



NOTES

SLOPE FOR THE ZERO CAMBER BASE LINE VARIES.

VALUES GIVEN ARE AT THIRTIETH POINTS BETWEEN CENTERLINE OF BEARINGS.

DEFLECTIONS AND ORDINATES ARE IN FEET (DECIMAL FORM).

REQUIRED CAMBER VALUES ARE IN INCHES (FRACTION FORM).

DOWNWARD DEFLECTION IS INDICATED WITH A “-” SIGN.

GIRDER	LA
1	241.539’
2	242.336’
3	243.133’
4	243.930’

	SPAN "H"																														
	GIRDER 1																														
30TH POINTS	3.00	3.03	3.07	3.10	3.13	3.17	3.20	3.23	3.27	3.30	3.33	3.37	3.40	3.43	3.47	3.50	3.53	3.57	3.60	3.63	3.67	3.70	3.73	3.77	3.80	3.83	3.87	3.90	3.93	3.97	4.00
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.005	-0.012	-0.020	-0.030	-0.041	-0.052	-0.064	-0.076	-0.087	-0.098	-0.107	-0.114	-0.120	-0.124	-0.126	-0.126	-0.124	-0.120	-0.114	-0.106	-0.097	-0.086	-0.074	-0.062	-0.049	-0.037	-0.026	-0.016	-0.007	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.018	-0.041	-0.070	-0.103	-0.140	-0.179	-0.220	-0.261	-0.300	-0.335	-0.365	-0.389	-0.407	-0.419	-0.424	-0.422	-0.413	-0.398	-0.377	-0.350	-0.317	-0.280	-0.240	-0.199	-0.158	-0.118	-0.081	-0.049	-0.022	0.000
DEFLECTION DUE TO WT.OF BARRIER RAIL	0.000	-0.002	-0.005	-0.008	-0.012	-0.016	-0.020	-0.025	-0.029	-0.033	-0.036	-0.039	-0.042	-0.044	-0.045	-0.045	-0.045	-0.045	-0.043	-0.041	-0.038	-0.035	-0.031	-0.027	-0.023	-0.018	-0.014	-0.010	-0.006	-0.003	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.025	-0.058	-0.099	-0.145	-0.197	-0.252	-0.308	-0.365	-0.420	-0.469	-0.511	-0.545	-0.570	-0.587	-0.595	-0.593	-0.582	-0.561	-0.532	-0.494	-0.449	-0.397	-0.342	-0.283	-0.225	-0.169	-0.117	-0.071	-0.032	0.000
VERTICAL CURVE ORDINATE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
SUPERELEVATION ORDINATE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
CAMBER DUE TO DISSIPATION RESULTING FROM HEAT CURVING **	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
REQUIRED CAMBER	0"	5⁄16"	1¹⁄16"	1¾"	1¾"	2¾"	3"	3¹¹⁄16"	4¾"	5¹⁄16"	5¾"	6¹⁄8"	6³⁄16"	6⁷⁄8"	7¹⁄16"	7¹⁄8"	7¹⁄8"	7"	6¾"	6¾"	5¹⁄16"	5¾"	4¾"	4¹⁄8"	3¾"	2¹¹⁄16"	2"	1⁷⁄16"	¾"	¾"	0"

	SPAN "H"																														
	GIRDER 2																														
30TH POINTS	3.00	3.03	3.07	3.10	3.13	3.17	3.20	3.23	3.27	3.30	3.33	3.37	3.40	3.43	3.47	3.50	3.53	3.57	3.60	3.63	3.67	3.70	3.73	3.77	3.80	3.83	3.87	3.90	3.93	3.97	4.00
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.006	-0.013	-0.022	-0.032	-0.044	-0.056	-0.069	-0.081	-0.093	-0.104	-0.113	-0.121	-0.127	-0.131	-0.133	-0.133	-0.131	-0.127	-0.121	-0.112	-0.103	-0.091	-0.079	-0.066	-0.053	-0.040	-0.028	-0.017	-0.008	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.019	-0.044	-0.075	-0.111	-0.150	-0.192	-0.235	-0.279	-0.320	-0.357	-0.389	-0.414	-0.433	-0.445	-0.450	-0.448	-0.439	-0.424	-0.401	-0.373	-0.338	-0.299	-0.257	-0.213	-0.169	-0.127	-0.088	-0.053	-0.024	0.000
DEFLECTION DUE TO WT.OF BARRIER RAIL	0.000	-0.002	-0.004	-0.007	-0.011	-0.015	-0.019	-0.023	-0.028	-0.031	-0.035	-0.038	-0.041	-0.043	-0.044	-0.045	-0.045	-0.044	-0.042	-0.040	-0.037	-0.034	-0.030	-0.026	-0.022	-0.017	-0.013	-0.009	-0.006	-0.003	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.027	-0.062	-0.105	-0.154	-0.209	-0.267	-0.327	-0.387	-0.444	-0.496	-0.540	-0.576	-0.602	-0.620	-0.628	-0.626	-0.614	-0.593	-0.562	-0.523	-0.475	-0.421	-0.362	-0.301	-0.239	-0.180	-0.124	-0.075	-0.034	0.000
VERTICAL CURVE ORDINATE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
SUPERELEVATION ORDINATE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
CAMBER DUE TO DISSIPATION RESULTING FROM HEAT CURVING **	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
REQUIRED CAMBER	0"	5⁄16"	¾"	1¼"	1⅞"	2½"	3⅜"	3⅝"	4⅝"	5⅝"	5⅞"	6½"	6⅝"	7¼"	7⅞"	7⅞"	7½"	7⅝"	7⅞"	6¾"	6¼"	5⅞"	5⅞"	4⅝"	3⅝"	2⅞"	2⅞"	1½"	⅞"	⅞"	0"

