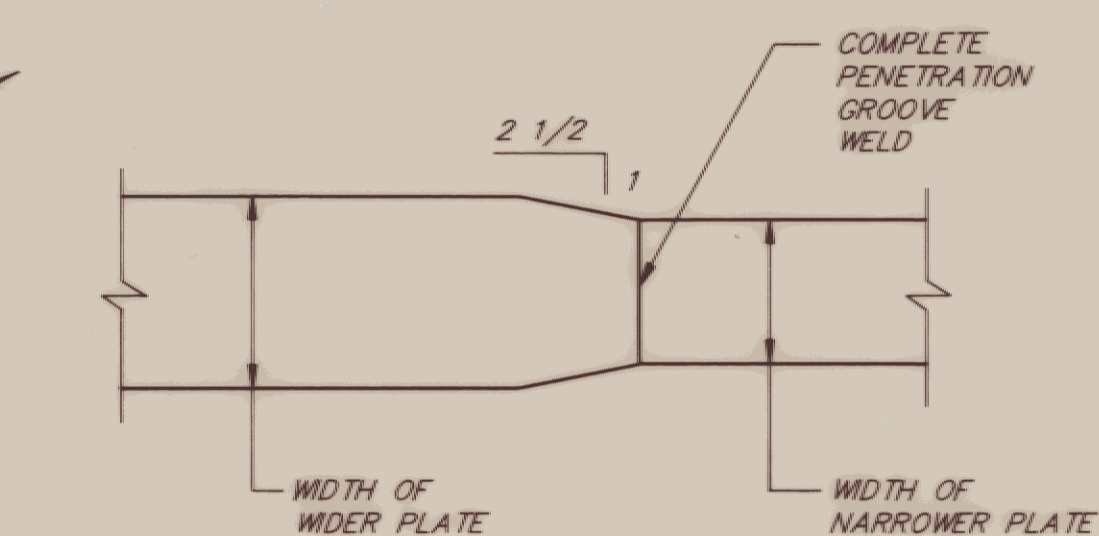
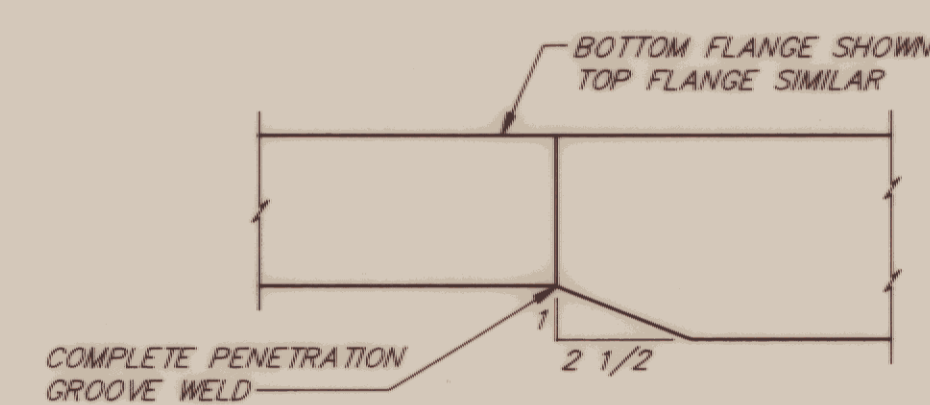


FRAMING PLAN
1/16" = 1'-0"

