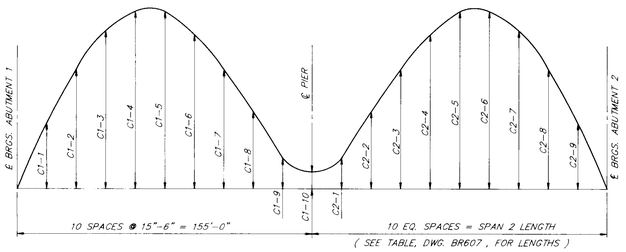
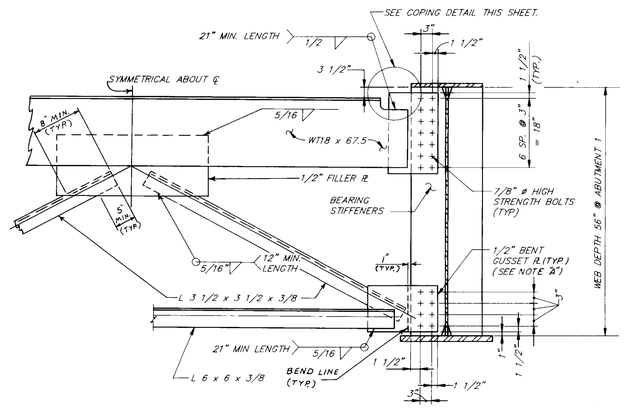


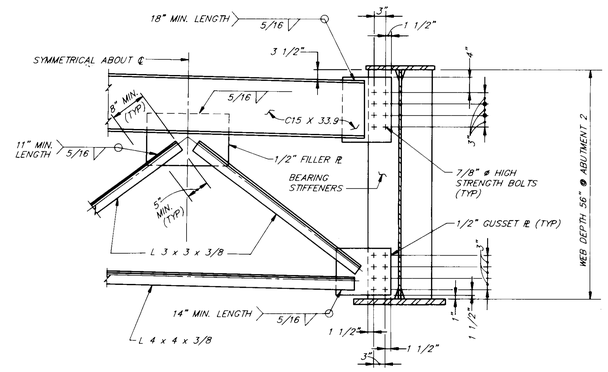
CAMBER DIAGRAM

N.T.S.



ABUTMENT 1 CROSSFRAME

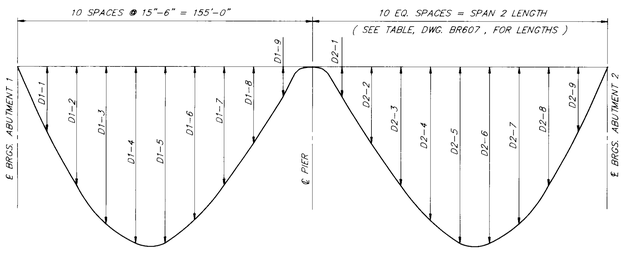
N.T.S.



NOTE: ABUTMENT NO.2 CROSSFRAMES SHALL BE PAINTED DARK BROWN IN ACCORDANCE WITH SECTION 506 STRUCTURAL STEEL.

ABUTMENT 2 CROSSFRAME

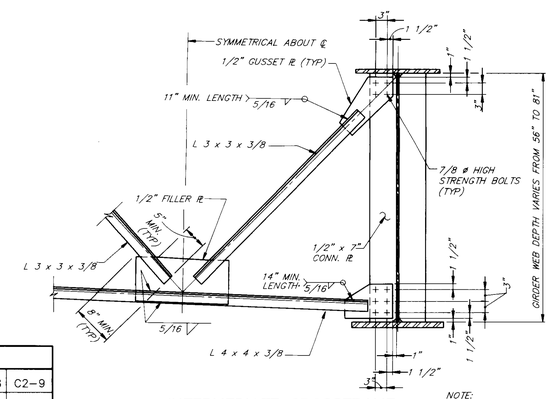
N.T.S.



DEAD LOAD DEFLECTION DIAGRAM

N.T.S.

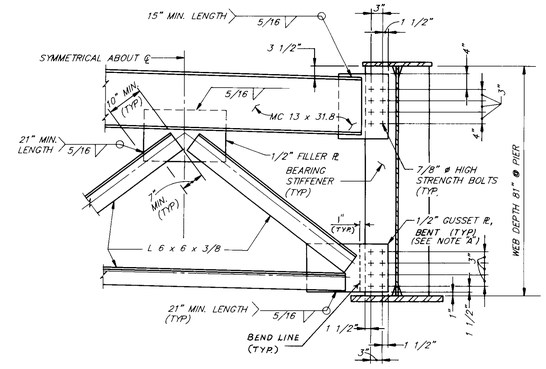
NOTE:
DEAD LOAD DEFLECTION AS SHOWN INCLUDES STEEL, DECK CONCRETE, RAILING, AND PAVEMENT.



