

DEAD LOAD DEFLECTION TABLE FOR GIRDERS

	GIRDER 4																																											
	SPAN A																SPAN B																											
TWENTIETH POINTS	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	-0.001	-0.001	-0.001	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	0.001	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		
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	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-0.002	-0.002	-0.003	-0.004	-0.004	-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			
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	0.004	0.003	0.003	0.002	0.001	0.000	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		
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
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			

* 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

	GIRDER 4																																												
	SPAN C																SPAN D																												
TWENTIETH POINTS	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	-0.005	-0.004	-0.003	-0.002	-0.001	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				
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				
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	-0.009	-0.008	-0.007	-0.006	-0.004	-0.002	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				
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	0.002	0.004	0.005	0.006	0.007	0.008	0.008	0.008	0.008	0.007	0.006	0.006	0.005	0.004	0.004	0.003	0.002	0.001	0.001	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
REQUIRED CAMBER	0	3	7	13	18	24	29	34	36	38	38	37	33	29	23	18	12	7	3	1	0	8	18	29	40	51	64	73	82	89	92	94	93	89	82	73	62	49	34	17	0				

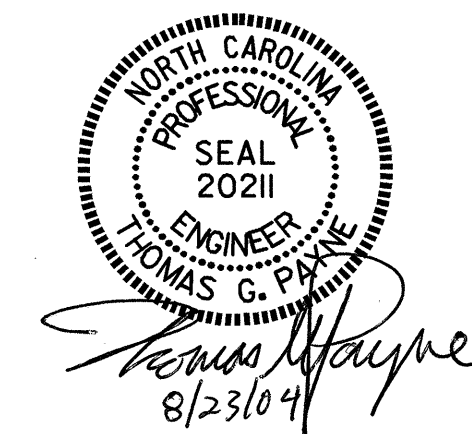
* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.

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

DEFLECTIONS ARE TAKEN AT TWENTIETH POINTS BETWEEN BEARINGS.

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

SHEET 4 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

REVISIONS				SHEET NO.
NO.	BY:	DATE:	NO.	DATE:
1			3	
2			4	

TOTAL SHEETS
86