

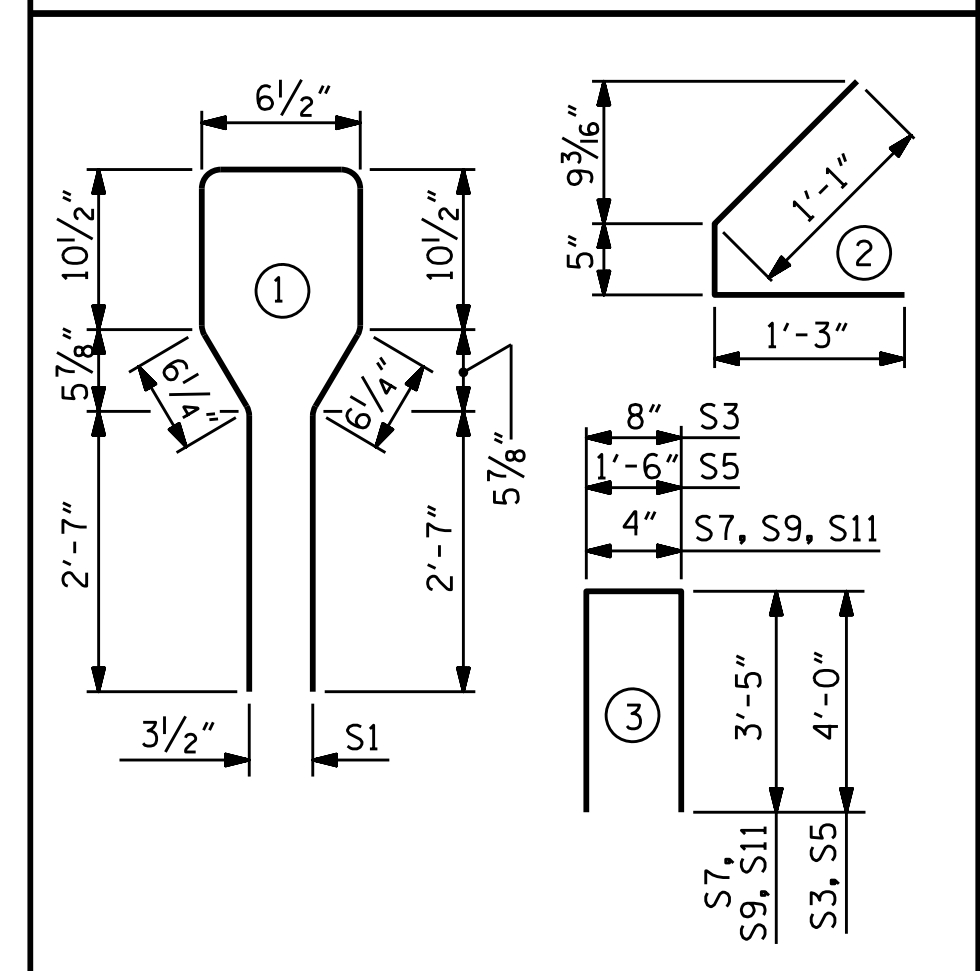
0.6" Ø L. R. GRADE 270 STRANDS

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	76	#4	1	8'-6"	432
S3	4	#4	3	8'-8"	23
S4	56	#4	2	2'-9"	103
S5	2	#4	3	9'-6"	13
S7	2	#5	3	7'-2"	15
S8	5	#4	STR	7'-0"	23
S9	12	#6	3	7'-2"	129
S11	4	#4	3	7'-2"	19

BAR TYPES



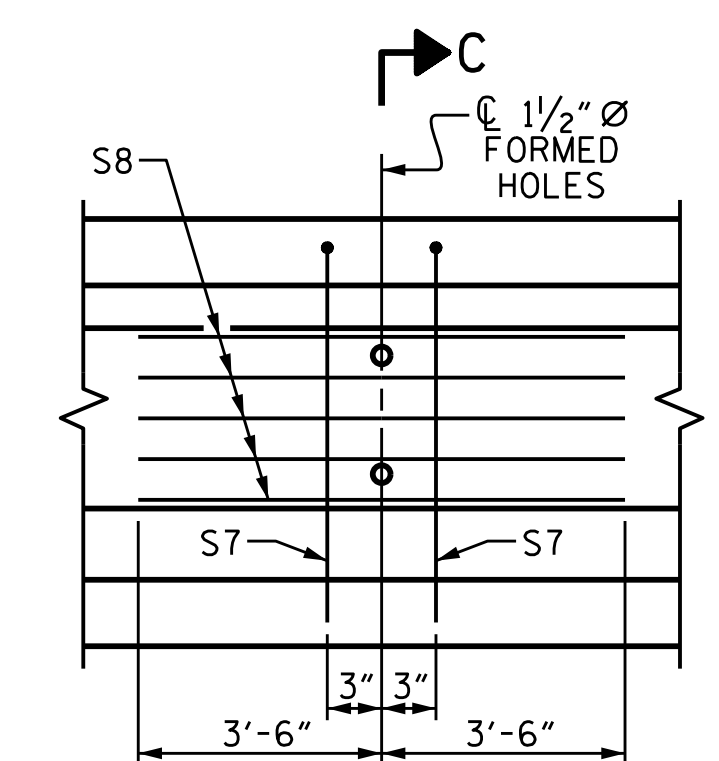
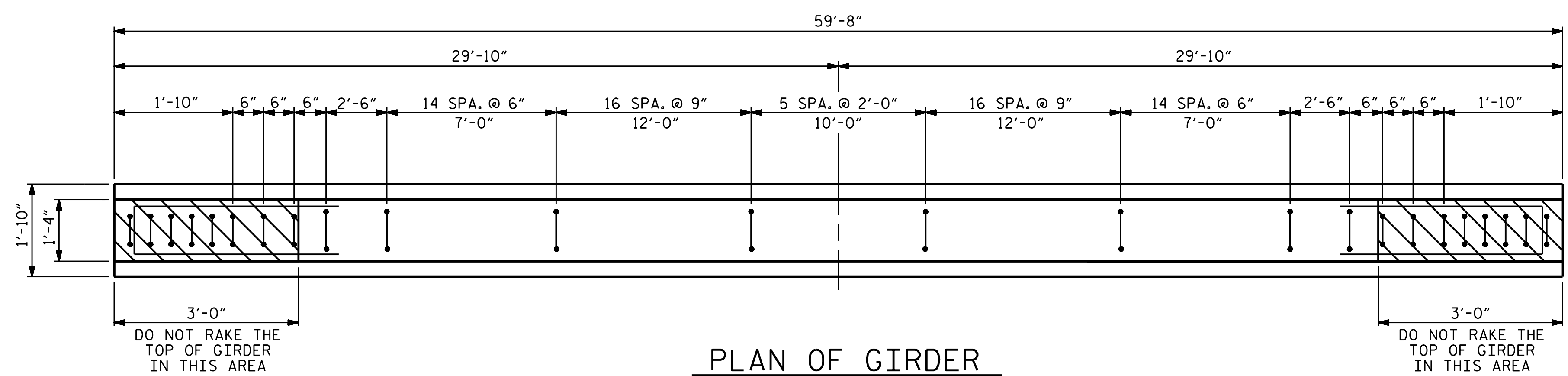
ALL BAR DIMENSIONS ARE OUT-TO-OUT.

