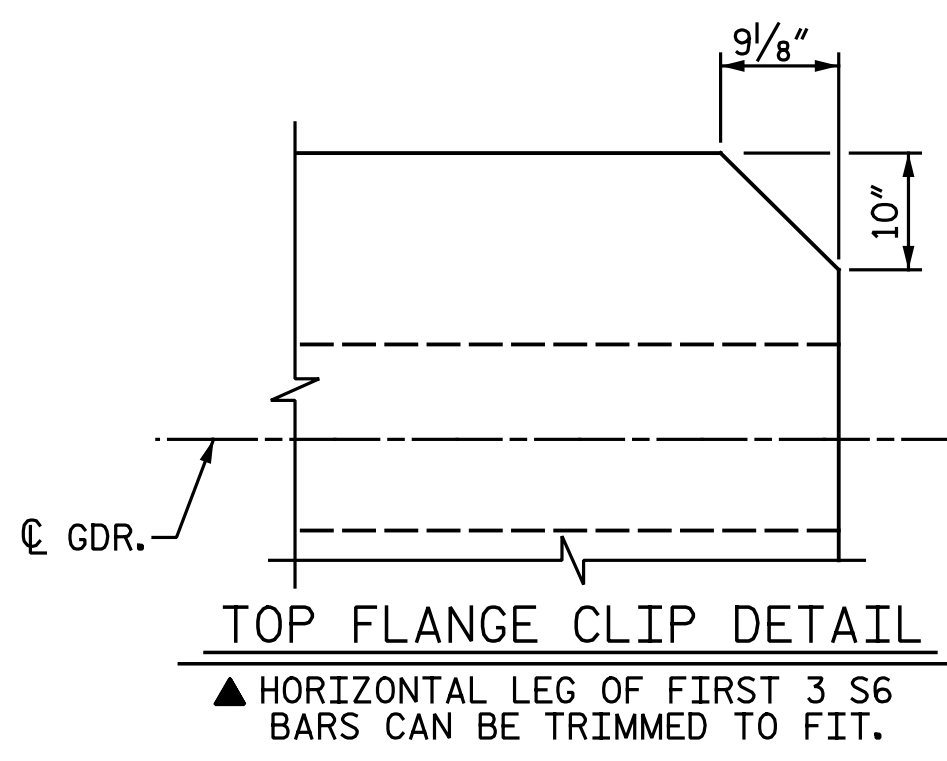
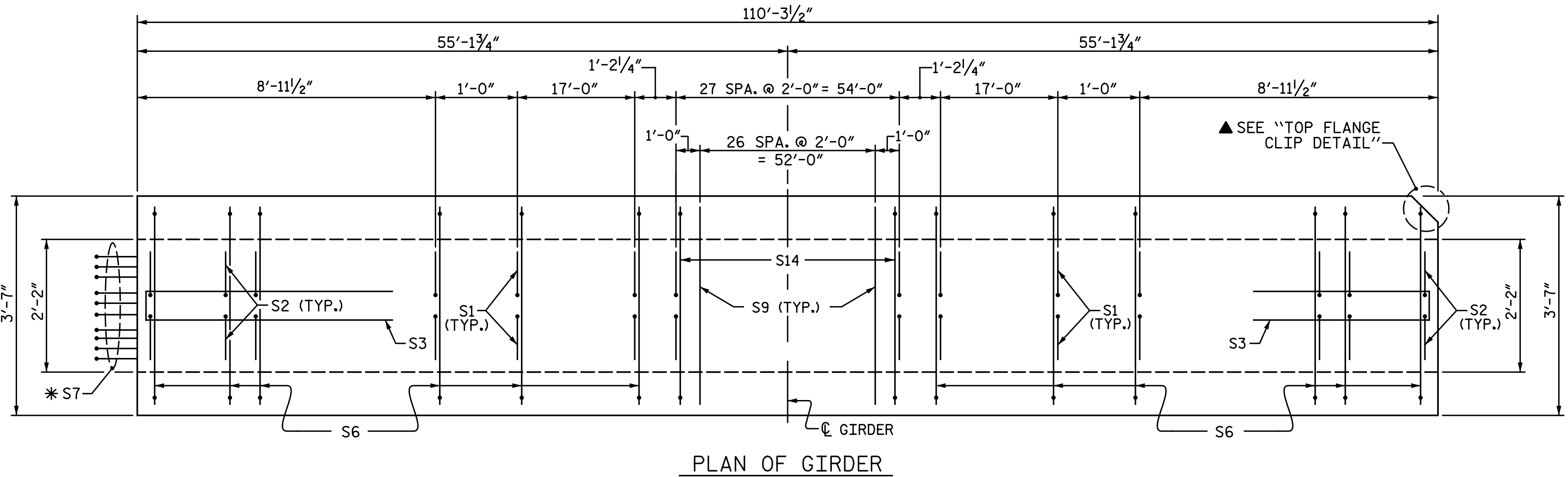
