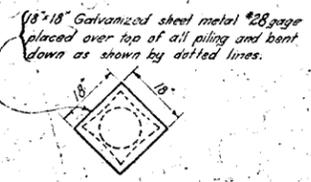
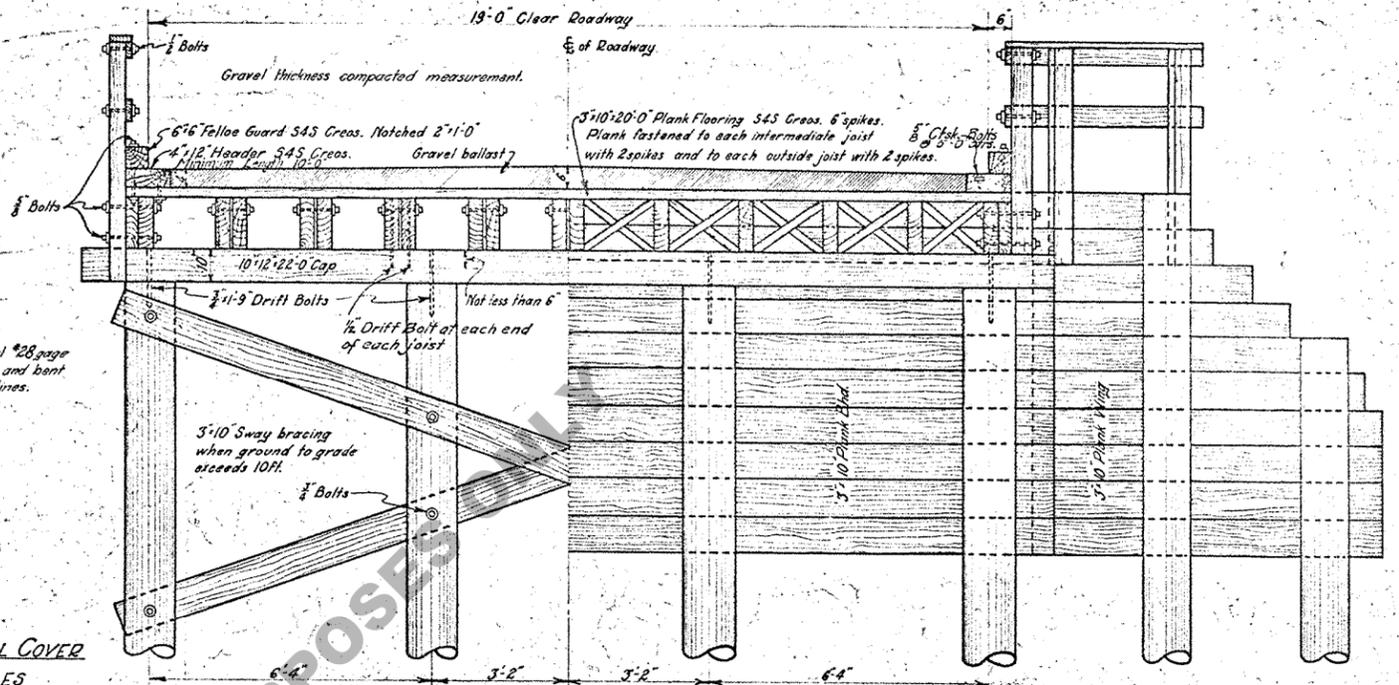


