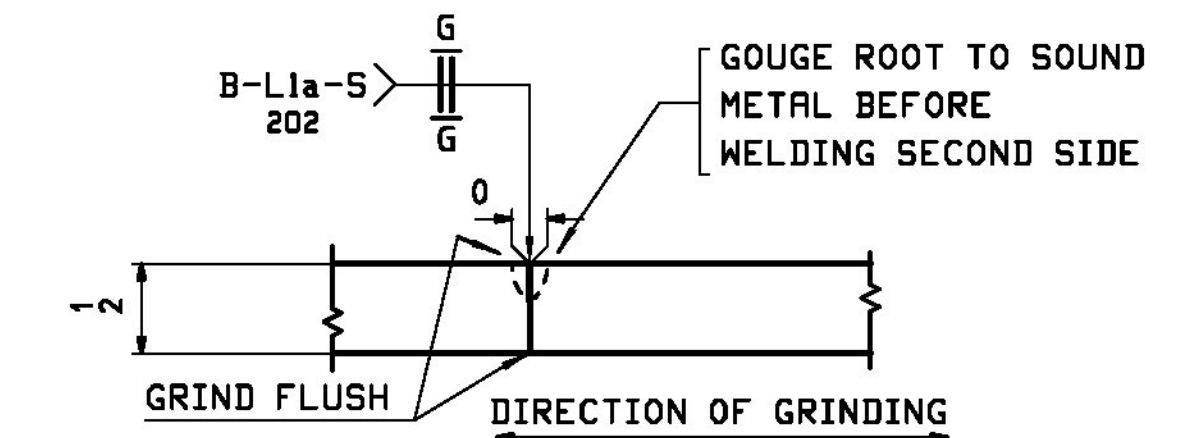
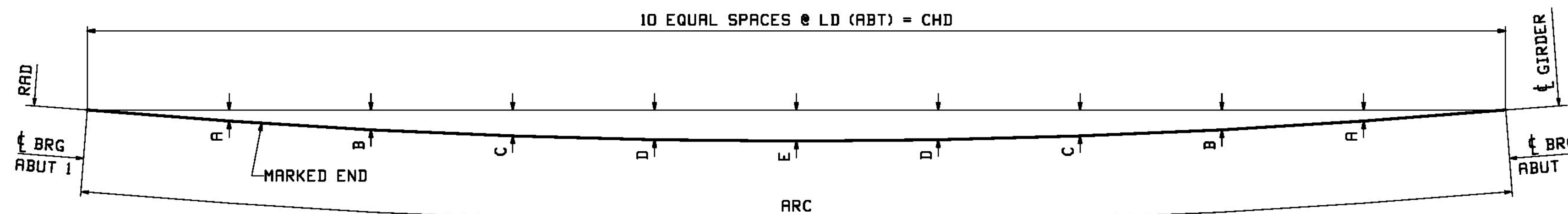


CAMBER DIAGRAM FOR 1G1, 2G2, 3G3, 4G4, 5G5 & 6G6

MARK	TL	BL	LE	RE	WL1	WL2	WX1	WX2	SP1	WC2	LD	C1	C2	C3	C4	C5	C6	C7	C8	C9	PG/LN1	PG/LN2
1G1	140'-4 ⁵ / ₁₆	140'-3	7 ⁷ / ₁₆	7 ⁷ / ₈	71'-0	69'-3	71'-9 ⁹ / ₁₆	70'-0 ¹⁵ / ₁₆	11 ⁷ / ₈	1/2	14'-0 ⁵ / ₁₆	3 ⁷ / ₈	7 ¹ / ₄	9 ³ / ₄	11 ³ / ₈	11 ³ / ₈	11 ³ / ₈	9 ³ / ₄	7 ¹ / ₄	4	2/A	2/G
2G2	140'-2 ¹³ / ₁₆	140'-1 ⁹ / ₁₆	9 ⁹ / ₁₆	11 ¹¹ / ₁₆	71'-0	69'-1 ⁹ / ₁₆	71'-9 ⁵ / ₈	69'-11 ⁵ / ₁₆	11 ¹⁵ / ₁₆	1/2	14'-0 ⁸ / ₁₆	3 ⁷ / ₈	7 ³ / ₁₆	9 ³ / ₄	11 ³ / ₈	11 ¹⁵ / ₁₆	11 ⁷ / ₁₆	9 ¹³ / ₁₆	7 ¹ / ₄	3 ⁷ / ₈	2/A	2/G
3G3	140'-1 ⁵ / ₁₆	140'-0 ¹ / ₈	9 ⁹ / ₁₆	5 ⁵ / ₈	71'-0	69'-0 ¹ / ₈	71'-9 ¹¹ / ₁₆	69'-9 ¹³ / ₁₆	1'-0 ¹ / ₁₆	1/2	14'-0	3 ⁷ / ₈	7 ¹ / ₄	9 ¹³ / ₁₆	11 ⁷ / ₁₆	1'-0 ¹ / ₁₆	11 ¹ / ₂	9 ⁷ / ₈	7 ⁵ / ₁₆	3 ¹⁵ / ₁₆	2/A	2/J
4G4	139'-11 ¹⁵ / ₁₆	139'-10 ⁵ / ₈	11 ¹¹ / ₁₆	5 ⁵ / ₈	71'-0	68'-10 ⁵ / ₈	71'-9 ³ / ₄	69'-8 ⁵ / ₁₆	1'-0 ³ / ₁₆	1/2	13'-11 ⁷ / ₁₆	3 ¹⁵ / ₁₆	7 ⁵ / ₁₆	9 ¹⁵ / ₁₆	11 ⁹ / ₁₆	1'-0 ³ / ₁₆	11 ⁵ / ₈	10	7 ³ / ₈	4	2/A	2/J
5G5	139'-10 ¹ / ₂	139'-9 ¹ / ₄	3 ³ / ₄	1 ¹ / ₂	70'-1	69'-8 ¹ / ₄	70'-10 ¹³ / ₁₆	70'-5 ⁷ / ₈	1'-0 ³ / ₈	1/2	13'-11 ³ / ₄	3 ¹⁵ / ₁₆	7 ⁷ / ₁₆	10 ¹ / ₁₆	11 ³ / ₄	1'-0 ³ / ₈	11 ¹³ / ₁₆	10 ¹ / ₈	7 ¹ / ₂	4	2/C	2/E
6G6	139'-9 ¹ / ₈	139'-7 ¹³ / ₁₆	13 ¹³ / ₁₆	1 ¹ / ₂	71'-0	68'-7 ¹³ / ₁₆	71'-9 ¹⁵ / ₁₆	69'-5 ⁷ / ₁₆	1'-0 ⁹ / ₁₆	9 ⁹ / ₁₆	13'-11 ⁹ / ₁₆	4 ¹ / ₁₆	7 ⁵ / ₈	10 ⁵ / ₁₆	1'-0	1'-0 ⁹ / ₁₆	1'-0	10 ⁵ / ₁₆	7 ⁹ / ₁₆	4 ¹ / ₁₆	2/A	2/L



