

DEAD LOAD DEFLECTION TABLE FOR GIRDERS

TWENTIETH POINTS	GIRDER 1																																														
	SPAN A																	SPAN B																													
	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	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	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-0.002	-0.003	-0.004	-0.005	-0.007	-0.008	-0.008	-0.009	-0.009	-0.008	-0.008	-0.007	-0.006	-0.005	-0.004	-0.002	-0.001	0.000	0.000						
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.001	-0.002	-0.002	-0.003	-0.003	-0.004	-0.004	-0.004	-0.003	-0.003	-0.002	-0.002	-0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	-0.002	-0.005	-0.009	-0.013	-0.017	-0.020	-0.023	-0.026	-0.027	-0.027	-0.026	-0.025	-0.022	-0.019	-0.015	-0.011	-0.008	-0.004	-0.002	0.000	0.000					
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-0.002	-0.002	-0.003	-0.004	-0.004	-0.005	-0.005	-0.005	-0.005	-0.005	-0.004	-0.004	-0.003	-0.003	-0.002	-0.001	-0.001	0.000	0.000						
TOTAL DEAD LOAD DEFLECTION	0.000	-0.001	-0.003	-0.004	-0.005	-0.005	-0.006	-0.006	-0.006	-0.005	-0.005	-0.003	-0.002	-0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	-0.003	-0.008	-0.014	-0.019	-0.025	-0.031	-0.035	-0.039	-0.041	-0.041	-0.039	-0.037	-0.033	-0.028	-0.023	-0.017	-0.011	-0.006	-0.002	0.000	0.000					
VERTICAL CURVE ORDINATE	0.000	0.001	0.002	0.003	0.003	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.003	0.003	0.002	0.001	0.000	0.003	0.005	0.007	0.009	0.010	0.011	0.012	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.011	0.010	0.009	0.007	0.005	0.003	0.000	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	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	0.000	0.000	0.000
REQUIRED CAMBER	0	2	5	7	8	9	11	11	11	10	10	8	7	6	5	3	2	2	1	1	0	6	13	21	28	35	42	47	52	54	54	52	50	45	39	33	26	18	11	5	0	0	0	0			

* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.

ALL VALUES ARE SHOWN IN METERS, EXCEPT "FINAL CAMBER" WHICH IS SHOWN IN MILLIMETERS.

DEFLECTIONS ARE TAKEN AT TWENTIETH POINTS BETWEEN BEARINGS.

