Schematic elevation: ℄ BEARING @ BENT 1 — FIELD SPLICE ✱ — REQUIRED CAMBER — FIELD SPLICE ✱ — ℄ BEARING @ END BENT 2

GIRDER 1

	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	F.S. 2	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.25	1.26	F.S. 1	1.27	1.28	1.29	1.30
DEFLECTION DUE TO WT. OF STEEL	0.000	-0.003	-0.011	-0.017	-0.029	-0.044	-0.057	-0.075	-0.092	-0.100	-0.110	-0.127	-0.143	-0.159	-0.172	-0.182	-0.193	-0.199	-0.200	-0.204	-0.201	-0.193	-0.188	-0.176	-0.160	-0.145	-0.125	-0.102	-0.101	-0.081	-0.055	-0.027	0.000
DEFLECTION DUE TO WT. OF SLAB ▲	0.000	-0.008	-0.025	-0.037	-0.063	-0.097	-0.127	-0.165	-0.204	-0.222	-0.243	-0.281	-0.317	-0.353	-0.383	-0.406	-0.432	-0.446	-0.450	-0.459	-0.453	-0.436	-0.425	-0.398	-0.361	-0.329	-0.285	-0.233	-0.228	-0.184	-0.125	-0.061	0.000
DEFL. DUE TO WT. OF BARRIER RAIL	0.000	-0.001	-0.004	-0.005	-0.009	-0.014	-0.019	-0.024	-0.030	-0.032	-0.035	-0.041	-0.046	-0.051	-0.055	-0.058	-0.061	-0.063	-0.064	-0.065	-0.064	-0.061	-0.059	-0.056	-0.050	-0.046	-0.040	-0.032	-0.032	-0.025	-0.017	-0.008	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.012	-0.039	-0.059	-0.101	-0.155	-0.203	-0.263	-0.326	-0.355	-0.388	-0.449	-0.505	-0.563	-0.610	-0.646	-0.687	-0.708	-0.714	-0.728	-0.717	-0.690	-0.672	-0.629	-0.571	-0.521	-0.450	-0.367	-0.361	-0.290	-0.197	-0.097	0.000
VERTICAL CURVE ORDINATE	0.000	0.034	0.066	0.095	0.123	0.148	0.171	0.190	0.208	0.216	0.224	0.237	0.247	0.255	0.261	0.265	0.266	0.265	0.261	0.256	0.247	0.236	0.223	0.208	0.191	0.170	0.147	0.123	0.121	0.096	0.065	0.034	0.000
REQUIRED CAMBER	0"	9/16"	1 1/4"	1 7/8"	2 11/16"	3 5/8"	4 1/2"	5 7/16"	6 7/16"	6 7/8"	7 5/16"	8 1/4"	9"	9 13/16"	10 7/16"	10 15/16"	11 7/16"	11 11/16"	11 11/16"	11 13/16"	11 9/16"	11 1/8"	10 3/4"	10 1/16"	9 1/8"	8 5/16"	7 3/16"	5 7/8"	5 3/4"	4 5/8"	3 1/8"	1 9/16"	0"

