

DEAD LOAD DEFLECTION TABLE FOR GIRDERS

0.6" Ø LOW RELAXATION STRANDS	SPAN E																																
	GIRDER EG1											GIRDER EG2										GIRDER EG3											
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	0.030	0.057	0.078	0.091	0.096	0.091	0.078	0.057	0.030	0.000	0.000	0.030	0.057	0.078	0.091	0.096	0.091	0.078	0.057	0.030	0.000	0.000	0.030	0.057	0.078	0.091	0.096	0.091	0.078	0.057	0.030	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.) ↓	0.000	0.012	0.023	0.032	0.038	0.039	0.037	0.032	0.023	0.012	0.000	0.000	0.012	0.024	0.034	0.040	0.042	0.040	0.034	0.024	0.012	0.000	0.000	0.012	0.024	0.033	0.039	0.041	0.039	0.033	0.024	0.012	0.000
FINAL CAMBER (OR DEFLECTION) (IN.) ↑	0	3/16"	3/8"	1/2"	5/8"	5/8"	5/8"	1/2"	3/8"	3/16"	0	0	3/16"	3/8"	1/2"	5/8"	5/8"	5/8"	1/2"	3/8"	3/16"	0	0	3/16"	3/8"	1/2"	5/8"	5/8"	5/8"	1/2"	3/8"	3/16"	0

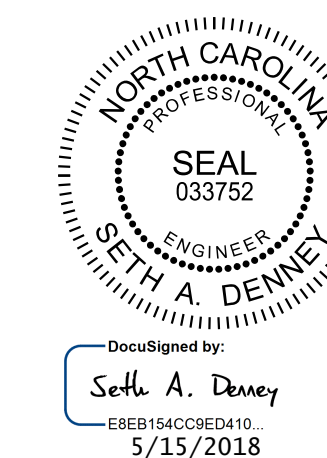
0.6" Ø LOW RELAXATION STRANDS	SPAN E																																
	GIRDER EG4											GIRDER EG5										GIRDER EG6											
TENTH POINTS BETWEEN BRGS.	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
CAMBER (GIRDER ALONE IN PLACE) (FT.) ↑	0.000	0.030	0.057	0.078	0.091	0.096	0.091	0.078	0.057	0.030	0.000	0.000	0.030	0.057	0.078	0.091	0.096	0.091	0.078	0.057	0.030	0.000	0.000	0.030	0.057	0.078	0.091	0.096	0.091	0.078	0.057	0.030	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.) ↓	0.000	0.011	0.023	0.032	0.037	0.039	0.037	0.032	0.023	0.011	0.000	0.000	0.012	0.023	0.032	0.038	0.040	0.038	0.032	0.023	0.012	0.000	0.000	0.011	0.021	0.029	0.035	0.036	0.035	0.029	0.021	0.011	0.000
FINAL CAMBER (OR DEFLECTION) (IN.) ↑	0	3/16"	3/8"	1/2"	5/8"	5/8"	5/8"	1/2"	3/8"	3/16"	0	0	3/16"	3/8"	1/2"	5/8"	5/8"	5/8"	1/2"	3/8"	3/16"	0	0	3/16"	3/8"	9/16"	5/8"	11/16"	5/8"	9/16"	3/8"	3/16"	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 3 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

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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REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-23
1			3			TOTAL SHEETS
2			4			58