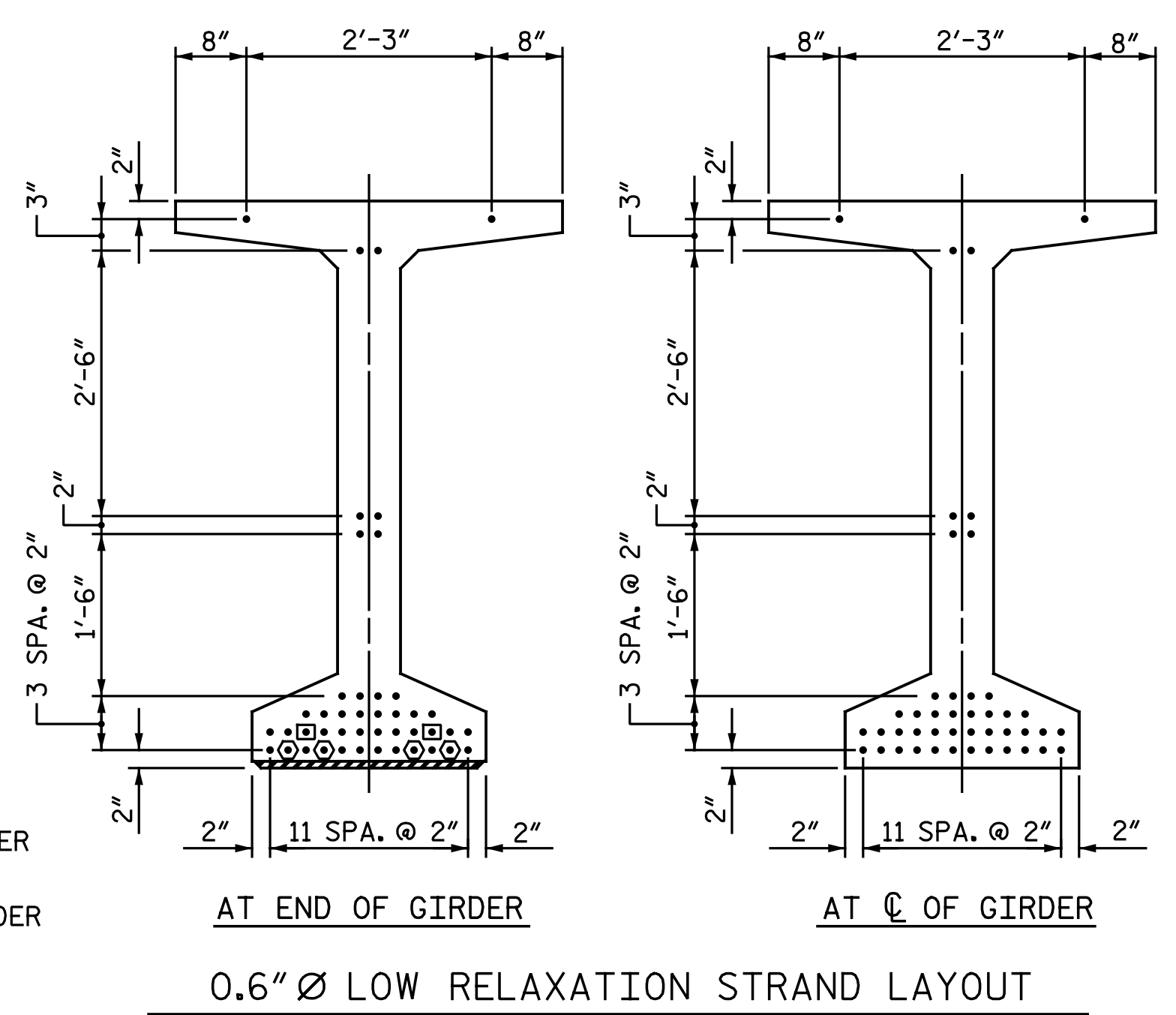


