

DEAD LOAD DEFLECTION TABLE FOR SPAN A																					
0.6" Ø LOW RELAXATION STRANDS	GIRDER 1																				
TWENTIETH POINTS	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00
CAMBER (GIRDER ALONE IN PLACE)	↑ 0.000	0.061	0.120	0.175	0.227	0.272	0.310	0.341	0.363	0.377	0.381	0.377	0.363	0.341	0.310	0.272	0.227	0.175	0.120	0.061	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. *	↓ 0.000	0.045	0.089	0.133	0.173	0.208	0.239	0.263	0.281	0.292	0.295	0.292	0.281	0.263	0.239	0.208	0.173	0.132	0.089	0.045	0.000
FINAL CAMBER	↑ 0	3/16	3/8	1/2	5/8	3/4	7/8	15/16	1	1	1 1/16	1	1	15/16	7/8	3/4	5/8	1/2	3/8	3/16	0

DEAD LOAD DEFLECTION TABLE FOR SPAN A																					
0.6" Ø LOW RELAXATION STRANDS	GIRDER 2 AND 8																				
TWENTIETH POINTS	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00
CAMBER (GIRDER ALONE IN PLACE)	↑ 0.000	0.061	0.120	0.175	0.227	0.272	0.310	0.341	0.363	0.377	0.381	0.377	0.363	0.341	0.310	0.272	0.227	0.175	0.120	0.061	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. *	↓ 0.000	0.045	0.088	0.131	0.171	0.206	0.236	0.260	0.278	0.289	0.292	0.289	0.278	0.260	0.236	0.206	0.171	0.131	0.088	0.044	0.000
FINAL CAMBER	↑ 0	3/16	3/8	1/2	11/16	13/16	7/8	15/16	1	1 1/16	1 1/16	1 1/16	1	15/16	7/8	13/16	11/16	1/2	3/8	3/16	0

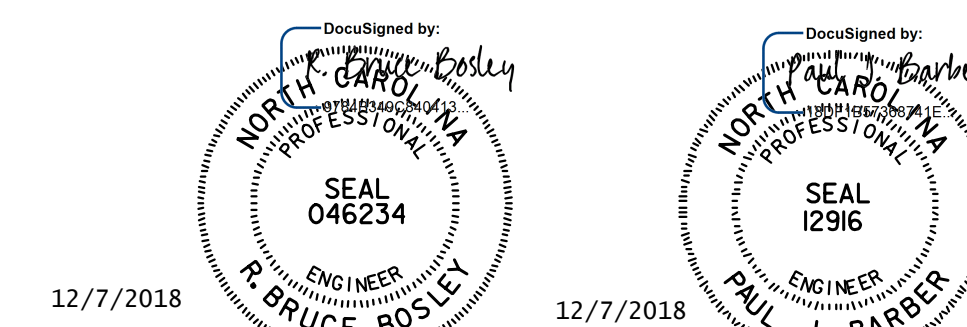
DEAD LOAD DEFLECTION TABLE FOR SPAN A																					
0.6" Ø LOW RELAXATION STRANDS	GIRDER 3 AND 7																				
TWENTIETH POINTS	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00
CAMBER (GIRDER ALONE IN PLACE)	↑ 0.000	0.061	0.120	0.175	0.227	0.272	0.310	0.341	0.363	0.377	0.381	0.377	0.363	0.341	0.310	0.272	0.227	0.175	0.120	0.061	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. *	↓ 0.000	0.044	0.087	0.129	0.168	0.202	0.232	0.256	0.273	0.284	0.287	0.284	0.273	0.256	0.232	0.202	0.168	0.129	0.087	0.044	0.000
FINAL CAMBER	↑ 0	3/16	3/8	9/16	11/16	13/16	15/16	1	1 1/16	1 1/8	1 1/8	1 1/8	1 1/16	1	15/16	13/16	11/16	9/16	3/8	3/16	0

DEAD LOAD DEFLECTION TABLE FOR SPAN A																					
0.6" Ø LOW RELAXATION STRANDS	GIRDER 4, 5 AND 6																				
TWENTIETH POINTS	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00
CAMBER (GIRDER ALONE IN PLACE)	↑ 0.000	0.061	0.120	0.175	0.227	0.272	0.310	0.341	0.363	0.377	0.381	0.377	0.363	0.341	0.310	0.272	0.227	0.175	0.120	0.061	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. *	↓ 0.000	0.047	0.093	0.138	0.180	0.216	0.248	0.274	0.292	0.304	0.307	0.304	0.292	0.274	0.248	0.216	0.180	0.138	0.093	0.047	0.000
FINAL CAMBER	↑ 0	3/16	5/16	7/16	9/16	11/16	3/4	13/16	7/8	7/8	7/8	7/8	7/8	13/16	3/4	11/16	9/16	7/16	5/16	3/16	0

DEAD LOAD DEFLECTION TABLE FOR SPAN A																					
0.6" Ø LOW RELAXATION STRANDS	GIRDER 9																				
TWENTIETH POINTS	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00
CAMBER (GIRDER ALONE IN PLACE)	↑ 0.000	0.061	0.120	0.175	0.227	0.272	0.310	0.341	0.363	0.377	0.381	0.377	0.363	0.341	0.310	0.272	0.227	0.175	0.120	0.061	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. *	↓ 0.000	0.044	0.087	0.129	0.168	0.203	0.233	0.256	0.274	0.284	0.287	0.284	0.274	0.256	0.233	0.203	0.168	0.129	0.087	0.044	0.000
FINAL CAMBER	↑ 0	3/16	3/8	9/16	11/16	13/16	15/16	1	1 1/16	1 1/8	1 1/8	1 1/8	1 1/16	1	15/16	13/16	11/16	9/16	3/8	3/16	0

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

PROJECT NO. R-5021
BRUNSWICK COUNTY
 STATION: POC 31+30.81 -YREV-



DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

HNTB		HNTB NORTH CAROLINA, P.C. NC License No. C-1554 343 E. Six Forks Rd., Suite 200, Raleigh, N.C. 27609	
DRAWN BY	L. WATERS	DATE	6/18
CHECKED BY	B. BOSLEY	DATE	6/18
DESIGNED BY	B. BOSLEY	DATE	12/18

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE GIRDER DEAD LOAD DEFLECTIONS AND CAMBER					
REVISIONS				SHEET NO. S3-14	
NO.	BY	DATE	NO.	BY	DATE
1			3		
2			4		
TOTAL SHEETS 25					