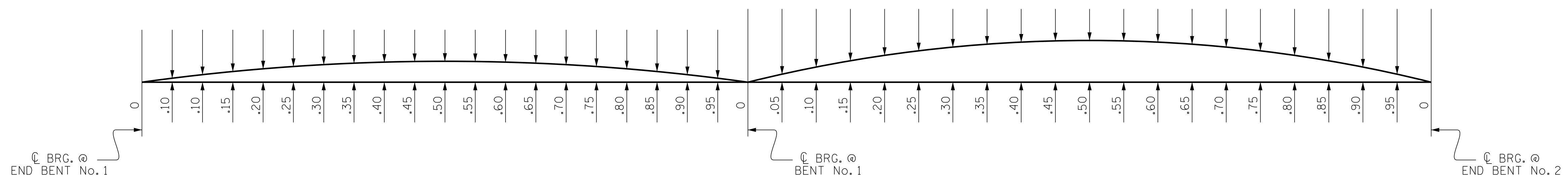


DEAD LOAD DEFLECTION TABLE FOR GIRDERS																						
SPAN B - GIRDERS 2, 3, 8, & 9																						
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	0	
DEFLECTION DUE TO WEIGHT OF GIRDER	↓	0.000	0.003	0.009	0.016	0.024	0.034	0.043	0.053	0.062	0.069	0.074	0.077	0.078	0.076	0.071	0.064	0.054	0.043	0.030	0.015	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	↓	0.000	0.013	0.032	0.056	0.086	0.118	0.152	0.184	0.213	0.237	0.255	0.264	0.266	0.259	0.243	0.218	0.186	0.146	0.101	0.052	0.000
DEFLECTION DUE TO WEIGHT OF PARAPET **	↓	0.000	0.001	0.004	0.006	0.010	0.013	0.017	0.020	0.023	0.026	0.028	0.029	0.028	0.026	0.023	0.020	0.016	0.011	0.006	0.000	0.000
TOTAL DEAD LOAD DEFLECTION	↓	0.000	0.017	0.045	0.078	0.120	0.165	0.212	0.257	0.298	0.332	0.357	0.370	0.373	0.363	0.340	0.305	0.260	0.205	0.142	0.073	0.000
VERTICAL CURVE ORDINATE	↑	0.000	0.036	0.069	0.097	0.122	0.143	0.160	0.173	0.183	0.189	0.191	0.189	0.183	0.173	0.160	0.143	0.122	0.097	0.069	0.036	0.000
REQUIRED CAMBER	↑	0	5/8"	1 3/8"	2 1/8"	2 7/8"	3 11/16"	4 7/16"	5 3/16"	5 3/4"	6 1/4"	6 9/16"	6 11/16"	6 7/16"	6"	5 3/8"	4 9/16"	3 5/8"	2 1/2"	1 5/16"	0	0

* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.
 ALL VALUES ARE SHOWN IN FEET (DECIMAL FORM), EXCEPT "FINAL CAMBER", WHICH IS GIVEN IN INCHES (FRACTION FORM).
 ** DEFLECTION DUE TO WEIGHT OF SIDEWALK ON RIGHT SIDE IS NEGLIGIBLE.

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																						
SPAN B - GIRDERS 4 THRU 7																						
TWENTIETH POINTS	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	0.003	0.009	0.016	0.024	0.034	0.043	0.053	0.062	0.069	0.074	0.077	0.078	0.076	0.071	0.064	0.054	0.043	0.030	0.015	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	↓	0.000	0.013	0.032	0.056	0.086	0.118	0.152	0.184	0.213	0.237	0.254	0.264	0.266	0.259	0.243	0.218	0.186	0.146	0.101	0.052	0.000
DEFLECTION DUE TO WEIGHT OF PARAPET **	↓	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.002	0.002	0.001	0.000	0.000
TOTAL DEAD LOAD DEFLECTION	↓	0.000	0.016	0.042	0.073	0.111	0.154	0.197	0.240	0.278	0.310	0.332	0.345	0.348	0.339	0.318	0.285	0.243	0.191	0.133	0.068	0.000
VERTICAL CURVE ORDINATE	↑	0.000	0.036	0.069	0.097	0.122	0.143	0.160	0.173	0.183	0.189	0.191	0.189	0.183	0.173	0.160	0.143	0.122	0.097	0.069	0.036	0.000
REQUIRED CAMBER	↑	0	5/8"	1 5/16"	2 1/16"	2 13/16"	3 3/16"	4 5/16"	4 15/16"	5 1/2"	6"	6 1/4"	6 7/16"	6 3/8"	6 1/8"	5 3/4"	5 1/8"	4 3/8"	3 7/16"	2 7/16"	1 1/4"	0

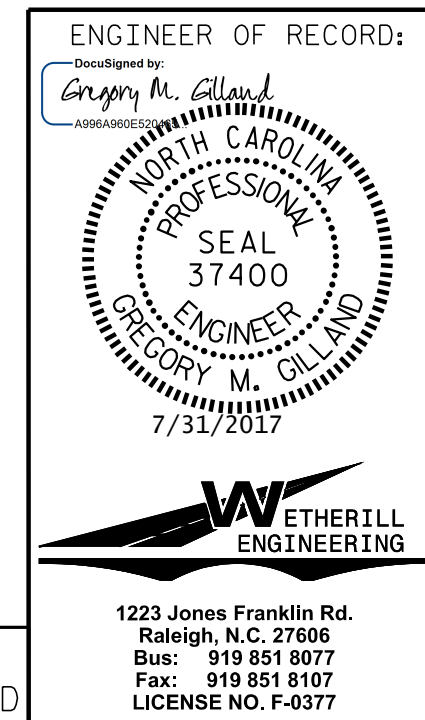
* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.
 ALL VALUES ARE SHOWN IN FEET (DECIMAL FORM), EXCEPT "FINAL CAMBER", WHICH IS GIVEN IN INCHES (FRACTION FORM).
 ** DEFLECTION DUE TO WEIGHT OF SIDEWALK ON RIGHT SIDE IS NEGLIGIBLE.



SCHEMATIC CAMBER ORDINATES

SLOPE FOR THE ZERO CAMBER BASE LINE VARIES.

PROJECT NO. I-5506
WAKE COUNTY
 STATION: 50+61.09 -L-
 SHEET 2 OF 2



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE
 DEAD LOAD
 DEFLECTION TABLES

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S01-21
1			3			TOTAL SHEETS
2			4			46

DRAWN BY: D. HODGE DATE: 8/16
 CHECKED BY: B.C. HUNT DATE: 10/16

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

\$FILE\$ \$DATE\$ \$TIME\$