PART ELEVATION

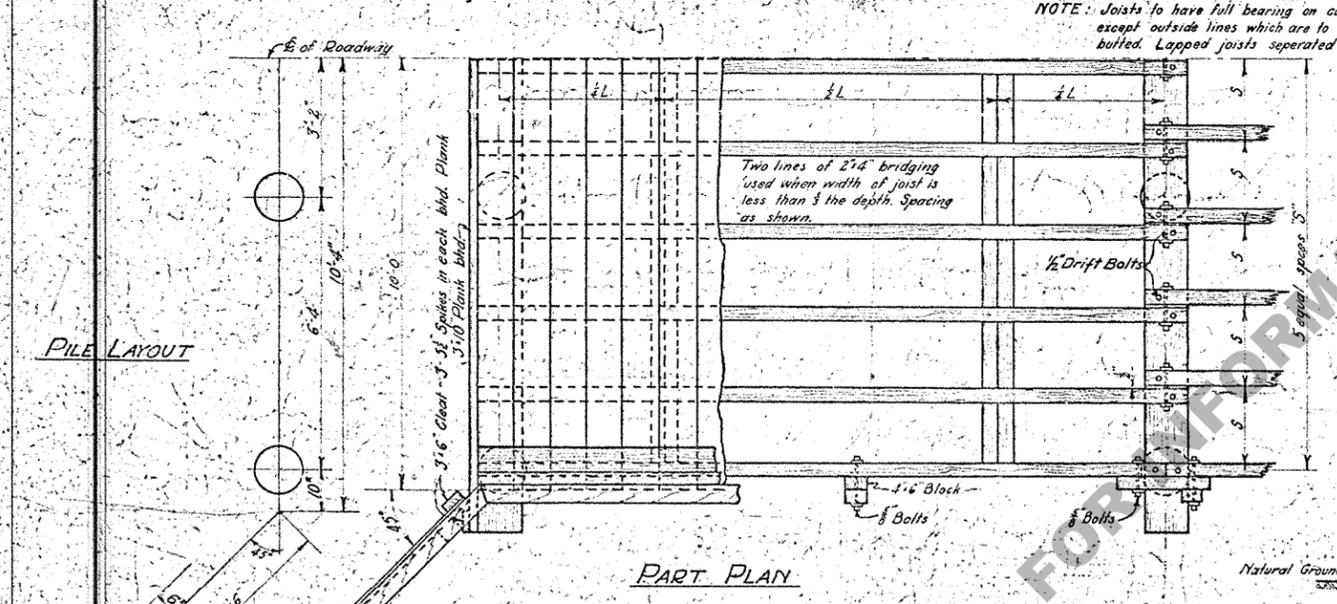


DETAIL OF SHEET METAL COVER OVER TOPS OF ALL PILES



HALF SECTION-AA

HALF SECTION-BB



PART PLAN

GENERAL NOTES: All structural timbers to be of Southern Yellow Pine. All piles and all timbers except hand railing and hand-rail posts to be dense and creosoted standard 12 empty cell treatment, all other to be untreated S&S, 90% heart. All piles to be straight sound trees peeled and creosoted. Diameter two feet from butt shall be not less than 12" and diameter of tip shall not be less than 8". Each pile shall have a bearing capacity of 10 tons as determined by the following formulae: when drop hammer is used $P = \frac{W \cdot H}{S}$, when steam hammer is used $P = \frac{W \cdot H}{S}$. P = safe bearing capacity of pile in pounds. W = weight of striking part of hammer in pounds. H = fall of hammer in feet. S = average penetration in inches for each of last 5 blows of drop hammer or last 20 blows of steam hammer. Piles shall have a minimum penetration of 12 ft. in firm material and 20 ft. in soft material. Hand rail shall be painted two coats of white lead and linseed oil. Complete permanent records of each structure as built should be made showing pile lengths, penetrations, pile driving data and any modifications of this design. Washers to be edge type cast iron for 3/8" bolts and cut wrought iron for 3 bolts.

BULKHEAD (ONE) INCLUDING WINGS TO GRADE LUMBER SPIKES

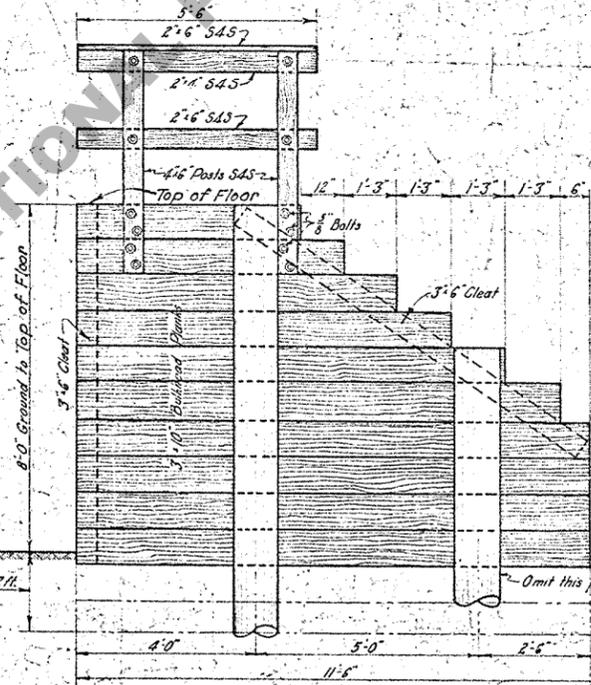
No. of Piles	FEET	F.B.M. Pounds
3	1	283
5	2	504
6	3	625
7	4	745
8	5	863
9	6	980
10	7	1098
12	8	1332

Untreated Lbr. 69 F.B.M.

DIMENSIONS AND QUANTITIES FOR SUPERSTRUCTURE

PANEL SIZE LENGTH OF L JOISTS FEET	ONE PANEL COMPLETE		ADDITIONAL PANEL		HARDWARE (lbs.)
	UNTR. CREOS. LUMBER	GRAVEL BALLAST	UNTR. CREOS. LUMBER	GRAVEL BALLAST	
11	4x12	119	1898	3.5	99
13	4x14	132	2267	4.0	110
15	4x14	142	2549	4.6	121
17	6x14	172	3197	5.1	151
19	6x14	183	3529	5.7	161
21	6x16	196	4055	6.3	174
23	6x16	226	4415	6.8	205
25	6x16	237	4719	7.4	215

10 TON CAPACITY



DETAIL OF WING View Normal To Face

SWAY BRACING

GRADE SETS	LENGTH	LUMBER BOLTS
10	1	24 120 40
10-15	1	26 150 40
15-19	2	22&24 230 70
19-23	2	24 240 70
23-26	2	26 260 70

Handwritten notes: "T.T. 18 R" and "Submitted: [Signature] Bridge Engineer".

STANDARD
TIMBER TRESTLE WITH GRAVELED DECK
19'-0" ROADWAY 11 TO 25 SPANS
LOUISIANA HIGHWAY COMMISSION
BATON ROUGE, LA.

Revised July 8th 1927
Revised April 28th 1927

Scale: 1"=10'
Feb. 1926