9 1 E
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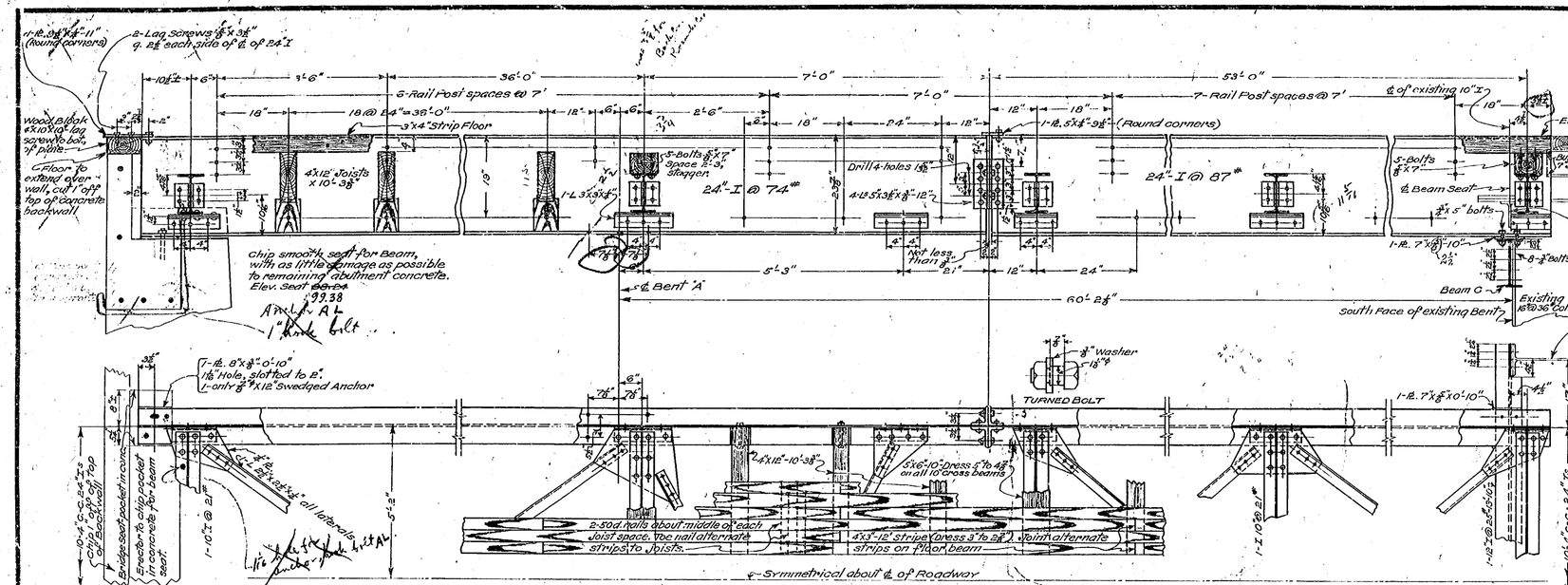

STRUCTURAL STEEL DETAILS

SCHEDULE OF REINFORCING STEEL

MARK	SIZE	No.	LENGTH	LOCATION	BENDING DIAGRAM
B1	1" ℄	8	3'-6"	Str. Bent "A"	
B2	1" ℄	4	17'-2"	Bent	Rad.=2" 15'-3" B2
B3	5/8" ℄	10	5'-2"	"	" "A"
					Rad.=1" 4'-6" B3

LUMBER LIST

No. Pcs	Stock	Finish	Location
380	4"x 3"-12'-0"	3" to 2 3/4"	Floor
42	4"x 12"-10'-6"		Joists
9	5"x 8"-10'-6"	5" to 4 3/4"	Bolsters
5	4"x 6"-12'-0"		Joist Blocks
1	4"x 10"-8'-0"		Abutment Blocks
16	4"x 8"-14'-0"	D48	Wheel Guard
3	2"x 6"-14'-0"	D48	Wheel Guard Splices

GENERAL NOTE:

Roadway 12'-0". Capacity 10 ton trucks.
Specifications: Virginia Department of Highways, Bridge Specifications 1932.
Concrete, Class "A".
Lumber, White Oak.
Structural Steel Order comprises Bent "A" with 3" and 2" rods, nuts and washers, new steel at Top of Bent "B" and all superstructure steel indicated, include all bolts for holes in steel, and 3" rods R1 and R2 (omit 14"x 24" anchors and pier base reinforcing).
Bolts and rivets 3/4" unless noted. Holes 13/16" unless noted.
Field connections bolted.

ESTIMATED QUANTITIES

Concrete cu. yds. Class "A"	Struct. Steel Pounds	Reinf. Steel Pounds	F.B.M. Lumber
13.0	26,800	440	7 M.

Drawn by: W.G.A.
Traced by: W.A.C.
Checked by: W.A.

Use with LXXVI-4 for Compasture, 627, Bath.

(658)

Use with LXXVI-5 for Compasture, 616, Highland.

Virginia Department of Highways
Office of the Bridge Engineer
Richmond, Va. August 11, 1937.

PROPOSED REPLACEMENT OF WRECKED 100' PORTION OF DAVENPORT BRIDGE OVER NORTH ANNA RIVER
ROUTE C-658 -- HANOVER - SPOTSYLVANIA COUNTIES

According to bridge inventory card, this replacement was done in 1943. 2-3-70 EPM

Use with LXXVIII-14 for Smith Creek, 620, Shenandoah.

Scale 1" = 1/8", 1/4", 3/8", 1/2", 3/4" = 1'-0"

Revised September 23, 1937.
Revised September 8, 1937.

1 of 1

LXVIII-17