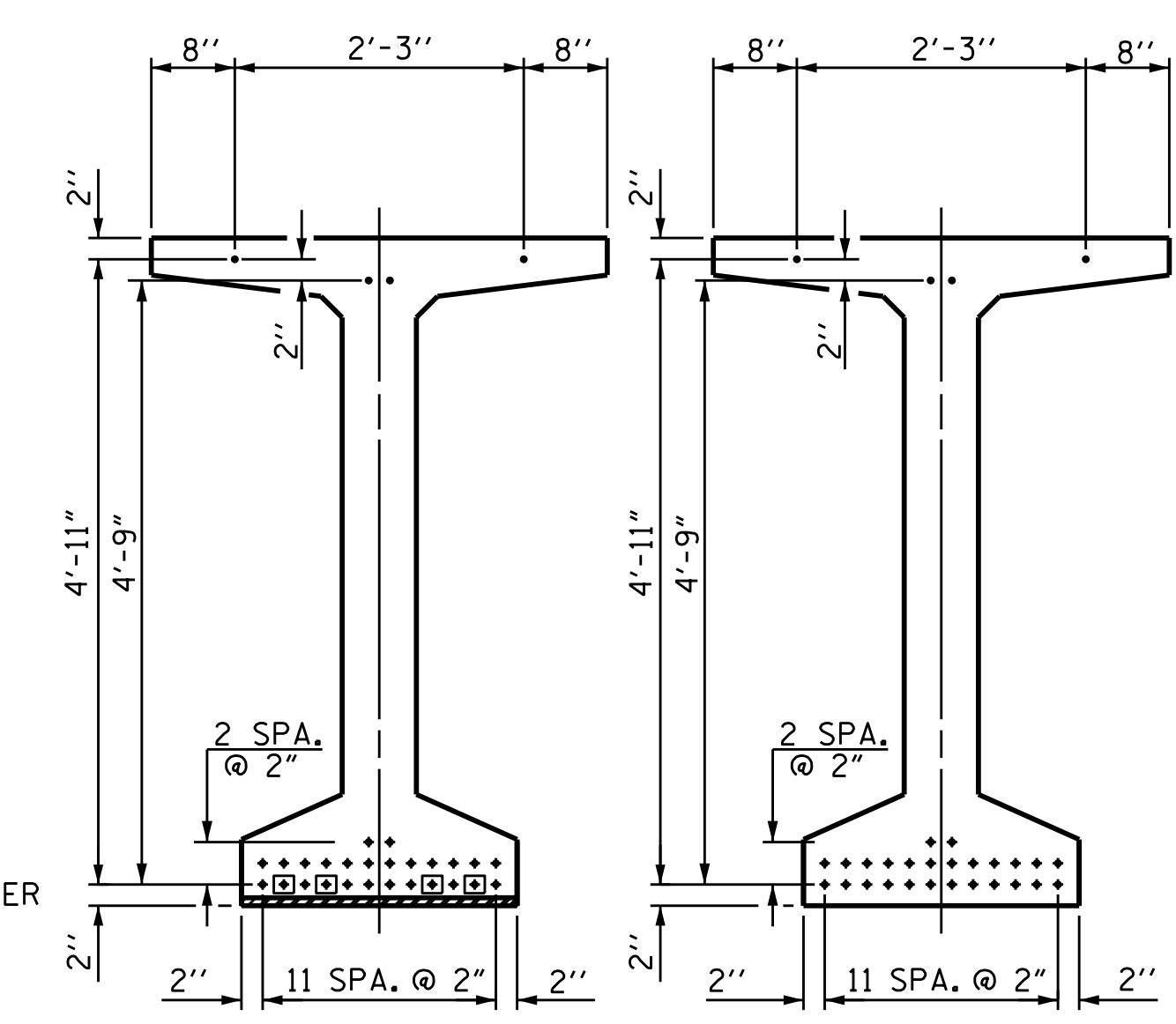


1/2" Ø FORMED HOLE. SEE ELEVATION FOR LOCATION.

