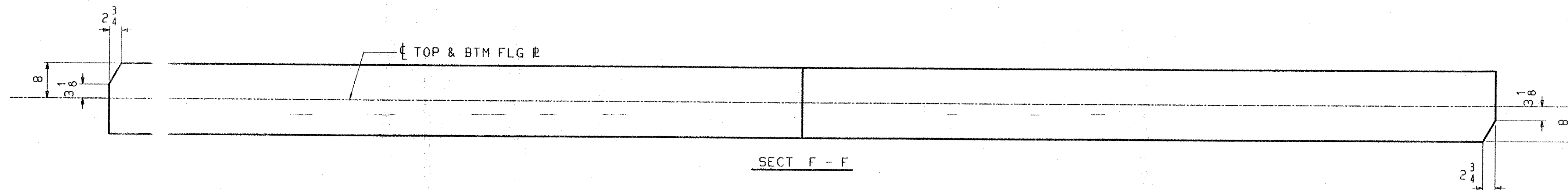


MARK	TL	BL	LE	RE	WL2	WX1	WX2	C1	C2	C3	C4	C5	C6	C7	C8	C9	WEB MK 1	PG/LINE	WEB MK 2	PG/LINE
1G1	90'-0 ¹¹ / ₁₆	89'-11 ³ / ₄	3 ³ / ₁₆	1 ¹ / ₈	44'-11 ³ / ₄	5'-8 ¹ / ₂	45'-8 ¹⁵ / ₁₆	2 ³ / ₈	4 ⁷ / ₁₆	5 ¹⁵ / ₁₆	6 ⁷ / ₈	7 ¹ / ₄	6 ¹⁵ / ₁₆	6	4 ⁷ / ₁₆	2 ³ / ₈	wa	1/J	wb	1/J
2G2	90'-0 ¹¹ / ₁₆	89'-11 ¹³ / ₁₆	1 ¹ / ₄	1 ¹ / ₈	44'-11 ¹³ / ₁₆	5'-8 ¹ / ₂	45'-9	2 ³ / ₈	4 ⁷ / ₁₆	5 ¹⁵ / ₁₆	6 ⁷ / ₈	7 ¹ / ₄	6 ¹⁵ / ₁₆	6	4 ⁷ / ₁₆	2 ³ / ₈	wa	1/J	wb	1/J
3G3	90'-0 ³ / ₄	89'-11 ¹³ / ₁₆	1 ¹ / ₄	1 ³ / ₁₆	44'-11 ¹³ / ₁₆	5'-8 ¹ / ₂	45'-9 ¹ / ₁₆	2 ⁷ / ₁₆	4 ⁷ / ₁₆	5 ¹⁵ / ₁₆	6 ¹⁵ / ₁₆	7 ¹ / ₄	6 ¹⁵ / ₁₆	5 ¹⁵ / ₁₆	4 ⁷ / ₁₆	2 ³ / ₈	wa	1/J	wb	1/J
4G4	90'-0 ³ / ₄	89'-11 ⁷ / ₈	5 ⁵ / ₁₆	1 ³ / ₁₆	44'-11 ⁷ / ₈	5'-8 ¹ / ₂	45'-9 ¹ / ₈	2 ⁷ / ₁₆	4 ⁷ / ₁₆	6	6 ¹⁵ / ₁₆	7 ¹ / ₄	6 ⁷ / ₈	5 ¹⁵ / ₁₆	4 ³ / ₈	2 ³ / ₈	wa	1/J	wb	1/J
5G5	90'-0 ³ / ₄	89'-11 ⁷ / ₈	5 ⁵ / ₁₆	1 ³ / ₁₆	44'-11 ⁷ / ₈	45'-8 ¹ / ₂	45'-9 ¹ / ₈	2 ³ / ₈	4 ¹ / ₂	6	6 ¹⁵ / ₁₆	7 ¹ / ₄	6 ⁷ / ₈	5 ¹⁵ / ₁₆	4 ³ / ₈	2 ³ / ₈	wa	1/J	wb	1/J



