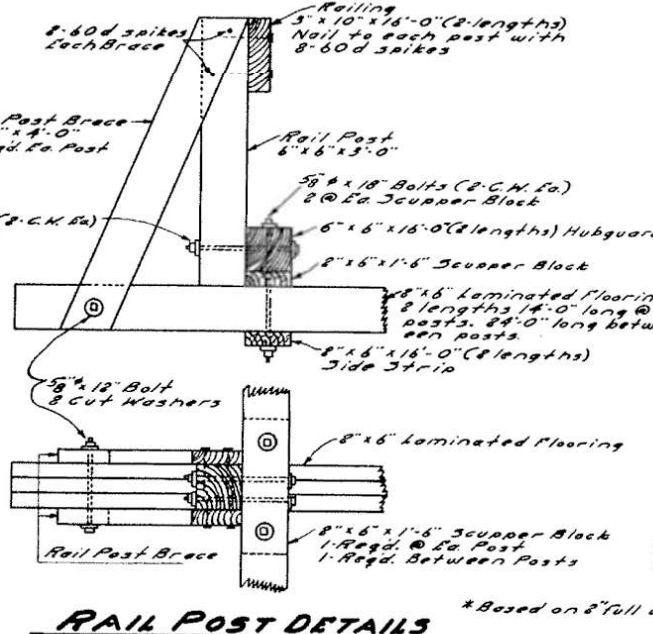
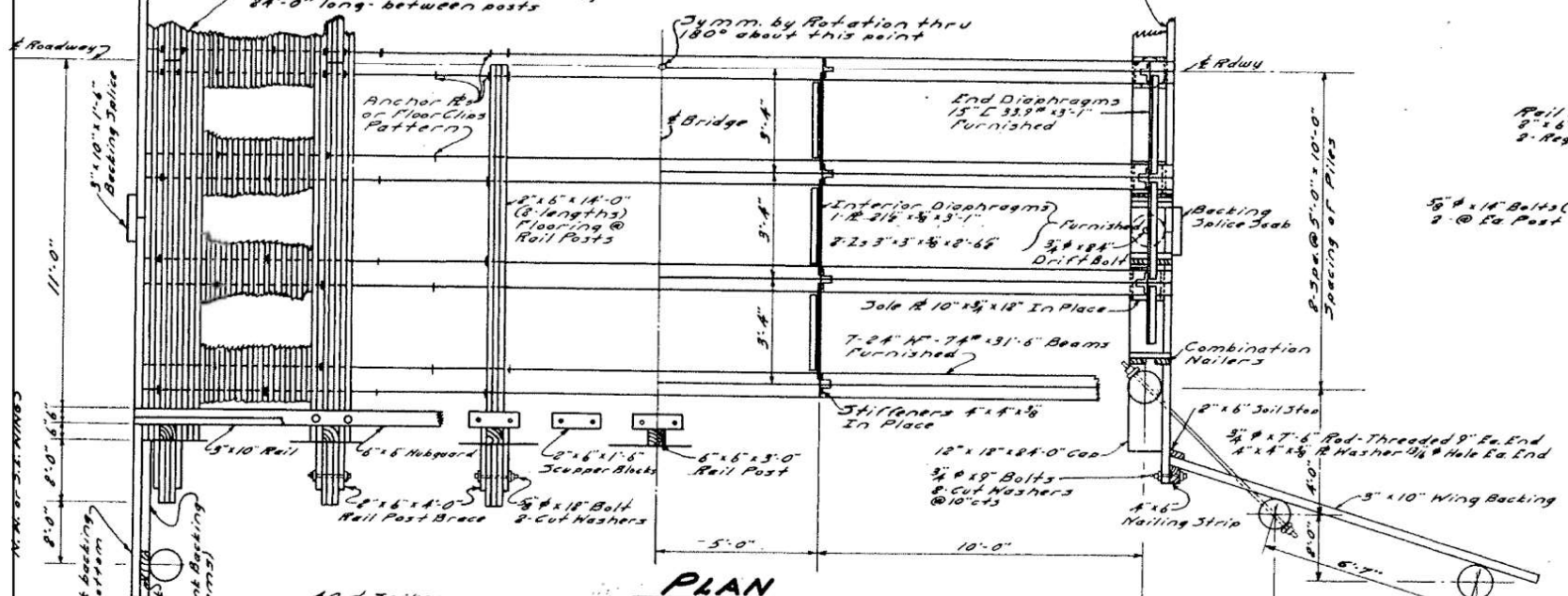
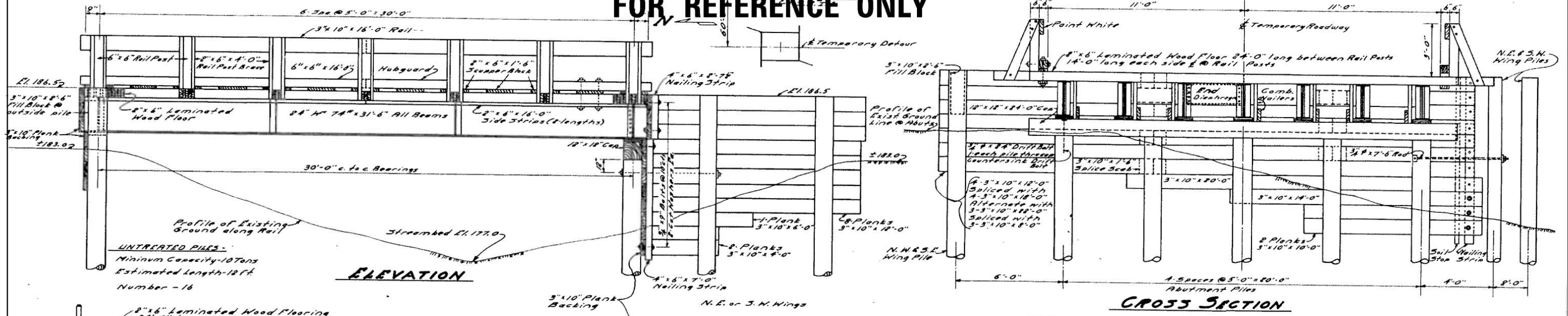
