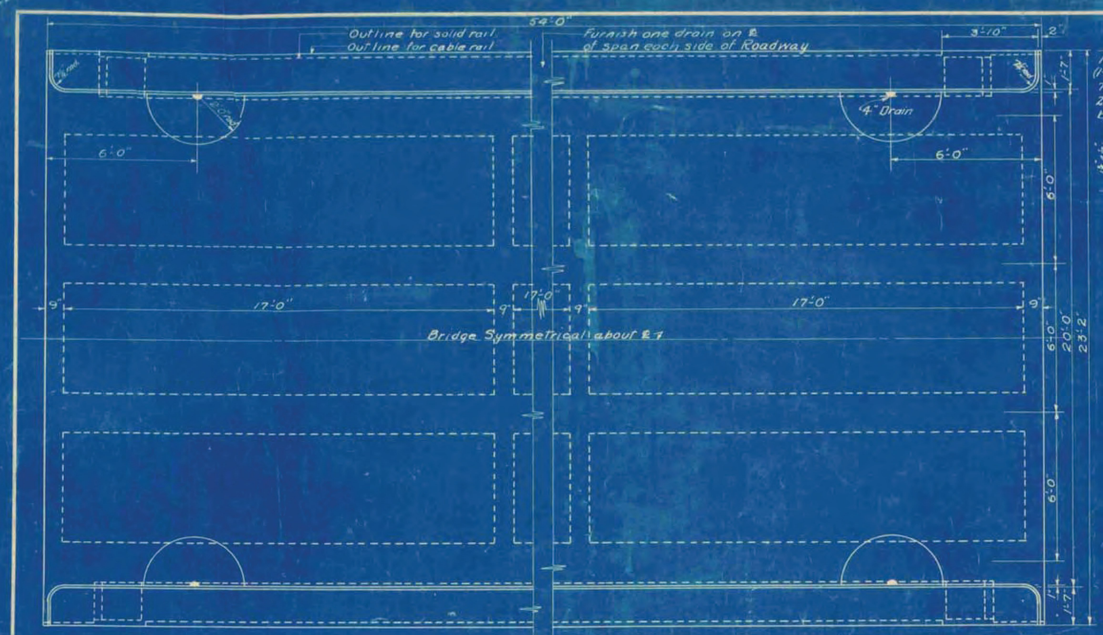
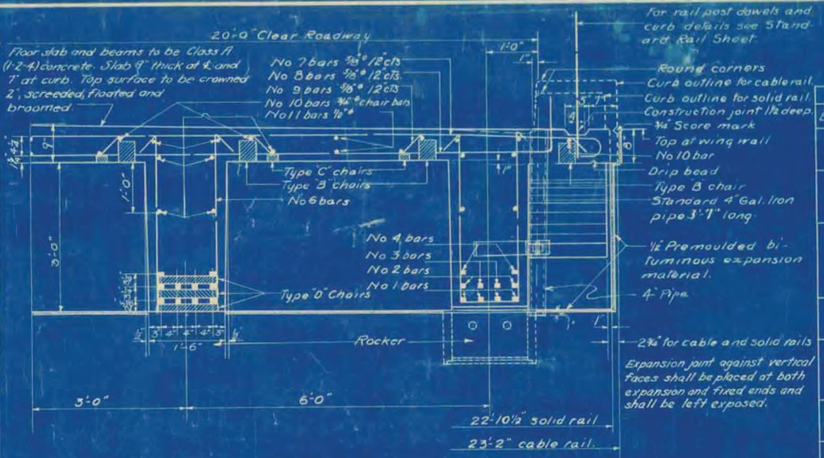
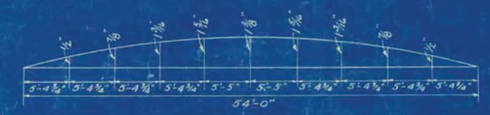


PLAN
Scale: 1/8" = 1'-0"

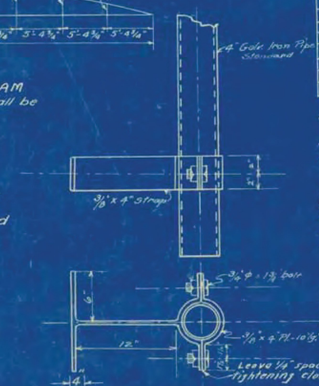


HALF SECTION THROUGH ROADWAY
Scale: 3/4" = 1'-0"

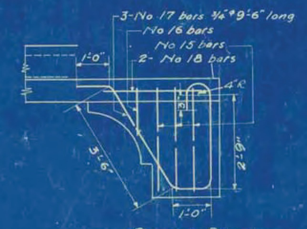


CAMBER DIAGRAM
Slab, curb and rail shall be cambered as shown.

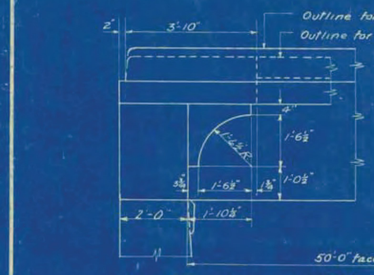
Clamp and pipe to receive two coats of approved red lead and oil and two coats of approved white guard rail paint.