	SPAN "H"																														
	GIRDER 3																														
30TH POINTS	3.00	3.03	3.07	3.10	3.13	3.17	3.20	3.23	3.27	3.30	3.33	3.37	3.40	3.43	3.47	3.50	3.53	3.57	3.60	3.63	3.67	3.70	3.73	3.77	3.80	3.83	3.87	3.90	3.93	3.97	4.00
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.006	-0.014	-0.023	-0.034	-0.046	-0.059	-0.072	-0.085	-0.098	-0.109	-0.119	-0.127	-0.133	-0.138	-0.140	-0.140	-0.138	-0.133	-0.127	-0.118	-0.108	-0.096	-0.083	-0.070	-0.056	-0.042	-0.030	-0.018	-0.008	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.021	-0.047	-0.080	-0.117	-0.158	-0.203	-0.248	-0.294	-0.338	-0.377	-0.410	-0.437	-0.456	-0.469	-0.475	-0.473	-0.463	-0.447	-0.423	-0.393	-0.357	-0.316	-0.271	-0.225	-0.179	-0.134	-0.093	-0.056	-0.025	0.000
DEFLECTION DUE TO WT.OF BARRIER RAIL	0.000	-0.002	-0.005	-0.008	-0.012	-0.016	-0.020	-0.025	-0.029	-0.033	-0.037	-0.041	-0.043	-0.045	-0.047	-0.047	-0.047	-0.046	-0.045	-0.043	-0.040	-0.036	-0.032	-0.028	-0.023	-0.018	-0.014	-0.010	-0.006	-0.003	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.029	-0.066	-0.111	-0.163	-0.221	-0.282	-0.345	-0.408	-0.469	-0.523	-0.569	-0.607	-0.635	-0.653	-0.662	-0.660	-0.647	-0.625	-0.593	-0.551	-0.501	-0.444	-0.382	-0.318	-0.253	-0.190	-0.132	-0.080	-0.037	0.000
VERTICAL CURVE ORDINATE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
SUPERELEVATION ORDINATE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
CAMBER DUE TO DISSIPATION RESULTING FROM HEAT CURVING **	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
REQUIRED CAMBER	0"	5⁄16"	13⁄16"	15⁄16"	115⁄16"	25⁄8"	33⁄8"	41⁄8"	47⁄8"	55⁄8"	61⁄4"	613⁄16"	75⁄16"	75⁄8"	713⁄16"	715⁄16"	715⁄16"	73⁄4"	71⁄2"	71⁄8"	65⁄8"	6"	55⁄16"	49⁄16"	313⁄16"	31⁄16"	25⁄16"	19⁄16"	15⁄16"	7⁄16"	0"

	SPAN "H"																														
	GIRDER 4																														
30TH POINTS	3.00	3.03	3.07	3.10	3.13	3.17	3.20	3.23	3.27	3.30	3.33	3.37	3.40	3.43	3.47	3.50	3.53	3.57	3.60	3.63	3.67	3.70	3.73	3.77	3.80	3.83	3.87	3.90	3.93	3.97	4.00
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.006	-0.014	-0.024	-0.036	-0.048	-0.062	-0.075	-0.089	-0.102	-0.114	-0.124	-0.133	-0.140	-0.144	-0.147	-0.147	-0.144	-0.140	-0.133	-0.124	-0.113	-0.101	-0.087	-0.073	-0.058	-0.044	-0.031	-0.019	-0.009	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.022	-0.050	-0.083	-0.122	-0.165	-0.211	-0.258	-0.306	-0.352	-0.394	-0.429	-0.457	-0.478	-0.492	-0.498	-0.496	-0.486	-0.468	-0.443	-0.411	-0.373	-0.330	-0.283	-0.235	-0.186	-0.140	-0.097	-0.059	-0.027	0.000
DEFLECTION DUE TO WT.OF BARRIER RAIL	0.000	-0.003	-0.006	-0.010	-0.014	-0.019	-0.024	-0.029	-0.034	-0.038	-0.043	-0.046	-0.049	-0.052	-0.053	-0.054	-0.054	-0.053	-0.051	-0.049	-0.045	-0.042	-0.037	-0.032	-0.027	-0.022	-0.017	-0.012	-0.007	-0.003	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.031	-0.070	-0.118	-0.172	-0.232	-0.296	-0.362	-0.429	-0.493	-0.550	-0.600	-0.640	-0.670	-0.689	-0.698	-0.696	-0.683	-0.659	-0.625	-0.581	-0.528	-0.467	-0.402	-0.334	-0.266	-0.201	-0.140	-0.085	-0.039	0.000
VERTICAL CURVE ORDINATE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
SUPERELEVATION ORDINATE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CAMBER DUE TO DISSIPATION RESULTING FROM HEAT CURVING **	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REQUIRED CAMBER	0"	3⁄8"	1³⁄₁₆"	1¹⁄₁₆"	2¹⁄₁₆"	2¹³⁄₁₆"	3⁹⁄₁₆"	4³⁄₈"	5¹⁄₈"	5¹⁵⁄₁₆"	6⁵⁄₈"	7³⁄₁₆"	7¹¹⁄₁₆"	8¹⁄₁₆"	8¹⁄₄"	8³⁄₈"	8³⁄₈"	8³⁄₁₆"	7¹⁵⁄₁₆"	7¹⁄₂"	7"	6⁵⁄₁₆"	5⁵⁄₈"	4¹³⁄₁₆"	4"	3³⁄₁₆"	2⁷⁄₁₆"	1¹¹⁄₁₆"	1"	½"	0"