

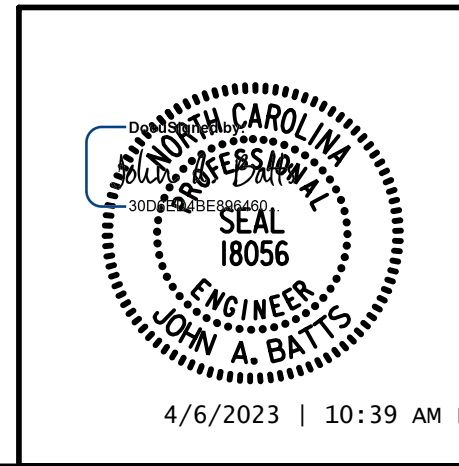
4/6/2023 12:01:57 PM P:\Raleigh\Projects\2018\Division 9 (Mott MacDonald)\U-2729\Structures\Drawings\Final\U2729_SMU_DL_330290.dgn

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
SPAN C																					
0.6" Ø LOW RELAXATION																					
GIRDER 2-5 & 8-10																					
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.00
CAMBER (GIRDER ALONE IN PLACE) ↑	0	0.009	0.018	0.027	0.035	0.042	0.048	0.052	0.056	0.058	0.059	0.058	0.056	0.052	0.048	0.042	0.035	0.027	0.018	0.009	0
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.004	0.009	0.013	0.017	0.021	0.024	0.027	0.029	0.030	0.030	0.029	0.027	0.024	0.021	0.017	0.013	0.009	0.004	0	0
FINAL CAMBER ↑	0	1/16"	1/8"	3/16"	3/16"	1/4"	5/16"	5/16"	5/16"	5/16"	3/8"	5/16"	5/16"	5/16"	5/16"	1/4"	3/16"	3/16"	1/8"	1/16"	0
SPAN C																					
0.6" Ø LOW RELAXATION																					
GIRDER 6 & 7																					
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.00
CAMBER (GIRDER ALONE IN PLACE) ↑	0	0.009	0.018	0.027	0.035	0.042	0.048	0.052	0.056	0.058	0.059	0.058	0.056	0.052	0.048	0.042	0.035	0.027	0.018	0.009	0
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.003	0.007	0.011	0.014	0.018	0.020	0.022	0.024	0.025	0.025	0.025	0.024	0.022	0.020	0.018	0.014	0.011	0.007	0.003	0
FINAL CAMBER ↑	0	1/16"	1/8"	3/16"	1/4"	5/16"	5/16"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	5/16"	5/16"	1/4"	3/16"	1/8"	1/16"	0
SPAN C																					
0.6" Ø LOW RELAXATION																					
GIRDER 1 & 11																					
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.00
CAMBER (GIRDER ALONE IN PLACE) ↑	0	0.009	0.018	0.027	0.035	0.042	0.048	0.052	0.056	0.058	0.059	0.058	0.056	0.052	0.048	0.042	0.035	0.027	0.018	0.009	0
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.003	0.008	0.012	0.016	0.019	0.023	0.025	0.026	0.027	0.028	0.027	0.026	0.025	0.023	0.019	0.016	0.012	0.008	0.003	0
FINAL CAMBER ↑	0	1/16"	1/8"	3/16"	1/4"	1/4"	5/16"	5/16"	3/8"	3/8"	3/8"	3/8"	3/8"	5/16"	5/16"	1/4"	1/4"	3/16"	1/8"	1/16"	0

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

PROJECT NO. U-2729
FORSYTH COUNTY
 STATION: 33+99.11 -L-

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
**GIRDER CAMBER
 DETAILS**



DRAWN BY: T. BANKOVICH DATE: 9-22
 CHECKED BY: T.J. BEACH DATE: 9-22
 DESIGN ENGINEER OF RECORD: J.A. BATTS DATE: 9-22

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-27
1			3			TOTAL SHEETS
2			4			59

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**