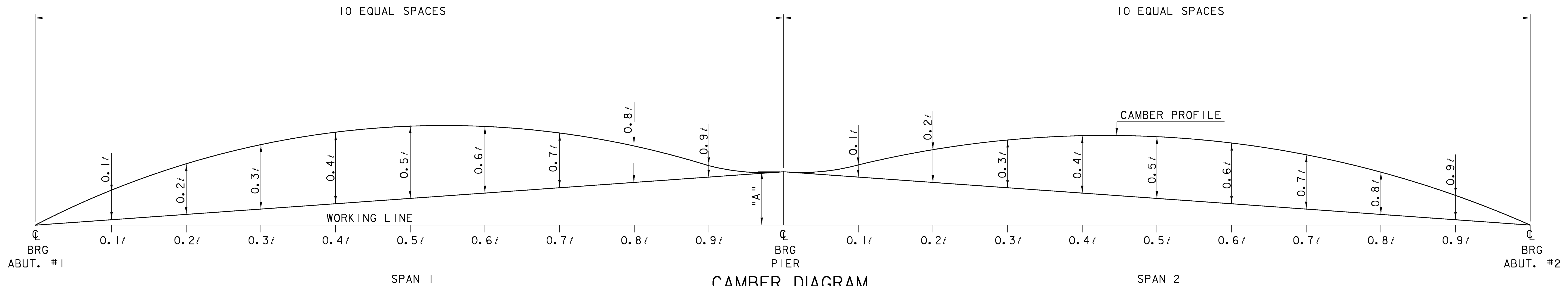


DEFLECTION DIAGRAM

NTS - SEE TABLE BELOW



CAMBER DIAGRAM

NTS - SEE TABLE BELOW

Girder		SPAN 1										SPAN 2										
		0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
1	Steel Deflection	0	-0 3/16	-0 3/8	-0 1/2	-0 9/16	-0 1/2	-0 7/16	-0 5/16	-0 3/16	-0 1/16	0	-0 1/16	-0 3/16	-0 5/16	-0 7/16	-0 9/16	-0 1/2	-0 3/8	-0 3/16	0	
	Slab & Super Deflection	0	-0 5/8	-1 1/8	-1 7/16	-1 9/16	-1 1/2	-1 1/4	-0 7/8	-0 1/2	-0 1/8	0	-0 1/8	-0 1/2	-0 7/8	-1 1/4	-1 1/2	-1 9/16	-1 7/16	-1 1/8	-0 5/8	0
	Total Deflection	0	-0 13/16	-1 1/2	-1 15/16	-2 1/8	-2	-1 11/16	-1 3/16	-0 11/16	-0 3/16	0	-0 3/16	-0 11/16	-1 3/16	-1 11/16	-2	-2 1/8	-1 15/16	-1 1/2	-0 13/16	0
	Residual Camber	0	1 3/8	2 3/8	3 1/8	3 5/8	3 3/4	3 5/8	3 1/8	2 3/8	1 3/8	0	1 3/8	2 3/8	3 1/8	3 5/8	3 3/4	3 5/8	3 1/8	2 3/8	1 3/8	0
	Total Camber	0	2 3/16	3 7/8	5 1/16	5 3/4	5 3/4	5 5/16	4 5/16	3 1/16	1 9/16	0	1 9/16	3 1/16	4 5/16	5 5/16	5 3/4	5 3/4	5 1/16	3 7/8	2 3/16	0
2	"A" Distance	10 1/4																				
	Steel Deflection	0	-0 3/16	-0 5/16	-0 3/8	-0 7/16	-0 7/16	-0 3/8	-0 1/4	-0 1/8	-0 1/16	0	-0 1/16	-0 1/8	-0 1/4	-0 3/8	-0 7/16	-0 7/16	-0 5/16	-0 3/16	0	
	Slab & Super Deflection	0	-0 9/16	-1 1/16	-1 3/8	-1 1/2	-1 7/16	-1 1/4	-0 7/8	-0 1/2	-0 1/8	0	-0 1/8	-0 7/16	-1 1/4	-1 7/16	-1 1/2	-1 3/8	-1 1/16	-0 9/16	0	
	Total Deflection	0	-0 3/4	-1 3/8	-1 13/16	-1 15/16	-1 7/8	-1 5/8	-1 1/8	-0 5/8	-0 3/16	0	-0 3/16	-0 5/8	-1 1/8	-1 5/8	-1 7/8	-1 15/16	-1 13/16	-1 3/8	-0 3/4	0
	Residual Camber	0	1 3/8	2 3/8	3 1/8	3 5/8	3 3/4	3 5/8	3 1/8	2 3/8	1 3/8	0	1 3/8	2 3/8	3 1/8	3 5/8	3 3/4	3 5/8	3 1/8	2 3/8	1 3/8	0
3	Total Camber	0	2 1/8	3 3/4	4 15/16	5 9/16	5 5/8	5 1/4	4 1/4	3	1 9/16	0	1 9/16	3	4 1/4	5 1/4	5 5/8	5 9/16	4 15/16	3 3/4	2 1/8	0
	"A" Distance	10 1/4																				
	Steel Deflection	0	-0 3/16	-0 5/16	-0 3/8	-0 7/16	-0 3/8	-0 5/16	-0 1/4	-0 1/8	-0 1/16	0	-0 1/16	-0 1/8	-0 1/4	-0 5/16	-0 3/8	-0 7/16	-0 3/8	-0 5/16	-0 3/16	0
	Slab & Super Deflection	0	-0 9/16	-1 1/16	-1 3/8	-1 1/2	-1 7/16	-1 3/16	-0 13/16	-0 7/16	-0 1/8	0	-0 1/8	-0 7/16	-0 13/16	-1 3/16	-1 7/16	-1 1/2	-1 3/8	-1 1/16	-0 9/16	0
	Total Deflection	0	-0 3/4	-1 3/8	-1 3/4	-1 15/16	-1 13/16	-1 1/2	-1 1/16	-0 9/16	-0 3/16	0	-0 3/16	-0 9/16	-1 1/16	-1 1/2	-1 13/16	-1 15/16	-1 3/4	-1 3/8	-0 3/4	0
4	Residual Camber	0	1 3/8	2 3/8	3 1/8	3 5/8	3 3/4	3 5/8	3 1/8	2 3/8	1 3/8	0	1 3/8	2 3/8	3 1/8	3 5/8	3 3/4	3 5/8	3 1/8	2 3/8	1 3/8	0
