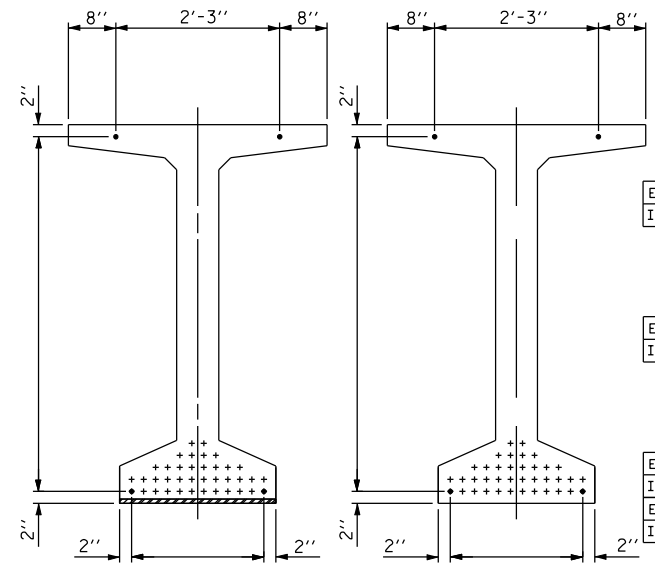


1/2" Ø FORMED HOLE. SEE ELEVATION FOR LOCATION. FOR DIM. "A", "B" & "C" SEE "INTERMEDIATE STEEL DIAPHRAGMS" SHEET.)

- DEBONDING LEGEND**
- FULLY BONDED STRANDS
 - STRANDS DEBONDED FOR 4'-0" FROM END OF GIRDER
 - ▲ STRANDS DEBONDED FOR 6'-0" FROM END OF GIRDER
 - ⊙ STRANDS DEBONDED FOR 8'-0" FROM END OF GIRDER
 - ◆ STRANDS DEBONDED FOR 10'-0" FROM END OF GIRDER
 - ⊕ STRANDS DEBONDED FOR 12'-0" FROM END OF GIRDER

