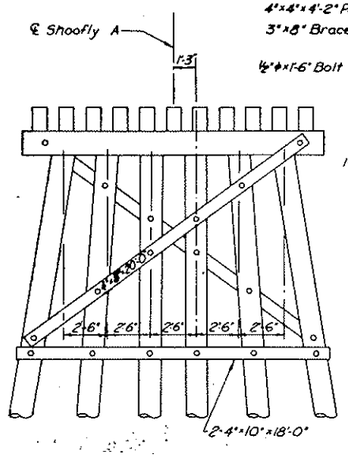
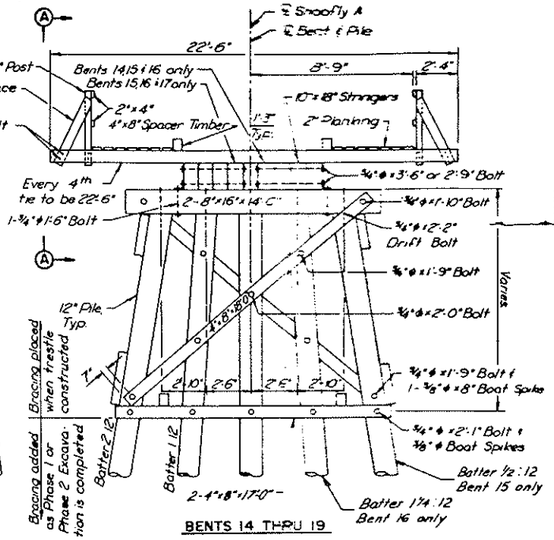
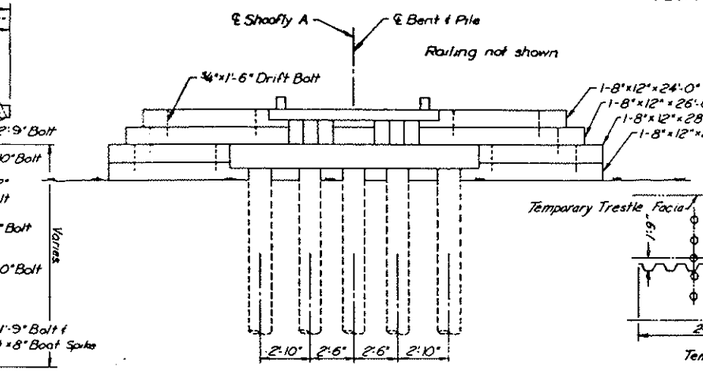
BRIDGE CODE	R.R. BRIDGE NO	FED ROAD DIST NO	STATE	PROJ NO	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	199	8	N D	BRG-1-010 (051) 917		65	



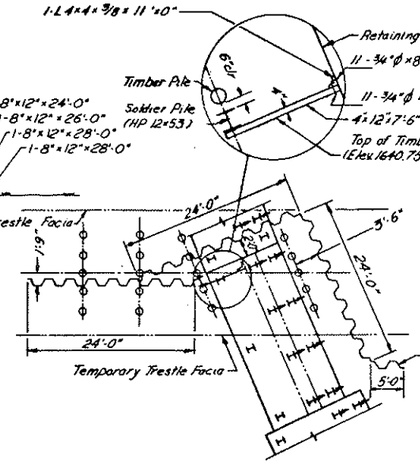
BENT 12



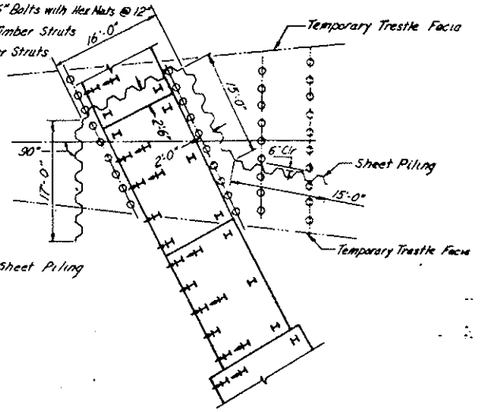
BENTS 14 THRU 19



BENT 20

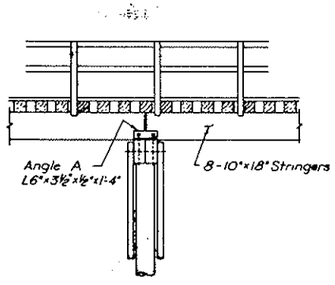


SHEET PILING LAYOUT
WEST RETAINING WALL
Scale: 1"=10'-0"

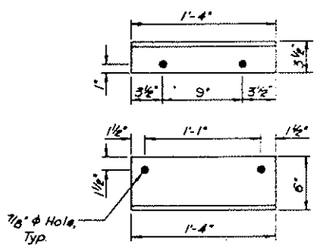


SHEET PILING LAYOUT
EAST RETAINING WALL
Scale: 1"=10'-0"

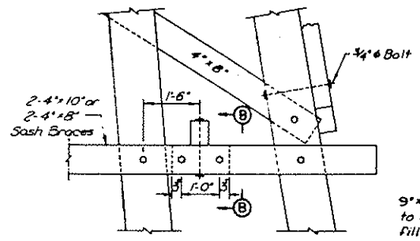
Note: All holes in 6"x8" Long Strut shall be bored in Field.



