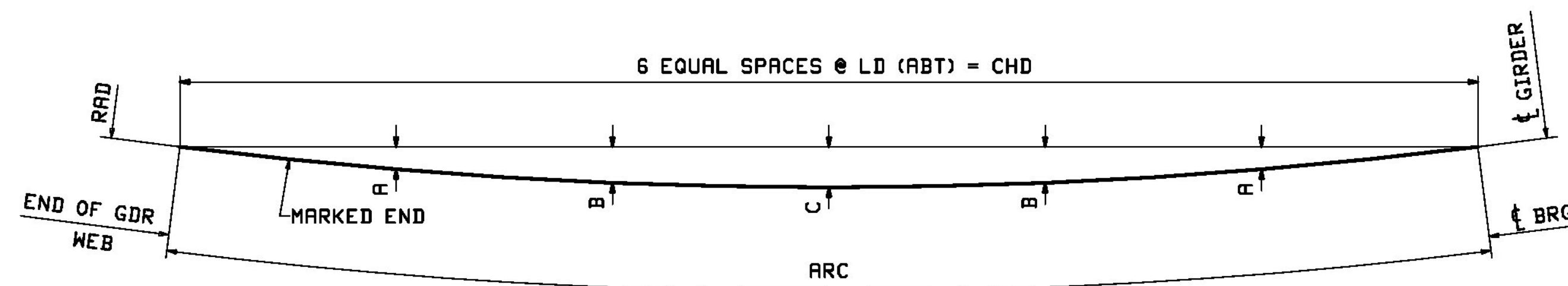


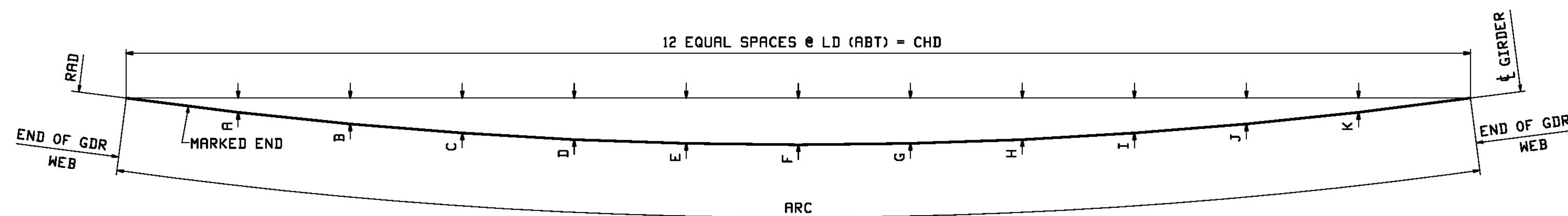
HORIZONTAL CURVING DIAGRAM - 1G1A THRU 5G5A

MARK	ARC	CHD	RAD	LD	A	B	C
1G1A	53'-4 ³ / ₈	53'-4 ¹ / ₈	622'-1 ⁷ / ₁₆	8'-10 ¹¹ / ₁₆	3 ¹³ / ₁₆	6 ¹ / ₈	6 ⁷ / ₈
2G2A	53'-11 ¹³ / ₁₆	53'-11 ⁵ / ₈	629'-4 ⁷ / ₁₆	8'-11 ¹⁵ / ₁₆	3 ⁷ / ₈	6 ³ / ₁₆	6 ¹⁵ / ₁₆
3G3A	54'-7 ¹ / ₄	54'-7 ¹ / ₁₆	636'-7 ⁷ / ₁₆	9'-1 ³ / ₁₆	3 ⁷ / ₈	6 ¹ / ₄	7
4G4A	55'-2 ¹¹ / ₁₆	55'-2 ¹ / ₂	643'-10 ⁷ / ₁₆	9'-2 ⁷ / ₁₆	3 ¹⁵ / ₁₆	6 ⁵ / ₁₆	7 ¹ / ₈
5G5A	55'-10 ³ / ₁₆	55'-10	651'-1 ⁷ / ₁₆	9'-3 ¹¹ / ₁₆	4	6 ³ / ₈	7 ³ / ₁₆



HORIZONTAL CURVING DIAGRAM - 11G1C THRU 15G5C

MARK	ARC	CHD	RAD	LD	A	B	C
11G1C	53'-4 ¹ / ₈	53'-3 ¹⁵ / ₁₆	622'-1 ⁷ / ₁₆	8'-10 ⁵ / ₈	3 ¹³ / ₁₆	6 ¹ / ₈	6 ⁷ / ₈
12G2C	53'-11 ⁵ / ₈	53'-11 ³ / ₈	629'-4 ⁷ / ₁₆	8'-11 ⁷ / ₈	3 ⁷ / ₈	6 ³ / ₁₆	6 ¹⁵ / ₁₆
13G3C	54'-7 ¹ / ₁₆	54'-6 ⁷ / ₈	636'-7 ⁷ / ₁₆	9'-1 ¹ / ₈	3 ⁷ / ₈	6 ¹ / ₄	7
14G4C	55'-2 ⁹ / ₁₆	55'-2 ³ / ₈	643'-10 ⁷ / ₁₆	9'-2 ³ / ₈	3 ¹⁵ / ₁₆	6 ⁵ / ₁₆	7 ¹ / ₈
15G5C	55'-10	55'-9 ³ / ₄	651'-1 ⁷ / ₁₆	9'-3 ⁵ / ₈	4	6 ³ / ₈	7 ³ / ₁₆



