



### GIRDER LAYOUT AND INTERMEDIATE DIAPHRAGM LOCATIONS (SPANS A AND E)

(SPAN A SHOWN, SPAN E SIMILAR EXCEPT USE (P2) @ END BENT 2 AND (P4) @ BENT 4)

#### NOTES

- ELASTIC BEARINGS INDICATED THUS:  
EN (N = NUMBER)
- SOLE PLATES INDICATED THUS:  
PN (N = NUMBER)
- FOR INTERMEDIATE DIAPHRAGMS SEE STD PCG10.

DEAD LOAD DEFLECTION TABLE FOR GIRDERS											
0.6" Ø LOW RELAXATION STRANDS	SPANS A THRU E										
	GIRDERS 1 THRU 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	0.16	0.21	0.23	0.24	0.23	0.21	0.16	0.09	0.00
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.00	0.05	0.09	0.13	0.15	0.16	0.15	0.13	0.09	0.05	0.00
FINAL CAMBER ↑	0"	9/16"	13/16"	15/16"	15/16"	15/16"	15/16"	15/16"	13/16"	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: 373+02.50 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

## SUPERSTRUCTURE GIRDER LAYOUT

RIGHT LANE STR-#6



DocuSigned by:  
 DB3C8E45B06D499...  
 4/13/2015

REVISIONS				SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

TOTAL SHEETS: 506-34

DESIGN ENGINEER OF RECORD: Z. SU DATE: 02/14/14  
 CHECKED BY: R. C. LARSON DATE: 03/16/14

KCI Associates  
 of North Carolina, P.A.  
 DWG. REF. NO. 10 OF 34