- DEBONDING LEGEND**
- FULLY BONDED STRANDS
 - STRANDS DEBONDED FOR 4'-0" FROM END OF GIRDER

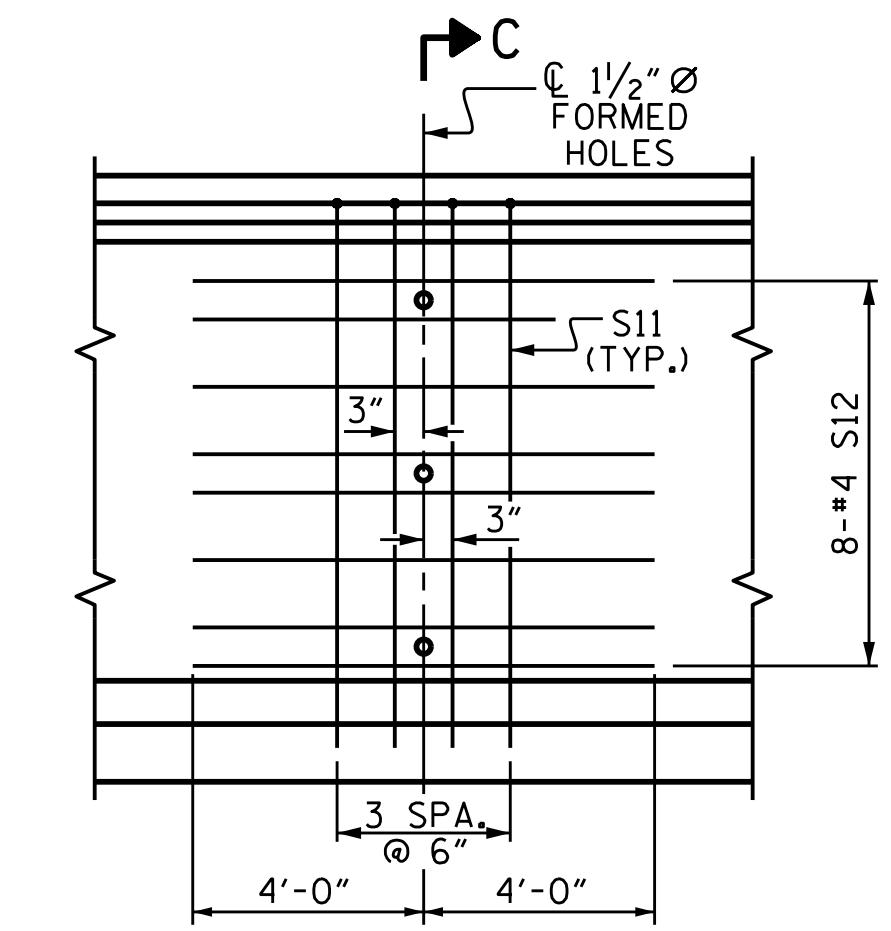
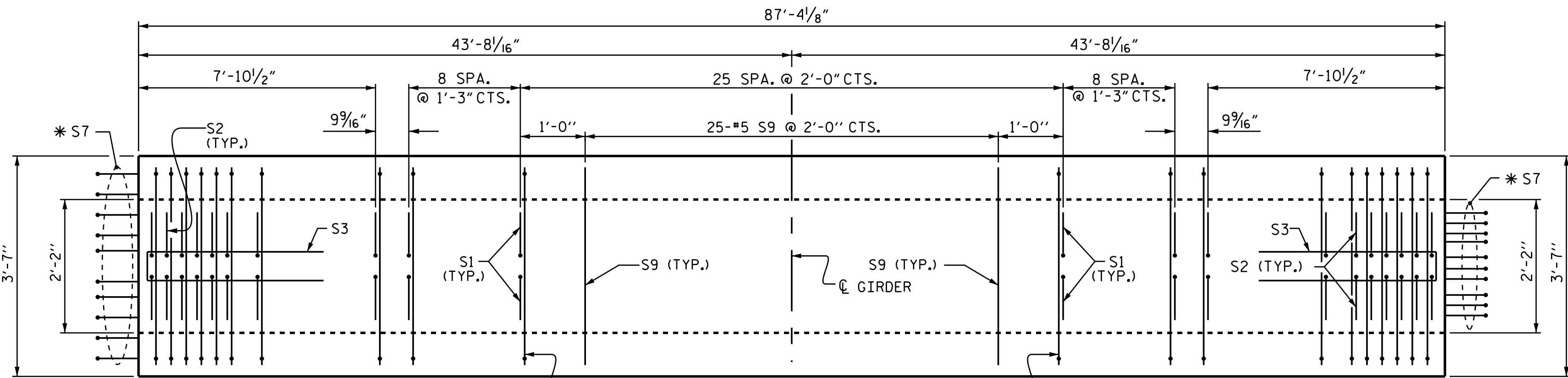
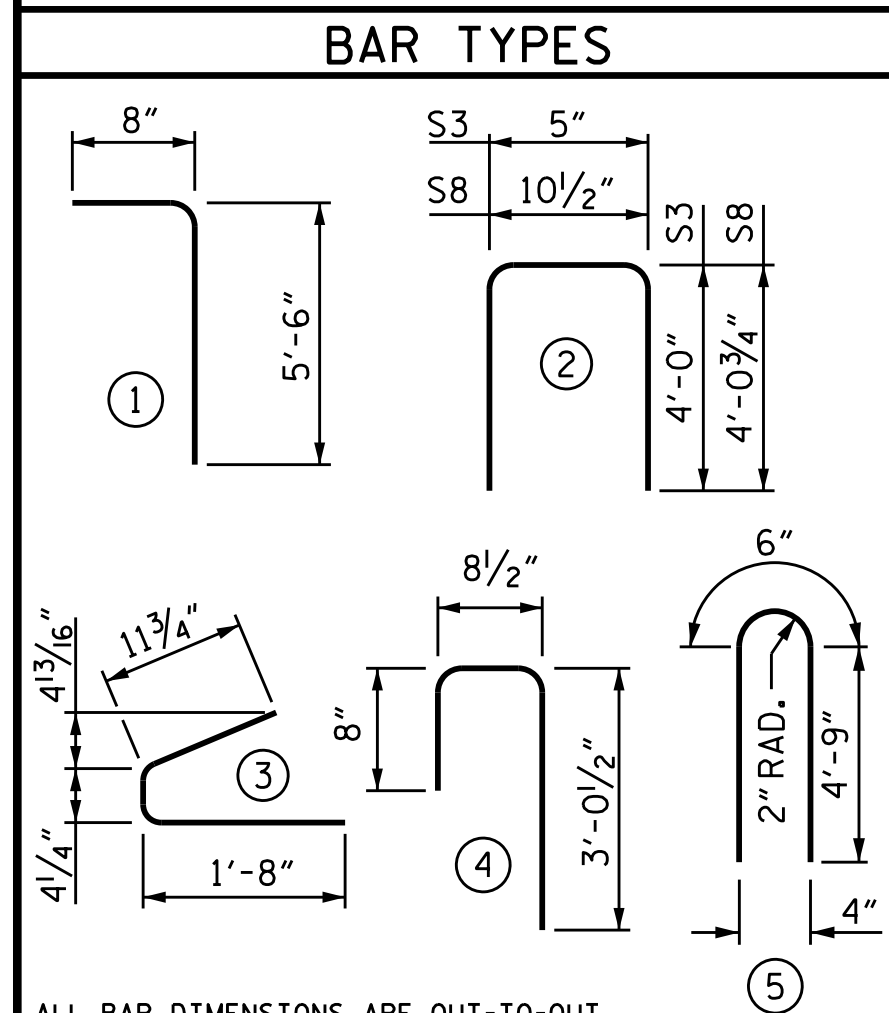


