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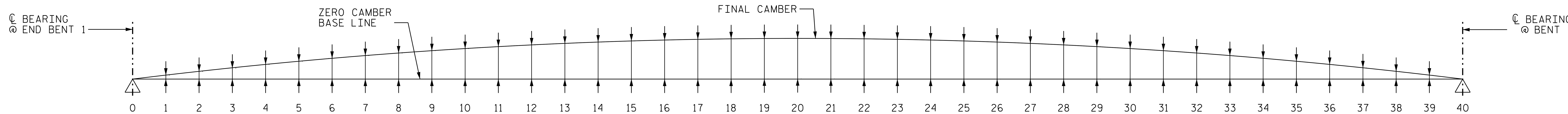

GIRDER 1

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
FORTIETH PTS. BTWN. BRGS.	0.000	0.025	0.050	0.075	0.100	0.125	0.150	0.175	0.200	0.225	0.250	0.275	0.300	0.325	0.350	.0375	0.400	0.425	0.450	0.475	0.500
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.013	0.026	0.039	0.052	0.064	0.076	0.087	0.098	0.108	0.118	0.126	0.134	0.141	0.148	0.153	0.157	0.160	0.163	0.164	0.165
DEFLEC. DUE TO SUPERIMPOSED DL ** ↓	0.000	0.009	0.018	0.027	0.035	0.043	0.052	0.060	0.068	0.074	0.080	0.087	0.093	0.097	0.101	0.105	0.109	0.111	0.112	0.113	0.115
FINAL CAMBER ↑	0"	1/16"	1/8"	1/8"	3/16"	1/4"	5/16"	5/16"	3/8"	7/16"	7/16"	1/2"	1/2"	1/2"	9/16"	9/16"	9/16"	5/8"	5/8"	5/8"	5/8"

	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
FORTIETH PTS. BTWN. BRGS.	0.525	0.550	0.575	0.600	0.625	0.650	0.675	0.700	0.725	0.750	0.775	0.800	0.825	0.850	0.875	0.900	0.925	0.950	0.975	1.000
CAMBER (GIRDER ALONE IN PLACE) ↑	0.164	0.163	0.160	0.157	0.153	0.148	0.141	0.134	0.126	0.118	0.108	0.098	0.087	0.076	0.064	0.052	0.039	0.026	0.013	0.000
DEFLEC. DUE TO SUPERIMPOSED DL ** ↓	0.113	0.112	0.111	0.109	0.105	0.101	0.097	0.093	0.086	0.080	0.074	0.067	0.059	0.051	0.043	0.035	0.026	0.017	0.009	0.000
FINAL CAMBER ↑	5/8"	5/8"	5/8"	9/16"	9/16"	9/16"	9/16"	1/2"	1/2"	7/16"	7/16"	3/8"	5/16"	5/16"	1/4"	3/16"	1/8"	1/8"	1/16"	0"

GIRDERS 2 & 3

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
FORTIETH PTS. BTWN. BRGS.	0.000	0.025	0.050	0.075	0.100	0.125	0.150	0.175	0.200	0.225	0.250	0.275	0.300	0.325	0.350	.0375	0.400	0.425	0.450	0.475	0.500
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.013	0.026	0.039	0.052	0.064	0.076	0.087	0.098	0.108	0.118	0.126	0.134	0.141	0.148	0.153	0.157	0.160	0.163	0.164	0.165
DEFLEC. DUE TO SUPERIMPOSED DL ** ↓	0.000	0.009	0.017	0.026	0.034	0.042	0.050	0.057	0.065	0.071	0.078	0.084	0.090	0.094	0.98	0.101	0.105	0.107	0.108	0.109	0.111
FINAL CAMBER ↑	0"	1/16"	1/8"	3/16"	3/16"	1/4"	5/16"	3/8"	3/8"	7/16"	1/2"	1/2"	9/16"	9/16"	5/8"	5/8"	5/8"	5/8"	11/16"	11/16"	5/8"