MARK	PL	THICKNESS	LENGTH	DESCRIPTION
1G1	PL 7/8 x 16 x 41'-4 ¹¹ / ₁₆	3/16	41'-4 ¹¹ / ₁₆	ta (A709-50W) 1/G
2G2	PL 7/8 x 16 x 50'-0	1/4	50'-0	ta (A709-50W) 1/E
3G3	PL 7/8 x 16 x 50'-0	1/4	50'-0	ta (A709-50W) 1/E
4G4	PL 7/8 x 16 x 50'-0	5/16	50'-0	ta (A709-50W) 1/E
5G5	PL 7/8 x 16 x 50'-0	5/16	50'-0	ta (A709-50W) 1/E
1G1	PL 7/8 x 16 x 41'-3 ³ / ₄	3/16	41'-3 ³ / ₄	ba (A709-50WT2 H2-3) 1/C
2G2	PL 7/8 x 16 x 41'-3 ¹³ / ₁₆	1/4	41'-3 ¹³ / ₁₆	ba (A709-50WT2 H2-3) 1/C
3G3	PL 7/8 x 16 x 41'-3 ¹³ / ₁₆	1/4	41'-3 ¹³ / ₁₆	ba (A709-50WT2 H2-3) 1/C
4G4	PL 7/8 x 16 x 41'-3 ⁷ / ₈	5/16	41'-3 ⁷ / ₈	ba (A709-50WT2 H2-3) 1/C
5G5	PL 7/8 x 16 x 50'-0	5/16	50'-0	ba (A709-50WT2 H2-3) 1/A
1G1	PL 7/8 x 16 x 50'-0	3/16	50'-0	tb (A709-50W) 1/G
2G2	PL 7/8 x 16 x 41'-4 ¹¹ / ₁₆	1/4	41'-4 ¹¹ / ₁₆	tb (A709-50W) 1/G
3G3	PL 7/8 x 16 x 41'-4 ³ / ₄	1/4	41'-4 ³ / ₄	tb (A709-50W) 1/G
4G4	PL 7/8 x 16 x 41'-4 ³ / ₄	5/16	41'-4 ³ / ₄	tb (A709-50W) 1/G
5G5	PL 7/8 x 16 x 41'-4 ³ / ₄	5/16	41'-4 ³ / ₄	tb (A709-50W) 1/G
1G1	PL 7/8 x 16 x 50'-0	3/16	50'-0	bb (A709-50WT2 H2-3) 1/A
2G2	PL 7/8 x 16 x 50'-0	1/4	50'-0	bb (A709-50WT2 H2-3) 1/A
3G3	PL 7/8 x 16 x 50'-0	1/4	50'-0	bb (A709-50WT2 H2-3) 1/A
4G4	PL 7/8 x 16 x 50'-0	5/16	50'-0	bb (A709-50WT2 H2-3) 1/A
5G5	PL 7/8 x 16 x 41'-3 ⁷ / ₈	5/16	41'-3 ⁷ / ₈	bb (A709-50WT2 H2-3) 1/C

FLANGE DIAGRAM FOR 1G1 THRU 5G5

RECEIVED
 OK'D BY _____ OK'D BY _____
 DEC 09 2003
 RESUBMIT APPROVED
 BY RRe DATE 1-8-04

NOTES:
 1. FOR GENERAL NOTES AND WELD DETAILS SEE SHT. GNI.
 2. H2-3 DENOTES MATERIAL SUBJECT TO CHARPY V-NOTCH TEST AT H FREQ. FOR ZONE 2

OUT FOR APPROVAL	12-1-03																				
OUT FOR APPROVAL																					
ISSUED TO SHOP																					
FIELD & OFFICE																					
REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER										
MATERIAL:	ELECTRODES:	HOLES:									SHOP BOLTS:										
SURFACE PREP. & PAINT:																					
DESCRIPTION: CAMBER DIAGRAM																					
JOB: BOSTWICK ROAD OVER VERMONT RAILWAY BRIDGE NO. 15 HIGHWAY NO. TH 3																		DRAWN BY		DATE	
TOWN OF SHELBURNE																		WJG		11/03	
ENGR: McFarland-Johnson, INC.																		CHKD BY			
CONTRACTOR: S.D. IRELAND BROS. CORP.																		JT B		11/14	
TENSOR 2409																		APPROV BY			
PROJ NO. BRO 1445(3D)																		SUPERVISOR		M. J. GATTI	
CUSTOMER: VERMONT AGENCY OF TRANSPORTATION																		Q.A.			
CASCO BAY STEEL STRUCTURES, INC.																		JOB NO.		DRG. NO.	
75 SPRING HILL ROAD SACO, MAINE 04072																		209		C1	
PHONE (207) 282-7360 FAX. (207) 282-1179																		REV.		A	