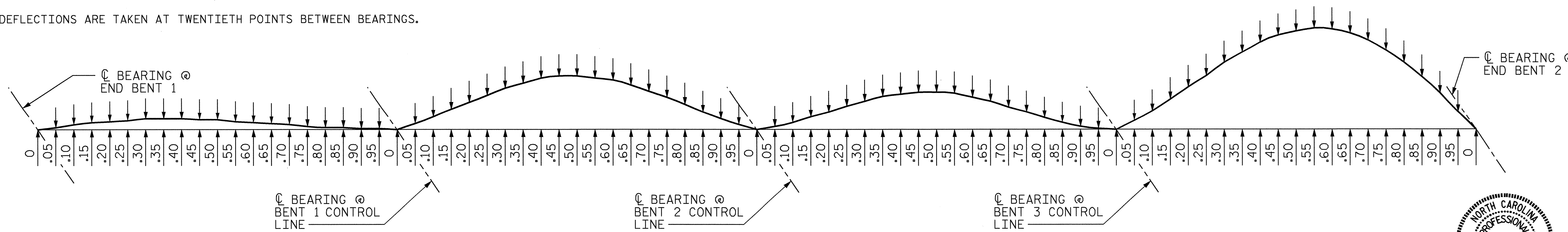
DEAD LOAD DEFLECTION TABLE FOR GIRDERS

TWENTIETH POINTS	GIRDER 1																																																
	SPAN C																	SPAN D																															
	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	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	0.000	-0.001	-0.001	-0.002	-0.003	-0.004	-0.005	-0.005	-0.005	-0.005	-0.005	-0.004	-0.003	-0.002	-0.001	0.000	0.000	0.000	0.000	0.000	-0.001	-0.003	-0.005	-0.007	-0.009	-0.011	-0.013	-0.015	-0.016	-0.017	-0.018	-0.018	-0.017	-0.016	-0.014	-0.012	-0.009	-0.007	-0.003	0.000	0.000							
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.000	-0.001	-0.003	-0.006	-0.008	-0.011	-0.013	-0.014	-0.015	-0.015	-0.014	-0.012	-0.010	-0.007	-0.004	-0.002	0.001	0.002	0.002	0.000	-0.004	-0.009	-0.016	-0.023	-0.030	-0.038	-0.044	-0.050	-0.055	-0.058	-0.059	-0.059	-0.057	-0.053	-0.047	-0.040	-0.032	-0.022	-0.011	0.000	0.000							
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.000	0.000	-0.001	-0.001	-0.002	-0.002	-0.003	-0.003	-0.003	-0.003	-0.003	-0.002	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	-0.001	-0.002	-0.003	-0.004	-0.005	-0.007	-0.008	-0.009	-0.010	-0.010	-0.011	-0.010	-0.010	-0.010	-0.009	-0.008	-0.007	-0.006	-0.004	-0.002	0.000	0.000						
TOTAL DEAD LOAD DEFLECTION	0.000	0.000	-0.002	-0.005	-0.009	-0.013	-0.017	-0.021	-0.022	-0.023	-0.023	-0.022	-0.019	-0.016	-0.011	-0.007	-0.003	0.001	0.002	0.002	0.000	-0.006	-0.014	-0.024	-0.034	-0.044	-0.056	-0.065	-0.074	-0.081	-0.085	-0.088	-0.087	-0.084	-0.078	-0.069	-0.059	-0.047	-0.033	-0.016	0.000	0.000							
VERTICAL CURVE ORDINATE	0.000	0.003	0.005	0.008	0.009	0.011	0.012	0.013	0.014	0.015	0.015	0.015	0.014	0.013	0.012	0.011	0.009	0.008	0.005	0.003	0.000	0.003	0.005	0.007	0.009	0.010	0.011	0.012	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.011	0.010	0.008	0.006	0.004	0.002	0.000	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	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	0.000	0.000	0.000	0.000	0.000
REQUIRED CAMBER	0	3	7	13	18	24	29	34	36	38	38	37	33	29	23	18	12	7	3	1	0	9	19	31	43	54	67	77	87	94	98	101	100	96	89	79	67	53	37	18	0	0	0						

* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.

ALL VALUES ARE SHOWN IN METERS, EXCEPT "FINAL CAMBER" WHICH IS SHOWN IN MILLIMETERS.

DEFLECTIONS ARE TAKEN AT TWENTIETH POINTS BETWEEN BEARINGS.



SCHEMATIC CAMBER ORDINATES

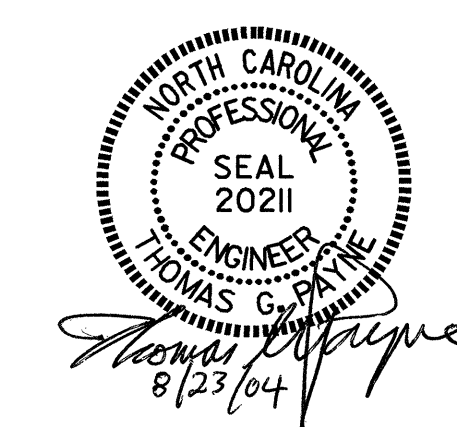
FOR CAMBER AT TWENTIETH POINTS, SEE TABLES.
SLOPE FOR THE ZERO CAMBER BASE LINE VARIES.

PROJECT NO. R-2206B
LINCOLN COUNTY
 STATION: 123+38.105 -L-

SHEET 1 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE
 DEAD LOAD
 DEFLECTION TABLES
 (LEFT LANE)



DRAWN BY: M. J. OSTRISHKO DATE: 4-2-01
 CHECKED BY: E. G. ALLEN DATE: 4-20-01

20-AUG-2004 15:51
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REVISIONS				SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
				S-18	
				TOTAL SHEETS	
				86	

STR. #1