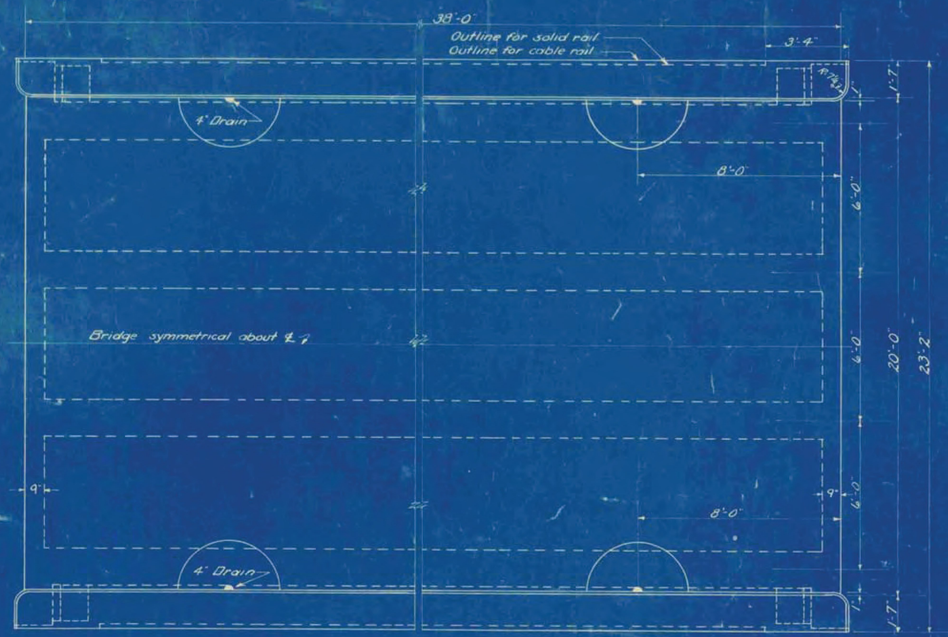
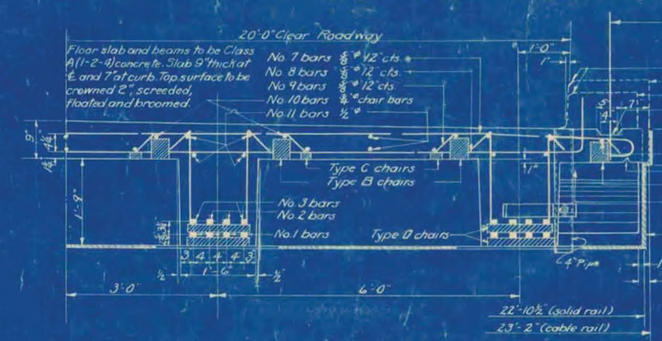


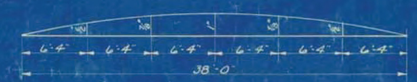
PLAN
Scale ⅛" = 1'-0"



HALF SECTION THROUGH ROADWAY
Scale ⅛" = 1'-0"

For rail post dowells and curb details see Standard Rail sheet
Round corners
Curb outline for cable rail
Curb outline for solid rail
Construction Joint 1½
Top of wing wall
No 10 bar
Drip bead
Type B chair
Standard 4" Gal. iron pipe 2'-4" long
½" Premoulded bituminous expansion material
2⅝" for cable and solid rails

Expansion Joint against vertical faces shall be placed at both expansion and fixed ends and shall be left exposed.



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

STEEL SCHEDULE

Bar	Size	Length	Detail
1	1¼" ϕ	40'-0"	36'-6"
2	1¼" ϕ	41'-3"	31'-10" / 36'-6"
3	1¼" ϕ	41'-3"	29'-10" / 36'-6"
6	½" ϕ	6'-6"	1'-2"
7	⅝" ϕ	24'-0"	22'-0"
8	⅝" ϕ	23'-0"	20'-6"
9	⅝" ϕ	22'-6"	21'-4"
10	½" ϕ	19'-6"	19'-6"
11	½" ϕ	19'-6"	19'-6"
12	⅝" ϕ	22'-6"	22'-6"
13	⅛" ϕ	4'-0"	4'-0"
16	⅜" ϕ	2'-6"	2'-6"

Bar	Size	Length	A	B
14	⅜" ϕ	5'-0"	1'-0"	1'-9"
15	⅜" ϕ	3'-6"	1'-0"	1'-0"
17	½" ϕ	See detail below		