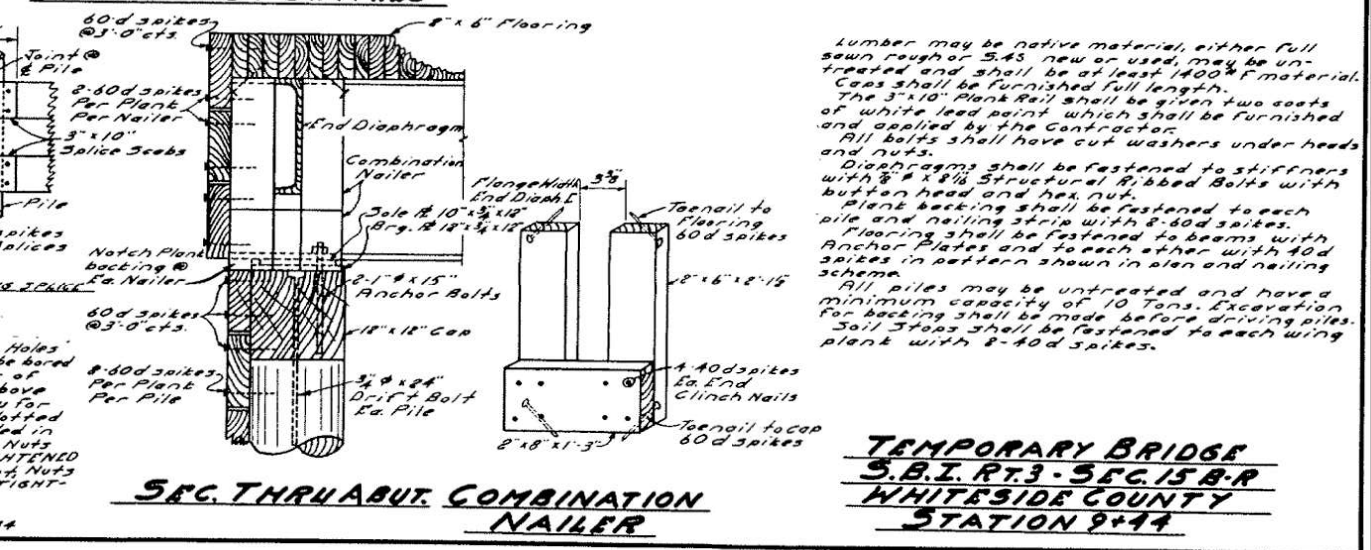
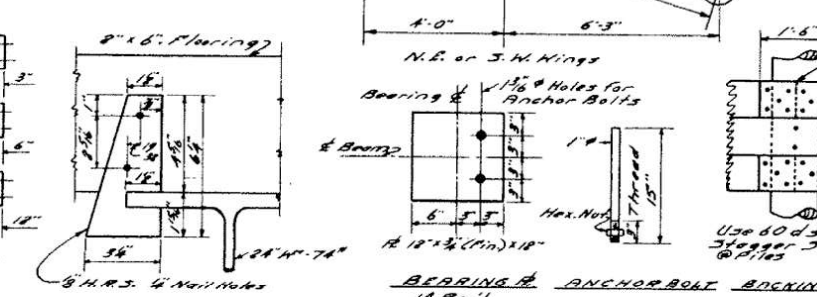
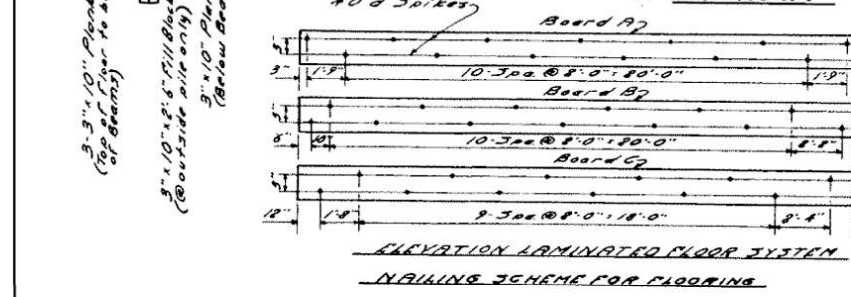


STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS  
**FOR REFERENCE ONLY**

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3	15 BR	Whiteside	27	25
SHEET NO. 9 8 SHEETS				



BILL OF LUMBER			BILL OF HARDWARE		
No. of Pieces	SIZE	LENGTH	PURPOSE	No. of Pieces	ITEM
2	18" x 18"	24'-0"	Pile Caps	2	Rods
4	6" x 6"	18'-0"	Hub Guard	4	Plate Washers
14	6" x 6"	3'-0"	Rail Posts	4	Nuts
6	3" x 10"	22'-0"	Abut Backing	22	Bolts
8	3" x 10"	20'-0"	"	44	Cut Washers
8	3" x 10"	18'-0"	"	14	Bolts
8	3" x 10"	14'-0"	"	28	Bolts
8	3" x 10"	18'-0"	"	52	Bolts
4	3" x 10"	10'-0"	"	108	Cut Washers
6	3" x 10"	8'-0"	"	10	Drift Bolts
16	3" x 10"	12'-0"	Wing Backing	28	Anchor Bolts
2	3" x 10"	6'-0"	"	28	Hex. Nuts
4	3" x 10"	4'-0"	"	14	Bearing Bz.
4	3" x 10"	16'-0"	Rail	172	Anchor Bz.
14	3" x 10"	18'-0"	Splice Sees	5160	Spikes
2	3" x 10"	6'-0"	"	750	"
4	3" x 10"	4'-0"	"	890	Structural Rib Bolts
2	4" x 6"	7'-0"	Neiling Strips	290	Hex. Nuts
2	4" x 6"	7'-0"	"		
2	8" x 6"	7'-0"	Soil Stops		
2	8" x 6"	8'-0"	"		
28	8" x 6"	4'-0"	Rail Post Brace		
28	8" x 6"	1'-6"	Scupper Blocks		
4	8" x 6"	18'-0"	Side Strips		
28	8" x 6"	8'-12"	Comb. Nailers		
14	8" x 6"	1'-3"	"		
168	8" x 6"	24'-0"	Laminated Floor		
42	8" x 6"	14'-0"	"		



DESIGNED *Joseph J. Rimsay*  
CHECKED *W. E. Hancock*  
DRAWN *J. J. Rimsay C. Pulley*  
CHECKED *J. J. Rimsay*

EXAMINED *W. E. Hancock*  
PASSED *C. E. Stewart*  
APPROVED *J. N. Barber*

July 10 1953  
ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES  
CHIEF HIGHWAY ENGINEER

**ANCHOR BOLT**  
Anchor Plates shall be Stanley No. 9830-108 or equal and fastened with 40d spikes. Laminated flooring shall be secured to every I-Beam with Anchor Bz., alternating each side of beam at every tenth (10th) floor board in pattern shown. Where 8 lengths of floor boards are used as in boards covering rail posts, the boards shall be but jointed at I-Beam and Anchor Bz. used on each side of beam.

**COMBINATION NAILER**  
Not greater than 1/8" shall be bored in cap for Anchor Bolts. Top of Anchor Bolts shall be set 3" above top of bearing plates. To allow for expansion and contraction, slotted holes 1/8" x 1/8" have been provided in Sole Plates. At one Abutment, Nuts on Anchor Bolts shall be TIGHTENED securely. At other Abutment, Nuts shall be run down but NOT TIGHTENED.

**TEMPORARY BRIDGE**  
S.B.I. RT. 3-56C. 15B-R  
WHITESIDE COUNTY  
STATION 9+44

Lumber may be native material, either full sawn rough or S&S, new or used, may be untreated and shall be at least 1400°F material. Caps shall be furnished full length. The 3" x 10" Plank Rail shall be given two coats of white lead paint which shall be furnished and applied by the Contractor. All bolts shall have cut washers under heads and nuts. Diaphragms shall be fastened to stiffeners with 3/8" x 8 1/2" Structural Ribbed Bolts with button head and hex nut. Floor backing shall be fastened to each pile and nailing strips with 8-60d spikes. Flooring shall be fastened to beams with Anchor Plates and to each other with 40d spikes in pattern shown in plan and nailing scheme. All piles may be untreated and have a minimum capacity of 10 Tons. Excavation for backing shall be made before driving piles. Soil stops shall be fastened to each wing plank with 8-40d spikes.