



**CAMBER DIAGRAM**

ORDINATE DIMENSION TABLE				
BEAM SPAN (€ BRG-€ BRG)	BEAM TYPE	a	b	c
20'	W21 x 93	10	2'	20'
30'	W21 x 93	10	3'	30'
40'	W24 x 117	10	4'	40'
50'	W30 x 173	10	5'	50'
60'	W36 x 170	10	6'	60'

THEORETICAL CAMBER TABLE *												
BEAM	BEAM SPAN (€ BRG-€ BRG)	CAMBER ORDINATES (in)										
		1-0	1-1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	1-9	1-10
W21 x 93	20'	0	0	0	0	0	0	0	0	0	0	0
W21 x 93	30'	0	0.08	0.15	0.20	0.24	0.25	0.24	0.20	0.15	0.08	0
W24 x 117	40'	0	0.15	0.28	0.39	0.46	0.48	0.46	0.39	0.28	0.15	0
W30 x 173	50'	0	0.17	0.33	0.45	0.52	0.55	0.52	0.45	0.33	0.17	0
W36 x 170	60'	0	0.30	0.56	0.76	0.90	0.94	0.90	0.76	0.56	0.30	0

\* CAMBER TABLE VALUES ONLY ACCOUNT FOR BEAM DEFLECTION DUE TO BEAM SELF WEIGHT, DECK & HAUNCH WEIGHT, DIAPHRAGMS AND BARRIERS. ADJUSTMENTS TO THE VALUES SHALL BE MADE TO ACCOUNT FOR THE ROADWAY PROFILE.