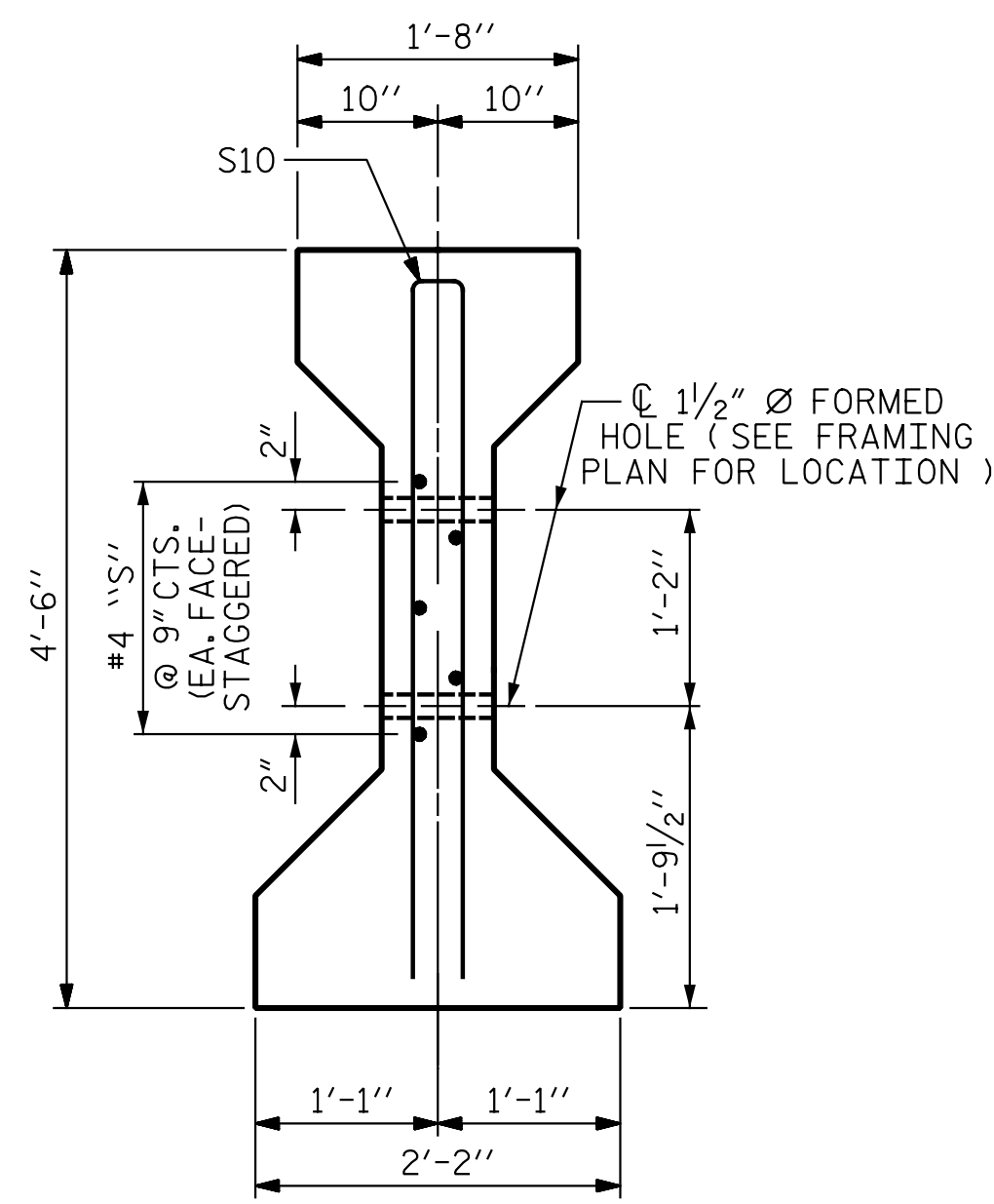