	Total Camber	0	2 1/16	3 5/8	4 13/16	5 7/16	5 1/2	5 1/8	4 1/8	2 15/16	1 9/16	0	1 9/16	2 15/16	4 1/8	5 1/8	5 1/2	5 7/16	4 13/16	3 5/8	2 1/16	0
	"A" Distance	10 1/4																				
	Steel Deflection	0	-0 1/8	-0 1/4	-0 3/8	-0 3/8	-0 3/8	-0 5/16	-0 3/16	-0 1/8	-0 1/16	0	-0 1/16	-0 1/8	-0 3/16	-0 1/4	-0 5/16	-0 3/8	-0 3/8	-0 1/4	-0 1/8	0
	Slab & Super Deflection	0	-0 9/16	-1	-1 5/16	-1 7/16	-1 3/8	-1 3/16	-0 13/16	-0 7/16	-0 1/8	0	-0 1/8	-0 7/16	-0 13/16	-1 3/16	-1 7/16	-1 7/16	-1 5/16	-1	-0 9/16	0
5	Total Deflection	0	-0 11/16	-1 1/4	-1 11/16	-1 13/16	-1 3/4	-1 1/2	-1	-0 9/16	-0 3/16	0	-0 3/16	-0 9/16	-1	-1 1/2	-1 3/4	-1 13/16	-1 11/16	-1 1/4	-0 11/16	0
	Residual Camber	0	1 3/8	2 3/8	3 1/8	3 5/8	3 3/4	3 5/8	3 1/8	2 3/8	1 3/8	0	1 3/8	2 3/8	3 1/8	3 5/8	3 3/4	3 5/8	3 1/8	2 3/8	1 3/8	0
	Total Camber	0	2	3 9/16	4 5/8	5 1/4	5 5/16	4 15/16	4 1/16	2 15/16	1 9/16	0	1 9/16	2 15/16	4 1/16	4 15/16	5 5/16	5 1/4	4 5/8	3 9/16	2	0
	"A" Distance	10 1/4																				
	Steel Deflection	0	-0 1/8	-0 1/4	-0 5/16	-0 5/16	-0 5/16	-0 1/4	-0 3/16	-0 1/8	-0 1/16	0	-0 1/16	-0 1/8	-0 3/16	-0 1/4	-0 5/16	-0 5/16	-0 5/16	-0 1/4	-0 1/8	0
Slab & Super Deflection	0	-0 1/2	-0 15/16	-1 3/16	-1 5/16	-1 1/4	-1 1/16	-0 3/4	-0 7/16	-0 1/8	0	-0 1/8	-0 7/16	-0 3/4	-1 1/16	-1 1/4	-1 5/16	-1 3/16	-0 15/16	-0 1/2	0	
Total Deflection	0	-0 5/8	-1 3/16	-1 1/2	-1 5/8	-1 9/16	-1 5/16	-0 15/16	-0 9/16	-0 3/16	0	-0 3/16	-0 9/16	-0 15/16	-1 5/16	-1 9/16	-1 5/8	-1 1/2	-1 3/16	-0 5/8	0	
Residual Camber	0	1 3/8	2 3/8	3 1/8	3 5/8	3 3/4	3 5/8	3 1/8	2 3/8	1 3/8	0	1 3/8	2 3/8	3 1/8	3 5/8	3 3/4	3 5/8	3 1/8	2 3/8	1 3/8	0	
Total Camber	0	2	3 9/16	4 5/8	5 1/4	5 5/16	4 15/16	4 1/16	2 15/16	1 9/16	0	1 9/16	2 15/16	4 1/16	4 15/16	5 5/16	5 1/4	4 5/8	3 9/16	2	0	
"A" Distance	10 1/4																					

NOTES:

- DIMENSIONS SHOWN ARE ALONG THE ARC OF THE ϕ OF THE GIRDER.
- ENDS OF GIRDERS SHALL BE FABRICATED SO THAT THEY WILL BE PLUMB UNDER FULL DEAD LOAD.
- BEARINGS STIFFENERS SHALL BE PLUMB AND PERPENDICULAR TO THE WEB IN THEIR FINAL POSITION.
- STEEL DEFLECTION IS DUE TO GIRDERS AND CROSSFRAMES.
- SLAB & SUPER DEFLECTION IS DUE TO DECK, CURB, RAILING AND PAVEMENT.
- WORKING LINE IS A STRAIGHT LINE BASED ON THE ELEVATION AT THE BOTTOM OF THE WEB AT THE CENTERLINE OF BEARING AT THE ABUTMENTS.

DEAD LOAD & CAMBER DIAGRAMS

PROJECT NAME:	STOCKBRIDGE	FILE NAME:	/78f238/str5/sf238sup.dgn	PLOT DATE:	06-FEB-2008
PROJECT NUMBER:	BRF 013-4(21)	PROJECT LEADER:	K. HIGGINS	DRAWN BY:	R. PELLETT
		DESIGNED BY:	T. SUMNER	CHECKED BY:	T. FILLBACH
			sf238d.l	SHEET	78 OF 144