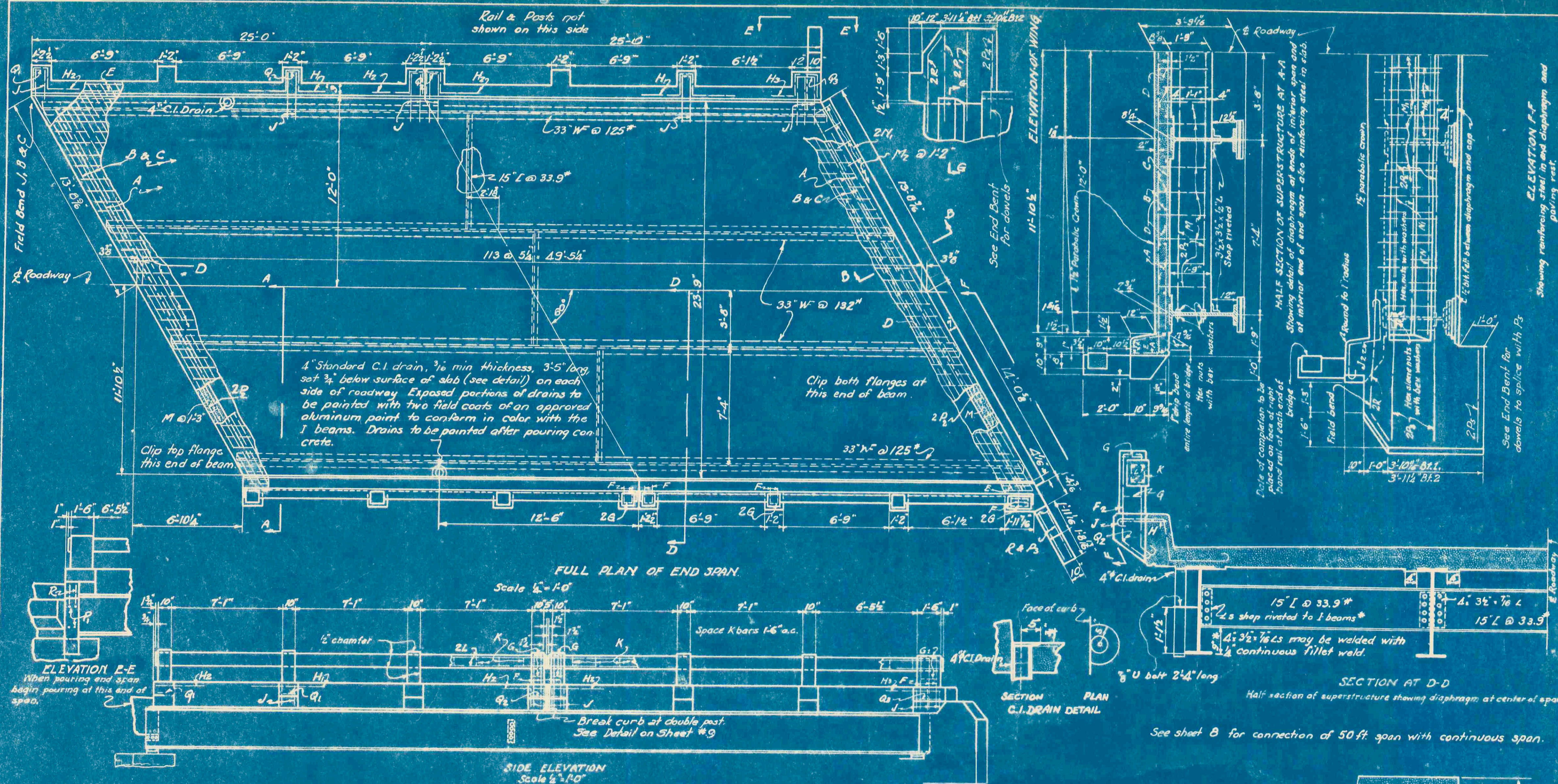
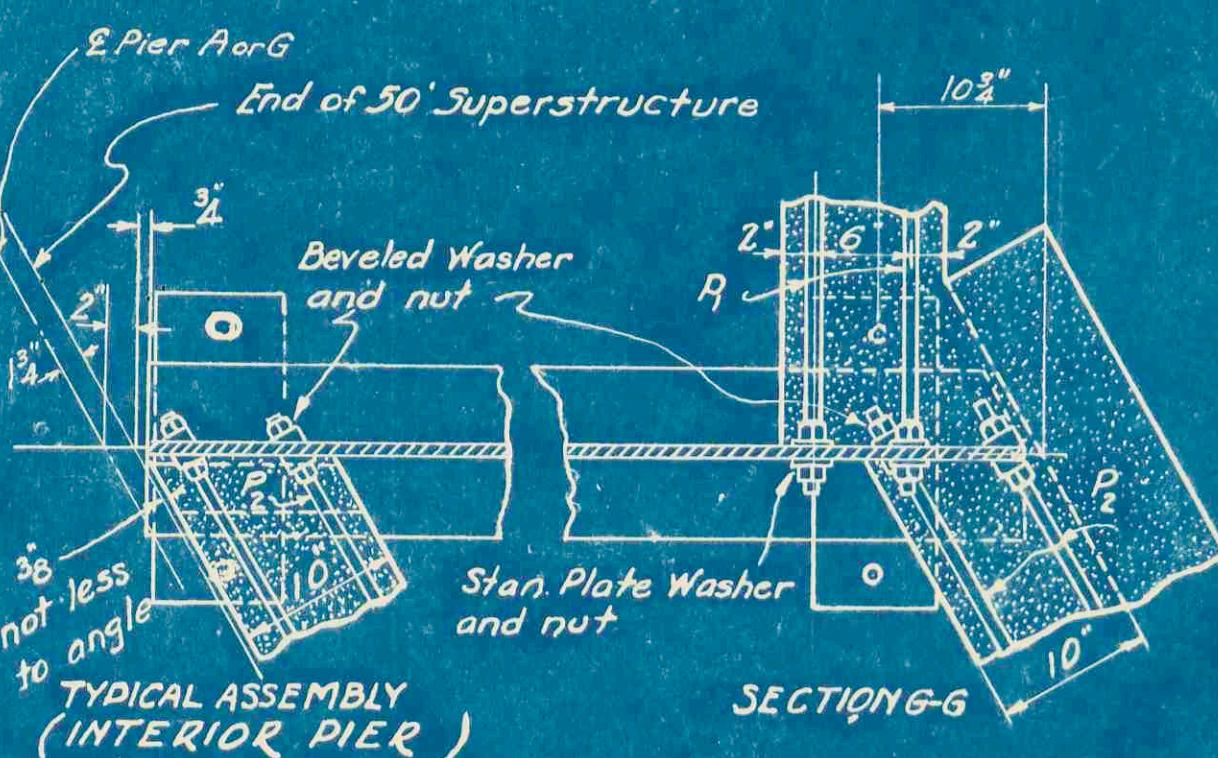
