

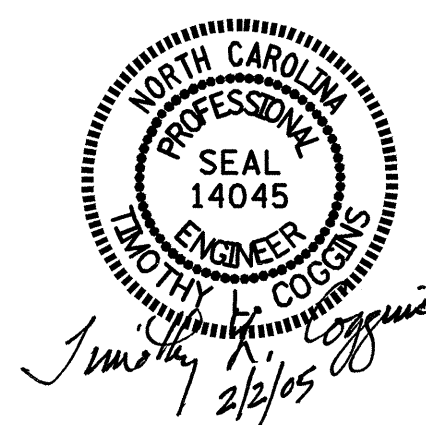
DEAD LOAD DEFLECTION TABLE FOR GIRDERS - SPAN A																					
	GIRDER A1 & A4																				
@ TWENTIETH POINTS BETWEEN C BEARINGS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	0
DEFLECTION DUE TO WEIGHT OF GIRDER ↓	0.000	0.021	0.042	0.061	0.079	0.094	0.107	0.117	0.124	0.129	0.130	0.129	0.124	0.117	0.107	0.094	0.079	0.061	0.042	0.021	0.000
DEFLECTION DUE TO WEIGHT OF SLAB * ↓	0.000	0.083	0.163	0.238	0.304	0.364	0.414	0.454	0.483	0.501	0.507	0.501	0.483	0.454	0.414	0.364	0.304	0.238	0.163	0.083	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL ↓	0.000	0.009	0.018	0.026	0.033	0.039	0.044	0.048	0.052	0.053	0.054	0.053	0.052	0.048	0.044	0.039	0.033	0.026	0.018	0.009	0.000
TOTAL DEAD LOAD DEFLECTION ↓	0.000	0.113	0.223	0.325	0.416	0.497	0.565	0.619	0.659	0.683	0.691	0.683	0.659	0.619	0.565	0.497	0.416	0.325	0.223	0.113	0.000
VERTICAL CURVE ORDINATE ↑	0.000	-0.026	-0.049	-0.070	-0.088	-0.103	-0.115	-0.125	-0.132	-0.136	-0.137	-0.136	-0.132	-0.125	-0.115	-0.103	-0.088	-0.070	-0.049	-0.026	0.000
REQUIRED CAMBER ↑	0	1/16"	2/16"	3/16"	3 5/16"	4 3/4"	5 3/8"	5 5/16"	6 5/16"	6 9/16"	6 7/8"	6 9/16"	6 5/16"	5 5/16"	5 3/8"	4 3/4"	3 5/16"	3 1/16"	2 1/16"	1 1/16"	0

* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.
ALL VALUES ARE SHOWN IN FEET EXCEPT "REQUIRED CAMBER", WHICH IS GIVEN IN INCHES (FRACTION FORM).

DEAD LOAD DEFLECTION TABLE FOR GIRDERS - SPAN A																					
	GIRDERS A2 & A3																				
@ TWENTIETH POINTS BETWEEN C BEARINGS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	0
DEFLECTION DUE TO WEIGHT OF GIRDER ↓	0.000	0.021	0.042	0.061	0.079	0.094	0.106	0.117	0.124	0.129	0.130	0.129	0.124	0.117	0.106	0.094	0.079	0.061	0.042	0.021	0.000
DEFLECTION DUE TO WEIGHT OF SLAB * ↓	0.000	0.085	0.166	0.242	0.310	0.370	0.421	0.462	0.491	0.509	0.516	0.509	0.491	0.462	0.421	0.370	0.310	0.242	0.166	0.085	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL ↓	0.000	0.009	0.017	0.025	0.032	0.038	0.044	0.048	0.051	0.053	0.053	0.053	0.051	0.048	0.044	0.038	0.032	0.025	0.017	0.009	0.000
TOTAL DEAD LOAD DEFLECTION ↓	0.000	0.115	0.225	0.328	0.421	0.502	0.571	0.627	0.666	0.691	0.699	0.691	0.666	0.627	0.571	0.502	0.421	0.328	0.225	0.115	0.000
VERTICAL CURVE ORDINATE ↑	0.000	-0.026	-0.049	-0.070	-0.088	-0.103	-0.115	-0.125	-0.132	-0.136	-0.137	-0.136	-0.132	-0.125	-0.115	-0.103	-0.088	-0.070	-0.049	-0.026	0.000
REQUIRED CAMBER ↑	0	1/16"	2/8"	3/8"	4"	4 3/16"	5 1/2"	6"	6 7/16"	6 11/16"	6 3/4"	6 11/16"	6 7/16"	6"	5 1/2"	4 3/16"	4"	3 1/8"	2 1/8"	1 1/16"	0

* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.
ALL VALUES ARE SHOWN IN FEET EXCEPT "REQUIRED CAMBER", WHICH IS GIVEN IN INCHES (FRACTION FORM).

PROJECT NO. B-4327
WILSON COUNTY
STATION: 23+80.00 -L-



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE
DEAD LOAD
DEFLECTIONS
SPAN "A"

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-11
1			3			TOTAL SHEETS 24
2			4			

DRAWN BY: PEGGY ADKINS DATE: 10-04
CHECKED BY: M.M. PARSONS DATE: 12-04