

PA-202 12/13/102 I-5987A BridgeStructures\DWG\401_001_15987A_SMU_DL_001.dgn
3/8/2022 1:08:21 PM

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																																										
0.6" Ø LOW RELAXATION	SPAN A & SPAN B																																									
	GIRDERS 1 & 5																																									
	FORTIETH POINTS	0	.025	.050	.075	.100	.125	.150	.175	.200	.225	.250	.275	.300	.325	.350	.375	.400	.425	.450	.475	.500	.525	.550	.575	.600	.625	.650	.675	.700	.725	.750	.775	.800	.825	.850	.875	.900	.925	.950	.975	0
CAMBER (GIRDER ALONE IN PLACE) ↑	0	0.013	0.026	0.038	0.051	0.063	0.074	0.086	0.096	0.106	0.115	0.124	0.132	0.139	0.145	0.150	0.154	0.157	0.160	0.161	0.162	0.161	0.160	0.157	0.154	0.150	0.145	0.139	0.132	0.124	0.115	0.106	0.096	0.086	0.074	0.063	0.051	0.038	0.026	0.013	0	
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.011	0.022	0.033	0.045	0.055	0.066	0.076	0.087	0.095	0.103	0.112	0.120	0.125	0.130	0.136	0.141	0.143	0.145	0.146	0.148	0.146	0.145	0.143	0.141	0.136	0.130	0.125	0.120	0.112	0.103	0.095	0.087	0.076	0.066	0.055	0.045	0.033	0.022	0.011	0	
FINAL CAMBER ↑	0	0"	1/16"	1/16"	1/16"	1/16"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/16"	1/16"	1/16"	1/16"	0"	0

* INCLUDES FUTURE WEARING SURFACE
ALL VALUES ARE SHOWN IN FEET (DECIMAL FORM), EXCEPT "FINAL CAMBER", WHICH IS GIVEN IN INCHES (FRACTION FORM).

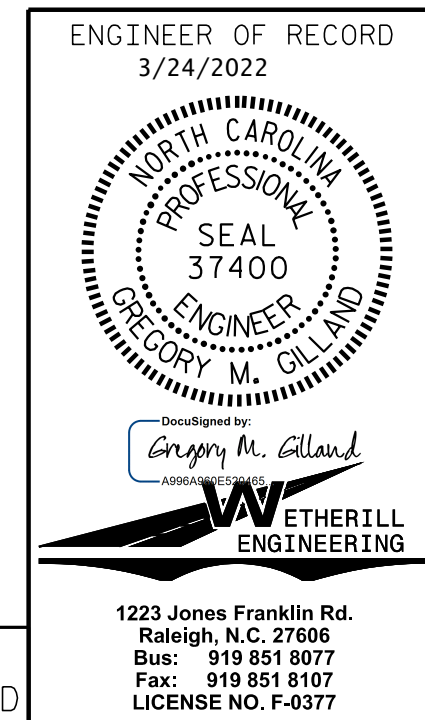
DEAD LOAD DEFLECTION TABLE FOR GIRDERS																																										
0.6" Ø LOW RELAXATION	SPAN A & SPAN B																																									
	GIRDERS 2, 3 & 4																																									
	FORTIETH POINTS	0	.025	.050	.075	.100	.125	.150	.175	.200	.225	.250	.275	.300	.325	.350	.375	.400	.425	.450	.475	.500	.525	.550	.575	.600	.625	.650	.675	.700	.725	.750	.775	.800	.825	.850	.875	.900	.925	.950	.975	0
CAMBER (GIRDER ALONE IN PLACE) ↑	0	0.013	0.026	0.038	0.051	0.063	0.074	0.086	0.096	0.106	0.115	0.124	0.132	0.139	0.145	0.150	0.154	0.157	0.160	0.161	0.162	0.161	0.160	0.157	0.154	0.150	0.145	0.139	0.132	0.124	0.115	0.106	0.096	0.086	0.074	0.063	0.051	0.038	0.026	0.013	0	
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.011	0.022	0.033	0.044	0.055	0.065	0.076	0.087	0.095	0.103	0.111	0.120	0.125	0.130	0.135	0.141	0.142	0.144	0.146	0.148	0.146	0.144	0.142	0.141	0.135	0.130	0.125	0.120	0.111	0.103	0.095	0.087	0.076	0.065	0.055	0.044	0.033	0.022	0.011	0	
FINAL CAMBER ↑	0	0"	1/16"	1/16"	1/16"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/16"	1/16"	1/16"	1/16"	0"	0

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PROJECT NO. I-5987A
ROBESON COUNTY
STATION: 30+04.11 -Y3-

DRAWN BY : J. PENDERGRAFT DATE : 10/21
CHECKED BY : J. DILWORTH DATE : 10/21

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH		SUPERSTRUCTURE DEAD LOAD DEFLECTIONS	
REVISIONS			
NO.	BY:	DATE:	SHEET NO.
1			S3-13
2			TOTAL SHEETS 29

1223 Jones Franklin Rd.
Raleigh, N.C. 27606
Bus: 919 851 8077
Fax: 919 851 8107
LICENSE NO. F-0377