

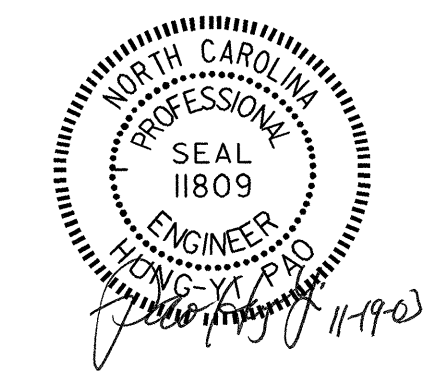
DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
	SPAN B																				
	GIRDER B2																				
TENTH POINTS	0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	0
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.003	0.006	0.009	0.012	0.015	0.017	0.018	0.019	0.020	0.020	0.020	0.019	0.018	0.017	0.015	0.012	0.009	0.006	0.003	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.016	0.032	0.046	0.059	0.070	0.079	0.088	0.094	0.097	0.098	0.097	0.094	0.088	0.080	0.070	0.059	0.046	0.032	0.016	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.005	0.004	0.003	0.002	0.001	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	0.020	0.040	0.058	0.075	0.090	0.102	0.112	0.120	0.124	0.125	0.124	0.120	0.112	0.103	0.090	0.075	0.058	0.040	0.020	0.000
VERTICAL CURVE ORDINATE	0.000	0.004	0.008	0.012	0.015	0.017	0.019	0.021	0.022	0.023	0.023	0.023	0.022	0.021	0.019	0.017	0.015	0.012	0.008	0.004	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
REQUIRED CAMBER (mm)	0	24	48	70	90	107	121	133	142	147	148	147	142	133	122	107	90	70	48	24	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 TWENTIETH POINTS BETWEEN CENTERLINE OF BEARINGS.

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
	SPAN B																				
	GIRDER B3																				
TENTH POINTS	0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	0
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.003	0.006	0.009	0.012	0.015	0.017	0.018	0.019	0.020	0.020	0.020	0.019	0.018	0.017	0.015	0.012	0.010	0.006	0.003	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.016	0.032	0.046	0.059	0.070	0.079	0.088	0.094	0.097	0.098	0.097	0.094	0.088	0.080	0.070	0.059	0.045	0.032	0.016	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.005	0.004	0.003	0.002	0.001	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	0.020	0.040	0.058	0.075	0.090	0.102	0.112	0.120	0.124	0.125	0.124	0.120	0.112	0.103	0.090	0.075	0.058	0.040	0.020	0.000
VERTICAL CURVE ORDINATE	0.000	0.004	0.008	0.012	0.015	0.017	0.019	0.021	0.022	0.023	0.023	0.023	0.022	0.021	0.019	0.017	0.015	0.012	0.008	0.004	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
REQUIRED CAMBER (mm)	0	24	48	70	90	107	121	133	142	147	148	147	142	133	122	107	90	70	48	24	0

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



SHEET 2 OF 2

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

REVISIONS						SHEET NO. 5-59
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 82
2			4			

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DRAWN BY: M. J. OSTRISHKO DATE: 6-15-03
 CHECKED BY: H. PAO DATE: 8-18-03