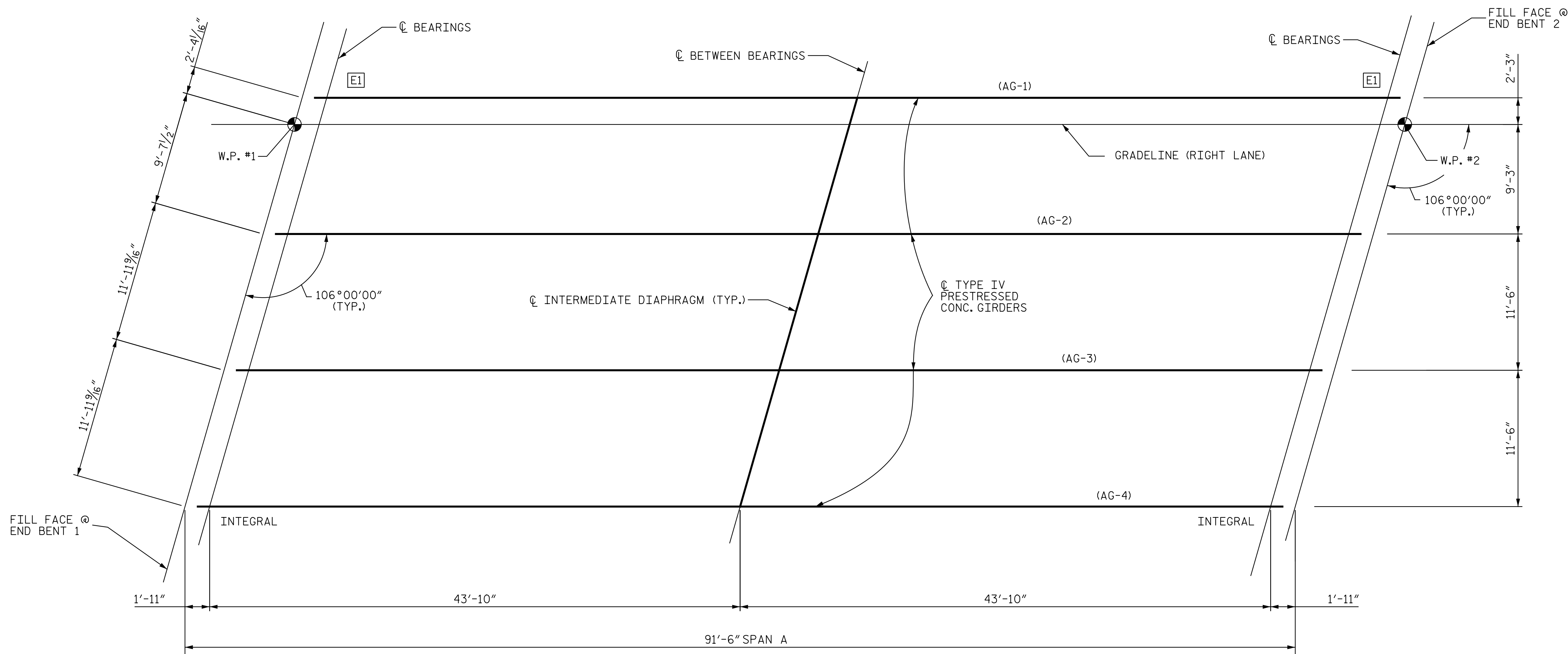




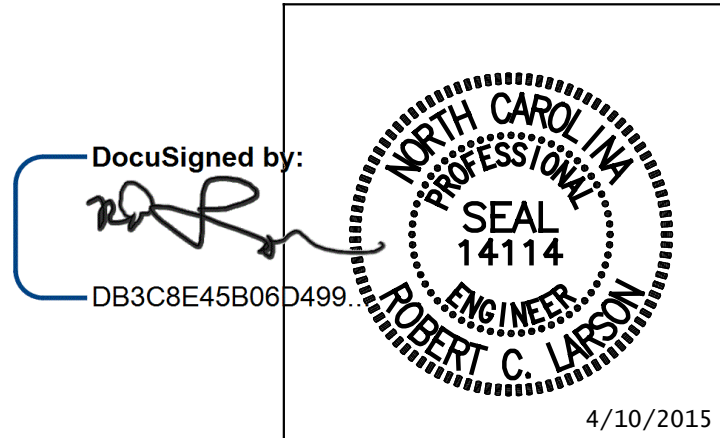
GIRDER LAYOUT AND INTERMEDIATE DIAPHRAGM LOCATIONS

E1 INDICATES ELASTOMERIC BEARING TYPE
FOR INTERMEDIATE DIAPHRAGMS SEE STD PCG10.

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"	1⅜"	1⅝"	1⅝"	1⅝"	1⅜"	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"	1⅛"	1⅛"	1⅛"	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					
RIGHT LANE			STR-#4		
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
SHEET NO. S04-8			TOTAL SHEETS S04-23		

DESIGN ENGINEER OF RECORD:	DATE :
	4/10/2015
DRAWN BY : E. C. DECOLA	DATE : 02/13/14
CHECKED BY : R. C. LARSON	DATE : 02/18/14

KCI Associates of North Carolina, P.A.	
SUITE 220, LANDMARK CENTER II 460 SIX FORKS RD. RALEIGH, N.C. 27609-5220 (919) 783-9241	
DWG. REF. NO. 8 OF 23	