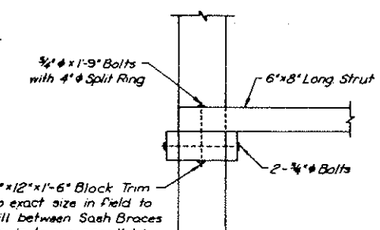
VIEW A-A
Scale: ¼"=1'-0"



ANGLE A
Scale: 1½"=1'-0"



PART ELEVATION
No Scale



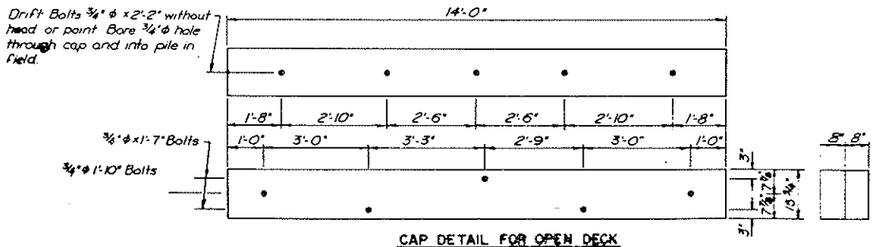
SECTION B-B
No Scale

Notes:
Each 4 x 12 timber shall be bolted to the L4 x 4 x ⅜ with one ¾" ϕ x 6" Bolt with Hex. nut and washer.

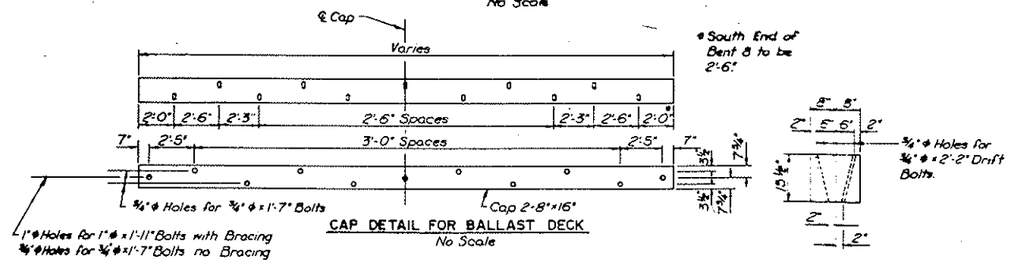
Sheet Piling shall be Regular Carbon Grade Steel, Type MZ 32. Sheet piling shall be driven to a minimum elevation of 1611.75 for the East Retaining Wall and 1612.75 for the West Retaining Wall. Minimum top elevation for the sheet piling shall be 1641.50 for the East Retaining Wall and 1642.5 for the West Retaining Wall.

The Soldier Pile shall be an HP 12 x 53 and shall be driven to an elevation of 1600.

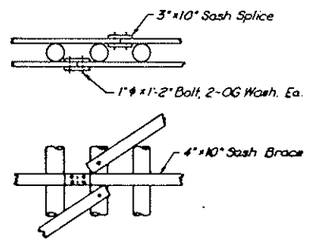
Sheet piling within the area of the footing may at Contractors option be left in place and cut off 6" below bottom of footing. All other sheet piling and soldier piles shall be removed.



CAP DETAIL FOR OPEN DECK
No Scale



CAP DETAIL FOR BALLAST DECK
No Scale



SASH DETAILS
No Scale

BENT	TOP OF TIE ELEV.	BOTTOM OF PREBORING ELEV.
1	1652.04	1645.50
2	1652.13	1644.00
3	1652.22	1641.00
4	1652.31	1632.50
5	1652.36	1627.50
6	1652.41	1626.50
7	1652.47*	1626.50
8	1652.56*	1626.50
9	1652.64	1630.50
10	1652.73	1636.50
11	1652.82	1636.50
12	1652.92	1636.50
13	1653.01	1636.50
14	1653.10	1633.50
15	1653.17*	1627.50
16	1653.27*	1627.50
17	1653.33	1632.50
18	1653.38	1638.00
19	1653.47	1643.50
20	1653.55	1643.50

* Elevation at ℄ Shoofly A only

QUANTITIES

BENT DETAILS
(SHEET 2 OF 2)
TRESTLE
BURLINGTON NORTHERN, INC.
RAILWAY UNDERPASSES

U.S. HIGHWAY NO. 10
MORTON COUNTY

10-916.95-42