- DEBONDING LEGEND**
- FULLY BONDED STRANDS
 - ◻ STRANDS DEBONDED FOR 4'-0" FROM END OF GIRDER
 - ◻ STRANDS DEBONDED FOR 12'-0" FROM END OF GIRDER
- * FOR S7 BARS, SEE DETAIL "C" OF PRESTRESSED CONCRETE GIRDER CONTINUOUS FOR LIVE LOAD DETAILS SHEET



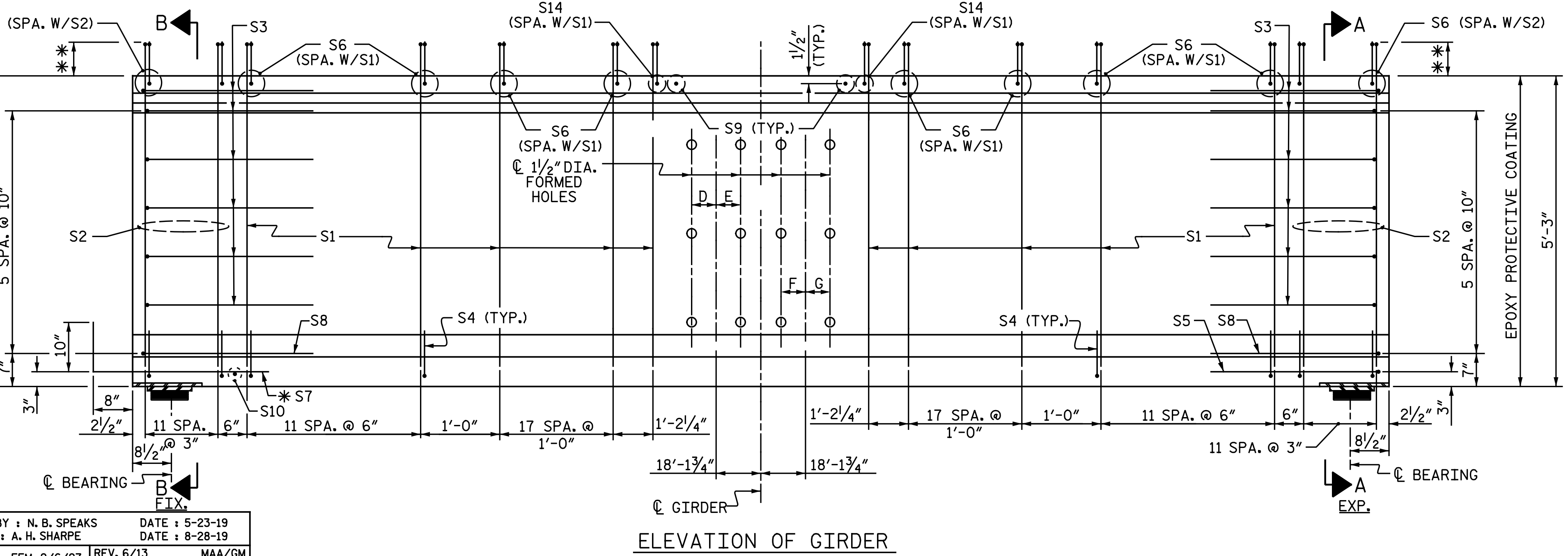
FORMED HOLE LOCATIONS

GIRDER	"D"	"E"	"F"	"G"
1	N/A	4'-3 3/8"	N/A	4'-3 3/8"
2, 3 & 4	4'-3 3/8"	4'-3 3/8"	4'-3 3/8"	4'-3 3/8"
5	4'-3 3/8"	N/A	4'-3 3/8"	N/A

**** BAR PROJECTION**

BAR	GIRDER	PROJECTION
S6	1-5	6 1/2"
S14	1-5	7 1/2"

NOTE:
FOR "PARTIAL ELEVATION" SEE PRESTRESSED CONCRETE GIRDER CONTINUOUS FOR LIVE LOAD DETAILS SHEET.