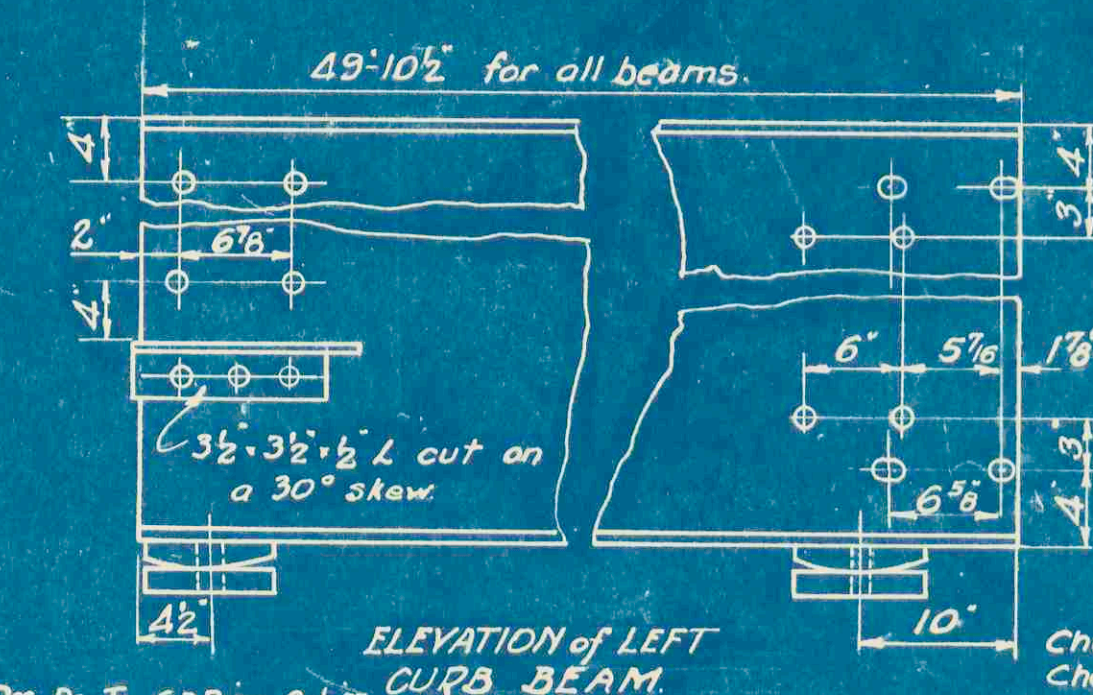