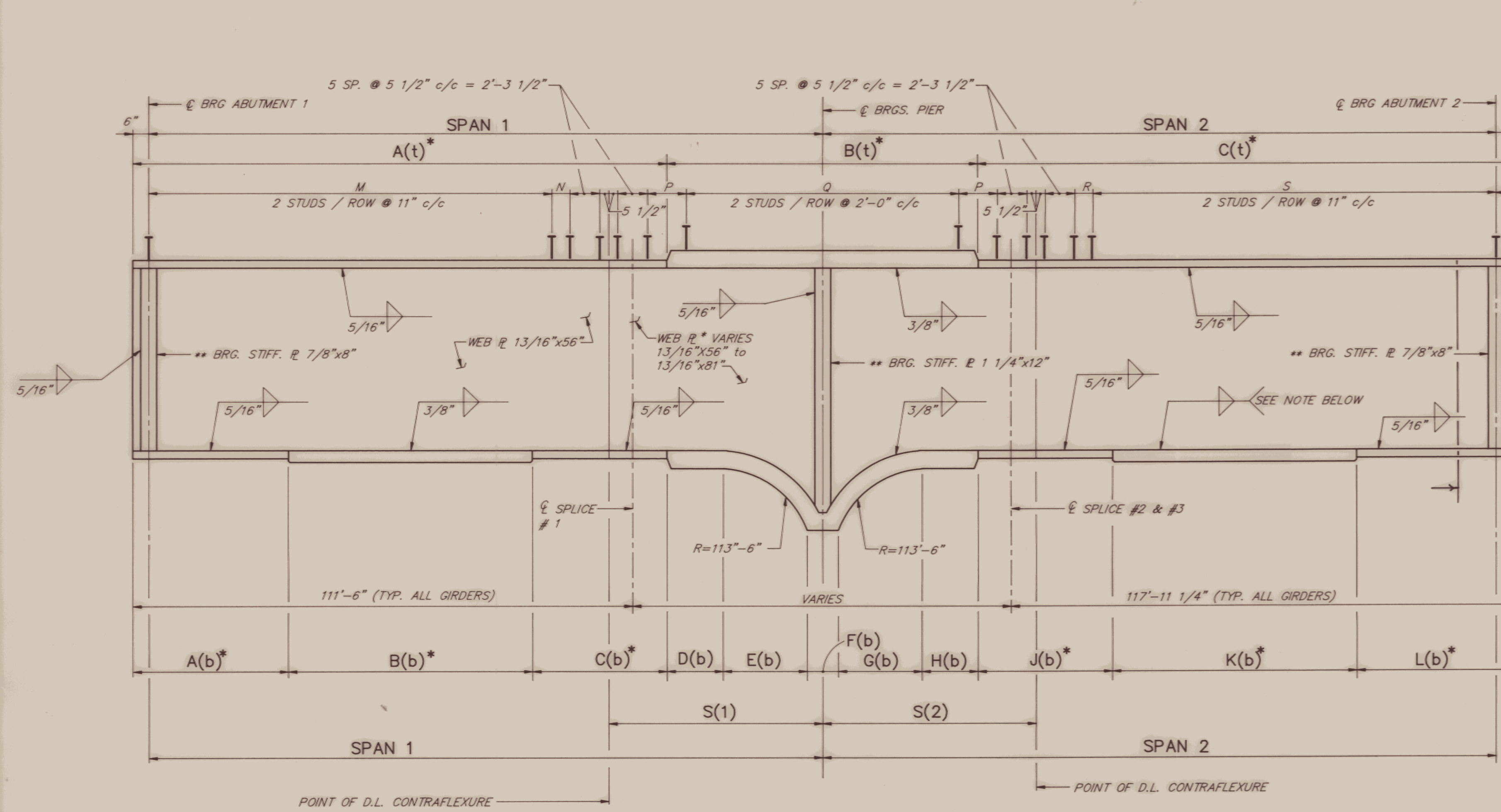


FLANGE WIDTH TAPER DETAIL
N.T.S.



FLANGE THICKNESS TAPER DETAIL
N.T.S.

