

DEAD LOAD DEFLECTION TABLE FOR SPANS A & C											
0.6" Ø LOW RELAXATION STRANDS	GIRDER 1										
TENTH POINTS	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
CAMBER (GIRDER ALONE IN PLACE)	↑ 0.000	0.040	0.076	0.105	0.122	0.129	0.122	0.105	0.076	0.040	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L.	* ↓ 0.000	0.028	0.056	0.078	0.092	0.097	0.092	0.078	0.056	0.028	0.000
FINAL CAMBER	↑ 0	1/8	1/4	5/16	3/8	3/8	3/8	5/16	1/4	1/8	0

DEAD LOAD DEFLECTION TABLE FOR SPANS A & C											
0.6" Ø LOW RELAXATION STRANDS	GIRDER 2 & 3										
TENTH POINTS	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
CAMBER (GIRDER ALONE IN PLACE)	↑ 0.000	0.040	0.076	0.105	0.122	0.129	0.122	0.105	0.076	0.040	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L.	* ↓ 0.000	0.030	0.060	0.084	0.099	0.104	0.099	0.084	0.060	0.030	0.000
FINAL CAMBER	↑ 0	1/8	3/16	1/4	1/4	5/16	1/4	1/4	3/16	1/8	0

DEAD LOAD DEFLECTION TABLE FOR SPANS A & C											
0.6" Ø LOW RELAXATION STRANDS	GIRDER 4										
TENTH POINTS	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
CAMBER (GIRDER ALONE IN PLACE)	↑ 0.000	0.040	0.076	0.105	0.122	0.129	0.122	0.105	0.076	0.040	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L.	* ↓ 0.000	0.028	0.055	0.076	0.089	0.094	0.089	0.076	0.055	0.028	0.000
FINAL CAMBER	↑ 0	1/8	1/4	3/8	3/8	7/16	3/8	3/8	1/4	1/8	0

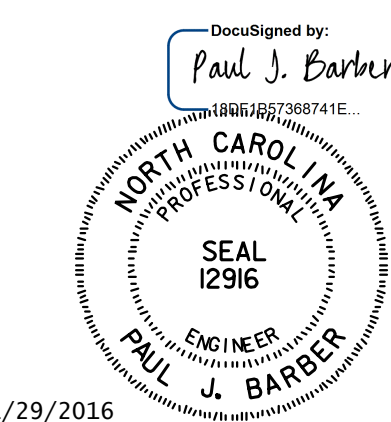
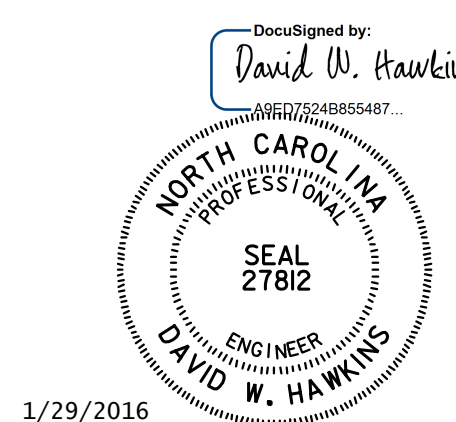
DEAD LOAD DEFLECTION TABLE FOR SPAN B											
0.6" Ø LOW RELAXATION STRANDS	GIRDER 1										
TENTH POINTS	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
CAMBER (GIRDER ALONE IN PLACE)	↑ 0.000	0.038	0.072	0.099	0.115	0.121	0.115	0.099	0.072	0.038	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L.	* ↓ 0.000	0.024	0.047	0.066	0.078	0.082	0.078	0.066	0.047	0.024	0.000
FINAL CAMBER	↑ 0	3/16	5/16	3/8	7/16	1/2	7/16	3/8	5/16	3/16	0

DEAD LOAD DEFLECTION TABLE FOR SPAN B											
0.6" Ø LOW RELAXATION STRANDS	GIRDER 2 & 3										
TENTH POINTS	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
CAMBER (GIRDER ALONE IN PLACE)	↑ 0.000	0.038	0.072	0.099	0.115	0.121	0.115	0.099	0.072	0.038	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L.	* ↓ 0.000	0.026	0.051	0.071	0.083	0.087	0.083	0.071	0.051	0.026	0.000
FINAL CAMBER	↑ 0	1/8	1/4	5/16	3/8	3/8	3/8	5/16	1/4	1/8	0

DEAD LOAD DEFLECTION TABLE FOR SPAN B											
0.6" Ø LOW RELAXATION STRANDS	GIRDER 4										
TENTH POINTS	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
CAMBER (GIRDER ALONE IN PLACE)	↑ 0.000	0.038	0.072	0.099	0.115	0.121	0.115	0.099	0.072	0.038	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L.	* ↓ 0.000	0.023	0.046	0.064	0.075	0.079	0.075	0.064	0.046	0.023	0.000
FINAL CAMBER	↑ 0	3/16	5/16	7/16	1/2	1/2	1/2	7/16	5/16	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. B-4811
RUTHERFORD COUNTY
 STATION: POC 15+25.00 -L-



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

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	DRAWN BY <u>J. BAYNE</u> DATE <u>1/15</u>		CHECKED BY <u>D. RAGAN</u> DATE <u>4/15</u>		DATE <u>1/15</u>	DATE <u>4/15</u>	DWG. NO. <u>17</u>																											
	HNTB HNTB NORTH CAROLINA, P.C. NC License No. C-1554 343 E. Six Forks Rd., Suite 200, Raleigh, N.C. 27609																																	
	<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="6">REVISIONS</th> <th>SHEET NO.</th> </tr> <tr> <th>NO.</th> <th>BY</th> <th>DATE</th> <th>NO.</th> <th>BY</th> <th>DATE</th> <th>S01-17</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td></td> <td>3</td> <td></td> <td></td> <td>TOTAL SHEETS</td> </tr> <tr> <td>2</td> <td></td> <td></td> <td>4</td> <td></td> <td></td> <td>42</td> </tr> </tbody> </table>							REVISIONS						SHEET NO.	NO.	BY	DATE	NO.	BY	DATE	S01-17	1			3			TOTAL SHEETS	2			4		
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