

DEAD LOAD DEFLECTION TABLE FOR GIRDERS

0.6" Ø LOW RELAXATION STRANDS	SPAN A																																
	GIRDER AG1											GIRDER AG2										GIRDER AG3											
TENTH POINTS BETWEEN BRGS.	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
CAMBER (GIRDER ALONE IN PLACE) (FT.) ↑	0.000	0.037	0.070	0.096	0.112	0.118	0.112	0.096	0.070	0.037	0.000	0.000	0.037	0.070	0.096	0.112	0.118	0.112	0.096	0.070	0.037	0.000	0.000	0.037	0.070	0.096	0.112	0.118	0.112	0.096	0.070	0.037	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.) ↓	0.000	0.026	0.051	0.071	0.084	0.088	0.084	0.071	0.052	0.027	0.000	0.000	0.028	0.054	0.075	0.089	0.094	0.089	0.076	0.055	0.028	0.000	0.000	0.027	0.053	0.073	0.086	0.091	0.087	0.074	0.053	0.027	0.000
FINAL CAMBER (OR DEFLECTION) (IN.) ↑	0	1/8"	3/16"	1/4"	5/16"	5/16"	5/16"	1/4"	3/16"	1/8"	0	0	1/16"	3/16"	3/16"	1/4"	1/4"	1/4"	3/16"	1/8"	1/16"	0	0	1/16"	3/16"	1/4"	1/4"	5/16"	1/4"	1/4"	3/16"	1/16"	0

0.6" Ø LOW RELAXATION STRANDS	SPAN A																																
	GIRDER AG4											GIRDER AG5										GIRDER AG6											
TENTH POINTS BETWEEN BRGS.	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
CAMBER (GIRDER ALONE IN PLACE) (FT.) ↑	0.000	0.037	0.070	0.096	0.112	0.118	0.112	0.096	0.070	0.037	0.000	0.000	0.037	0.070	0.096	0.112	0.118	0.112	0.096	0.070	0.037	0.000	0.000	0.037	0.070	0.096	0.112	0.118	0.112	0.096	0.070	0.037	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.) ↓	0.000	0.026	0.051	0.071	0.083	0.088	0.084	0.071	0.051	0.026	0.000	0.000	0.026	0.052	0.072	0.084	0.089	0.085	0.072	0.052	0.026	0.000	0.000	0.024	0.047	0.066	0.077	0.082	0.077	0.066	0.048	0.024	0.000
FINAL CAMBER (OR DEFLECTION) (IN.) ↑	0	1/8"	3/16"	1/4"	5/16"	5/16"	5/16"	1/4"	3/16"	1/8"	0	0	1/8"	3/16"	1/4"	5/16"	5/16"	5/16"	1/4"	3/16"	1/8"	0	0	1/8"	1/4"	5/16"	3/8"	7/16"	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											GIRDER BG2										GIRDER BG3											
TENTH POINTS BETWEEN BRGS.	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
CAMBER (GIRDER ALONE IN PLACE) (FT.) ↑	0.000	0.037	0.070	0.096	0.113	0.118	0.113	0.096	0.070	0.037	0.000	0.000	0.037	0.070	0.096	0.113	0.118	0.113	0.096	0.070	0.037	0.000	0.000	0.037	0.070	0.096	0.113	0.118	0.113	0.096	0.070	0.037	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.) ↓	0.000	0.028	0.054	0.075	0.088	0.093	0.088	0.075	0.054	0.028	0.000	0.000	0.029	0.057	0.080	0.094	0.099	0.094	0.080	0.057	0.029	0.000	0.000	0.028	0.056	0.077	0.091	0.096	0.091	0.077	0.056	0.028	0.000
FINAL CAMBER (OR DEFLECTION) (IN.) ↑	0	1/16"	1/8"	1/4"	1/4"	1/4"	1/4"	1/4"	1/8"	1/16"	0	0	1/16"	1/8"	3/16"	3/16"	3/16"	3/16"	3/16"	1/8"	1/16"	0	0	1/16"	1/8"	3/16"	1/4"	1/4"	1/4"	3/16"	1/8"	1/16"	0

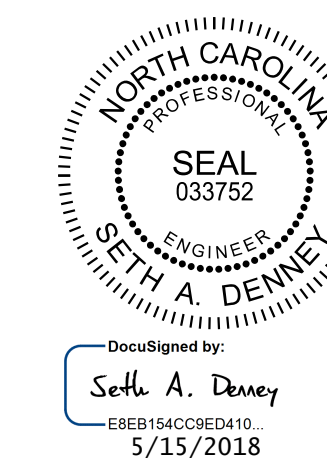
0.6" Ø LOW RELAXATION STRANDS	SPAN B																																
	GIRDER BG4											GIRDER BG5										GIRDER BG6											
TENTH POINTS BETWEEN BRGS.	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
CAMBER (GIRDER ALONE IN PLACE) (FT.) ↑	0.000	0.037	0.070	0.096	0.113	0.118	0.113	0.096	0.070	0.037	0.000	0.000	0.037	0.070	0.096	0.113	0.118	0.113	0.096	0.070	0.037	0.000	0.000	0.037	0.070	0.096	0.113	0.118	0.113	0.096	0.070	0.037	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.) ↓	0.000	0.027	0.054	0.074	0.088	0.092	0.088	0.074	0.054	0.027	0.000	0.000	0.028	0.054	0.075	0.089	0.093	0.089	0.075	0.054	0.028	0.000	0.000	0.026	0.050	0.069	0.081	0.086	0.081	0.069	0.050	0.026	0.000
FINAL CAMBER (OR DEFLECTION) (IN.) ↑	0	1/16"	3/16"	1/4"	1/4"	1/4"	1/4"	1/4"	3/16"	1/16"	0	0	1/16"	3/16"	3/16"	1/4"	1/4"	1/4"	3/16"	3/16"	1/16"	0	0	1/8"	3/16"	5/16"	3/8"	3/8"	3/8"	5/16"	3/16"	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).

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PROJECT NO. R-3822
HALIFAX COUNTY
STATION: 99+17.60 -L1-

SHEET 1 OF 3



Kimley»Horn
421 Fayetteville Street, Suite 600
Raleigh, NC 27601-1772
Phone (919) 677-2000
NC LICENSE # F-0102

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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-21
1			3			TOTAL SHEETS
2			4			58

DRAWN BY: D. D. LOWERY DATE: 03/18
CHECKED BY: C. I. POOLE DATE: 03/18
DESIGN ENGINEER OF RECORD: S. A. DENNEY DATE: 03/18

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