



CAMBER DIAGRAM

VERTICAL OFFSETS @ BEARING POINTS					
	PIER 1	PIER 2	PIER 3	PIER 4	PIER 5
BEAM 1	9 ¹³ / 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 ¹⁵ / 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	1/4 SPAN	1/2 SPAN	3/4 SPAN
	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	3/8	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	13/8	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 1/16	1 3/16	1 11/16	1/4	1 3/16	1/4	1 11/16	1 5/16	1/8	1 3/8	1 5/16	1 5/16	1/16	1/4	3/4	9/16

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

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BEAM DEFLECTIONS AND CAMBER
BRIDGE NO. LAK-90-0945
S.R. 615 OVER INTERSTATE 90

LAK-IR90/SR615-9.26/1.51

30 / 41
357
343