

DF(Δ)	0.5
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Nb	4
NL	2
MPF	1

$$\Delta_{actual} = \frac{\Delta_{I=1}}{I_{Short\ Term\ Composite}} \left(\frac{29000\ ksi}{E_{beam}} \right)$$

**Max
1.875**

Live Load Deflections (in)

Span		Truck (for l = 1)		Lane (for l = 1)		Case 1 (T)		Case 2 (25%T + L)		Governing Case		DF	LL+IM	
x/L	x (ft)	(+)	(-)	(+)	(-)	(+)	(-)	(+)	(-)	(+)	(-)		(+)	(-)
0	0	0	0	0	0	0	0	0	0	0	0	0.500	0	0
0.1	12.5	51634.1	0	38056.1	0	1.057	0	0.850	0	1.057	0	0.500	0.528	0
0.2	25	98487.6	0	72000.1	0	2.016	0	1.612	0	2.016	0	0.500	1.008	0
0.3	37.5	136223.8	0	98573.4	0	2.788	0	2.214	0	2.788	0	0.500	1.394	0
0.4	50	160728.0	0	115448.4	0	3.290	0	2.599	0	3.290	0	0.500	1.645	0
0.5	62.5	169133.8	0	121228.6	0	3.462	0	2.731	0	3.462	0	0.500	1.731	0
0.6	75	160728.0	0	115448.4	0	3.290	0	2.599	0	3.290	0	0.500	1.645	0
0.7	87.5	136223.8	0	98573.4	0	2.788	0	2.214	0	2.788	0	0.500	1.394	0
0.8	100	98487.6	0	72000.1	0	2.016	0	1.612	0	2.016	0	0.500	1.008	0
0.9	112.5	51634.1	0	38056.1	0	1.057	0	0.850	0	1.057	0	0.500	0.528	0
1	125	0	0	0	0	0	0	0	0	0	0	0.500	0	0