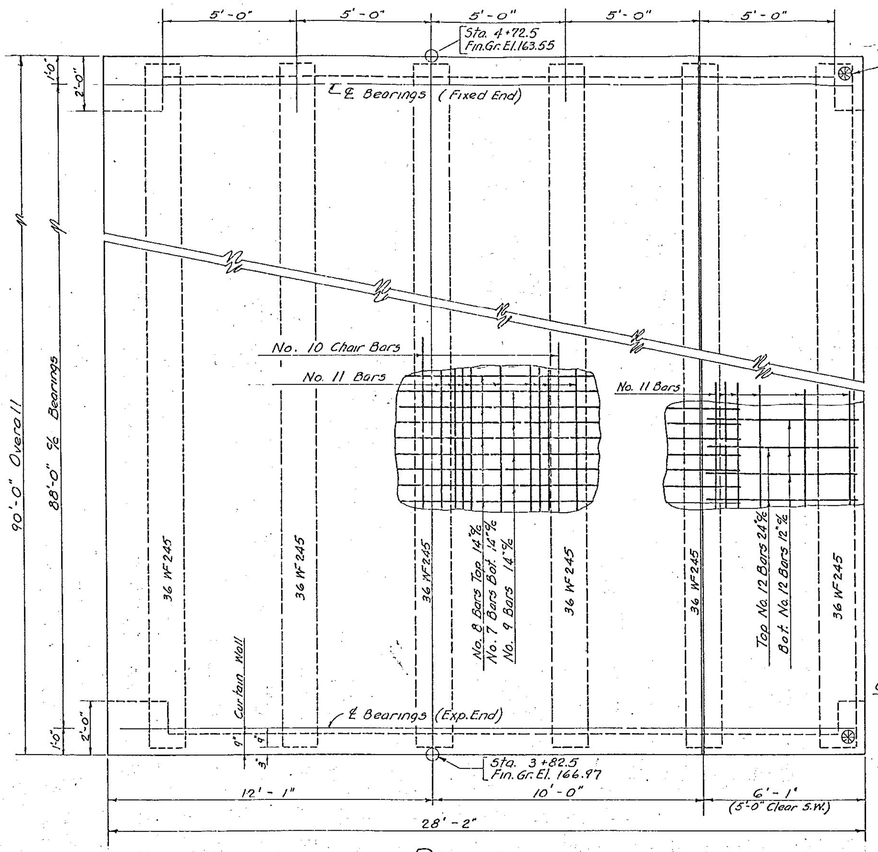
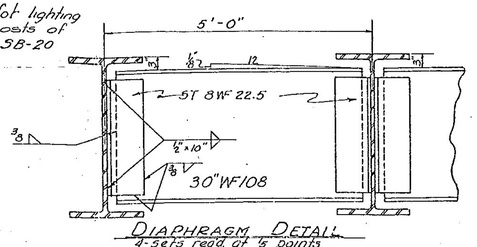


PLAN

scale: 3/8" = 1'-0"

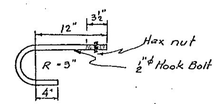
Provide Conduit for lighting system in end posts of Bridge. See Std. SB-20 Detail-M



DIAPHRAGM DETAIL

4-5 sets req'd. at 5 points

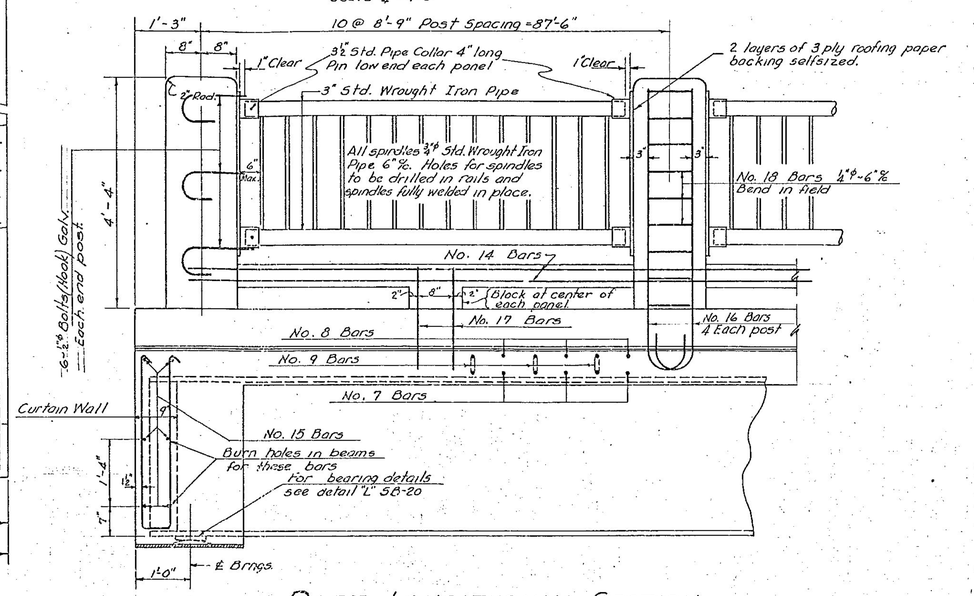
Scale 3/4" = 1'-0"



