

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:
 (N = NUMBER)
- SOLE PLATES INDICATED THUS:
 (N = NUMBER)
- FOR INTERMEDIATE DIAPHRAGMS SEE STD PCC10.

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"	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).

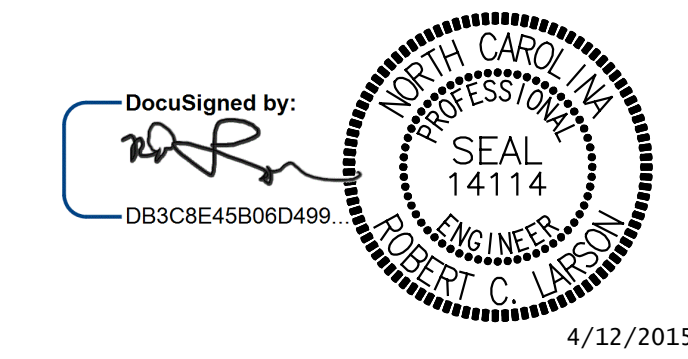
PROJECT NO. R-2514D
JONES COUNTY
 STATION: 373+02.50 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE GIRDER LAYOUT

LEFT LANE STR-#5



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

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S05-10	
1			3			TOTAL SHEETS	
2			4			S05-34	

DESIGN ENGINEER OF RECORD: Z. SU DATE: 4/12/2015
 DRAWN BY: Z. SU DATE: 11/19/13
 CHECKED BY: R. C. LARSON DATE: 01/15/14