HORIZONTAL CURVING DIAGRAM - 6G1B THRU 10G5B

MARK	ARC	CHD	RAD	LD	A	B	C	D	E	F	G	H	I	J	K
6G1B	109'-3 ¹ / ₁₆	109'-1 ³ / ₈	622'-1 ⁷ / ₁₆	9'-1 ¹ / ₈	8 ¹³ / ₁₆	1'-4	1'-9 ⁹ / ₁₆	2'-1 ⁹ / ₁₆	2'-3 ¹⁵ / ₁₆	2'-4 ³ / ₄	2'-3 ¹⁵ / ₁₆	2'-1 ⁹ / ₁₆	1'-9 ⁹ / ₁₆	1'-4	8 ¹³ / ₁₆
7G2B	110'-6 ⁵ / ₁₆	110'-4 ⁵ / ₈	629'-4 ⁷ / ₁₆	9'-2 ³ / ₈	8 ⁷ / ₈	1'-4 ³ / ₁₆	1'-9 ¹³ / ₁₆	2'-1 ⁷ / ₈	2'-4 ⁵ / ₁₆	2'-5 ¹ / ₈	2'-4 ⁵ / ₁₆	2'-1 ⁷ / ₈	1'-9 ¹³ / ₁₆	1'-4 ³ / ₁₆	8 ⁷ / ₈
8G3B	111'-9 ¹ / ₂	111'-7 ¹³ / ₁₆	636'-7 ⁷ / ₁₆	9'-3 ⁵ / ₈	9	1'-4 ³ / ₈	1'-10 ¹ / ₁₆	2'-2 ³ / ₁₆	2'-4 ⁵ / ₈	2'-5 ⁷ / ₁₆	2'-4 ⁵ / ₈	2'-2 ³ / ₁₆	1'-10 ¹ / ₁₆	1'-4 ³ / ₈	9
9G4B	113'-0 ³ / ₄	112'-11	643'-10 ⁷ / ₁₆	9'-4 ¹⁵ / ₁₆	9 ¹ / ₈	1'-4 ⁹ / ₁₆	1'-10 ⁵ / ₁₆	2'-2 ⁷ / ₁₆	2'-4 ¹⁵ / ₁₆	2'-5 ³ / ₄	2'-4 ¹⁵ / ₁₆	2'-2 ⁷ / ₁₆	1'-10 ⁵ / ₁₆	1'-4 ⁹ / ₁₆	9 ¹ / ₈
10G5B	114'-3 ¹⁵ / ₁₆	114'-2 ³ / ₁₆	651'-1 ⁷ / ₁₆	9'-6 ³ / ₁₆	9 ³ / ₁₆	1'-4 ³ / ₄	1'-10 ⁹ / ₁₆	2'-2 ³ / ₄	2'-5 ¹ / ₄	2'-6 ¹ / ₁₆	2'-5 ¹ / ₄	2'-2 ³ / ₄	1'-10 ⁹ / ₁₆	1'-4 ³ / ₄	9 ³ / ₁₆

NOTES:

- FOR GENERAL NOTES SEE DRAWING GNI.
- ALL DIMENSIONS ARE GIVEN TO THE BTM OF WEB.

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
MATERIAL:		SURFACE PREP. & PAINT:	HOLES:		SHOP BOLTS:	
DESCRIPTION: HORIZONTAL CURVING DIAGRAMS						
STRUCTURE:		CASCO BAY STEEL STRUCTURES, INC.		1 WALLACE AVE. PHONE (207) 780-6722		
ROUTE No. VT 15A, MAJOR COLLECTOR		SOUTH PORTLAND, ME 04106		FAX. (207) 780-6726		
BRIDGE No. 1		COUNTY OF LAMOILLE		DRAWN: JTJ DATE: 07/31		
LOCATION: MORRISTOWN, VT		JOB NO.		DWG NO. HC1		
PROJ NO. BRS-0240(3)S & STP HES 030-2(28)		713		REV. Δ		
CUSTOMER: STATE OF VERMONT R.O.T.						

Vermont Agency of Transportation

RECEIVED

10-6-17_713_Shop_Drawings_REV 2.pdf

CK'D BY CLB OK'D BY CWC

October 5, 2017

RESUBMIT NO Approved

BY C. CARLSON DATE 10/05/17