INTERMEDIATE CROSSFRAME

N.T.S.

NOTE:
INTERMEDIATE CROSSFRAMES IN THE VICINITY OF THE PIER AND GIRDER HAUNCH WILL HAVE A VARIABLE HEIGHT DUE TO THE CROSSING OF THE HAUNCHES ON THE SKEW. ALL CONNECTING BOLTS AND WELDS REMAIN THE SAME.



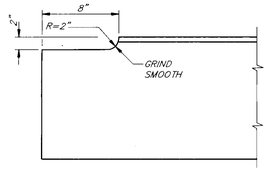
PIER CROSSFRAME

N.T.S.

AS BUILT 5/12/94 JD

DEAD LOAD DEFLECTION TABLE																			
GIRDER	D1-1	D1-2	D1-3	D1-4	D1-5	D1-6	D1-7	D1-8	D1-9	D2-1	D2-2	D2-3	D2-4	D2-5	D2-6	D2-7	D2-8	D2-9
G1	2 1/16	3 13/16	4 7/8	5 3/16	4 7/8	4	2 11/16	1 5/16	3/8	1/4	1	2 1/4	3 7/16	4 5/16	4 11/16	4 3/8	3 3/8	1 7/8
G2	2	3 9/16	4 9/16	4 13/16	4 7/16	3 1/2	2 1/4	1 1/16	1/4	7/16	1 1/2	3	4 1/2	5 9/16	5 15/16	5 1/2	4 1/4	2 3/8
G3	1 13/16	3 1/4	4 1/8	4 5/16	3 7/8	2 7/8	1 5/8	5/8	0	3/4	2 3/16	4	5 3/4	6 15/16	7 5/16	6 3/4	5 3/16	2 7/16
G4	1 5/16	2 7/16	3 9/16	3 5/8	3 1/8	2 1/8	1	3/16	-1/4	1	2 13/16	4 15/16	6 13/16	8	8 1/4	7 1/2	5 3/4	3 3/16

CAMBER TABLE																			
GIRDER	C1-1	C1-2	C1-3	C1-4	C1-5	C1-6	C1-7	C1-8	C1-9	C1-10	C2-1	C2-2	C2-3	C2-4	C2-5	C2-6	C2-7	C2-8	C2-9
G1	3 1/16	5 9/16	7 1/4	8 1/8	8 1/8	7 3/8	6 1/16	4 9/16	3 5/16	2 7/16	3 5/8	5 3/16	7 1/16	8 3/4	9 15/16	10-3/8	9 5/8	7 3/8	3 15/16
G2	2 7/8	5 1/4	6 13/16	7 9/16	7 1/2	6 11/16	5 3/8	4	2 13/16	2 1/16	3 7/16	5 1/4	7 3/8	9 3/8	10 11/16	11 3/16	10 3/8	7 15/16	4 1/4
G3	2 11/16	4 7/8	6 5/16	6 15/16	6 11/16	5 13/16	4 9/16	3 1/4	2 1/4	1 3/4	3 3/8	5 9/16	8	10 3/16	11 5/8	12 1/8	11 3/16	8 9/16	4 5/8
G4	2 7/16	4 7/16	5 5/8	6 1/8	5 13/16	4 15/16	3 11/16	2 9/16	1 3/4	1 7/16	3 5/16	5 13/16	8 1/2	10 13/16	12 1/4	12 9/16	11 9/16	8 3/4	4 3/4



COPING DETAIL

N.T.S.

SEE ALSO HI-STEEL FABRICATION DRAWINGS

NOTE A:
GUSSET PLATES CONNECTING BEARING STIFFENERS TO CROSS FRAMES AT ABUTMENT 1 AND PIER TO BE BENT IN ACCORDANCE WITH 1989 AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 10.23.2 AND ANY CURRENT REVISIONS. AT ABUTMENT 1, CARE SHOULD BE TAKEN TO AVOID INTERFERENCE WITH BEARING DEVICE ANCHOR BOLTS. (SEE BR611)

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TOWN OF ESSEX	Bridge No. 14
	Log Sta.
HIGHWAY NO. VT. RTE. 289	Surv. Sta. RAMP 15+00
VT. RTE. 289 "RAMP A" OVER CVRR	
GIRDER DETAILS	
Designed by YS/PJB	Drawn by M.W.D.
Checked by RJS date 10-12-90	Bridge Design Supervisor MWO date 10-12-90
PROJECT WILLISTON – COLCHESTER	PROJECT NO. PB 033-1(2)
Bridge Sheet No. BR608	Sheet 197 of 400