GIRDER 2

	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	F.S. 2	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.25	F.S. 1	1.26	1.27	1.28	1.29	1.30
DEFLECTION DUE TO WT. OF STEEL	0.000	-0.004	-0.012	-0.018	-0.030	-0.044	-0.056	-0.072	-0.083	-0.088	-0.103	-0.119	-0.132	-0.147	-0.158	-0.167	-0.177	-0.182	-0.183	-0.185	-0.182	-0.175	-0.170	-0.159	-0.144	-0.131	-0.113	-0.093	-0.092	-0.073	-0.049	-0.024	0.000
DEFLECTION DUE TO WT. OF SLAB ▲	0.000	-0.010	-0.028	-0.042	-0.068	-0.101	-0.130	-0.167	-0.195	-0.205	-0.243	-0.280	-0.314	-0.349	-0.378	-0.399	-0.424	-0.437	-0.440	-0.449	-0.442	-0.425	-0.414	-0.387	-0.352	-0.321	-0.277	-0.229	-0.226	-0.179	-0.121	-0.060	0.000
DEFL. DUE TO WT. OF BARRIER RAIL	0.000	-0.001	-0.003	-0.004	-0.007	-0.011	-0.014	-0.017	-0.020	-0.021	-0.025	-0.028	-0.032	-0.035	-0.038	-0.040	-0.042	-0.043	-0.043	-0.044	-0.043	-0.041	-0.040	-0.037	-0.034	-0.031	-0.026	-0.022	-0.022	-0.017	-0.011	-0.006	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.015	-0.043	-0.064	-0.105	-0.155	-0.200	-0.256	-0.299	-0.314	-0.371	-0.427	-0.478	-0.531	-0.574	-0.606	-0.643	-0.662	-0.666	-0.678	-0.667	-0.642	-0.624	-0.583	-0.530	-0.483	-0.417	-0.344	-0.340	-0.269	-0.182	-0.090	0.000
VERTICAL CURVE ORDINATE	0.000	0.032	0.062	0.089	0.115	0.138	0.160	0.178	0.190	0.194	0.209	0.222	0.231	0.239	0.244	0.248	0.249	0.248	0.244	0.239	0.232	0.221	0.209	0.195	0.178	0.159	0.138	0.116	0.115	0.090	0.061	0.032	0.000
REQUIRED CAMBER	0"	9/16"	1 1/4"	1 7/8"	2 5/8"	3 1/2"	4 5/16"	5 5/16"	5 7/8"	6 1/8"	6 15/16"	7 13/16"	8 1/2"	9 1/4"	9 13/16"	10 1/4"	10 11/16"	10 15/16"	10 15/16"	11"	10 13/16"	10 3/8"	10"	9 5/16"	8 1/2"	7 11/16"	6 11/16"	5 1/2"	5 7/16"	4 5/16"	2 15/16"	1 7/16"	0"

GIRDER 3

	1.00	1.01	1.02	1.03	1.04	1.05	1.06	F.S. 4	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.25	F.S. 3	1.26	1.27	1.28	1.29	1.30
DEFLECTION DUE TO WT. OF STEEL	0.000	-0.005	-0.013	-0.019	-0.030	-0.043	-0.055	-0.068	-0.069	-0.084	-0.099	-0.113	-0.126	-0.140	-0.151	-0.158	-0.168	-0.172	-0.173	-0.176	-0.173	-0.167	-0.162	-0.151	-0.137	-0.125	-0.108	-0.092	-0.088	-0.070	-0.047	-0.023	0.000
DEFLECTION DUE TO WT. OF SLAB ▲	0.000	-0.012	-0.031	-0.046	-0.073	-0.105	-0.134	-0.168	-0.170	-0.207	-0.243	-0.279	-0.311	-0.345	-0.372	-0.393	-0.416	-0.428	-0.431	-0.438	-0.431	-0.414	-0.403	-0.377	-0.342	-0.312	-0.270	-0.229	-0.220	-0.174	-0.118	-0.058	0.000
DEFL. DUE TO WT. OF BARRIER RAIL	0.000	-0.001	-0.004	-0.006	-0.009	-0.013	-0.016	-0.021	-0.021	-0.025	-0.029	-0.034	-0.037	-0.041	-0.044	-0.047	-0.049	-0.051	-0.051	-0.052	-0.051	-0.049	-0.047	-0.044	-0.040	-0.036	-0.031	-0.027	-0.025	-0.020	-0.014	-0.007	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.018	-0.048	-0.071	-0.112	-0.161	-0.205	-0.257	-0.260	-0.316	-0.371	-0.426	-0.475	-0.527	-0.567	-0.598	-0.633	-0.651	-0.655	-0.666	-0.655	-0.630	-0.611	-0.572	-0.519	-0.473	-0.409	-0.348	-0.333	-0.264	-0.178	-0.088	0.000
VERTICAL CURVE ORDINATE	0.000	0.030	0.058	0.083	0.107	0.129	0.148	0.165	0.166	0.182	0.194	0.206	0.215	0.223	0.228	0.231	0.233	0.231	0.228	0.223	0.216	0.207	0.196	0.181	0.166	0.149	0.129	0.112	0.104	0.084	0.057	0.030	0.000
REQUIRED CAMBER	0"	9/16"	1 1/4"	1 7/8"	2 5/8"	3 1/2"	4 1/4"	5 1/16"	5 1/8"	6"	6 13/16"	7 9/16"	8 1/4"	9"	9 9/16"	9 15/16"	10 3/8"	10 9/16"	10 5/8"	10 11/16"	10 7/16"	10 1/16"	9 11/16"	9 1/16"	8 1/4"	7 7/16"	6 7/16"	5 1/2"	5 5/16"	4 3/16"	2 13/16"	1 7/16"	0"