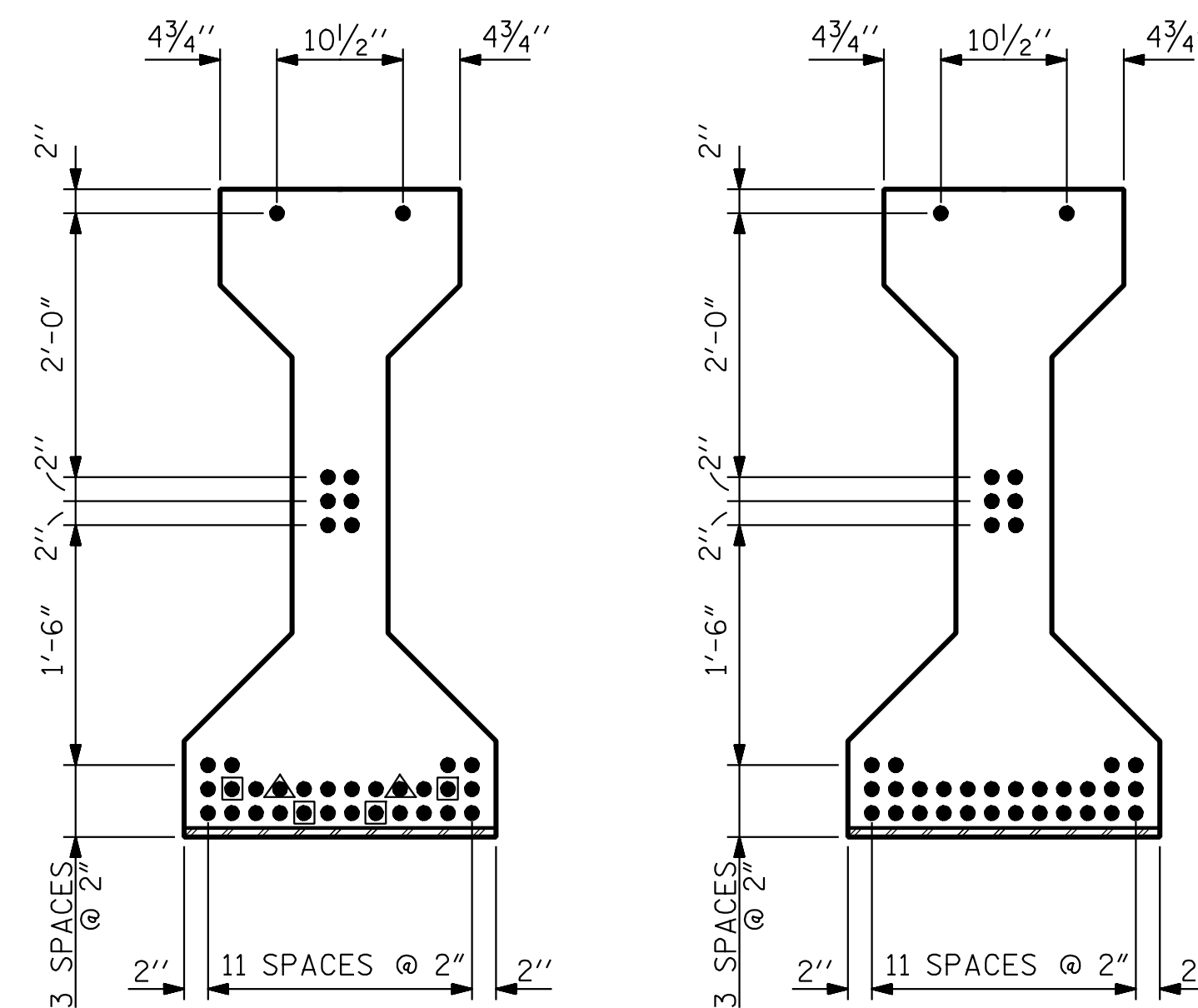