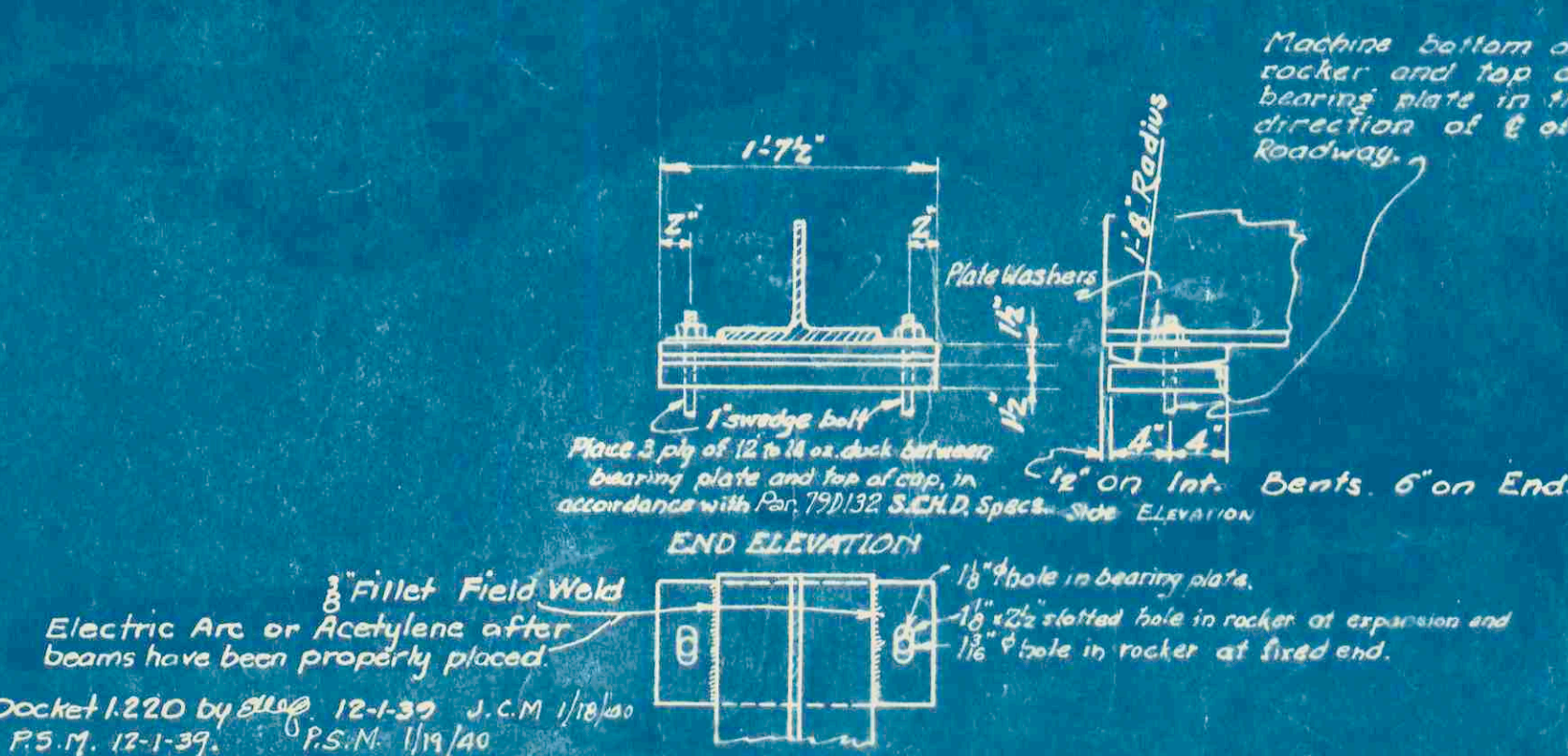
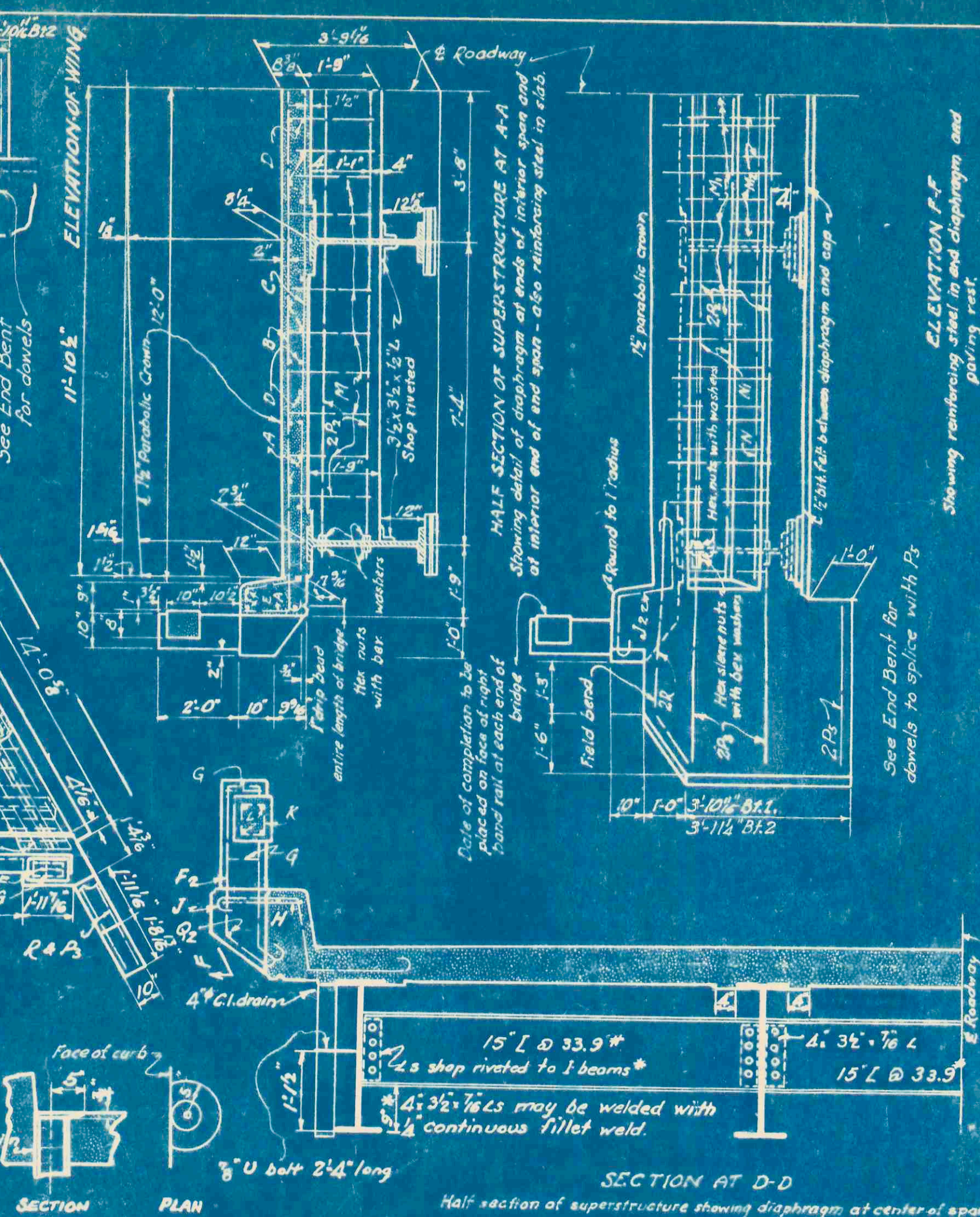
