

**GIRDER LAYOUT AND INTERMEDIATE DIAPHRAGM LOCATIONS**

E1 INDICATES ELASTOMERIC BEARING TYPE

FOR INTERMEDIATE DIAPHRAGMS SEE STD. NO. PCC10

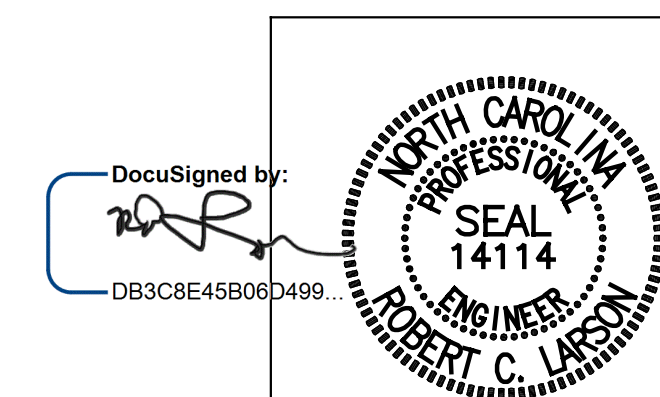
DEAD LOAD DEFLECTION TABLE FOR GIRDERS												
0.6" Ø LOW RELAXATION STRANDS	SPAN A											
	GIRDERS 1 AND 4											
	LOCATION	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
CAMBER (GIRDER ALONE IN PLACE)	↑	0.00	0.09	0.15	0.20	0.22	0.22	0.22	0.20	0.15	0.09	0.00
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.00	0.04	0.07	0.10	0.11	0.11	0.11	0.10	0.07	0.04	0.00
FINAL CAMBER	↑	0"	5/8"	1"	1 3/16"	1 5/16"	1 5/16"	1 5/16"	1 3/16"	1"	5/8"	0"

0.6" Ø LOW RELAXATION STRANDS	SPAN A											
	GIRDERS 2 AND 3											
	LOCATION	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)	↑	0.00	0.09	0.15	0.20	0.22	0.22	0.22	0.20	0.15	0.09	0.00
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.00	0.04	0.08	0.11	0.13	0.13	0.13	0.11	0.08	0.04	0.00
FINAL CAMBER	↑	0"	9/16"	7/8"	1"	1 1/16"	1 1/16"	1 1/16"	1"	7/8"	9/16"	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. R-2514D  
JONES COUNTY  
STATION: 363+38.90 -L-



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
**SUPERSTRUCTURE  
GIRDER LAYOUT**  
LEFT LANE STR-#3

DESIGN ENGINEER OF RECORD: R.C. LARSON DATE: 4/10/2015  
DRAWN BY: R.J. FLORY DATE: 7/23/13  
CHECKED BY: R.C. LARSON DATE: 12/13/13

KCI Associates of North Carolina, P.A.		REVISIONS				SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S03-8
1			3			TOTAL SHEETS
2			4			S03-23

DWG. REF. NO. 8 OF 23