QUANTITIES FOR ONE GIRDER

	REINFORCING STEEL LBS.	5,500 PSI CONCRETE C.Y.	0.6" Ø L. R. STRANDS No.
45" PCG GIRDER	757	8.6	18

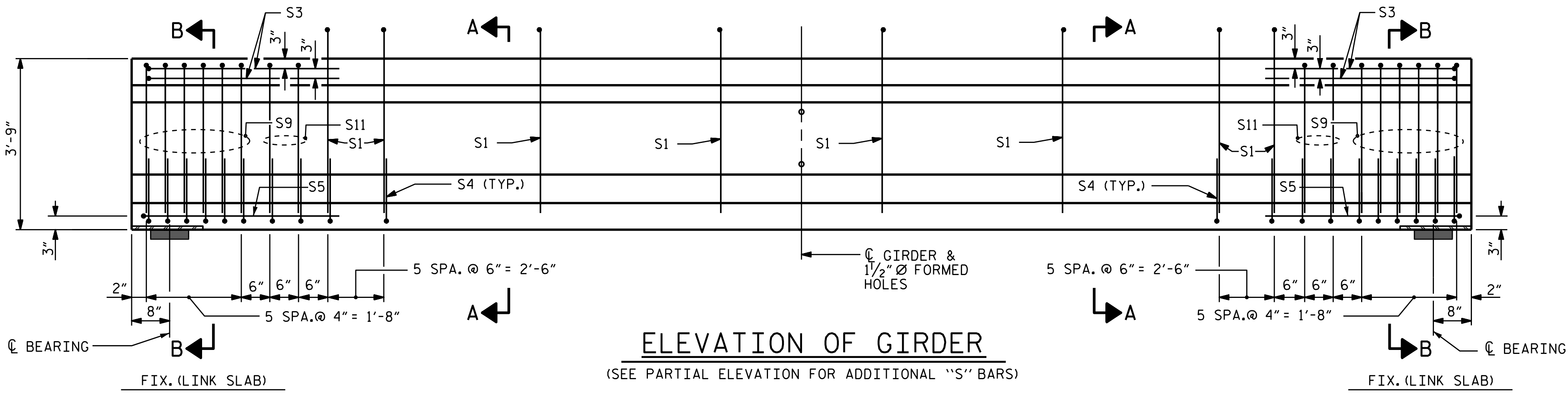
GIRDERS REQUIRED

NUMBER	LENGTH	TOTAL LENGTH
5	59'-8"	298'-4"



PARTIAL ELEVATION

SHOWING INTERMEDIATE DIAPHRAGM REINFORCING STEEL FOR ALL GIRDERS



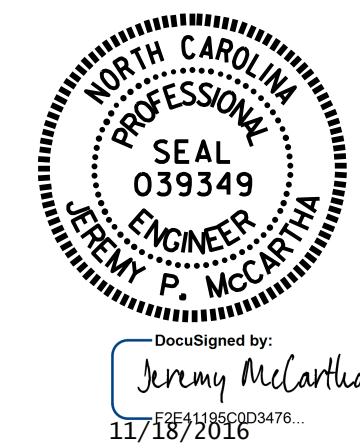
ELEVATION OF GIRDER

(SEE PARTIAL ELEVATION FOR ADDITIONAL "S" BARS)

ASSEMBLED BY : N.D'AIUTO DATE : 12/15/15
CHECKED BY : J. P. MCCARTHA DATE : 6/10/16

DRAWN BY : ELR 8/91 REV. 5/1/06R TLA/GM
CHECKED BY : GRP 8/91 REV. 10/1/11 MAA/GM
REV. 1/15 MAA/TMG

DESIGN ENGINEER OF RECORD:
N.D'AIUTO DATE : 3/1/16



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-13
1			3			TOTAL SHEETS 30
2			4			