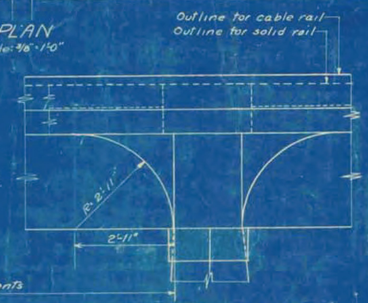
DRAIN PIPE DETAIL
Scale: 1 1/2" = 1'-0"
(See Sheet S.B.2)



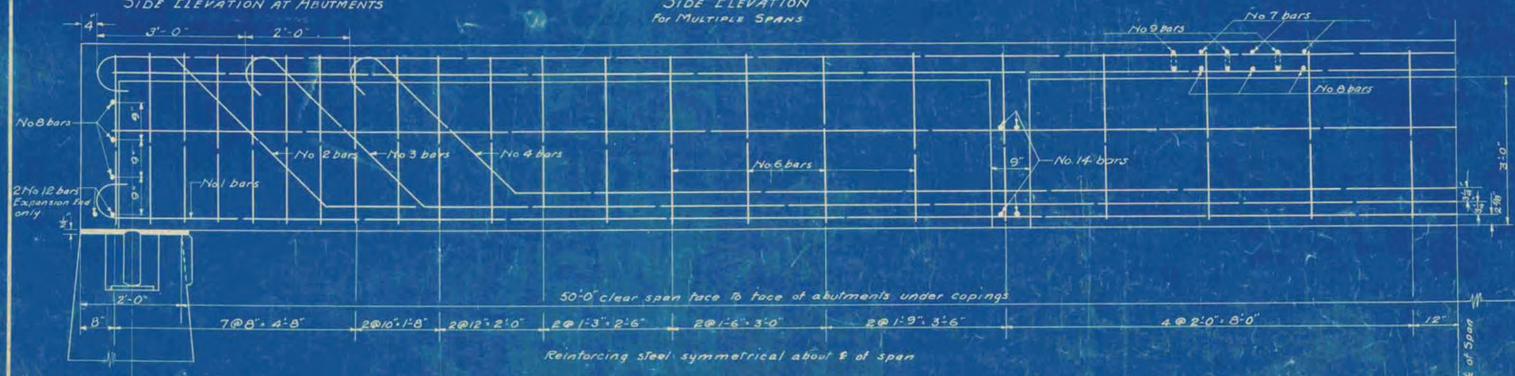
BRACKET DETAIL
SHOWING REINFORCEMENT STEEL



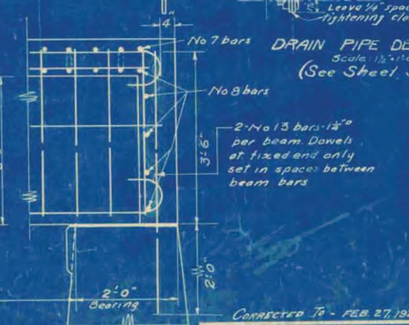
SIDE ELEVATION AT ABUTMENTS



SIDE ELEVATION
for MULTIPLE SPANS



HALF ELEVATION OF BEAM
Scale 3/4" = 1'-0"



STEEL SCHEDULE

Bar	Size	Lgth	Detail
1	1 1/4"ø	56'-0"	
2	1 1/2"ø	58'-3"	
3	1 1/2"ø	51'-6"	
4	1 1/2"ø	47'-3"	
6	1/2"ø	8'-10"	
7	5/8"ø	24'-0"	
8	5/8"ø	23'-0"	
9	5/8"ø	22'-6"	
10	5/8"ø	27'-6"	
11	5/8"ø	27'-6"	
12	5/8"ø	22'-6"	
13	1/2"ø	5'-3"	
14	3/8"ø	19'-0"	
18	3/8"ø	3'-6"	

Bar	Size	Lgth	A	B
15	3/8"ø	7'-0"	1'-0"	3'-0"
16	3/8"ø	4'-6"	1'-0"	1'-6"
17	See detail below			

Notes:

The correctness of this steel schedule is not guaranteed and no claim will be allowed for any inaccuracy therein.

All steel to be deformed bars. Reinforcing steel shall conform to the Standard Specifications for Billet Steel Concrete Reinforcement Bars, Intermediate or Structural Grade, of the American Society for Testing Materials, Serial Designation A15-14.

All bar detail dimensions refer to ℄ of steel.

All work and materials shall conform to the Standard Road and Bridge Specifications of the State of Vermont, 1926.

For typical details see sheet SB-2. Use details on sheets SB-2, SB-3, SB-4, SB-5 and SB-6.

St. Johnsbury
BRO-1447(30)
Sheet 63 of 76
For Reference Only

TEE BEAM BRIDGE
50'-0" CLEAR SPAN
20' ROADWAY
2-15 TON TRUCKS
OR 100# PER SQ. FT.

CORRECT: A. D. Bishop
BRIDGE ENGINEER

CORRECTED TO - FEB. 27, 1929

ESTIMATED QUANTITIES

Concrete Class A (1-2-4)	70 Cu. Yds.
Reinforcing Steel (including expansion device)	20,230 Lbs.

Surveyed by
Designed by
Drawn by D.W.R. 8/1/28
Traced by D.W.R. 8/1/28
Checked by
Series 3782 No. 50 Filed
Sheet of Sheets