

DEAD LOAD DEFLECTION TABLE FOR GIRDERS											
SPAN A											
0.6" Ø LOW RELAXATION STRANDS	GIRDER AG1 & AG5										
TENTH POINTS BETWEEN BRGS.	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
CAMBER (GIRDER ALONE IN PLACE) (FT.) ↑	0.000	0.055	0.104	0.143	0.167	0.175	0.167	0.143	0.104	0.055	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.) ↓	0.000	0.034	0.067	0.093	0.110	0.115	0.110	0.093	0.067	0.034	0.000
FINAL CAMBER (IN.) ↑	0	1/4"	7/16"	5/8"	11/16"	11/16"	11/16"	5/8"	7/16"	1/4"	0

0.6" Ø LOW RELAXATION STRANDS	GIRDER AG2 THRU AG4										
TENTH POINTS BETWEEN BRGS.	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
CAMBER (GIRDER ALONE IN PLACE) (FT.) ↑	0.000	0.055	0.104	0.143	0.167	0.175	0.167	0.143	0.104	0.055	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.) ↓	0.000	0.037	0.073	0.101	0.119	0.125	0.119	0.101	0.073	0.037	0.000
FINAL CAMBER (IN.) ↑	0	3/16"	3/8"	1/2"	9/16"	5/8"	9/16"	1/2"	3/8"	3/16"	0

* INCLUDES WEIGHT OF DECK SLAB, BUILD-UPS, DIAPHRAGMS, BARRIERS, AND FUTURE WEARING SURFACE.

DEAD LOAD DEFLECTION TABLE FOR GIRDERS											
SPANS B THRU L											
0.6" Ø LOW RELAXATION STRANDS	GIRDER G1 & G5										
TENTH POINTS BETWEEN BRGS.	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
CAMBER (GIRDER ALONE IN PLACE) (FT.) ↑	0.000	0.055	0.105	0.143	0.168	0.176	0.168	0.143	0.105	0.055	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.) ↓	0.000	0.034	0.067	0.093	0.110	0.115	0.110	0.093	0.067	0.034	0.000
FINAL CAMBER (IN.) ↑	0	1/4"	7/16"	5/8"	11/16"	3/4"	11/16"	5/8"	7/16"	1/4"	0

0.6" Ø LOW RELAXATION STRANDS	GIRDER G2 THRU G4										
TENTH POINTS BETWEEN BRGS.	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
CAMBER (GIRDER ALONE IN PLACE) (FT.) ↑	0.000	0.055	0.105	0.143	0.168	0.176	0.168	0.143	0.105	0.055	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.) ↓	0.000	0.037	0.073	0.101	0.119	0.125	0.119	0.101	0.073	0.037	0.000
FINAL CAMBER (IN.) ↑	0	3/16"	3/8"	1/2"	9/16"	5/8"	9/16"	1/2"	3/8"	3/16"	0

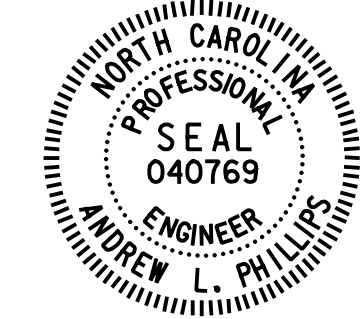

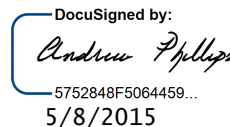
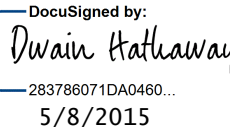
* INCLUDES WEIGHT OF DECK SLAB, BUILD-UPS, DIAPHRAGMS, BARRIERS, AND FUTURE WEARING SURFACE.

DEAD LOAD DEFLECTION TABLE FOR GIRDERS											
SPAN M											
0.6" Ø LOW RELAXATION STRANDS	GIRDER MG1 & MG5										
TENTH POINTS BETWEEN BRGS.	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
CAMBER (GIRDER ALONE IN PLACE) (FT.) ↑	0.000	0.055	0.104	0.143	0.167	0.175	0.167	0.143	0.104	0.055	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.) ↓	0.000	0.034	0.067	0.093	0.110	0.115	0.110	0.093	0.067	0.034	0.000
FINAL CAMBER (IN.) ↑	0	1/4"	7/16"	5/8"	11/16"	11/16"	11/16"	5/8"	7/16"	1/4"	0

0.6" Ø LOW RELAXATION STRANDS	GIRDER MG2 THRU MG4										
TENTH POINTS BETWEEN BRGS.	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
CAMBER (GIRDER ALONE IN PLACE) (FT.) ↑	0.000	0.055	0.104	0.143	0.167	0.175	0.167	0.143	0.104	0.055	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.) ↓	0.000	0.037	0.073	0.101	0.119	0.125	0.119	0.101	0.073	0.037	0.000
FINAL CAMBER (IN.) ↑	0	3/16"	3/8"	1/2"	9/16"	5/8"	9/16"	1/2"	3/8"	3/16"	0

* INCLUDES WEIGHT OF DECK SLAB, BUILD-UPS, DIAPHRAGMS, BARRIERS, AND FUTURE WEARING SURFACE.

PROJECT NO. R-2514D
JONES COUNTY
 STATION: 389+47.50 -L-

 		STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH SUPERSTRUCTURE GIRDER DEFLECTIONS AND CAMBER LEFT LANE			
DocuSigned by:  5/8/2015		DocuSigned by:  5/8/2015			
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
			SHEET NO. S07-22		TOTAL SHEETS 68

DRAWN BY : N. B. SPEAKS DATE : 8-7-13
 CHECKED BY : A. L. PHILLIPS DATE : 8-8-13

DWG. 22 OF 68



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 Cary, North Carolina 27518
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