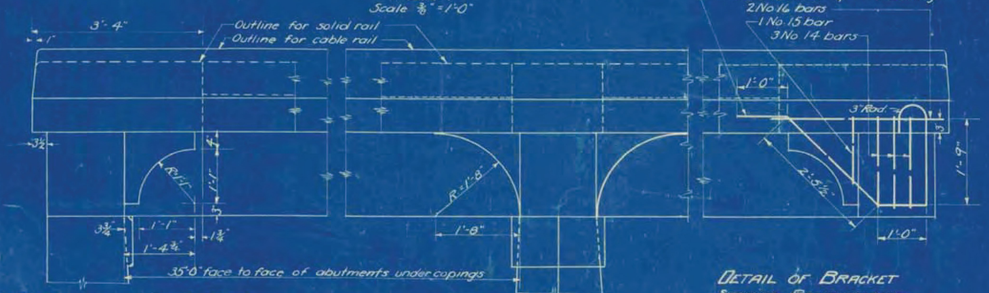
The correctness of this steel schedule is not guaranteed and no claim will be allowed on account of any inaccuracy therein.

All steel to be deformed bars. Reinforcing steel shall conform to the Standard Specifications for Billet Steel Concrete Reinforcement Bars, Structural or Intermediate 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 Vermont State Highway Department, 1926.

For typical details see Sheet S.B. 2. Use details S202, S203, S204, S206, S207.

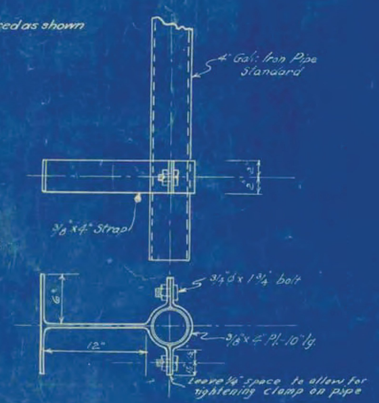


SIDE ELEVATION AT ABUTUTMENT

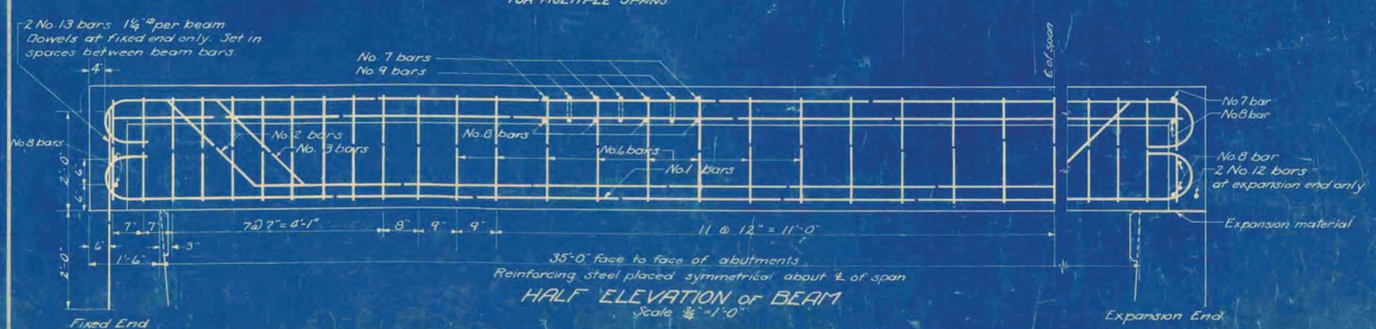
SIDE ELEVATION FOR MULTIPLE SPANS

DETAIL OF BRACKET
SHOWING REINFORCEMENT

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



DRAIN PIPE DETAIL
(See Sheet SB-2)
Scale 1½" = 1'-0"



HALF ELEVATION OF BEAM
Scale ⅛" = 1'-0"

TEE BEAM BRIDGE
35'-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	
Class A (1-2-4) concrete	39 Cu. Yds.
Reinforcing Steel (including expansion device)	12,260 Lbs

Surveyed by
Designed by
Drawn by A.F.T.
Traced by A.F.T.
Checked by M. L. Woodruff 5/2/28
Series 1928 No. 35 Filed
Sheet of Sheets

St. Johnsbury
BRO-1447(30)
Sheet 62 of 76
For Reference Only