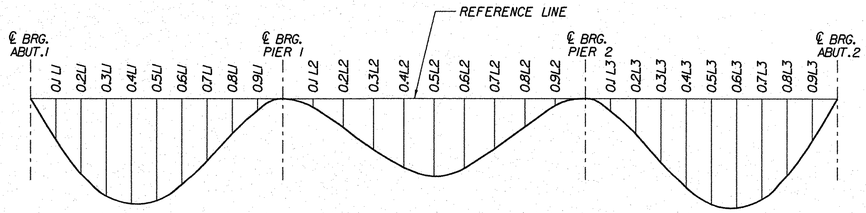
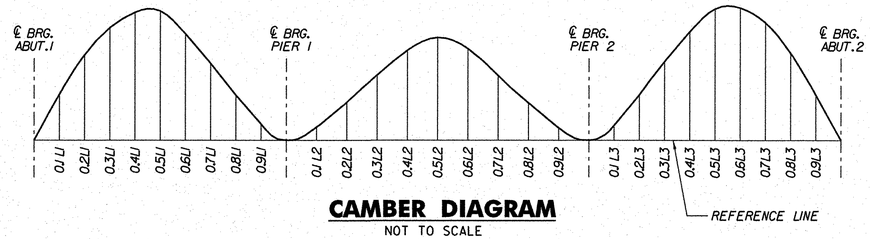


DEAD LOAD DEFLECTION DIAGRAM

NOT TO SCALE

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 1	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 2	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	46	85	111	122	117	99	71	39	13	0	7	30	56	78	85	78	56	29	6	0	14	40	72	101	121	126	116	87	48	0
G2	0	49	89	115	128	123	103	74	41	14	0	8	33	61	84	93	84	61	32	7	0	15	41	75	106	126	132	120	92	50	0
G3	0	48	88	115	126	122	102	73	41	15	0	7	31	59	81	89	81	59	31	8	0	15	41	75	105	125	131	120	91	49	0
G4	0	47	88	115	126	121	103	73	41	14	0	6	30	56	77	85	77	56	30	7	0	15	41	75	104	125	130	119	91	50	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 1	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 2	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	52	97	129	146	147	123	89	51	19	0	13	42	74	102	115	102	74	41	12	0	20	52	90	125	151	150	134	99	54	0
G2	0	55	101	133	152	153	127	92	53	20	0	14	45	79	108	123	108	79	44	13	0	21	53	93	130	156	156	138	104	56	0
G3	0	54	100	133	150	152	126	91	53	21	0	13	43	77	105	119	105	77	43	14	0	21	53	93	129	155	155	138	103	55	0
G4	0	53	100	133	150	151	127	91	53	20	0	12	42	74	101	115	101	74	42	13	0	21	53	93	128	155	154	137	103	56	0

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 D), BRIDGE SHEET BR287.

TVGA CONSULTANTS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of BENNINGTON	Bridge No. BI5N
Highway No. VT RTE 279	Log Sta. / Surv. Sta.
VT ROUTE 279 & RAMPS OVER ROARING BRANCH OF WALLOOMSAC RIVER	
GIRDER TABLES (RAMP D)	
Designed By J.J. MANUSE	Drawn By A.S. WOODS
Checked By B.J. CARLSON Date 04/08	Bridge Design Supervisor K.M. WOJTKOWSKI Date 04/08
PROJECT BENNINGTON	PROJECT NO. AC NH 019-1(51)
TVGA CAD Drawing No. RmpDGrd2.dgn	Date 02/02/2009
Bridge Sheet No. BR288	Sheet 275 of 367