	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
FORTIETH PTS. BTWN. BRGS.	0.525	0.550	0.575	0.600	0.625	0.650	0.675	0.700	0.725	0.750	0.775	0.800	0.825	0.850	0.875	0.900	0.925	0.950	0.975	1.000
CAMBER (GIRDER ALONE IN PLACE) ↑	0.164	0.163	0.160	0.157	0.153	0.148	0.141	0.134	0.126	0.118	0.108	0.098	0.087	0.076	0.064	0.052	0.039	0.026	0.013	0.000
DEFLEC. DUE TO SUPERIMPOSED DL ** ↓	0.109	0.108	0.107	0.105	0.101	0.097	0.094	0.090	0.083	0.077	0.071	0.065	0.057	0.049	0.041	0.034	0.025	0.017	0.008	0.000
FINAL CAMBER ↑	11/16"	11/16"	5/8"	5/8"	9/16"	9/16"	9/16"	1/2"	1/2"	7/16"	7/16"	3/8"	3/8"	5/16"	1/4"	1/4"	3/16"	1/8"	1/16"	0"

GIRDERS 4 & 5

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
FORTIETH PTS. BTWN. BRGS.	0.000	0.025	0.050	0.075	0.100	0.125	0.150	0.175	0.200	0.225	0.250	0.275	0.300	0.325	0.350	.0375	0.400	0.425	0.450	0.475	0.500
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.013	0.026	0.039	0.052	0.064	0.076	0.087	0.098	0.108	0.118	0.126	0.134	0.141	0.148	0.153	0.157	0.160	0.163	0.164	0.165
DEFLEC. DUE TO SUPERIMPOSED DL ** ↓	0.000	0.007	0.013	0.020	0.026	0.032	0.038	0.044	0.050	0.055	0.060	0.064	0.069	0.072	0.075	0.078	0.081	0.082	0.083	0.084	0.085
FINAL CAMBER ↑	0"	1/16"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	13/16"	7/8"	7/8"	15/16"	15/16"	15/16"	15/16"	15/16"

	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
FORTIETH PTS. BTWN. BRGS.	0.525	0.550	0.575	0.600	0.625	0.650	0.675	0.700	0.725	0.750	0.775	0.800	0.825	0.850	0.875	0.900	0.925	0.950	0.975	1.000
CAMBER (GIRDER ALONE IN PLACE) ↑	0.164	0.163	0.160	0.157	0.153	0.148	0.141	0.134	0.126	0.118	0.108	0.098	0.087	0.076	0.064	0.052	0.039	0.026	0.013	0.000
DEFLEC. DUE TO SUPERIMPOSED DL ** ↓	0.084	0.083	0.082	0.081	0.078	0.075	0.072	0.069	0.064	0.059	0.055	0.050	0.044	0.038	0.02	0.026	0.019	0.013	0.006	0.000
FINAL CAMBER ↑	15/16"	15/16"	15/16"	15/16"	7/8"	7/8"	13/16"	13/16"	3/4"	11/16"	5/8"	9/16"	1/2"	7/16"	3/8"	5/16"	1/4"	3/16"	1/16"	0"

GIRDERS 6 & 7

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
FORTIETH PTS. BTWN. BRGS.	0.000	0.025	0.050	0.075	0.100	0.125	0.150	0.175	0.200	0.225	0.250	0.275	0.300	0.325	0.350	.0375	0.400	0.425	0.450	0.475	0.500
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.013	0.026	0.039	0.052	0.064	0.076	0.087	0.098	0.108	0.118	0.126	0.134	0.141	0.148	0.153	0.157	0.160	0.163	0.164	0.165
DEFLEC. DUE TO SUPERIMPOSED DL ** ↓	0.000	0.008	0.016	0.025	0.033	0.040	0.048	0.055	0.063	0.069	0.075	0.081	0.087	0.090	0.094	0.098	0.102	0.103	0.104	0.106	0.107
FINAL CAMBER ↑	0"	1/16"	1/8"	3/16"	1/4"	5/16"	5/16"	3/8"	7/16"	1/2"	1/2"	9/16"	9/16"	5/8"	5/8"	11/16"	11/16"	11/16"	11/16"	11/16"	11/16"

