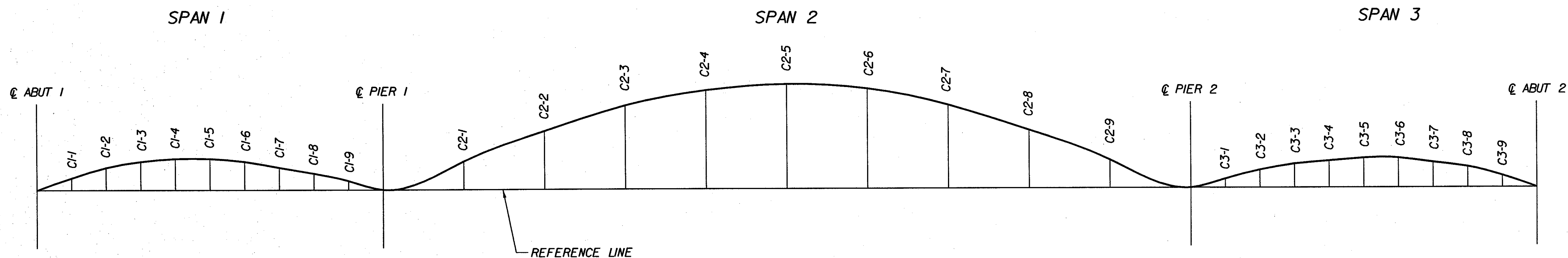


DEAD LOAD DEFLECTION DIAGRAM - BR 25

- 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 25

- 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 25

GIRDER	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	PIER 2	D3-1	D3-2	D3-3	D3-4	D3-5	D3-6	D3-7	D3-8	D3-9	ABUT. 2
G1	0	0	0/16"	0/16"	0/16"	0/16"	0/16"	0/4"	0/4"	0/16"	0	-0/16"	-1/16"	-2/16"	-2/16"	-3/16"	-2/16"	-2/16"	-1/2"	-0/16"	0	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/4"	0/16"	0/16"	0
G2	0	0	0/16"	0/16"	0/16"	0/16"	0/4"	0/4"	0/4"	0/16"	0	-0/16"	-1/16"	-2/16"	-2/16"	-2/16"	-2/16"	-2/16"	-1/2"	-0/16"	0	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/4"	0/16"	0/16"	0
G3	0	0	0/16"	0/16"	0/16"	0/4"	0/16"	0/16"	0/16"	0/16"	0	-0/16"	-1/16"	-2/16"	-2/16"	-2/16"	-2/16"	-1/16"	-0/16"	0	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/4"	0/16"	0/16"	0/16"	0
G4	0	0/16"	0/16"	0/16"	0/4"	0/16"	0/16"	0/16"	0/16"	0/16"	0	-0/16"	-1/2"	-2/16"	-2/16"	-2/16"	-2/16"	-1/16"	-0/16"	0	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/4"	0/16"	0/16"	0/16"	0
G5	0	0/16"	0/16"	0/16"	0/16"	0/2"	0/2"	0/2"	0/16"	0/4"	0	-0/16"	-1/16"	-2/16"	-3/16"	-3/16"	-2/16"	-2/16"	-1/2"	-0/16"	0	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0

TOTAL CAMBER - BR 25

GIRDER	ABUT. 1	C1-1	C1-2	C1-3	C1-4	C1-5	C1-6	C1-7	C1-8	C1-9	PIER 1	C2-1	C2-2	C2-3	C2-4	C2-5	C2-6	C2-7	C2-8	C2-9	PIER 2	C3-1	C3-2	C3-3	C3-4	C3-5	C3-6	C3-7	C3-8	C3-9	ABUT. 2	
G1	0	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0	1/16"	2/16"	3/16"	4/16"	4/16"	4/16"	3/16"	2/16"	1/16"	0	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/4"	0	
G2	0	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0	1/16"	2/16"	3/16"	4/16"	4/16"	4/16"	3/16"	2/16"	1/4"	0	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0
G3	0	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0	1/16"	2/16"	3/16"	4/16"	4/16"	4/16"	3/16"	2/16"	1/16"	0	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0
G4	0	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0	1/4"	2/16"	3/16"	4/16"	4/16"	4/16"	3/16"	2/16"	1/16"	0	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0
G5	0	0/16"	0/16"	0/16"	0/16"	0/2"	0/16"	0/16"	0/16"	0/16"	0	1/16"	2/16"	3/16"	4/16"	4/16"	4/16"	3/16"	2/16"	1/16"	0	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0/16"	0

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town of	SEARSBURG	Bridge No. 25	
Highway No.	VT. RTE. 9	Log Sta.	
		Surv. Sta.	
VT. RTE. 9 OVER DEERFIELD RIVER			
CAMBER & DEAD LOAD DEFLECTION - BR 25			
Designed By	D. VIENI	Drawn by	K. DETRICK
Checked By	M. OLSTAD	Date	2/2002
		Bridge Design Supervisor	M. OLSTAD
		Date	2/2002
PROJECT	SEARSBURG - WILMINGTON	PROJECT NO.	NHF 010-1181
I.G.C. Info.		Bridge Sheet No. BR213	

CHA CLOUGH, HARBOUR & ASSOCIATES LLP
ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS
WINNERS CIRCLE ALBANY, NEW YORK, 12205