SECTION A-A

* FOR S7 BARS, SEE
DETAIL "A" OF
PRESTRESSED
CONCRETE GIRDER
CONTINUOUS FOR LIVE
LOAD DETAILS SHEET



SECTION C-C
(S1 BARS NOT SHOWN)



AT END OF GIRDER

AT C OF GIRDER

0.6" Ø LOW RELAXATION STRAND LAYOUT

DEBONDING LEGEND

- FULLY BONDED STRAND
- STRANDS DEBONDED FOR 4'-0" FROM END OF GIRDER
- ▲ STRANDS DEBONDED FOR 6'-0" FROM END OF GIRDER

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

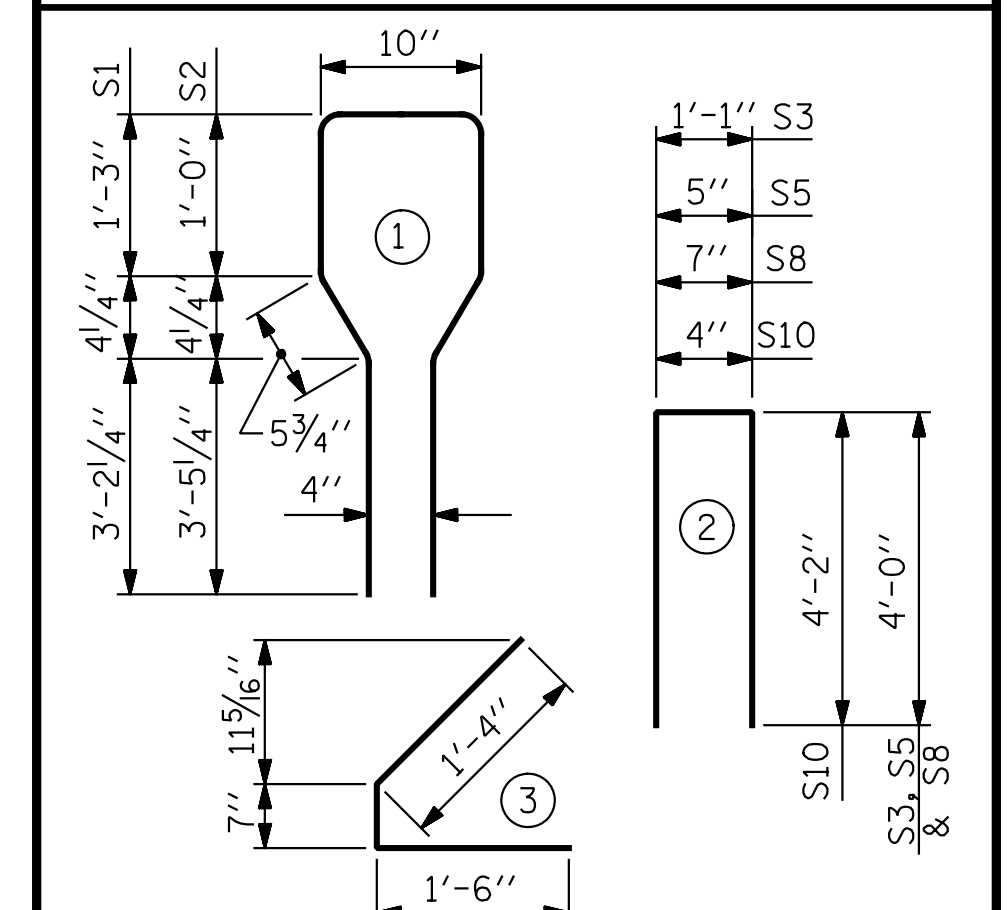
REINFORCING STEEL FOR ONE GIRDER

BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
S1	87	#4	1	10'-8"	620
S2	16	#6	1	10'-8"	256
S3	4	#4	2	9'-1"	24
S4	108	#4	3	3'-5"	246
S5	6	#4	2	8'-5"	34
*S7	24	#5	STR	3'-8"	92
S8	4	#4	2	8'-7"	23
S9	2	#3	STR	1'-10"	1
S10	2	#5	2	8'-8"	18
S11	5	#4	STR	7'-0"	23
S12	2	#3	STR	1'-4"	1
REINFORCING STEEL					1338

