

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																						
0.6" Ø LOW RELAXATION	SPAN A & SPAN C																					
	GIRDERS 1 - 5																					
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.0	
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.003	0.006	0.009	0.011	0.014	0.015	0.017	0.018	0.019	0.019	0.018	0.017	0.015	0.014	0.011	0.009	0.006	0.003	0.000	
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.006	0.007	0.007	0.007	0.007	0.006	0.006	0.005	0.004	0.003	0.002	0.001	0.000	
FINAL CAMBER	↑	0	0	1/16"	1/16"	1/16"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/16"	1/16"	1/16"	0	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 B																					
	GIRDERS 1 & 5																					
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.0	
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.033	0.066	0.096	0.123	0.149	0.170	0.187	0.199	0.207	0.209	0.207	0.199	0.187	0.170	0.149	0.123	0.096	0.066	0.033	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.000	0.024	0.048	0.070	0.093	0.111	0.129	0.141	0.152	0.158	0.160	0.158	0.152	0.141	0.129	0.111	0.093	0.070	0.048	0.024	0.000
FINAL CAMBER	↑	0	1/8"	3/16"	5/16"	3/8"	7/16"	1/2"	9/16"	9/16"	9/16"	9/16"	9/16"	9/16"	9/16"	1/2"	7/16"	3/8"	5/16"	3/16"	1/8"	0

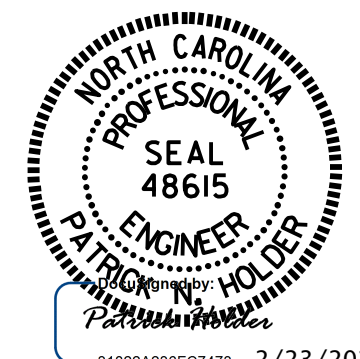
* INCLUDES FUTURE WEARING SURFACE ALL VALUES ARE SHOWN IN FEET (DECIMAL FORM), EXCEPT `` FINAL CAMBER ", WHICH IS GIVEN IN INCHES (FRACTION FORM).

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																						
0.6" Ø LOW RELAXATION	SPAN B																					
	GIRDERS 2 - 4																					
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.0	
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.033	0.066	0.096	0.123	0.149	0.170	0.187	0.199	0.207	0.209	0.207	0.199	0.187	0.170	0.149	0.123	0.096	0.066	0.033	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.000	0.027	0.054	0.080	0.106	0.126	0.146	0.159	0.172	0.179	0.181	0.179	0.172	0.159	0.146	0.126	0.106	0.080	0.054	0.027	0.000
FINAL CAMBER	↑	0	1/16"	1/8"	3/16"	3/16"	1/4"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	1/4"	3/16"	3/16"	1/8"	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).

PROJECT NO. BR-0073
COLUMBUS COUNTY
 STATION: 18+24.50 -L-

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE DEAD LOAD DEFLECTIONS					
REVISIONS					SHEET NO. S-20
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					TOTAL SHEETS 38



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DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

ASSEMBLED BY : _____ PNH DATE : 11/22
 CHECKED BY : _____ SN DATE : 11/22
 DESIGN ENGINEER OF RECORD : _____ PNH DATE : 11/22