

GIRDER LAYOUT AND INTERMEDIATE DIAPHRAGM LOCATIONS

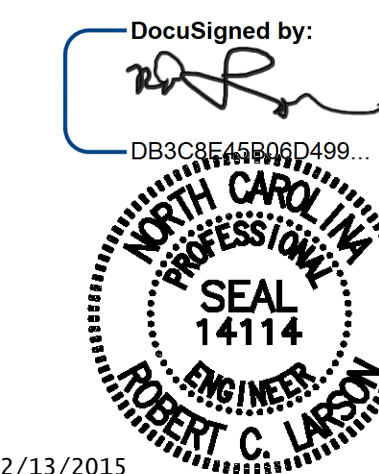
- NOTES:
 1. ALL BEARINGS ARE TYPE I ELASTOMERIC (SEE STD NO. PCG9)
 2. FOR INTERMEDIATE DIAPHRAGMS SEE STD NO. PCG11.

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																						
0.6" Ø LOW RELAXATION STRANDS	SPAN A																					
	GIRDERS 1 AND 5																					
	LOCATION	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)	↑	0.00	0.07	0.13	0.19	0.23	0.27	0.30	0.33	0.34	0.35	0.36	0.35	0.34	0.33	0.30	0.27	0.23	0.19	0.13	0.07	0.00
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.00	0.03	0.05	0.08	0.10	0.13	0.14	0.16	0.17	0.18	0.18	0.17	0.16	0.14	0.13	0.10	0.08	0.05	0.03	0.00	
FINAL CAMBER	↑	0"	1/2"	5/16"	1/4"	1/2"	3/4"	1 1/8"	2"	2 1/16"	2 1/8"	2 1/8"	2 1/16"	2"	1 7/8"	1 3/4"	1 1/2"	1 1/4"	1 5/16"	1/2"	0"	

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																						
0.6" Ø LOW RELAXATION STRANDS	SPAN A																					
	GIRDERS 2, 3 AND 4																					
	LOCATION	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)	↑	0.00	0.07	0.13	0.19	0.23	0.27	0.30	0.33	0.34	0.35	0.36	0.35	0.34	0.33	0.30	0.27	0.23	0.19	0.13	0.07	0.00
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.00	0.03	0.06	0.09	0.12	0.14	0.16	0.18	0.19	0.20	0.20	0.20	0.19	0.18	0.16	0.14	0.12	0.09	0.06	0.03	0.00
FINAL CAMBER	↑	0"	1/2"	7/8"	1 3/16"	1 3/8"	1 9/16"	1 11/16"	1 3/4"	1 13/16"	1 7/8"	1 7/8"	1 13/16"	1 3/4"	1 11/16"	1 9/16"	1 3/8"	1 3/16"	7/8"	1/2"	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. R-2514D
JONES COUNTY
 STATION: 320+39.56 -L-



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
**SUPERSTRUCTURE
 GIRDER LAYOUT**
 LEFT LANE

DocuSigned by:

 DB3CBF45B06D499

DESIGN ENGINEER OF RECORD: DATE : 2/13/2015

DRAWN BY : J. M. WEATHERBURNE DATE : 6/24/13
 CHECKED BY : R.C. LARSON DATE : 8/20/13

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	SOI-8	
1			3			TOTAL SHEETS	
2			4			SOI-24	

DWG. REF. NO. 8 OF 24

STR-#1