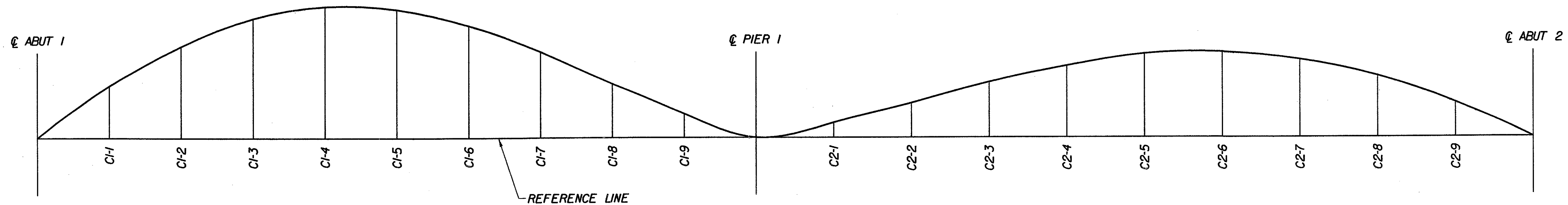


DEAD LOAD DEFLECTION DIAGRAM - BR 25A

DEFLECTION NOTES:

1. DEAD LOAD DEFLECTIONS AS SHOWN INCLUDES STEEL, DECK, CONCRETE, CURB, RAILING, AND WEARING SURFACE.
2. DEFLECTIONS ARE TABULATED IN INCHES.



CAMBER DIAGRAM - BR 25A

CAMBER NOTES:

1. CAMBERS ARE TABULATED IN INCHES
2. THE TOTAL CAMBER IS THE SUM OF STEEL DEAD LOAD, CONCRETE DEAD LOAD, SUPERIMPOSED DEAD LOAD AND RESIDUAL CAMBER. ALL CAMBER OFFSETS ARE MEASURED VERTICALLY TO THE TOP OF WEB FROM A STRAIGHT REFERENCE LINE DRAWN FROM THE INTERSECTION OF TOP OF WEB AND CENTERLINE OF BEARINGS AT ONE END OF GIRDER TO THE CORRESPONDING POINT AT THE OTHER END OF THE GIRDER.
3. POSITIVE NUMBERS IN THE TABLE ARE ABOVE THE STRAIGHT REFERENCE LINE.
4. NEGATIVE NUMBERS IN THE TABLE ARE BELOW THE STRAIGHT REFERENCE LINE.

DEAD LOAD DEFLECTIONS - BR 25A																					
STRINGER	ABUT. 1	DI-1	DI-2	DI-3	DI-4	DI-5	DI-6	DI-7	DI-8	DI-9	PIER 1	D2-1	D2-2	D2-3	D2-4	D2-5	D2-6	D2-7	D2-8	D2-9	ABUT. 2
G1	0	-1 7/16"	-2 5/16"	-3 1/16"	-3 1/16"	-3 1/2"	-2 5/16"	-2 1/16"	-1 1/8"	-0 7/16"	0	0	-0 5/16"	-0 3/16"	-1 3/8"	-1 13/16"	-2"	-1 7/8"	-1 1/2"	-0 3/16"	0
G2	0	-1 3/8"	-2 1/2"	-3 1/4"	-3 1/16"	-3 1/16"	-2 1/8"	-2 1/16"	-1 1/8"	-0 7/16"	0	0	-0 1/4"	-0 3/4"	-1 1/4"	-1 11/16"	-1 7/8"	-1 13/16"	-1 7/16"	-0 3/16"	0
G3	0	-1 5/16"	-2 1/16"	-3 3/16"	-3 1/2"	-3 3/8"	-2 1/8"	-2 1/16"	-1 3/16"	-0 7/16"	0	0	-0 1/4"	-0 11/16"	-1 3/16"	-1 9/16"	-1 3/4"	-1 11/16"	-1 5/16"	-0 3/4"	0
G4	0	-1 5/16"	-2 1/16"	-3 3/16"	-3 1/2"	-3 3/8"	-2 1/8"	-2 1/16"	-1 3/16"	-0 7/16"	0	0 1/16"	-0 3/16"	-0 5/16"	-1 1/8"	-1 1/2"	-1 11/16"	-1 9/16"	-1 1/4"	-0 1/16"	0
G5	0	-1 3/8"	-2 1/2"	-3 1/4"	-3 1/16"	-3 1/16"	-2 1/8"	-2 1/16"	-1 3/16"	-0 7/16"	0	0 1/16"	-0 3/16"	-0 5/16"	-1"	-1 3/8"	-1 3/16"	-1 1/2"	-1 3/16"	-0 1/16"	0

TOTAL CAMBER - BR 25A																					
STRINGER	ABUT. 1	CI-1	CI-2	CI-3	CI-4	CI-5	CI-6	CI-7	CI-8	CI-9	PIER 1	C2-1	C2-2	C2-3	C2-4	C2-5	C2-6	C2-7	C2-8	C2-9	ABUT. 2
G1	0	2 3/16"	3 1/8"	5 1/16"	5 1/16"	5 1/16"	4 3/4"	3 5/8"	2 1/4"	1"	0	0 5/8"	1 7/16"	2 5/16"	3 1/16"	3 3/16"	3 1/16"	3 5/16"	2 9/16"	1 7/16"	0
G2	0	2"	3 1/16"	4 1/16"	5 3/8"	5 1/16"	4 1/16"	3 5/8"	2 3/8"	1 1/16"	0	0 5/8"	1 3/8"	2 1/4"	2 7/16"	3 1/16"	3 1/2"	3 3/16"	2 1/2"	1 3/8"	0
G3	0	2"	3 5/8"	4 3/4"	5 1/16"	5 1/4"	4 1/16"	3 5/8"	2 3/8"	1 1/16"	0	0 9/16"	1 5/16"	2 1/8"	2 7/16"	3 5/16"	3 3/8"	3 1/8"	2 1/16"	1 3/8"	0
G4	0	2"	3 1/16"	4 1/16"	5 1/4"	5 1/4"	4 1/16"	3 5/8"	2 3/8"	1 1/16"	0	0 9/16"	1 5/16"	2 1/16"	2 3/4"	3 3/16"	3 1/4"	3"	2 5/16"	1 5/16"	0
G5	0	2"	3 5/8"	4 3/4"	5 1/16"	5 1/4"	4 1/16"	3 1/16"	2 3/8"	1 1/8"	0	0 9/16"	1 1/4"	2"	2 5/8"	3 1/16"	3 3/16"	2 7/8"	2 1/4"	1 1/4"	0

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	SEARSBURG	Bridge No.	25A
Highway No.	VT. RTE. 9	Log Sta.	
Surv. Sta.			
VT. RTE. 9 OVER DEERFIELD RIVER			
CAMBER & DEAD LOAD DEFLECTION - BR 25A			
Designed By	D. VIENI	Drawn by	K. DETRICK
Checked By	M. OLSTAD	Date	12/2001
		Bridge Design Supervisor	M. OLSTAD
		Date	12/2001
PROJECT	SEARSBURG - WILMINGTON		PROJECT NO.
			NHF OIO-1081
LOG. Info.			
Bridge Sheet No.	BR313	Sheet	177 OF 435