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

BAR TYPES

ALL BAR DIMENSIONS ARE OUT-TO-OUT

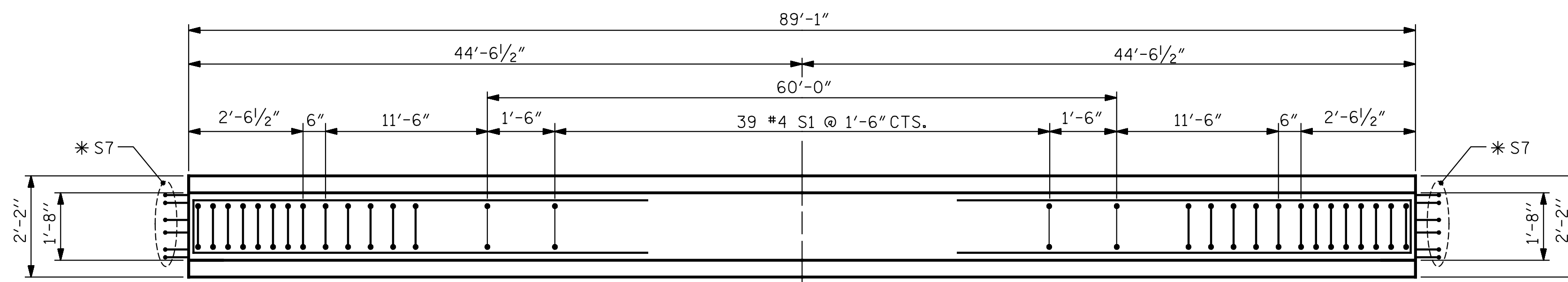


QUANTITIES FOR ONE GIRDER

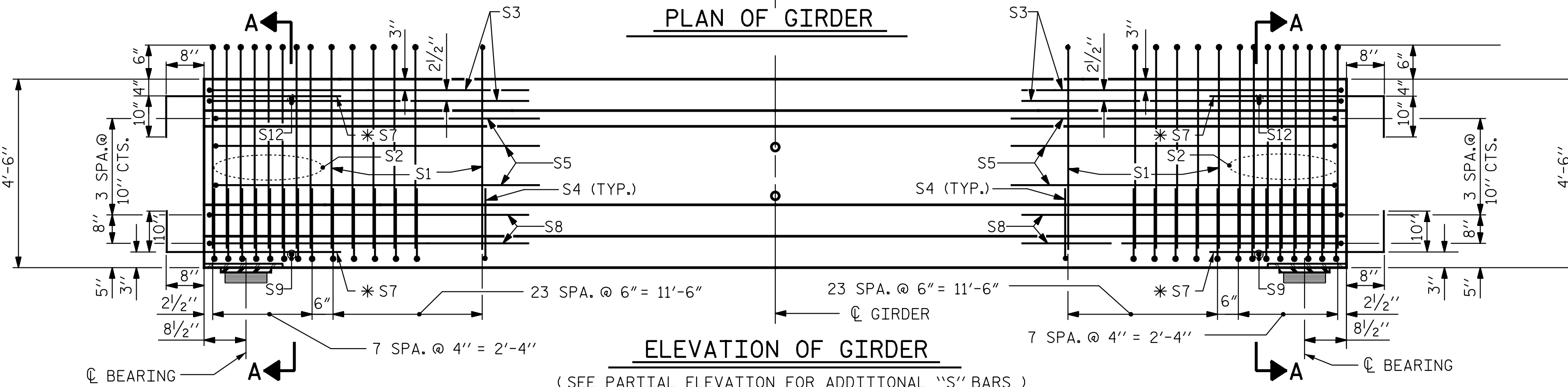
REINFORCING STEEL	8000 PSI CONCRETE	0.6" Ø L. R. STRANDS
LB.	C.Y.	No.
1338	18.1	36

GIRDERS REQUIRED

NUMBER	LENGTH	TOTAL LENGTH
4	89'-1"	356'-4"