GIRDER 4

	1.00	1.01	1.02	1.03	1.04	1.05	1.06	F.S. 4	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.25	F.S. 3	1.26	1.27	1.28	1.29	1.30
DEFLECTION DUE TO WT. OF STEEL	0.000	-0.005	-0.013	-0.019	-0.029	-0.041	-0.052	-0.053	-0.065	-0.078	-0.091	-0.104	-0.115	-0.127	-0.137	-0.144	-0.152	-0.156	-0.156	-0.158	-0.156	-0.149	-0.145	-0.135	-0.123	-0.112	-0.096	-0.085	-0.079	-0.062	-0.042	-0.021	0.000
DEFLECTION DUE TO WT. OF SLAB ▲	0.000	-0.014	-0.034	-0.051	-0.077	-0.109	-0.138	-0.141	-0.172	-0.208	-0.244	-0.278	-0.309	-0.341	-0.367	-0.386	-0.408	-0.419	-0.421	-0.427	-0.420	-0.403	-0.392	-0.366	-0.332	-0.303	-0.262	-0.230	-0.214	-0.169	-0.114	-0.056	0.000
DEFL. DUE TO WT. OF BARRIER RAIL	0.000	-0.002	-0.004	-0.006	-0.009	-0.012	-0.016	-0.016	-0.020	-0.023	-0.027	-0.031	-0.034	-0.038	-0.041	-0.042	-0.045	-0.046	-0.046	-0.047	-0.046	-0.044	-0.042	-0.040	-0.036	-0.033	-0.028	-0.025	-0.023	-0.018	-0.012	-0.006	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.021	-0.051	-0.076	-0.115	-0.162	-0.205	-0.210	-0.257	-0.310	-0.362	-0.413	-0.459	-0.507	-0.544	-0.572	-0.605	-0.620	-0.623	-0.632	-0.621	-0.597	-0.579	-0.541	-0.491	-0.447	-0.386	-0.340	-0.315	-0.249	-0.168	-0.083	0.000
VERTICAL CURVE ORDINATE	0.000	0.028	0.054	0.078	0.100	0.120	0.138	0.139	0.155	0.169	0.182	0.192	0.201	0.208	0.212	0.215	0.216	0.214	0.212	0.207	0.200	0.191	0.181	0.169	0.154	0.138	0.120	0.107	0.100	0.077	0.053	0.028	0.000
REQUIRED CAMBER	0"	9/16"	1 1/4"	1 7/8"	2 9/16"	3 3/8"	4 1/8"	4 3/16"	4 15/16"	5 3/4"	6 1/2"	7 1/4"	7 15/16"	8 9/16"	9 1/16"	9 7/16"	9 13/16"	10"	10"	10 1/16"	9 7/8"	9 7/16"	9 1/8"	8 1/2"	7 3/4"	7"	6 1/16"	5 3/8"	5"	3 15/16"	2 11/16"	1 5/16"	0"