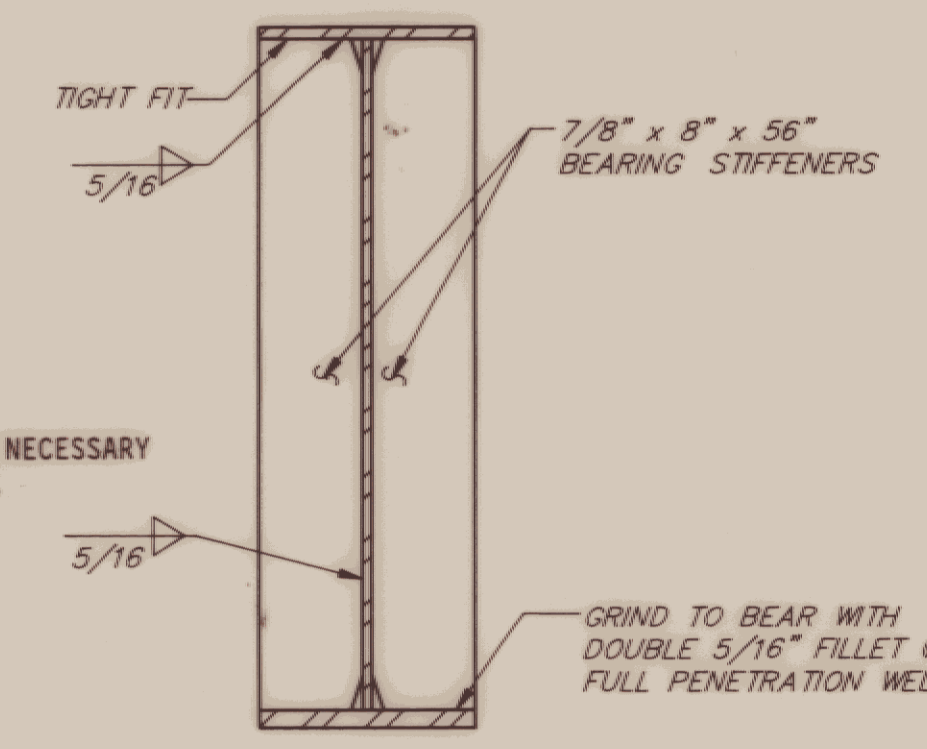
GIRDER NO.	SPAN 1 LENGTH	SPAN 2 LENGTH	TOTAL OF TWO SPANS	PT. OF D.L. CONTRAFLEXURE		TOP FLANGE LENGTH			BOTTOM FLANGE LENGTH										
				S1	S2	A(t)	B(t)	C(t)	A(b)	B(b)	C(b)	D(b)	E(b)	F(b)	G(b)	H(b)	J(b)	K(b)	L(b)
G1	155'-0"	152'-7 1/8"	307'-7 1/8"	45'-10"	47'-1"	17"x1 1/2"x126'-6"	25"x1 5/8"x57'-0"	17"x1 1/16"x125'-6 3/8"	18"x1 1/4"x32'-6"	18"x1 13/16"x55'-0"	18"x1 1/4"x39'-0"	25"x1 5/8"x8'-0"	25"x1 5/8"x21'-6"	25"x1 5/8"x3'-0"	25"x1 5/8"x21'-6"	25"x1 5/8"x5'-0"	18"x1 1/4"x43'-0"	18"x1 5/8"x47'-6"	18"x1 1/4"x35'-0 3/8"
G2	155'-0"	161'-2 3/8"	316'-2 3/8"	49'-9"	48'-1"	17"x1 1/8"x118'-6"	25"x1 3/4"x68'-0"	17"x1 1/8"x131'-1 5/8"	18"x1 1/4"x34'-6"	18"x1 5/8"x47'-0"	18"x1 1/4"x37'-0"	25"x1 3/4"x14'-0"	25"x1 3/4"x21'-6"	25"x1 3/4"x3'-0"	25"x1 3/4"x21'-6"	25"x1 3/4"x8'-0"	18"x1 7/8"x44'-0"	18"x1 7/8"x56'-0"	18"x1 1/4"x31'-1 5/8"
G3	155'-0"	169'-9 1/2"	324'-9 1/2"	53'-3"	48'-4"	17"x1 1/8"x118'-6"	25"x1 7/8"x69'-0"	17"x1 1/8"x138'-8 3/4"	18"x1 1/4"x36'-6"	18"x1 1/2"x41'-0"	18"x1 1/4"x41'-0"	25"x1 7/8"x14'-0"	25"x1 7/8"x21'-6"	25"x1 7/8"x3'-0"	25"x1 7/8"x21'-6"	25"x1 7/8"x9'-0"	18"x1 3/4"x44'-0"	18"x2 5/16"x62'-6"	18"x1 1/2"x32'-2 3/4"
G4	155'-0"	178'-4 3/4"	333'-4 3/4"	56'-5"	47'-6"	17"x1 1/16"x117'-0"	25"x2 1/16"x68'-6"	17"x1 5/16"x149'-4"	18"x1 1/4"x35'-6"	18"x1 1/2"x35'-0"	18"x1 1/4"x46'-6"	25"x2 1/16"x15'-6"	25"x2 1/16"x21'-6"	25"x2 1/16"x3'-0"	25"x2 1/16"x21'-6"	25"x2 1/16"x7'-0"	22"x1 1/2"x44'-0"	22"x2 7/16"x62'-0"	18"x1 1/4"x23'-4"



