

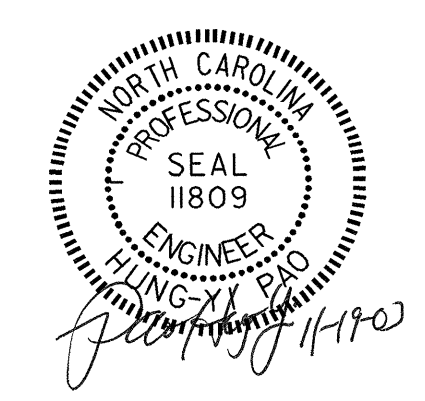
DEAD LOAD DEFLECTION TABLE FOR GIRDERS																						
TENTH POINTS	SPAN A																					
	GIRDERS A1											GIRDERS A2										
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.004	0.008	0.011	0.013	0.013	0.013	0.011	0.008	0.004	0.000	0.000	0.005	0.010	0.014	0.016	0.017	0.016	0.014	0.010	0.005	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	0.005	0.010	0.013	0.016	0.016	0.016	0.013	0.010	0.005	0.000	0.000	0.006	0.012	0.017	0.019	0.020	0.019	0.017	0.012	0.006	0.000
VERTICAL CURVE ORDINATE	0.000	0.002	0.004	0.005	0.006	0.006	0.006	0.005	0.004	0.002	0.000	0.000	0.002	0.004	0.005	0.006	0.006	0.006	0.005	0.004	0.002	0.000
ORDINATE DUE TO SUPERELEVATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REQUIRED CAMBER (mm)	0	7	14	18	22	22	22	18	14	7	0	0	8	16	22	25	26	25	22	16	8	0

NOTES

\* INCLUDES SLAB, BUILD-UP AND STAY-IN-PLACE METAL FORMS.  
 " - " INDICATES UPWARD DEFLECTION.  
 VALUES SHOWN ARE IN METERS (m) EXCEPT "REQUIRED CAMBER" WHICH IS SHOWN IN MILLIMETERS (mm).  
 VALUES SHOWN ARE AT TENTH POINTS BETWEEN CENTERLINE OF BEARINGS.

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																						
TENTH POINTS	SPAN A																					
	GIRDERS A3											GIRDERS A4										
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.001	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.005	0.010	0.014	0.016	0.017	0.016	0.014	0.010	0.005	0.000	0.000	0.004	0.008	0.011	0.013	0.013	0.013	0.011	0.008	0.004	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	0.006	0.012	0.017	0.019	0.020	0.019	0.017	0.012	0.006	0.000	0.000	0.005	0.010	0.013	0.016	0.016	0.016	0.013	0.010	0.005	0.000
VERTICAL CURVE ORDINATE	0.000	0.002	0.004	0.005	0.006	0.006	0.006	0.005	0.004	0.002	0.000	0.000	0.002	0.004	0.005	0.006	0.006	0.006	0.005	0.004	0.002	0.000
ORDINATE DUE TO SUPERELEVATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REQUIRED CAMBER (mm)	0	8	16	22	25	26	25	22	16	8	0	0	7	14	18	22	22	22	18	14	7	0

PROJECT NO. R-2610A  
CHATHAM COUNTY  
 STATION: 27+85.488 -L-



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUPERSTRUCTURE  
 DEAD LOAD DEFLECTION  
 AND CAMBER ORDINATES  
 SPAN A  
 (LEFT LANE BRIDGE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			5-57
2			4			82

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DRAWN BY: M. J. OSTRISHKO DATE: 8-6-03  
 CHECKED BY: S. R. BEABES DATE: 8-7-03