

DEAD LOAD DEFLECTION DIAGRAM

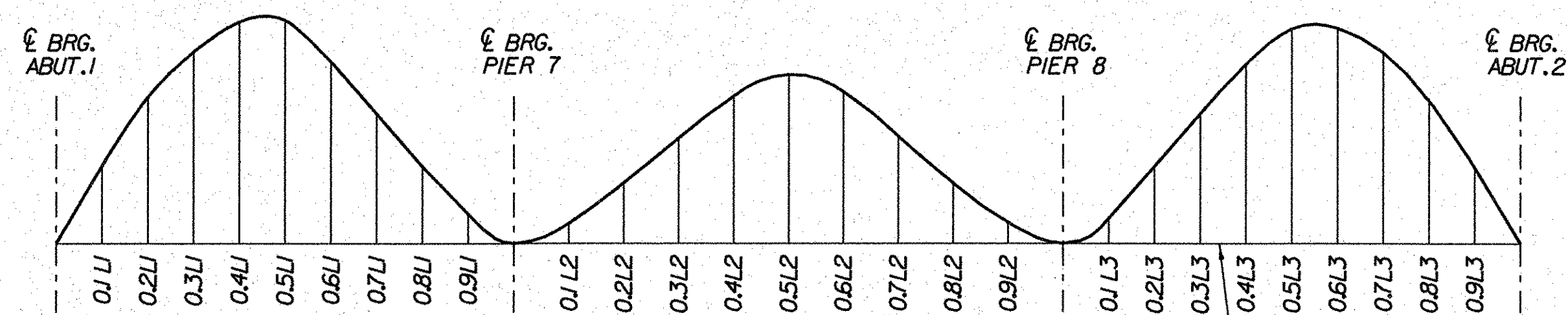
NOT TO SCALE

NOTES:

1. DEAD LOAD DEFLECTIONS AS SHOWN INCLUDE STEEL DEAD LOAD, CONCRETE DEAD LOAD, AND SUPERIMPOSED DEAD LOAD.
2. THE TOTAL CAMBER IS THE SUM OF THE STEEL DEAD LOAD, CONCRETE DEAD LOAD, SUPERIMPOSED DEAD LOAD, AND RESIDUAL CAMBER.
3. ALL DEFLECTION AND CAMBER OFFSETS ARE MEASURED VERTICALLY FROM THE TOP OF THE WEB TO A STRAIGHT REFERENCE LINE DRAWN FROM THE INTERSECTION OF THE TOP OF THE WEB AND CENTERLINE OF BEARINGS AT ABUTMENT #1 TO THE CORRESPONDING INTERSECTION AT ABUTMENT #2.
4. CAMBER AND DEFLECTION MEASUREMENTS ARE GIVEN AT SPAN TENTH POINTS. FOR GIRDER SPAN LENGTHS, SEE GIRDER ELEVATION (RAMP A), BRIDGE SHEET BR266.

DL DEFLECTION (mm)

LOCATION	¢ ABUT. 1	0.1 L1	0.2 L1	0.3 L1	0.4 L1	0.5 L1	0.6 L1	0.7 L1	0.8 L1	0.9 L1	¢ PIER 7	0.1 L2	0.2 L2	0.3 L2	0.4 L2	0.5 L2	0.6 L2	0.7 L2	0.8 L2	0.9 L2	¢ PIER 8	0.1 L3	0.2 L3	0.3 L3	0.4 L3	0.5 L3	0.6 L3	0.7 L3	0.8 L3	0.9 L3	¢ ABUT. 2
G1	0	43	79	103	113	109	92	65	36	13	0	6	24	48	67	75	69	49	25	6	0	12	36	64	91	109	113	103	80	44	0
G2	0	46	83	108	119	114	96	68	38	14	0	7	27	53	73	81	74	53	28	7	0	13	37	67	95	114	120	108	84	48	0
G3	0	45	82	106	117	113	95	67	37	13	0	6	26	51	71	78	71	51	26	7	0	13	36	66	94	112	117	107	82	45	0
G4	0	44	80	104	114	110	93	66	36	13	0	6	24	47	67	75	68	49	25	6	0	13	36	65	92	110	114	104	80	44	0



CAMBER DIAGRAM

NOT TO SCALE

TOTAL CAMBER (mm)

LOCATION	¢ ABUT. 1	0.1 L1	0.2 L1	0.3 L1	0.4 L1	0.5 L1	0.6 L1	0.7 L1	0.8 L1	0.9 L1	¢ PIER 7	0.1 L2	0.2 L2	0.3 L2	0.4 L2	0.5 L2	0.6 L2	0.7 L2	0.8 L2	0.9 L2	¢ PIER 8	0.1 L3	0.2 L3	0.3 L3	0.4 L3	0.5 L3	0.6 L3	0.7 L3	0.8 L3	0.9 L3	¢ ABUT. 2
G1	0	49	91	121	137	139	116	83	48	19	0	12	36	66	91	105	93	67	37	12	0	18	48	82	115	139	137	121	92	50	0
G2	0	52	95	126	143	144	120	86	50	20	0	13	39	71	97	111	98	71	40	13	0	19	49	85	119	144	144	126	96	54	0
G3	0	51	94	124	141	143	119	85	49	19	0	12	38	69	95	108	95	69	38	13	0	19	48	84	118	142	141	125	94	51	0
G4	0	50	92	122	138	140	117	84	48	19	0	12	36	65	91	105	92	67	37	12	0	19	48	83	116	140	138	122	92	50	0

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	BENNINGTON	Bridge No.	BI55
Highway No.	VT RTE 279	Log Sta.	
		Surv. Sta.	

VT ROUTE 279 & RAMPS OVER ROARING BRANCH OF WALLOOSAC RIVER

GIRDER TABLES (RAMP A)

Designed By	J.J. MANUSE	Drawn By	A.S. WOODS
Checked By	B.J. CARLSON	Date	06/08
		Bridge Design Supervisor	K.M. WOJTKOWSKI
		Date	06/08

PROJECT	BENNINGTON	PROJECT NO.	AC NH 019-1(51)
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TVGA CAD Drawing No. RmpAGrd2.dgn Date 02/02/2009

Bridge Sheet No. BR267 Sheet 254 of 367