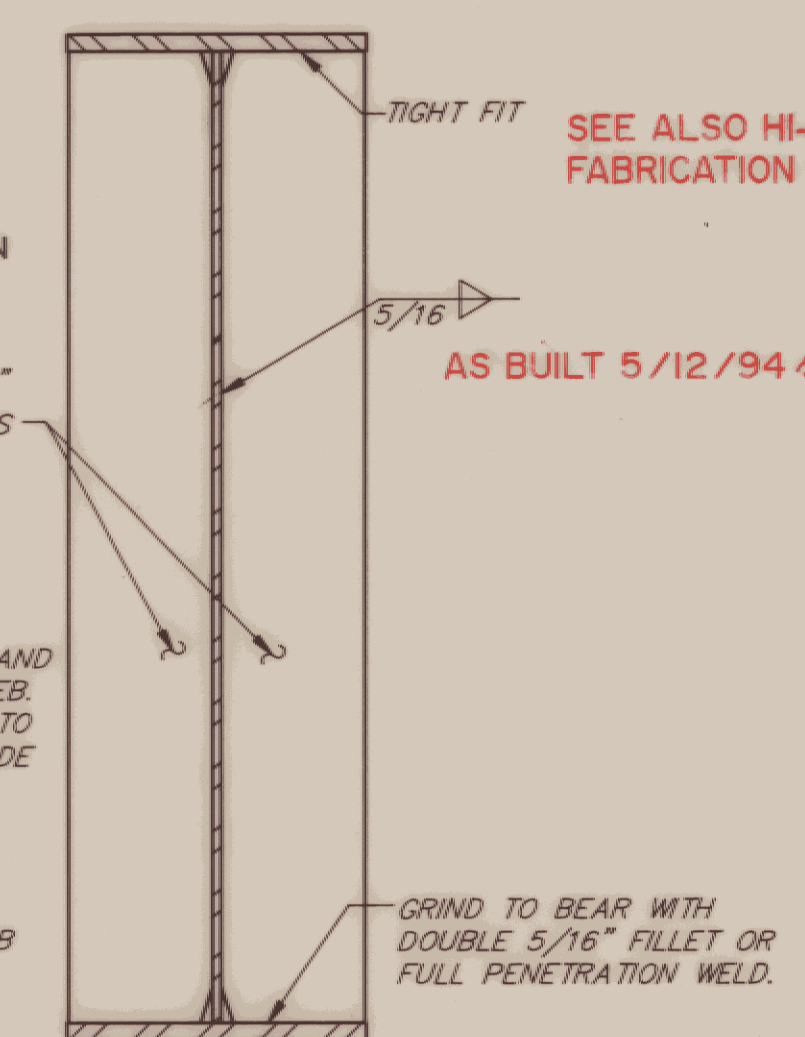
GIRDER ELEVATION
N.T.S.

- NOTES:**
1. BEARING STIFFENERS AT ABUTMENT 1 AND AT PIER TO BE PLACED SQUARE TO WEB. BEARING STIFFENERS AT ABUTMENT 2 TO BE PLACED SQUARE TO WEB ON OUTSIDE FACE OF FASCIA GIRDERS.
 2. SEE BRIDGE SHEET NO. BR615 FOR WELD TERMINATION AND COPING DETAIL.
 3. ALL BEARING STIFFENERS TO BE PLUMB AFTER FINAL DEAD LOAD DEFLECTION.

NOTES: 1. WELD SIZE AS FOLLOWS
G1 & G2 : 3/8"
G3 & G4 : 1/2"
2. FOR SPLICE DETAILS
SEE DWG. BR609.

