

DEAD LOAD DEFLECTION TABLE FOR GIRDERS												
	SPAN A											
	GIRDERS #1 - #4											
	¢ BRG.	.1	.2	.3	.4	.5	.6	.7	.8	.9	¢ BRG.	
TENTH POINTS	¢ BRG.	.1	.2	.3	.4	.5	.6	.7	.8	.9	¢ BRG.	
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.004	0.008	0.010	0.011	0.010	0.008	0.005	0.002	0.000	0.000	
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.017	0.032	0.041	0.044	0.040	0.032	0.020	0.009	0.001	0.000	
DEFLECTION DUE TO WEIGHT OF PARAPET	0.000	0.002	0.004	0.006	0.006	0.005	0.004	0.003	0.001	0.000	0.000	
TOTAL DEAD LOAD DEFLECTION	0.000	0.023	0.044	0.057	0.061	0.055	0.044	0.028	0.012	0.001	0.000	
VERTICAL CURVE ORDINATE	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	1/4"	1/2"	11/16"	3/4"	11/16"	1/2"	5/16"	1/8"	0	0	

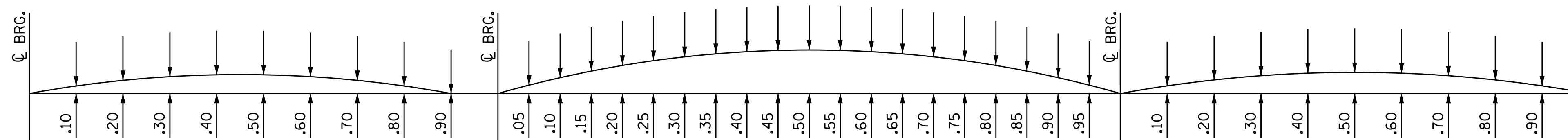
* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.
ALL VALUES ARE SHOWN IN FEET (DECIMAL FORM), EXCEPT "REQUIRED CAMBER", WHICH IS GIVEN IN INCHES (FRACTION FORM)

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																						
	SPAN B																					
	GIRDERS #1 - #4																					
	¢ BRG.	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	¢ BRG.	
TWENTIETH POINTS	¢ BRG.	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	¢ BRG.	
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.002	0.004	0.007	0.011	0.015	0.018	0.021	0.023	0.025	0.025	0.025	0.023	0.021	0.018	0.014	0.011	0.007	0.004	0.001	0.000	
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.005	0.014	0.025	0.038	0.050	0.062	0.073	0.080	0.085	0.086	0.084	0.079	0.070	0.059	0.047	0.034	0.022	0.011	0.004	0.000	
DEFLECTION DUE TO WEIGHT OF PARAPET	0.000	0.001	0.002	0.004	0.006	0.008	0.009	0.011	0.012	0.013	0.013	0.013	0.012	0.011	0.009	0.007	0.005	0.003	0.002	0.001	0.000	
TOTAL DEAD LOAD DEFLECTION	0.000	0.008	0.020	0.036	0.055	0.073	0.089	0.105	0.115	0.123	0.124	0.122	0.114	0.102	0.086	0.068	0.050	0.032	0.017	0.006	0.000	
VERTICAL CURVE ORDINATE	0.000	0.031	0.062	0.093	0.124	0.150	0.172	0.190	0.203	0.211	0.215	0.214	0.209	0.199	0.184	0.165	0.141	0.113	0.080	0.042	0.000	
REQUIRED CAMBER	0	7/16"	1"	1 1/16"	2 1/8"	2 1/16"	3 1/8"	3 3/16"	4"	4 1/16"	4 1/16"	3 7/8"	3 5/8"	3 1/4"	2 13/16"	2 5/16"	1 3/4"	1 3/16"	9/16"	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).

DEAD LOAD DEFLECTION TABLE FOR GIRDERS												
	SPAN C											
	GIRDERS #1 - #4											
	¢ BRG.	.1	.2	.3	.4	.5	.6	.7	.8	.9	¢ BRG.	
TENTH POINTS	¢ BRG.	.1	.2	.3	.4	.5	.6	.7	.8	.9	¢ BRG.	
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.000	0.003	0.007	0.010	0.013	0.014	0.013	0.010	0.006	0.000	
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.004	0.017	0.034	0.050	0.061	0.065	0.061	0.047	0.026	0.000	
DEFLECTION DUE TO WEIGHT OF PARAPET	0.000	0.001	0.002	0.005	0.007	0.008	0.009	0.008	0.006	0.003	0.000	
TOTAL DEAD LOAD DEFLECTION	0.000	0.005	0.022	0.046	0.067	0.082	0.088	0.082	0.063	0.035	0.000	
VERTICAL CURVE ORDINATE	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	1/16"	1/4"	9/16"	1 3/16"	1"	1 1/16"	1"	3/4"	7/16"	0	

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



SPAN A

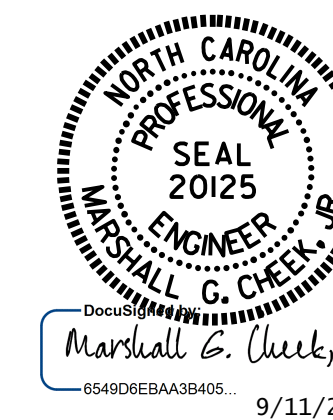
SPAN B

SPAN C

SCHMATIC CAMBER ORDINATES

SLOPE FOR THE ZERO CAMBER BASE LINE VARIES.

DRAWN BY : M. POOLE/DAH DATE : 04/14
CHECKED BY : B.N. GRADY DATE : 6/15
DESIGN ENGINEER OF RECORD : S.T. CHAMPION DATE : 8/15



PROJECT NO. B-3868
MACON COUNTY
STATION: 18+33.50 -L-

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE DEAD LOAD DEFLECTIONS					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S-19
TOTAL SHEETS 40