

DEAD LOAD DEFLECTION TABLE FOR GIRDERS											
0.6" Ø LOW RELAXATION STRANDS	SPAN A										
	GIRDER AG1										
TENTH POINTS	BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	BRG.
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.014	0.026	0.036	0.042	0.044	0.042	0.036	0.026	0.014	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.004	0.008	0.011	0.012	0.013	0.012	0.010	0.008	0.004	0.000
FINAL CAMBER ↑	0	1/16"	3/16"	1/4"	5/16"	5/16"	5/16"	1/4"	3/16"	1/16"	0

GIRDERS AG2 AND AG3											
0.6" Ø LOW RELAXATION STRANDS	SPAN A										
	GIRDER AG1										
TENTH POINTS	BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	BRG.
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.014	0.026	0.036	0.042	0.044	0.042	0.036	0.026	0.014	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.005	0.009	0.013	0.015	0.016	0.015	0.012	0.009	0.005	0.000
FINAL CAMBER ↑	0	1/16"	3/16"	1/4"	5/16"	5/16"	5/16"	1/4"	3/16"	1/16"	0

GIRDER AG4											
0.6" Ø LOW RELAXATION STRANDS	SPAN A										
	GIRDER AG1										
TENTH POINTS	BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	BRG.
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.014	0.026	0.036	0.042	0.044	0.042	0.036	0.026	0.014	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.004	0.008	0.011	0.013	0.014	0.013	0.011	0.008	0.004	0.000
FINAL CAMBER ↑	0	1/16"	3/16"	1/4"	5/16"	5/16"	5/16"	1/4"	3/16"	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).

DEAD LOAD DEFLECTION TABLE FOR GIRDERS											
0.6" Ø LOW RELAXATION STRANDS	SPAN C										
	GIRDER CG1										
TENTH POINTS	BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	BRG.
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.016	0.029	0.040	0.047	0.049	0.047	0.040	0.029	0.016	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.006	0.013	0.017	0.020	0.021	0.020	0.017	0.013	0.006	0.000
FINAL CAMBER ↑	0	1/16"	3/16"	1/4"	5/16"	5/16"	5/16"	1/4"	3/16"	1/16"	0

GIRDERS CG2 AND CG3											
0.6" Ø LOW RELAXATION STRANDS	SPAN C										
	GIRDER CG1										
TENTH POINTS	BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	BRG.
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.016	0.029	0.040	0.047	0.049	0.047	0.040	0.029	0.016	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.005	0.009	0.013	0.015	0.016	0.015	0.012	0.009	0.005	0.000
FINAL CAMBER ↑	0	1/8"	3/16"	5/16"	3/8"	3/8"	3/8"	5/16"	3/16"	1/8"	0

GIRDER CG4											
0.6" Ø LOW RELAXATION STRANDS	SPAN C										
	GIRDER CG1										
TENTH POINTS	BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	BRG.
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.016	0.029	0.040	0.047	0.049	0.047	0.040	0.029	0.016	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.004	0.008	0.011	0.013	0.014	0.013	0.011	0.008	0.004	0.000
FINAL CAMBER ↑	0	1/8"	1/4"	5/16"	3/8"	3/8"	3/8"	5/16"	1/4"	1/8"	0

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

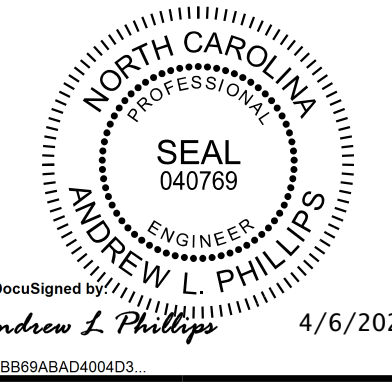
DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
0.6" Ø LOW RELAXATION STRANDS	SPAN B																				
	GIRDER BG1																				
TWENTIETH POINTS	BRG.	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	BRG.
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.038	0.076	0.111	0.144	0.172	0.196	0.216	0.230	0.239	0.242	0.239	0.230	0.216	0.196	0.172	0.144	0.111	0.076	0.038	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.029	0.058	0.085	0.112	0.133	0.154	0.168	0.181	0.186	0.190	0.186	0.181	0.168	0.154	0.133	0.112	0.085	0.058	0.029	0.000
FINAL CAMBER ↑	0	1/16"	3/16"	1/4"	3/8"	7/16"	1/2"	9/16"	5/8"	9/16"	5/8"	9/16"	5/8"	9/16"	1/2"	7/16"	3/8"	1/4"	3/16"	1/16"	0

GIRDERS BG2 AND BG3																					
0.6" Ø LOW RELAXATION STRANDS	SPAN B																				
	GIRDER BG1																				
TWENTIETH POINTS	BRG.	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	BRG.
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.038	0.076	0.111	0.144	0.172	0.196	0.216	0.230	0.239	0.242	0.239	0.230	0.216	0.196	0.172	0.144	0.111	0.076	0.038	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.033	0.066	0.097	0.127	0.152	0.176	0.191	0.206	0.212	0.217	0.212	0.206	0.191	0.176	0.152	0.127	0.097	0.066	0.033	0.000
FINAL CAMBER ↑	0	0"	1/16"	1/8"	3/16"	3/16"	3/16"	1/4"	1/4"	5/16"	1/4"	1/4"	1/4"	3/16"	3/16"	3/16"	1/8"	1/16"	0"	0	

GIRDER BG4																					
0.6" Ø LOW RELAXATION STRANDS	SPAN B																				
	GIRDER BG1																				
TWENTIETH POINTS	BRG.	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	BRG.
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.038	0.076	0.111	0.144	0.172	0.196	0.216	0.230	0.239	0.242	0.239	0.230	0.216	0.196	0.172	0.144	0.111	0.076	0.038	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.033	0.066	0.097	0.127	0.151	0.176	0.191	0.206	0.211	0.217	0.211	0.206	0.191	0.176	0.151	0.127	0.097	0.066	0.033	0.000
FINAL CAMBER ↑	0	0"	1/16"	1/8"	3/16"	3/16"	3/16"	1/4"	1/4"	5/16"	1/4"	1/4"	1/4"	3/16"	3/16"	3/16"	1/8"	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).

PROJECT NO. B-5301
PITT COUNTY
 STATION: 25+98.05 -L-



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STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 GIRDER DEFLECTION
 AND CAMBER SCHEDULES

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-20
1			3			TOTAL SHEETS
2			4			55

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 UNLESS ALL SIGNATURES COMPLETED**

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 CHECKED BY: C. I. POOLE DATE: 2/20
 DESIGN ENGINEER OF RECORD: A. L. PHILLIPS DATE: 2/20