WEB PLATE SPLICE DETAIL "WA"



HORIZONTAL CURVING DIAGRAM FOR 1G1, 2G2, 3G3, 4G4, 5G5 & 6G6

ALL DIMENSIONS ARE GIVEN TO THE BTM OF WEB

MARK	ARC	CHD	RAD	LD	A	B	C	D	E
1G1	140'-3	140'-2 ¹¹ / ₁₆	2070.152	14'-0 ¹ / ₄	5 ¹ / ₈	9 ¹ / ₈	11 ¹⁵ / ₁₆	1'-1 ¹¹ / ₁₆	1'-2 ¹ / ₄
2G2	140'-1 ⁹ / ₁₆	140'-1 ¹ / ₄	2075.485	14'-0 ¹ / ₈	5 ¹ / ₈	9 ¹ / ₁₆	11 ¹⁵ / ₁₆	1'-1 ⁵ / ₈	1'-2 ³ / ₁₆
3G3	140'-0 ¹ / ₈	139'-11 ³ / ₄	2080.818	14'-0	5 ¹ / ₁₆	9 ¹ / ₁₆	11 ⁷ / ₈	1'-1 ⁹ / ₁₆	1'-2 ¹ / ₈
4G4	139'-11 ⁵ / ₈	139'-10 ⁵ / ₁₆	2086.152	13'-11 ¹³ / ₁₆	5 ¹ / ₁₆	9	11 ¹³ / ₁₆	1'-1 ¹ / ₂	1'-2 ¹ / ₁₆
5G5	139'-9 ¹ / ₄	139'-8 ¹⁵ / ₁₆	2091.485	13'-11 ¹¹ / ₁₆	5 ¹ / ₁₆	8 ¹⁵ / ₁₆	11 ³ / ₄	1'-1 ⁷ / ₁₆	1'-2
6G6	139'-7 ¹³ / ₁₆	139'-7 ¹ / ₂	2096.818	13'-11 ⁹ / ₁₆	5	8 ¹⁵ / ₁₆	11 ¹¹ / ₁₆	1'-1 ³ / ₈	1'-1 ¹⁵ / ₁₆

NOTES:

- FOR GENERAL NOTES SEE DRAWING GNI.
- ALL MATERIAL SHALL BE AASHTO M270-50T2.
- 'T2' DENOTES MATERIAL SUBJECT TO CHARPY V-NOTCH TEST AT H FREQ. FOR ZONE 2

5/2/17	APPROVAL COMMENT	JTB	DBH		
REV. DATE	REMARKS	DWN	CHK	APVL	SHOP
MATERIAL:	SURFACE PREP. & PAINT:	HOLES:		SHOP BOLTS:	
M270-50T2	SEE DWG GNI				
DESCRIPTION: CAMBER & HORIZONTAL CURVING DIAGRAMS					
		CASCO BAY STEEL STRUCTURES, INC. 1 WALLACE AVE. PHONE (207) 780-6722 SOUTH PORTLAND, ME 04106 FAX. (207) 780-6726			
STRUCTURE:	ROUTE VT 25B OVER WAITS RIVER RURAL MAJOR COLLECTOR BRIDGE NO. 1 BRADFORD COUNTY OF ORANGE	DRAWN:	JTB	DATE:	02/16
LOCATION:	TOWN OF BRADFORD, VERMONT	CHKD:	DBH	DATE:	03/13
PROJ NO.	BF D191(29)	JOB NO.		DWG NO.	
CUSTOMER:	A.L.ST. ONGE			706-1	C1
				REV.	△

Vermont Agency of Transportation
RECEIVED

CK'D BY _____ OK'D BY GFR

May 7, 2017

RESUBMIT No Approved

BY C. Carlson DATE 05/09/2017