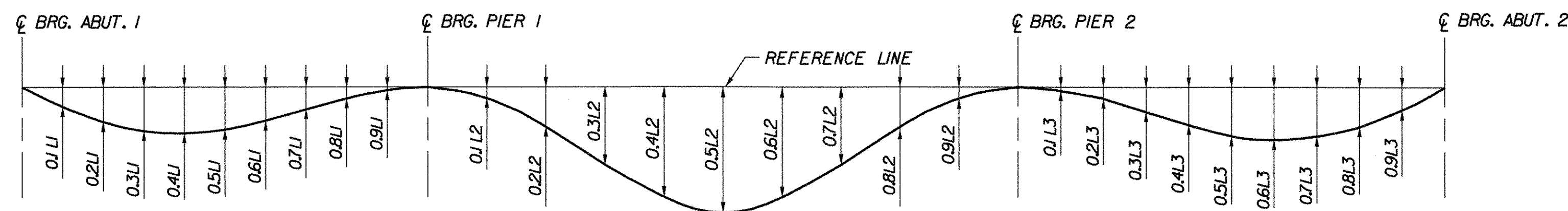
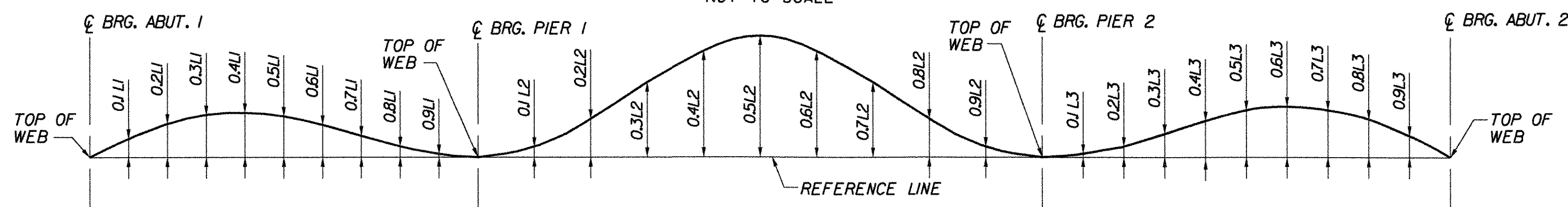


**GIRDER ELEVATION (3S)**  
NOT TO SCALE



**DEAD LOAD DEFLECTION DIAGRAM**  
NOT TO SCALE



**CAMBER DIAGRAM**  
NOT TO SCALE

**NOTES:**

- EACH ROW OF SHEAR CONNECTORS SHALL CONSIST OF 3 STUDS. FOR LATERAL SPACING, SEE GIRDER ELEVATION & DETAILS (3N), BRIDGE SHEET BR122.
- FOR FIELD SPLICE DETAILS, SEE SPLICE DETAILS (3N&S), BRIDGE SHEET BR125.
- ALL STRUCTURAL STEEL WITHIN 7 FEET OF END OF GIRDER AT EXPANSION END SHALL BE COATED WITH A PROTECTIVE PAINT SYSTEM, WITH THE FINAL COAT TO BE DARK BROWN (COLOR CHIP #20059) TO BLEND WITH THE WEATHERING STEEL. THE COST OF PAINTING SHALL BE PAID FOR UNDER ITEM 513.25, "STRUCTURAL PAINTING, SHOP APPLIED (11 TONS)".
- FOR DETAIL A, SEE GIRDER ELEVATION & DETAILS (3N), BRIDGE SHEET BR122.
- DEAD LOAD DEFLECTION DIAGRAM INCLUDES GIRDER SELF WEIGHT, CONCRETE SLAB, PAVEMENT, CURBS, AND RAILING WEIGHTS.

		DL DEFLECTION																															
BRIDGE	CL	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	CL	ABUT. 2
3S	0"	0 3/8"	0 3/4"	0 15/16"	1 1/16"	1"	0 13/16"	0 9/16"	0 5/16"	0 1/16"	0"	0 3/16"	0 9/16"	0 15/16"	1 1/4"	1 5/16"	1 1/4"	0 15/16"	0 9/16"	0 3/16"	0"	0 1/16"	0 5/16"	0 9/16"	0 13/16"	1"	1 1/16"	0 15/16"	0 3/4"	0 3/8"	0"		

		TOTAL CAMBER																															
BRIDGE	CL	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	CL	ABUT. 2
3S	0"	0 13/16"	1 1/2"	1 7/8"	2 1/16"	1 15/16"	1 9/16"	1 1/16"	0 9/16"	0 1/8"	0"	0 5/16"	1"	1 3/4"	2 3/8"	2 9/16"	2 3/8"	1 3/4"	1"	0 5/16"	0"	0 1/8"	0 9/16"	1 1/16"	1 9/16"	1 15/16"	2 1/16"	1 7/8"	1 1/2"	0 13/16"	0"		

**STATE OF VERMONT  
AGENCY OF TRANSPORTATION**

Town Of	GUILFORD	Bridge No.	<b>35</b>
Highway No.	I-91	Log Sta.	
		Surv. Sta.	
I-91 SB OVER BROAD BROOK & BROAD BROOK ROAD			
<b>GIRDER ELEVATION &amp; DETAILS (3S)</b>			
Designed By	M.J. MOZER	Drawn By	G.K. MORZE
Checked By	Date	Bridge Design Supervisor	Date
P.W. SZUSTAK	01/03	J.P. HALSTEAD	01/03
PROJECT	GUILFORD	PROJECT NO.	IM 091-(33)
TVGA CAD Drawing No.	G 5 GIR ELEV.dgn	Date	06/06/08
Bridge Sheet No.	BR123	Sheet	49 of 114