



CAMBER DIAGRAM

VERTICAL OFFSETS @ BEARING POINTS					
	PIER 1	PIER 2	PIER 3	PIER 4	PIER 5
BEAM 1	9 ³ / ₁₆ "	1'-11 ¹ / ₄ "	2'-6 ⁷ / ₈ "	2'-4 ¹ / ₄ "	1'-3 ¹ / ₄ "
BEAM 2	10 ¹ / ₁₆ "	1'-11 ⁵ / ₈ "	2'-7 ¹ / ₄ "	2'-4 ¹ / ₂ "	1'-3 ⁵ / ₁₆ "
BEAM 3	9 ⁷ / ₈ "	1'-11 ³ / ₄ "	2'-7 ¹ / ₁₆ "	2'-4 ¹ / ₁₆ "	1'-3 ⁵ / ₁₆ "
BEAM 4	10"	2'-0 ¹ / ₁₆ "	2'-7 ¹ / ₁₆ "	2'-4 ³ / ₄ "	1'-3 ⁷ / ₁₆ "
BEAM 5	10 ³ / ₁₆ "	2'-0 ¹ / ₂ "	2'-7 ⁵ / ₁₆ "	2'-5"	1'-3 ⁵ / ₈ "
BEAM 6	10 ¹ / ₂ "	2'-0 ⁷ / ₈ "	2'-8 ¹ / ₄ "	2'-5 ¹ / ₈ "	1'-3 ¹ / ₁₆ "

BEAM DEFLECTIONS AND CAMBER (IN INCHES)

NOTE: DEFLECTIONS AND CURVE ADJUSTMENTS ARE GIVEN TO THE NEAREST 1/16 INCH.

