

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																																										
TWENTIETH POINTS	SPAN A																SPAN B																									
	GIRDERS 1 & 6																GIRDERS 1 & 6																									
	BRG.	.05	.1	.15	.2	.25	.3	.35	.4	.45	.5	.55	.6	.65	.7	.75	.8	.85	.9	.95	BRG.	.05	.1	.15	.2	.25	.3	.35	.4	.45	.5	.55	.6	.65	.7	.75	.8	.85	.9	.95	BRG.	
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.001	0.002	0.003	0.004	0.005	0.005	0.006	0.006	0.006	0.005	0.005	0.004	0.004	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.001	0.001	0.002	0.002	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.005	0.005	0.004	0.003	0.002	0.001	0.000	
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.005	0.010	0.014	0.018	0.021	0.024	0.025	0.026	0.025	0.024	0.022	0.020	0.017	0.014	0.010	0.007	0.004	0.002	0.001	0.000	0.001	0.002	0.004	0.007	0.010	0.014	0.017	0.020	0.022	0.024	0.025	0.026	0.025	0.024	0.021	0.018	0.014	0.010	0.005	0.000	
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.001	0.002	0.003	0.003	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.003	0.003	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.003	0.003	0.002	0.001	0.000		
TOTAL DEAD LOAD DEFLECTION	0.000	0.007	0.014	0.020	0.025	0.030	0.033	0.035	0.037	0.035	0.034	0.031	0.028	0.024	0.020	0.014	0.010	0.006	0.003	0.001	0.000	0.001	0.003	0.006	0.010	0.014	0.020	0.024	0.028	0.031	0.034	0.035	0.037	0.035	0.033	0.030	0.025	0.020	0.014	0.007	0.000	
VERTICAL CURVE ORDINATE	0.000	0.006	0.011	0.015	0.019	0.022	0.025	0.027	0.028	0.029	0.030	0.029	0.028	0.027	0.025	0.022	0.019	0.015	0.011	0.006	0.000	0.006	0.011	0.015	0.019	0.022	0.025	0.027	0.028	0.029	0.030	0.029	0.028	0.027	0.025	0.022	0.019	0.015	0.011	0.006	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
REQUIRED CAMBER	0	13	25	35	44	52	58	62	65	64	64	60	56	51	45	36	29	21	14	7	0	7	14	21	29	36	45	51	56	60	64	64	65	62	58	52	44	35	25	13	0	

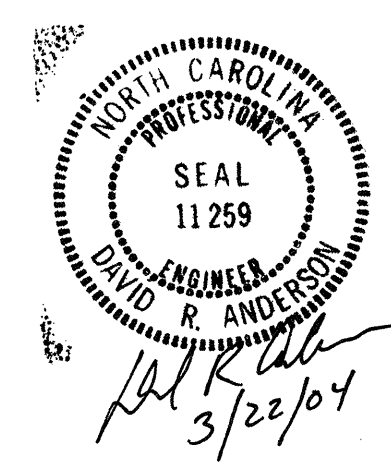
* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.
 ALL VALUES ARE SHOWN IN METERS, EXCEPT "REQUIRED CAMBER" WHICH IS SHOWN IN MILLIMETERS.

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																																										
TWENTIETH POINTS	SPAN A																SPAN B																									
	GIRDERS 2 THRU 5																GIRDERS 2 THRU 5																									
	BRG.	.05	.1	.15	.2	.25	.3	.35	.4	.45	.5	.55	.6	.65	.7	.75	.8	.85	.9	.95	BRG.	.05	.1	.15	.2	.25	.3	.35	.4	.45	.5	.55	.6	.65	.7	.75	.8	.85	.9	.95	BRG.	
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.001	0.002	0.003	0.004	0.005	0.005	0.006	0.006	0.006	0.005	0.005	0.004	0.004	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.001	0.001	0.002	0.002	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.005	0.005	0.004	0.003	0.002	0.001	0.000	
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.006	0.011	0.017	0.021	0.024	0.027	0.029	0.029	0.029	0.028	0.025	0.023	0.019	0.016	0.012	0.008	0.005	0.003	0.001	0.000	0.001	0.003	0.005	0.008	0.012	0.016	0.019	0.023	0.025	0.028	0.029	0.029	0.029	0.027	0.024	0.021	0.017	0.011	0.006	0.000	
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.001	0.002	0.002	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.002	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.002	0.002	0.001	0.000	
TOTAL DEAD LOAD DEFLECTION	0.000	0.008	0.015	0.022	0.028	0.033	0.036	0.039	0.039	0.039	0.037	0.034	0.030	0.026	0.021	0.016	0.011	0.007	0.004	0.001	0.000	0.001	0.004	0.007	0.011	0.016	0.021	0.026	0.030	0.034	0.037	0.039	0.039	0.039	0.036	0.033	0.028	0.022	0.015	0.008	0.000	
VERTICAL CURVE ORDINATE	0.000	0.006	0.011	0.015	0.019	0.022	0.025	0.027	0.028	0.029	0.030	0.029	0.028	0.027	0.025	0.022	0.019	0.015	0.011	0.006	0.000	0.006	0.011	0.015	0.019	0.022	0.025	0.027	0.028	0.029	0.030	0.029	0.028	0.027	0.025	0.022	0.019	0.015	0.011	0.006	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
REQUIRED CAMBER	0	14	26	37	47	55	61	66	67	68	67	63	58	53	46	38	30	22	15	7	0	7	15	22	30	38	46	53	58	63	67	68	67	66	61	55	47	37	26	14	0	

* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.
 ALL VALUES ARE SHOWN IN METERS, EXCEPT "REQUIRED CAMBER" WHICH IS SHOWN IN MILLIMETERS.

NOTE
 SLOPE FOR THE ZERO CAMBER BASE LINE VARIES

PROJECT NO. R-513C
ROBESON COUNTY
 STATION: 256+58.326 -L-



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH				SHEET NO. 5-76	
SUPERSTRUCTURE DEAD LOAD DEFLECTIONS				TOTAL SHEETS 312	
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

DRAWN BY: I.A. WALTER DATE: 7/18/00
 CHECKED BY: N.O. TRAN DATE: 10/11/02