HOOK BOLT

scale: 1" = 1'-0"

24 Req.



PART LONGITUDINAL SECTION

scale - 3/4" - 1'-0"

REINFORCING STEEL SCHEDULE				
BAR NO.	SIZE	TOTAL REQ'D.	OVERALL LGTH.	DETAIL
7	⅝" ϕ	78	23'-4"	Straight
8	⅝" ϕ	78	24'-8"	R=18" 23'-0" R=18" 4" 4"
9	⅝" ϕ	77	25'-8"	
10	¾" ϕ	15	31'-9"	Straight
11	½" ϕ	156	31'-3"	"
12	⅝" ϕ	135	7'-3"	R=3" 5'-0" R=3" 4" 4"
13	⅜" ϕ	34	7'-0"	6" 3'-0" Bar 13 3'-9" Bar 13-A
13A	⅜" ϕ	8	8'-6"	
14	¾" ϕ	24	31'-4"	Straight
15	⅝" ϕ	12	27'-6"	Straight
16	1" ϕ	88	6'-5"	5'-0" R=4" 4"
17	½" ϕ	40	4'-10"	8" 1'-10"
18	¼" ϕ	198	3'-6"	Straight - Bend to fit in field

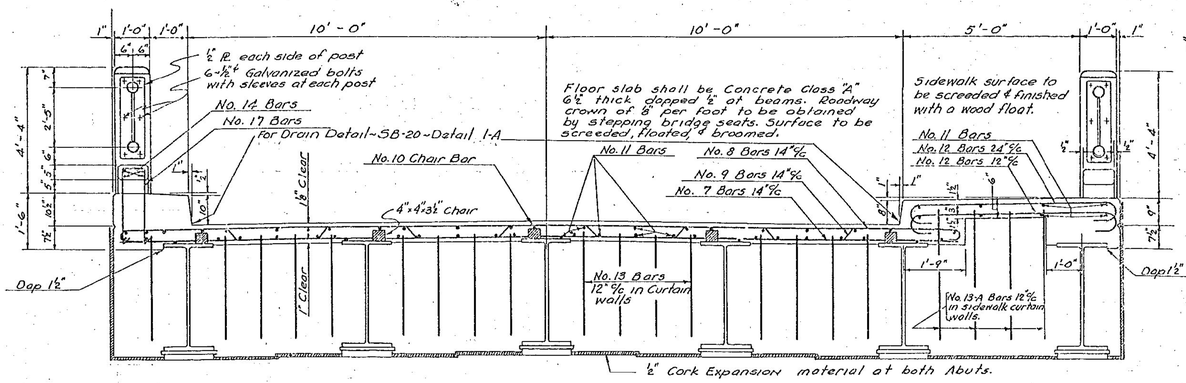
GENERAL NOTES:-

Beams shall be rolled to a true circular camber, the full length of the beam. Middle ordinate for camber 3¾".

All Structural Steel shall be painted as specified under item 43-B of Pamphlet "E", Standard Road & Bridge Specifications, State of Vermont, 1936. Final coat shall be green.

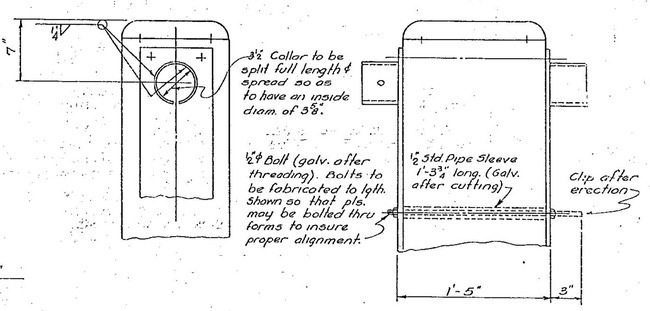
All material & construction shall conform to the Standard Road & Bridge Specifications, State of Vermont, 1936 & A.A.S.H.O. Specifications of 1944.

Designed for H-15(44) live loading & 25" paving allowance.



CROSS SECTION OF BRIDGE

scale: 1/2" = 1'-0"



DETAIL OF TOP OF POSTS

scale: 1½" = 1'-0"

SUPERSTRUCTURE DETAILS
ELLIOT STREET BRIDGE
BRATTLEBORO, VT.

scales as noted

BRATTLEBORO
BF 2000(26)
BRIDGE NO. 31
SHEET 26 OF 26
FOR REFERENCE ONLY

ESTIMATED QUANTITIES

Conc. Class "A"	79 c.y.
Reinforcing Steel	14,300 lbs.
Steel Superstructure	150,500 lbs.
Conduit for Lighting System	1 L.S.

Surveyed by	
Designed by	E.F.P.
Drawn by	E.F.P.
Traced by	H.W.S.
Checked by	L.M.B. 2-19-47
Series T-7	No. 1946 Filed
	Sheet 3 of 11 Sheets