GIRDER 5

	1.00	1.01	1.02	1.03	1.04	1.05	F.S. 4	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.25	F.S. 3	1.26	1.27	1.28	1.29	1.30
DEFLECTION DUE TO WT. OF STEEL	0.000	-0.006	-0.013	-0.020	-0.029	-0.041	-0.043	-0.051	-0.064	-0.076	-0.089	-0.101	-0.112	-0.124	-0.133	-0.139	-0.147	-0.150	-0.151	-0.153	-0.150	-0.144	-0.140	-0.131	-0.119	-0.108	-0.094	-0.085	-0.076	-0.060	-0.041	-0.020	0.000
DEFLECTION DUE TO WT. OF SLAB ▲	0.000	-0.016	-0.037	-0.055	-0.082	-0.113	-0.118	-0.141	-0.175	-0.210	-0.244	-0.277	-0.306	-0.337	-0.362	-0.379	-0.400	-0.410	-0.411	-0.417	-0.409	-0.393	-0.381	-0.356	-0.323	-0.294	-0.254	-0.231	-0.207	-0.164	-0.111	-0.055	0.000
DEFL. DUE TO WT. OF BARRIER RAIL	0.000	-0.002	-0.005	-0.008	-0.011	-0.016	-0.017	-0.020	-0.025	-0.029	-0.034	-0.038	-0.042	-0.046	-0.050	-0.052	-0.055	-0.056	-0.056	-0.056	-0.055	-0.053	-0.051	-0.048	-0.043	-0.039	-0.034	-0.031	-0.027	-0.022	-0.015	-0.007	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.024	-0.055	-0.083	-0.123	-0.169	-0.177	-0.212	-0.263	-0.315	-0.367	-0.417	-0.461	-0.508	-0.544	-0.570	-0.601	-0.616	-0.618	-0.626	-0.615	-0.590	-0.572	-0.534	-0.485	-0.441	-0.382	-0.347	-0.311	-0.246	-0.166	-0.082	0.000
VERTICAL CURVE ORDINATE	0.000	0.025	0.049	0.072	0.093	0.111	0.114	0.128	0.143	0.157	0.168	0.178	0.186	0.192	0.197	0.200	0.200	0.199	0.197	0.193	0.186	0.178	0.168	0.157	0.144	0.129	0.112	0.103	0.093	0.072	0.051	0.026	0.000
REQUIRED CAMBER	0"	9/16"	1 1/4"	1 7/8"	2 9/16"	3 3/8"	3 1/2"	4 1/16"	4 7/8"	5 11/16"	6 7/16"	7 1/8"	7 3/4"	8 3/8"	8 7/8"	9 1/4"	9 5/8"	9 3/4"	9 13/16"	9 13/16"	9 5/8"	9 3/16"	8 7/8"	8 5/16"	7 7/16"	6 13/16"	5 15/16"	5 5/8"	4 7/8"	3 13/16"	2 5/8"	1 5/16"	0"

SCHEMATIC CAMBER ORDINATES - SPAN B

▲ INCLUDES SLAB, BUILDUP AND STAY-IN-PLACE FORMS

✱ FIELD SPLICE LOCATIONS SHOWN IN SCHEMATIC DIAGRAM FOR GIRDER 1 ONLY. FIELD SPLICE LOCATIONS FOR GIRDERS 2-5 ARE NOTED IN THE TABLE.

NOTES:

1. VALUES ARE SHOWN IN FEET (DECIMAL FORMAT), EXCEPT "REQUIRED CAMBER" WHICH IS GIVEN IN INCHES.

2. FOR GIRDER DESIGNATIONS, SEE FRAMING PLAN AND GIRDER DETAILS SHEETS.

3. DEFLECTIONS IN THE DOWNWARD DIRECTION ARE NEGATIVE. A REQUIRED CAMBER IN THE UPWARD DIRECTION IS POSITIVE. SIGN CONVENTION FOR DEAD LOAD DEFLECTION.

(+) 0
(-)

4. SLOPE FOR THE ZERO CAMBER BASE LINE VARIES.

5. FABRICATORS SHALL DETAIL CROSSFRAME MEMBERS AND CONNECTIONS FOR FULL DEAD LOAD FIT UP. GIRDERS SHOULD BE PLUMB AFTER FULL AMOUNT OF DEAD LOAD IS APPLIED.