AT END OF GIRDER AT CL OF GIRDER
0.6" Ø LOW RELAXATION STRAND LAYOUT
(30 STRAIGHT STRANDS)

0.6" Ø L. R. GRADE 270 STRANDS		
AREA (SQUARE INCHES)	ULTIMATE STRENGTH (LBS. PER STRAND)	APPLIED PRESTRESS (LBS. PER STRAND)
0.217	58,600	43,950

REINFORCING STEEL FOR ONE GIRDER					
BAR NUMBER	SIZE	TYPE	LENGTH	WEIGHT	
S1	132	#4	1	6'-2"	544
S2	24	#5	1	6'-2"	154
S3	12	#4	2	8'-5"	67
S4	76	#4	3	3'-0"	152
S6	156	#5	4	4'-5"	719
*S7	30	#5	STR	3'-8"	115
S8	2	#5	2	9'-0"	19
S9	25	#5	STR	3'-3"	85
S10	2	#3	STR	1'-10"	1
S11	4	#5	5	10'-0"	42
S12	8	#4	STR	8'-0"	43

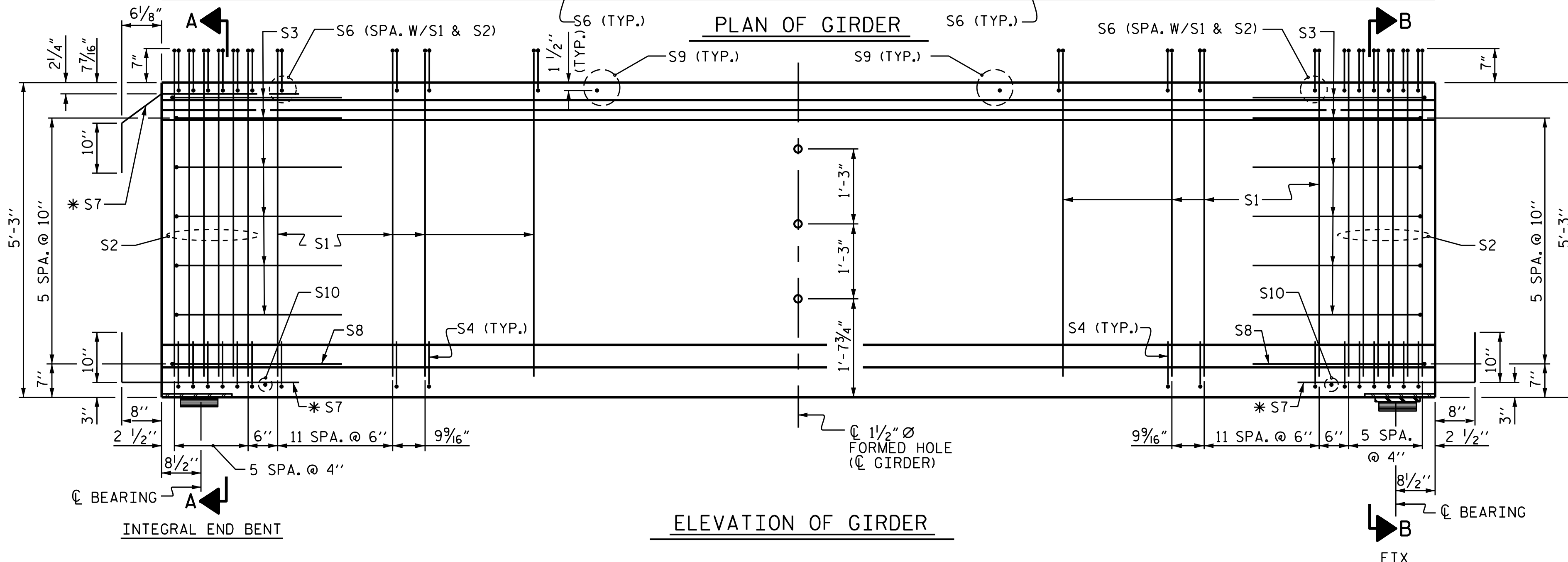
* NOTE: S7 BARS SHALL BE BENT BEFORE SHIPMENT. HEAT BENDING SHALL NOT BE ALLOWED.



PARTIAL ELEVATION
SHOWING INTERMEDIATE STEEL DIAPHRAGM REINFORCING STEEL FOR GIRDER Nos. 1 THRU 3.

GIRDER	REINFORCING STEEL	8,000 PSI CONCRETE	0.6" Ø L.R. STRANDS
	LB.	C.Y.	No.
GIRDER	1941	17.3	30

GIRDERS REQUIRED		
NUMBER	LENGTH	TOTAL LENGTH
3	87'-4 1/8"	262'-0 3/8"

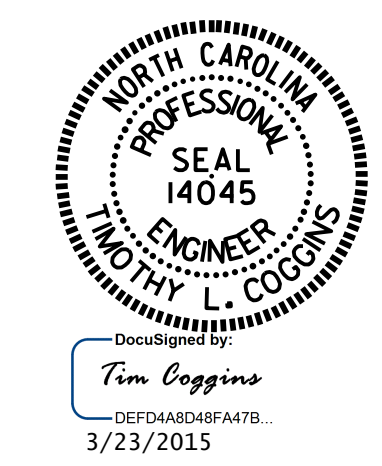


PROJECT NO. R-2514D
JONES & CRAVEN COUNTY
STATION: 28+29.35 -Y10-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD
63" PRESTRESSED CONCRETE
MODIFIED BULB TEE
CONTINUOUS FOR LIVE LOAD
SPAN A
(RIGHT LANE)



ASSEMBLED BY : M.D.PISO	DATE : 09-10-14
CHECKED BY : K.P.SEDAI	DATE : 09-10-14
DESIGN ENGINEER OF RECORD : R.KOUCHEKI	DATE : 02/2015
DRAWN BY : EEM 2/6/97	REV. 5/1/08R TLA/GM
CHECKED BY : VAP 2/6/97	REV. 10/1/11 MAA/GM
	REV. 6/13 MAA/GM

REVISIONS						SHEET NO. S16-012
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 30
2			4			