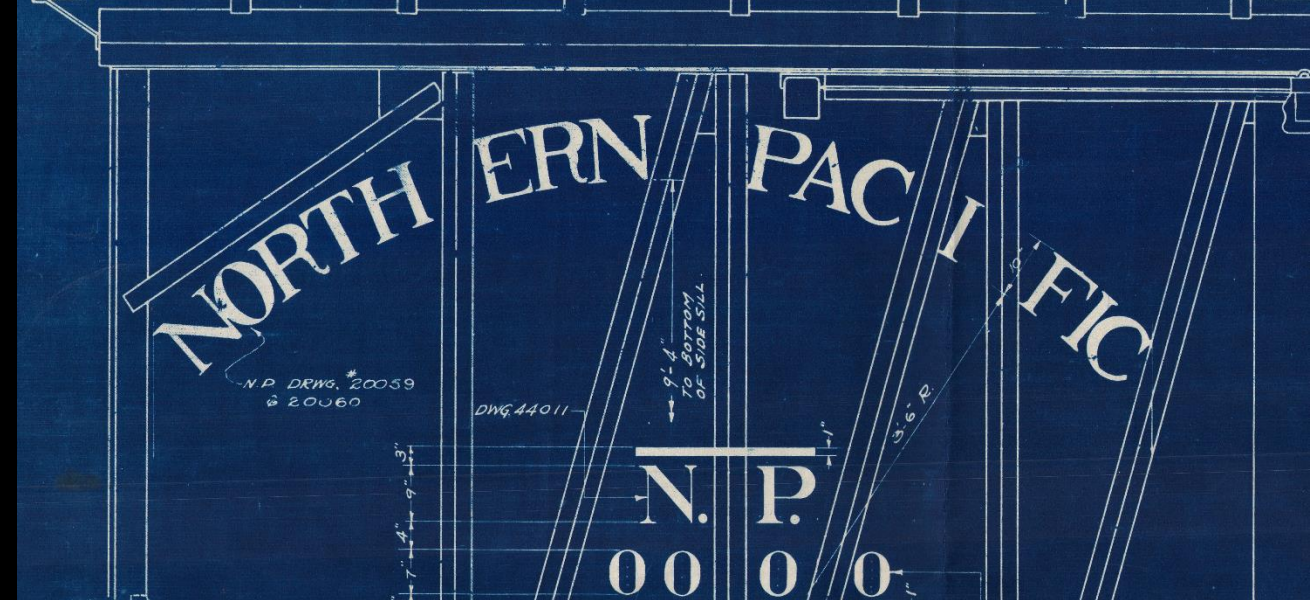
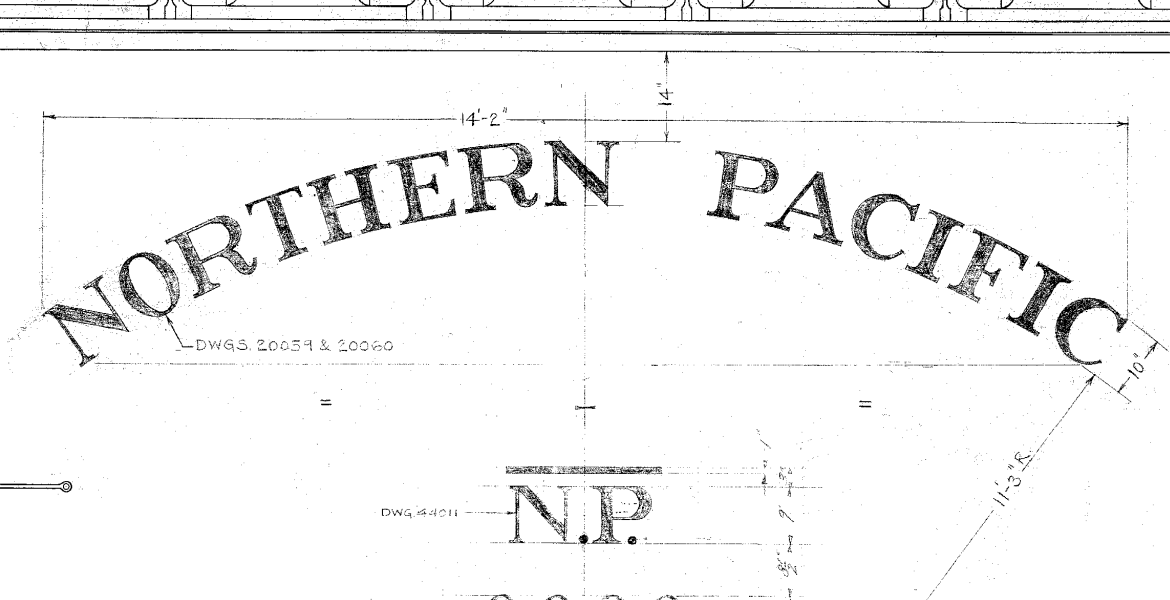
CCC

Differences?

- Are the above Monads identical?
- Slight variations in the red tail of the Monad, shape of the Monad
- Slight variations in almost all letters



NORTHERN PACIFIC



Arched NORTHERN PACIFIC Boxcars, Reefers

- Drawing 20059 and 20060 specified in all drawings I had access to
- Radius varies from 11' 3" on flat/open surface, to 8' 6" on braced car
- Letters 10"
- Creative letter spacing on braced cars – note overlap of P, A and C
- Sure wish we could find drawings 20059 and 20060!

N O R T H E R N P A C I F I C

NORT HERN PACI FIC

NORT HERN PACI FIC

NORTHERN PACIFIC

NORTHERN PACIFIC
Gondolas, Hoppers, Covered
Hoppers, some flats

- 6.5" in height, per drawings
- Lots of different styling, letter spacing
- In these four examples, note the difference in the letter C, upper right corner in second two, compared to first two

The image shows the letters 'NP' in a large, white, serif font. The letters have a thick black outline and a black drop shadow that is offset to the bottom and right, giving them a three-dimensional appearance. They are set against a solid dark red background.

Large Initials

- Large NP initials replaced arched NORTHERN PACIFIC in 1957
- Always has drop shadow, except when there were periods for a short time
- 6' in height
- Smaller initials and staggered on 40' Combo-door Boxcar



**“Billboard” NORTHERN PACIFIC
Appears 1965**



- 18” height
- Three styles, maybe more
- Hoppers, gondolas, covered hoppers, others?





Slogans

Main Street of the Northwest

Main Street of the Northwest
(script)

- Drawing 51442
- 8" tall, 11' 1" wide, centered under Monad on boxcars

SCENIC ROUTE OF THE VISTA-DOME NORTH COAST LIMITED

**SCENIC
ROUTE
OF THE
VISTA-DOME NORTH COAST LIMITED**

- Drawing 56856
- Appears 1955
- 6" tall letters, centered under Monad on boxcars

ROUTE OF THE VISTA-DOME NORTH COAST LIMITED

**ROUTE OF THE
VISTA-DOME
NORTH COAST
LIMITED**

- Drawing ??
- Appears 1957
- 6" tall letters, to the left side of Monad

MAIN STREET OF THE NORTHWEST

**MAIN STREET
OF THE
NORTHWEST**

- Drawing ??
- Appears 1966
- 6" tall letters, to the left side of Monad

End

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