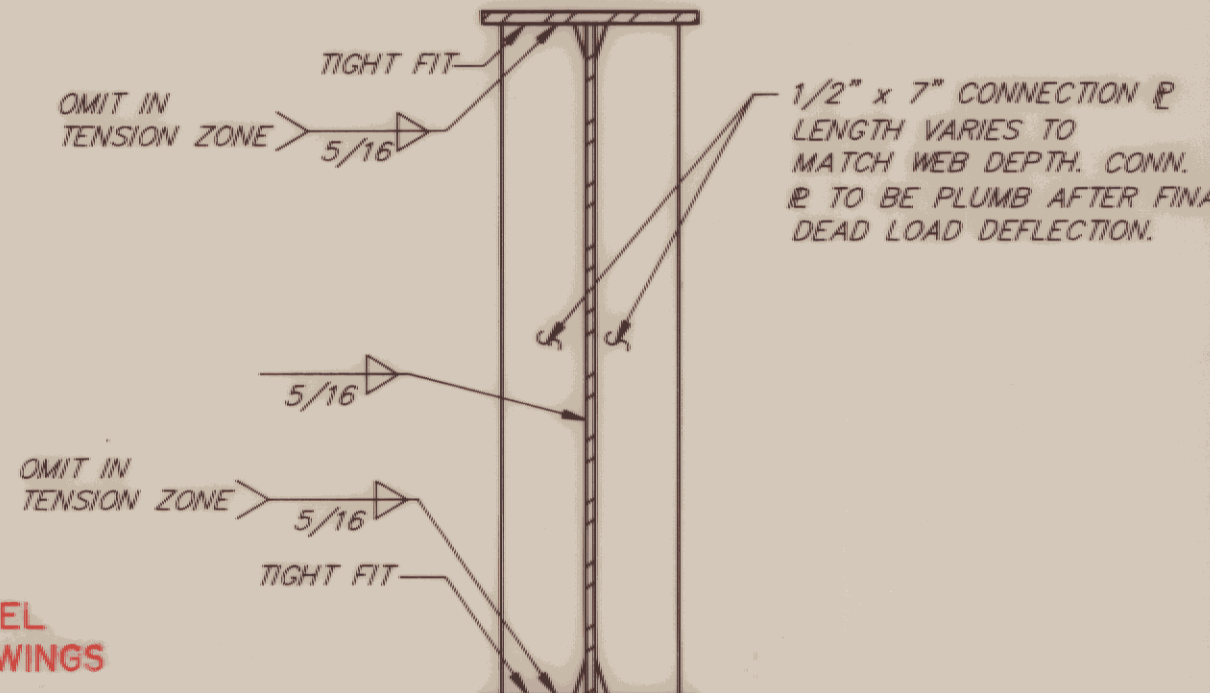


BEARING STIFFENERS AT ABUTMENT
3/4"=1'-0"



BEARING STIFFENERS AT PIER
3/4"=1'-0"

GIRDER NO.	SHEAR CONNECTORS - LENGTH					
	M	N	P	Q	R	S
G1	105'-5"	1'-0 1/2"	1'-7 7/8"	84'-0"	7 1/2"	102'-8"
G2	101'-9"	9"	1'-2"	90'-0"	4 3/8"	110'-0"
G3	98'-1"	11"	1'-0 1/2"	94'-0"	5 5/8"	118'-3"
G4	95'-4"	6 1/4"	1'-2 1/8"	96'-0"	9 1/4"	127'-5"



INTERMEDIATE CONNECTION PLATES
3/4"=1'-0"

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

TOWN OF	ESSEX	Bridge No.	14
HIGHWAY NO.	VT. RTE. 289	Log Sta.	
		Surv. Sta.	RAMP 15+00
			VT. RTE. 289 "RAMP A" OVER CVRR
			FRAMING PLAN AND GIRDER ELEVATION
Designed by	Y.S.	Drawn by	J.D.H. Sr. / M.W.D.
Checked by	R.J.S.	Bridge Design Supervisor	
	date 10/12/90	M.W.D.	date 10/12/90
PROJECT	WILLISTON - COLCHESTER	PROJECT NO.	PB 033 - 1(2)
Bridge Sheet No.	BR607	Sheet	196 of 400