	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
FORTIETH PTS. BTWN. BRGS.	0.525	0.550	0.575	0.600	0.625	0.650	0.675	0.700	0.725	0.750	0.775	0.800	0.825	0.850	0.875	0.900	0.925	0.950	0.975	1.000
CAMBER (GIRDER ALONE IN PLACE) ↑	0.164	0.163	0.160	0.157	0.153	0.148	0.141	0.134	0.126	0.118	0.108	0.098	0.087	0.076	0.064	0.052	0.039	0.026	0.013	0.000
DEFLEC. DUE TO SUPERIMPOSED DL ** ↓	0.106	0.104	0.103	0.102	0.098	0.094	0.090	0.086	0.080	0.075	0.069	0.063	0.055	0.048	0.040	0.033	0.025	0.016	0.008	0.000
FINAL CAMBER ↑	11/16"	11/16"	11/16"	11/16"	11/16"	5/8"	5/8"	9/16"	9/16"	1/2"	1/2"	7/16"	3/8"	5/16"	5/16"	1/4"	3/16"	1/8"	1/16"	0"

GIRDER 8

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
FORTIETH PTS. BTWN. BRGS.	0.000	0.025	0.050	0.075	0.100	0.125	0.150	0.175	0.200	0.225	0.250	0.275	0.300	0.325	0.350	.0375	0.400	0.425	0.450	0.475	0.500
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.013	0.026	0.039	0.052	0.064	0.076	0.087	0.098	0.108	0.118	0.126	0.134	0.141	0.148	0.153	0.157	0.160	0.163	0.164	0.165
DEFLEC. DUE TO SUPERIMPOSED DL ** ↓	0.000	0.009	0.018	0.027	0.035	0.044	0.052	0.060	0.068	0.074	0.081	0.087	0.093	0.097	0.102	0.106	0.110	0.111	0.112	0.114	0.115
FINAL CAMBER ↑	0"	1/16"	1/8"	1/8"	3/16"	1/4"	5/16"	5/16"	3/8"	3/8"	7/16"	1/2"	1/2"	1/2"	9/16"	9/16"	9/16"	9/16"	5/8"	5/8"	5/8"

	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
FORTIETH PTS. BTWN. BRGS.	0.525	0.550	0.575	0.600	0.625	0.650	0.675	0.700	0.725	0.750	0.775	0.800	0.825	0.850	0.875	0.900	0.925	0.950	0.975	1.000
CAMBER (GIRDER ALONE IN PLACE) ↑	0.164	0.163	0.160	0.157	0.153	0.148	0.141	0.134	0.126	0.118	0.108	0.098	0.087	0.076	0.064	0.052	0.039	0.026	0.013	0.000
DEFLEC. DUE TO SUPERIMPOSED DL ** ↓	0.114	0.112	0.111	0.110	0.105	0.101	0.097	0.093	0.087	0.080	0.074	0.068	0.059	0.051	0.043	0.035	0.026	0.018	0.009	0.000
FINAL CAMBER ↑	5/8"	5/8"	9/16"	9/16"	9/16"	9/16"	1/2"	1/2"	1/2"	7/16"	7/16"	3/8"	5/16"	5/16"	1/4"	3/16"	1/8"	1/8"	1/16"	0"

** INCLUDES FUTURE WEARING SURFACE IN SUPERIMPOSED DEAD LOAD.

SCHEMATIC CAMBER ORDINATES SPAN A

ALL VALUES ARE SHOWN IN DECIMALS OF A FOOT EXCEPT
"FINAL CAMBER" WHICH IS SHOWN IN INCHES.

PROJECT NO. R-2707D
CLEVELAND COUNTY
STATION: 849+00.00 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

DEAD LOAD DEFLECTIONS
SPAN A

(RIGHT LANE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S6-28
1			3			TOTAL SHEETS
2			4			56

NORTH CAROLINA PROFESSIONAL SEAL 054498 ENGINEER SETH S. POOLE

DocuSigned by:
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5/10/2023

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License No. F-0672

DRAWN BY : J.E. HAGENBUSH DATE : 09/27/18
CHECKED BY : S. S. POOLE DATE : 12/10/22
DESIGN ENGINEER OF RECORD: S.S. POOLE DATE : 05/10/23

JHagenbush
5/10/2023
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