

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
0.6" ∅ LOW RELAXATION	GIRDER A7, A8, B7, B8, C7, C8																				
	BRG.	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.90	0.95	BRG.
CAMBER (GIRDER IN PLACE) ↑	0	0.051	0.101	0.148	0.190	0.229	0.261	0.287	0.305	0.317	0.321	0.317	0.305	0.287	0.261	0.229	0.190	0.148	0.101	0.051	0
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.028	0.058	0.087	0.113	0.135	0.151	0.163	0.173	0.181	0.191	0.181	0.173	0.163	0.151	0.135	0.113	0.087	0.058	0.028	0
FINAL CAMBER ↑	0	1/4"	1/2"	3/4"	5/8"	1/2"	15/16"	1/2"	19/16"	15/8"	15/8"	15/8"	19/16"	1/2"	15/16"	1/8"	15/16"	3/4"	1/2"	1/4"	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" ∅ LOW RELAXATION	GIRDER A9, B9, C9																				
	BRG.	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.90	0.95	BRG.
CAMBER (GIRDER IN PLACE) ↑	0	0.051	0.101	0.148	0.190	0.229	0.261	0.287	0.305	0.317	0.321	0.317	0.305	0.287	0.261	0.229	0.190	0.148	0.101	0.051	0
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.029	0.059	0.089	0.116	0.138	0.155	0.168	0.177	0.186	0.196	0.186	0.177	0.168	0.155	0.138	0.116	0.089	0.059	0.029	0
FINAL CAMBER ↑	0	1/4"	1/2"	11/16"	7/8"	11/16"	1/4"	17/16"	19/16"	19/16"	19/16"	19/16"	19/16"	17/16"	1/4"	17/16"	7/8"	11/16"	1/2"	1/4"	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" ∅ LOW RELAXATION	GIRDER A10, B10, C10																				
	BRG.	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.90	0.95	BRG.
CAMBER (GIRDER IN PLACE) ↑	0	0.051	0.101	0.148	0.190	0.229	0.261	0.287	0.305	0.317	0.321	0.317	0.305	0.287	0.261	0.229	0.190	0.148	0.101	0.051	0
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.030	0.061	0.092	0.119	0.143	0.160	0.173	0.182	0.191	0.202	0.191	0.182	0.173	0.160	0.143	0.119	0.092	0.061	0.030	0
FINAL CAMBER ↑	0	1/4"	1/2"	11/16"	7/8"	11/16"	13/16"	13/8"	1/2"	1/2"	1/2"	1/2"	1/2"	13/16"	13/16"	1/16"	7/8"	11/16"	1/2"	1/4"	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" ∅ LOW RELAXATION	GIRDER A11, B11, C11																				
	BRG.	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.90	0.95	BRG.
CAMBER (GIRDER IN PLACE) ↑	0	0.051	0.101	0.148	0.190	0.229	0.261	0.287	0.305	0.317	0.321	0.317	0.305	0.287	0.261	0.229	0.190	0.148	0.101	0.051	0
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.029	0.059	0.089	0.116	0.138	0.155	0.167	0.176	0.184	0.194	0.184	0.176	0.167	0.155	0.138	0.116	0.089	0.059	0.029	0
FINAL CAMBER ↑	0	1/4"	1/2"	11/16"	7/8"	11/16"	1/4"	17/16"	19/16"	15/8"	15/8"	15/8"	19/16"	17/16"	1/4"	17/16"	7/8"	11/16"	1/2"	1/4"	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. R-3825B  
JOHNSTON COUNTY  
STATION: 64+20.00 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

SUPERSTRUCTURE  
DEAD LOAD  
DEFLECTIONS

REVISIONS

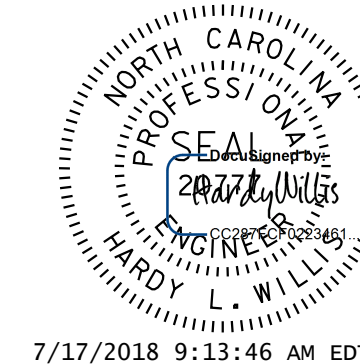
NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.
1			3			S-26
2			4			TOTAL SHEETS 59

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