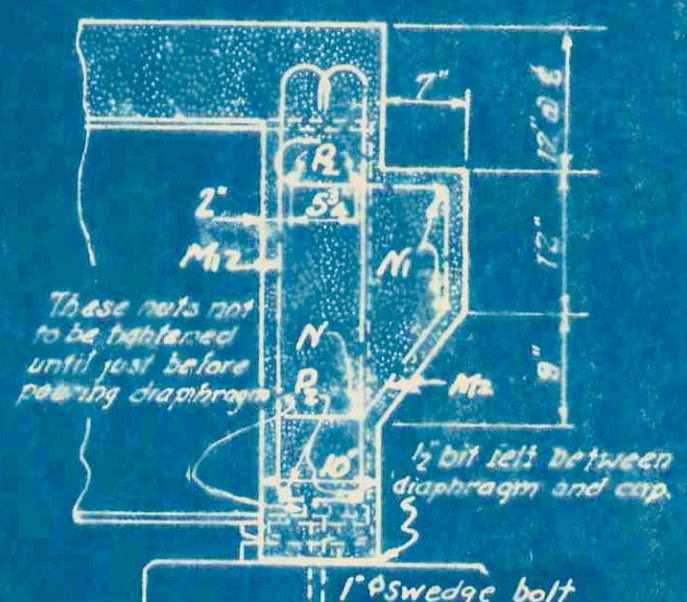