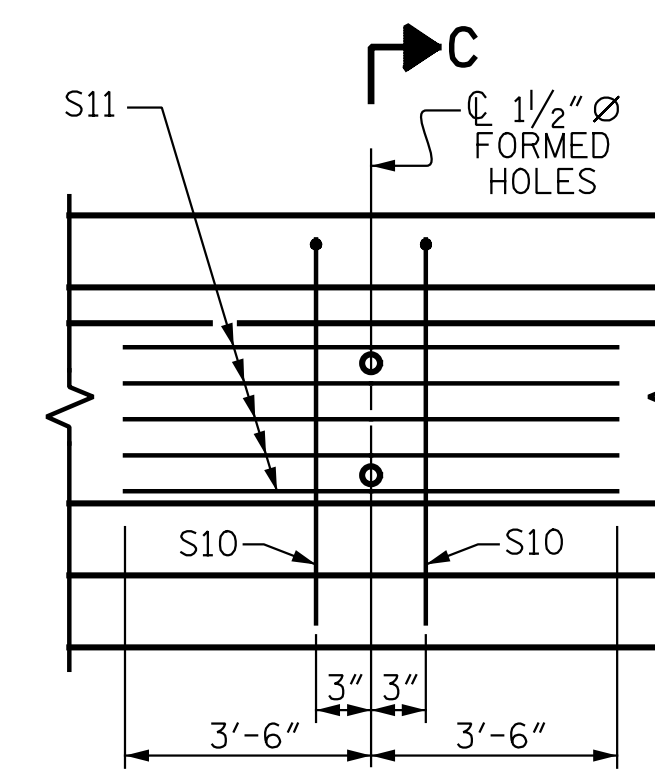


PLAN OF GIRDER



ELEVATION OF GIRDER

(SEE PARTIAL ELEVATION FOR ADDITIONAL "S" BARS)



PARTIAL ELEVATION

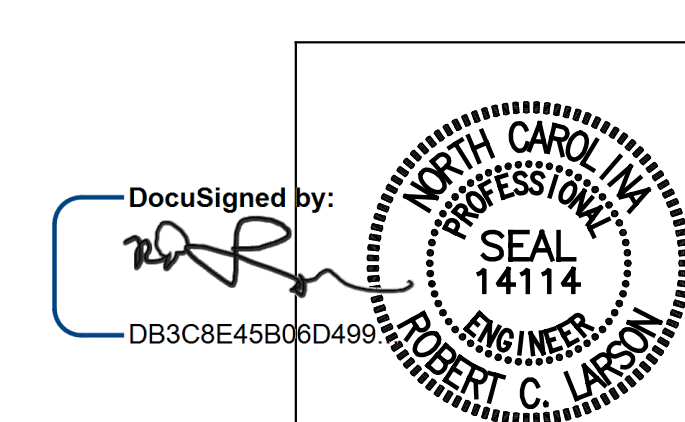
SHOWING INTERMEDIATE DIAPHRAGM REINFORCING STEEL FOR GIRDER Nos. 1-4

PROJECT NO. R-2514D
JONES COUNTY
 STATION: 363+38.90 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 STANDARD
 AASHTO TYPE IV
 PRESTRESSED CONCRETE GIRDER

STD. NO. PCG3 LEFT LANE STR-#3



DocuSigned by:
 DB3C8E45B06D499

4/10/2015

ENGINEERS • PLANNERS • ECOLOGISTS LICENSE NUMBER: C-0741
KCI Associates
 of North Carolina, P.A.
 SUITE 220, LANDMARK CENTER # 402 SIX FORKS RD, RALEIGH, N.C. 27609-5200 (919) 783-9244
 DWG. REF. NO. 9 OF 23

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

DESIGN ENGINEER OF RECORD:	DATE :	4/10/2015
ASSEMBLED BY : R.A. PRUETT	DATE :	10/25/13
CHECKED BY : R.C. LARSON	DATE :	12/13/13
DRAWN BY : JMB 12/87	REV. 8/16/99RR	RWW/LES
CHECKED BY : ARB 12/87	REV. 5/1/06R	TLA/GM
	REV. 10/1/11	MAA/GM