FASCIA BEAM 1	POINT	SPAN 1			SPAN 2			SPAN 3			SPAN 4			SPAN 5			SPAN 6								
		1/4 SPAN	1/2 SPAN	3/4 SPAN	FIELD SPLICE #1	1/4 SPAN	1/2 SPAN	3/4 SPAN	FIELD SPLICE #2	1/4 SPAN	1/2 SPAN	3/4 SPAN	FIELD SPLICE #3	1/4 SPAN	1/2 SPAN	3/4 SPAN	FIELD SPLICE #4	1/4 SPAN	1/2 SPAN	3/4 SPAN	FIELD SPLICE #5				
FASCIA BEAM 1	DEFLECTION DUE TO WEIGHT OF STEEL	0	0	0	1/16	1/16	1/8	1/16	0	1/16	1/16	1/16	1/16	1/16	1/16	1/16	0	1/16	1/8	1/16	1/16	0	0	0	
	DEFLECTION DUE TO REMAINING DEAD LOAD	1/8	1/8	1/16	3/16	1/4	7/16	1/4	3/16	3/16	3/8	3/16	3/16	3/16	3/16	3/16	3/16	1/4	7/16	1/4	3/16	1/16	1/8	1/8	
	ADJUSTMENT REQUIRED FOR VERTICAL AND HORIZONTAL CURVES	5/16	3/16	0	0	0	-1/16	-1/16	7/8	15/16	1/4	1	15/16	1	1/4	1/16	15/16	1/16	1/8	1	13/16	3/16	5/8	7/16	
	REQUIRED SHOP CAMBER	7/16	5/16	1/16	1/4	5/16	1/2	1/4	1/16	13/16	11/16	1/4	13/16	1/4	11/16	15/16	1/8	13/8	115/16	15/16	1/16	1/4	3/4	9/16	
INTERIOR BEAM 2	DEFLECTION DUE TO WEIGHT OF STEEL	0	0	0	1/16	1/16	1/8	1/16	0	1/16	1/16	1/16	1/16	1/16	1/16	1/16	0	1/16	1/8	1/16	1/16	0	0	0	
	DEFLECTION DUE TO REMAINING DEAD LOAD	3/16	3/16	1/16	3/16	5/16	1/2	5/16	3/16	3/16	7/16	1/4	3/16	1/4	7/16	3/16	3/16	5/16	1/2	5/16	3/16	1/16	3/16	3/16	
	ADJUSTMENT REQUIRED FOR VERTICAL AND HORIZONTAL CURVES	5/16	1/4	1/8	0	0	1/16	1/16	7/8	15/16	15/16	15/16	7/8	15/16	1/4	1	7/8	7/8	15/16	1	7/8	9/16	11/16	3/8	
	REQUIRED SHOP CAMBER	1/2	7/16	3/16	1/4	3/8	11/16	7/16	1/16	13/16	113/16	1/4	1/8	1/4	13/4	1/4	1/16	1/4	115/16	13/8	1/8	5/8	7/8	9/16	
INTERIOR BEAM 3	DEFLECTION DUE TO WEIGHT OF STEEL	0	0	0	1/16	1/16	1/8	1/16	0	1/16	1/16	1/16	1/16	1/16	1/16	1/16	0	1/16	1/8	1/16	1/16	0	0	0	
	DEFLECTION DUE TO REMAINING DEAD LOAD	3/16	3/16	1/16	3/16	5/16	1/2	5/16	3/16	3/16	7/16	1/4	3/16	1/4	7/16	3/16	3/16	5/16	1/2	5/16	3/16	1/16	3/16	3/16	
	ADJUSTMENT REQUIRED FOR VERTICAL AND HORIZONTAL CURVES	1/4	1/8	1/16	0	1/16	0	0	7/8	11/16	13/8	7/8	13/16	1	1/4	15/16	13/16	1	13/8	15/16	13/16	5/8	3/4	7/16	
	REQUIRED SHOP CAMBER	7/16	5/16	1/8	1/4	7/16	5/8	3/8	1/16	15/16	17/8	13/16	1/16	15/16	13/4	13/16	1	13/8	2	15/16	1/16	1/16	15/16	5/8	
INTERIOR BEAM 4	DEFLECTION DUE TO WEIGHT OF STEEL	0	0	0	1/16	1/16	1/8	1/16	0	1/16	1/16	1/16	1/16	1/16	1/16	1/16	0	1/16	1/8	1/16	1/16	0	0	0	
	DEFLECTION DUE TO REMAINING DEAD LOAD	3/16	3/16	1/16	3/16	5/16	1/2	5/16	3/16	3/16	7/16	1/4	3/16	1/4	7/16	3/16	3/16	5/16	1/2	5/16	3/16	1/16	3/16	3/16	
	ADJUSTMENT REQUIRED FOR VERTICAL AND HORIZONTAL CURVES	1/8	1/8	1/16	0	0	0	0	15/16	1	13/8	15/16	15/16	15/16	15/16	15/16	1	7/8	1	15/16	1/16	15/16	9/16	5/8	7/16
	REQUIRED SHOP CAMBER	5/16	5/16	1/8	1/4	3/8	5/8	3/8	1/8	1/4	17/8	1/4	13/16	1/4	113/16	1/4	1/16	13/8	115/16	17/16	13/16	5/8	13/16	5/8	
INTERIOR BEAM 5	DEFLECTION DUE TO WEIGHT OF STEEL	0	0	0	1/16	1/16	1/8	1/16	0	1/16	1/16	1/16	1/16	1/16	1/16	1/16	0	1/16	1/8	1/16	1/16	0	0	0	
	DEFLECTION DUE TO REMAINING DEAD LOAD	3/16	3/16	1/16	3/16	5/16	1/2	5/16	3/16	3/16	7/16	1/4	3/16	1/4	7/16	3/16	3/16	5/16	1/2	5/16	3/16	1/16	3/16	3/16	
	ADJUSTMENT REQUIRED FOR VERTICAL AND HORIZONTAL CURVES	1/8	1/8	1/16	1/8	1/16	0	0	7/8	1/8	15/16	1	15/16	1	1/4	15/16	7/8	15/16	15/16	1	3/4	7/16	11/16	9/16	
	REQUIRED SHOP CAMBER	5/16	5/16	1/8	3/8	7/16	5/8	3/8	1/16	13/8	113/16	15/16	13/16	15/16	13/4	13/16	1/16	15/16	115/16	13/8	1	1/2	7/8	3/4	
FASCIA BEAM 6	DEFLECTION DUE TO WEIGHT OF STEEL	0	0	0	1/16	1/16	1/8	1/16	0	1/16	1/16	1/16	1/16	1/16	1/16	1/16	0	1/16	1/8	1/16	1/16	0	0	0	
	DEFLECTION DUE TO REMAINING DEAD LOAD	1/8	1/8	1/16	3/16	1/4	7/16	1/4	3/16	3/16	3/8	3/16	3/16	3/16	3/16	3/16	1/4	7/16	1/4	3/16	1/16	1/8	1/8		
	ADJUSTMENT REQUIRED FOR VERTICAL AND HORIZONTAL CURVES	1/8	1/8	0	0	1/16	1/8	3/16	1	11/16	15/16	15/16	7/8	1	15/16	15/16	7/8	1	15/16	1	11/16	7/16	5/8	9/16	
	REQUIRED SHOP CAMBER	1/4	1/4	1/16	1/4	3/8	11/16	1/2	13/16	15/16	13/4	13/16	1/8	1/4	13/4	13/16	1/16	15/16	17/8	15/16	15/16	1/2	3/4	11/16	

NOTATION:
BRG. - BEARING;
TYP. - TYPICAL;
ABUT. - ABUTMENT.