GENERAL NOTES:

All concrete to be Class A. Diaphragms, wings, curbs, brackets and pavement rest shall be poured monolithic with slab. The roadway slab shall be finished in accordance with FOTD24 of the specifications. Exposed edges to be chamfered 1/2" x 3/4". All structural steel to be unpainted before leaving the shop. Paint shall be applied in accordance with Section 702 of the specifications except that the shop painting shall be applied in the field. All coats of paint shall be applied to that portion of steel coming in contact with concrete before concrete is poured. All rivets to be 3". All holes for rivets to be punched to 1/8" diam. Holes for reinforcing bars may be burned in the field. All costs of furnishing and placing U-bolts for drains shall be included in the unit price bid for Class A Concrete.

FED. ROAD DIST. NO.	STATE	COUNTY	S. C. DECRET	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	ABBEVILLE	1220	184	7	9

E-50 ¹ END SPANS				
Reinforcing Steel				
Member	No.	Size	Length	
SB	114	5/8"	3'-9"	2
SB	114	5/8"	30'-5"	3
SC	113	5/8"	3'-9"	3
SE	164	5/8"	25'-10"	3
SE	16	1/2"	24'-8"	3
SE	68	5/8"	6'-7"	3
SE	56	Midline	2'-11"	3
SG1	8	2wire	4'-3"	3
SH1	16	5/8"	9'-8"	3
SH3	12	1/2"	6'-9"	3
SH5	12	5/8"	7'-4"	3
SV	68	5/8"	5'-5"	3
SK	120	2wire	2'-10"	3
SL	32	5/8"	24'-7"	3
SM	36	5/8"	4'-11"	3
SM	55	5/8"	7'-5"	3
SM2	48	5/8"	3'-11"	3
SN	6	5/8"	8'-0"	5
SN1	4	5/8"	27'-6"	3
SP3	8	5/8"	6'-5"	3
SP3	8	3/4"	23'-10"	5
SP3	12	3/4"	8'-0"	5
SP3	20	5/8"	8'-11"	5
SP3	4	5/8"	2'-8"	5
SP3	4	5/8"	11'-7"	5
SP3	4	5/8"	5'-4"	5

Structural Steel

No.	Description	Size	Lb.
12	1/4" x 3/8" x 12' 1/2"	3/4	10.6
12	3/4" x 3/8" x 11' 1/2"	3/4	12.0
4	3/8" x 1/2" x 9' 10"	3/4	1.8
4	3/8" x 1/2" x 19' 10"	3/4	3.6
6	1/2" x 3/8" x 7' 2"	1	5.5
16	1/2" x 1/4" x 6' 6"	1	5.5
16	1/2" x 1/4" x 6' 6"	1	5.5
240	Rivet Heads 3/4"		
32	Swage Collar 1/4"		
32	Standard R. washers		

HARDWARE

No.	Description	Size	Lb.
12	Hex Nuts	3/4	10.6
8	Hex Sleeve Nuts	3/4	12.0
16	Std. Pl. Washers	3/4	1.8
64	Beveled Washers	1"	5.5

DESIGN DATA: A.A.S.H.O. 1993 H-15 Loading, $f'_c = 9000 \text{ psi}$
 f_s (Structural Steel) = 18,000 psi
 f_s (Reinforcing Steel) = 16,000 psi , $n = 7$

S. C. STATE HIGHWAY DEPARTMENT
COLUMBIA, S. C.
DETAILS OF SOFT SPANS
OVER

DOCKET No. 1220 ABBEVILLE COUNTY
ROUTE No. 184 DECEMBER 1939

Scale as shown.