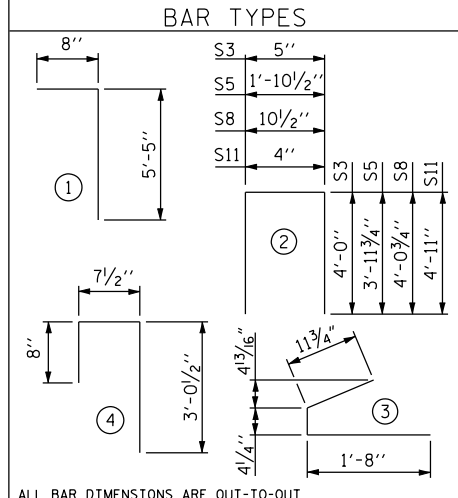


AT END OF GIRDER AT CL OF GIRDER
0.6" Ø LOW RELAXATION STRAND LAYOUT

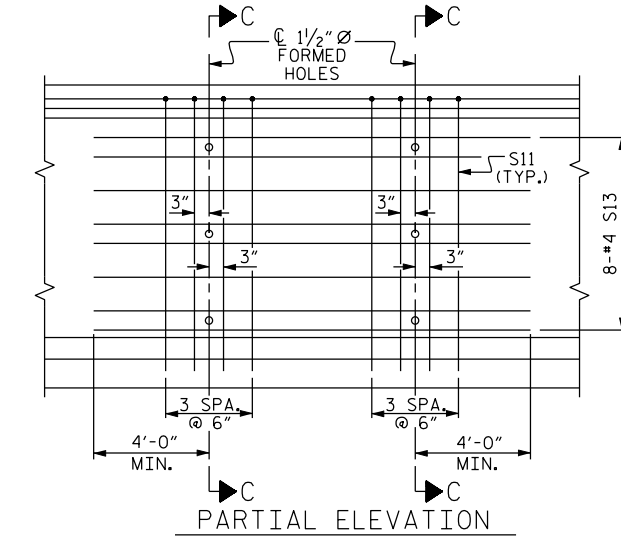
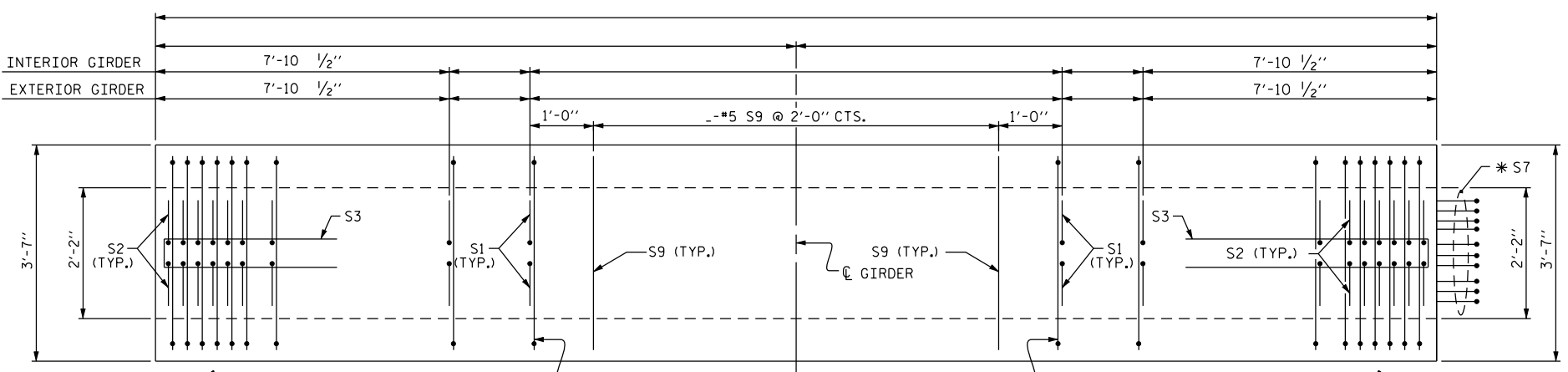
0.6" Ø L. R. GRADE 270 STRANDS		
AREA (SQUARE INCHES)	ULTIMATE STRENGTH (LBS. PER STRAND)	APPLIED PRESTRESS (LBS. PER STRAND)
0.217	58,600	43,950

REINFORCING STEEL FOR ONE GDR					
BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
EXTERIOR GDR. S1		#4	1	6'-1"	
INTERIOR GDR. S1		#4	1	6'-1"	
S2	24	#5	1	6'-1"	152
S3	12	#4	2	8'-5"	67
S4	72	#4	3	3'-0"	144
S5	1	#5	2	9'-10"	10
EXTERIOR GDR. S6		#5	4	4'-4"	
INTERIOR GDR. S6		#5	4	4'-4"	
*S7	10	#5	STR	3'-8"	38
S8	2	#5	2	9'-0"	19
S9		#5	STR	3'-3"	
S10	1	#3	STR	1'-10"	1
EXTERIOR GDR. S11		#5	2	10'-2"	
INTERIOR GDR. S11		#5	2	10'-2"	
EXTERIOR GDR. S12		#4	STR	8'-0"	
INTERIOR GDR. S		#4	STR		

