

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
0.6" Ø LOW RELAXATION	SPAN A & SPAN C																				
	GIRDERS 1 & 4																				
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	0
CAMBER ( GIRDER ALONE IN PLACE ) ↑	0.000	0.016	0.031	0.045	0.058	0.070	0.080	0.088	0.093	0.097	0.098	0.097	0.093	0.088	0.080	0.070	0.058	0.045	0.031	0.016	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.009	0.017	0.026	0.034	0.041	0.048	0.053	0.056	0.059	0.059	0.059	0.056	0.053	0.048	0.041	0.034	0.026	0.017	0.009	0.000
FINAL CAMBER ↑	0	1/16"	3/16"	1/4"	5/16"	5/16"	3/8"	7/16"	7/16"	7/16"	7/16"	7/16"	7/16"	7/16"	3/8"	5/16"	5/16"	1/4"	3/16"	1/16"	0

\* INCLUDES FUTURE WEARING SURFACE  
ALL VALUES ARE SHOWN IN FEET ( DECIMAL FORM ), EXCEPT " FINAL CAMBER ", WHICH IS GIVEN IN INCHES ( FRACTION FORM ).

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
0.6" Ø LOW RELAXATION	SPAN A & SPAN C																				
	GIRDERS 2 & 3																				
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	0
CAMBER ( GIRDER ALONE IN PLACE ) ↑	0.000	0.016	0.031	0.045	0.058	0.070	0.080	0.088	0.093	0.097	0.098	0.097	0.093	0.088	0.080	0.070	0.058	0.045	0.031	0.016	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.009	0.019	0.029	0.038	0.046	0.053	0.058	0.062	0.065	0.066	0.065	0.062	0.058	0.053	0.046	0.038	0.029	0.019	0.009	0.000
FINAL CAMBER ↑	0	1/16"	1/8"	3/16"	1/4"	5/16"	5/16"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	5/16"	5/16"	1/4"	3/16"	1/8"	1/16"	0

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CAMBER ( GIRDER ALONE IN PLACE ) ↑	0.000	0.014	0.027	0.039	0.051	0.061	0.069	0.076	0.081	0.084	0.085	0.084	0.081	0.076	0.069	0.061	0.051	0.039	0.027	0.014	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.006	0.012	0.018	0.024	0.029	0.034	0.037	0.040	0.042	0.042	0.042	0.040	0.037	0.034	0.029	0.024	0.018	0.012	0.006	0.000
FINAL CAMBER ↑	0	1/16"	3/16"	1/4"	5/16"	3/8"	7/16"	7/16"	1/2"	1/2"	1/2"	1/2"	1/2"	7/16"	7/16"	3/8"	5/16"	1/4"	3/16"	1/16"	0

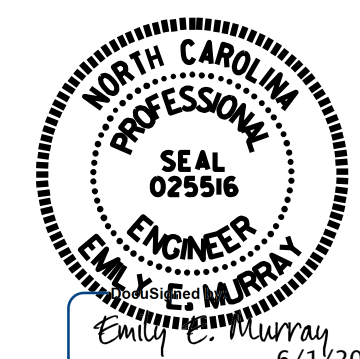
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CAMBER ( GIRDER ALONE IN PLACE ) ↑	0.000	0.014	0.027	0.039	0.051	0.061	0.069	0.076	0.081	0.084	0.085	0.084	0.081	0.076	0.069	0.061	0.051	0.039	0.027	0.014	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.007	0.013	0.020	0.027	0.032	0.037	0.041	0.044	0.046	0.046	0.046	0.044	0.041	0.037	0.032	0.027	0.020	0.013	0.007	0.000
FINAL CAMBER ↑	0	1/16"	3/16"	1/4"	5/16"	5/16"	3/8"	7/16"	7/16"	7/16"	7/16"	7/16"	7/16"	7/16"	3/8"	5/16"	5/16"	1/4"	3/16"	1/16"	0

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PROJECT NO. B-4593  
PAMLICO COUNTY  
STATION: 17+02.00 -L-

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
**SUPERSTRUCTURE  
DEAD LOAD  
DEFLECTIONS**



**VOLKERT**  
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Raleigh, NC 27607  
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NC License No. F-0765

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-21	
1			3			TOTAL SHEETS	
2			4			42	

ASSEMBLED BY : D. A. GLADDEN DATE : 11/18  
CHECKED BY : D. R. SMITH DATE : 11/18  
DESIGN ENGINEER OF RECORD : D. R. SMITH DATE : 11/18