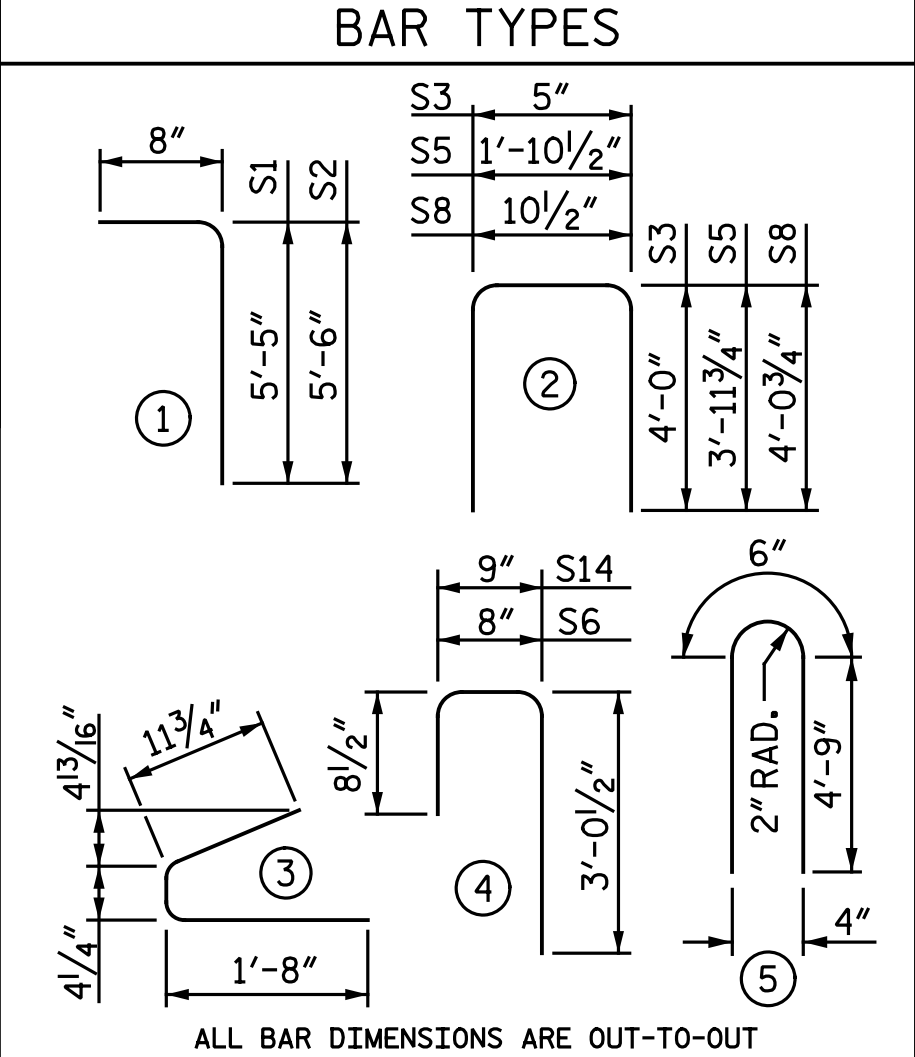
0.6" Ø L. R. GRADE 270 STRANDS

AREA (SQ. 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	
S1	176	#4	1	6' - 1"	715	
S2	48	#5	1	6' - 2"	309	
S3	12	#4	2	8' - 5"	67	
S4	96	#4	3	3' - 0"	192	
S5	1	#5	2	9' - 10"	10	
S6	168	#5	4	4' - 5"	774	
*S7	10	#5	STR.	3' - 8"	38	
S8	2	#5	2	9' - 0"	19	
S9	27	#5	STR.	3' - 3"	92	
S10	1	#3	STR.	1' - 10"	1	
S11	8	#5	5	10' - 0"	83	
GIRDER 2, 3 & 4	S11	16	#5	5	10' - 0"	167
GIRDER 1 & 5	S12	16	#4	STR.	8' - 0"	86
GIRDER 2, 3 & 4	S13	16	#4	STR.	16' - 7"	177
S14	56	#5	4	4' - 6"	263	

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



QUANTITIES FOR ONE GIRDER

	REINFORCING STEEL		9,000 PSI CONCRETE	0.6" Ø L.R. STRANDS
	LB.	C.Y.		No.
GIRDER 1 & 5	2,649	21.8		44
GIRDER 2, 3 & 4	2,824	21.8		44

GIRDERS REQUIRED

NUMBER	LENGTH	TOTAL LENGTH
5	110.29'	551.46'

PROJECT NO. I-5878
HARNETT COUNTY
 STATION: 26+05.28 -Y14-



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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

ASSEMBLED BY: N. B. SPEAKS DATE: 5-23-19
 CHECKED BY: A. H. SHARPE DATE: 8-28-19
 DRAWN BY: EEM 2/6/97 REV. 6/13 MAA/GM
 CHECKED BY: VAP 2/6/97 REV. 1/15 MAA/TMG
 REV. 12/17 MAA/THC

REVISIONS

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

SHEET NO. SI-12
 TOTAL SHEETS 35