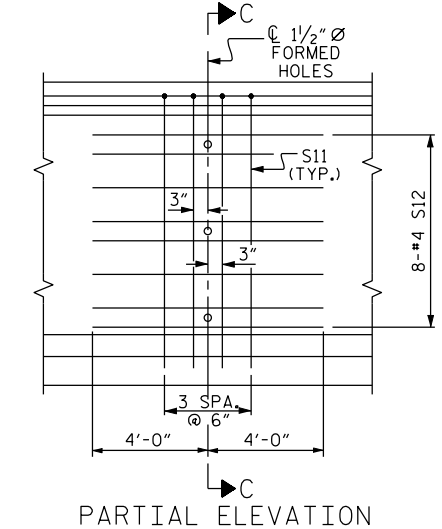
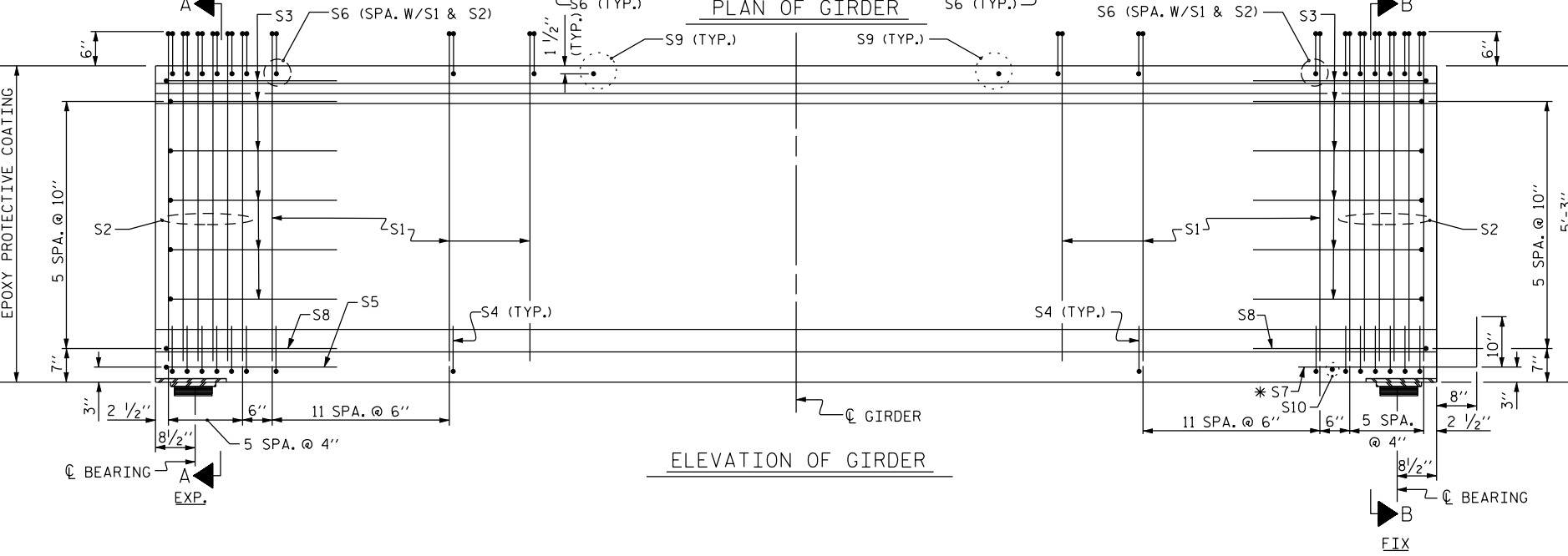
* NOTE: S7 BARS SHALL BE BENT BEFORE SHIPMENT. HEAT BENDING SHALL NOT BE ALLOWED.



ALL BAR DIMENSIONS ARE OUT-TO-OUT



SHOWING INTERMEDIATE STEEL DIAPHRAGM REINFORCING STEEL FOR GIRDER Nos. ----- (FOR INTERIOR GDRS. WITH SKEW < 70° OR SKEW > 110°)



SHOWING INTERMEDIATE STEEL DIAPHRAGM REINFORCING STEEL FOR GIRDER Nos. ----- (FOR ALL EXTERIOR GIRDRS AND INTERIOR GIRDRS WITH 70° ≤ SKEW ≤ 110°)

QUANTITIES FOR ONE GIRDER			
REINFORCING STEEL	PSI CONCRETE	0.6" Ø L.R. STRANDS	
		LB.	C.Y.
EXTERIOR GIRDER			
INTERIOR GIRDER			

GIRDERS REQUIRED		
NUMBER	LENGTH	TOTAL LENGTH

PROJECT NO. _____ COUNTY _____
STATION: _____
SHEET _ OF _

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD
63" PRESTRESSED CONCRETE
MODIFIED BULB TEE
CONTINUOUS FOR LIVE LOAD

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

SHEET NO. _____ TOTAL SHEETS _____

ASSEMBLED BY :	DATE :
CHECKED BY :	DATE :
DRAWN BY : EEM 2/6/97	REV. 8/16/99 RWW/LES
CHECKED BY : VAP 2/6/97	REV. 10/17/00 RWW/LES
	REV. 5/1/06R TLA/GM