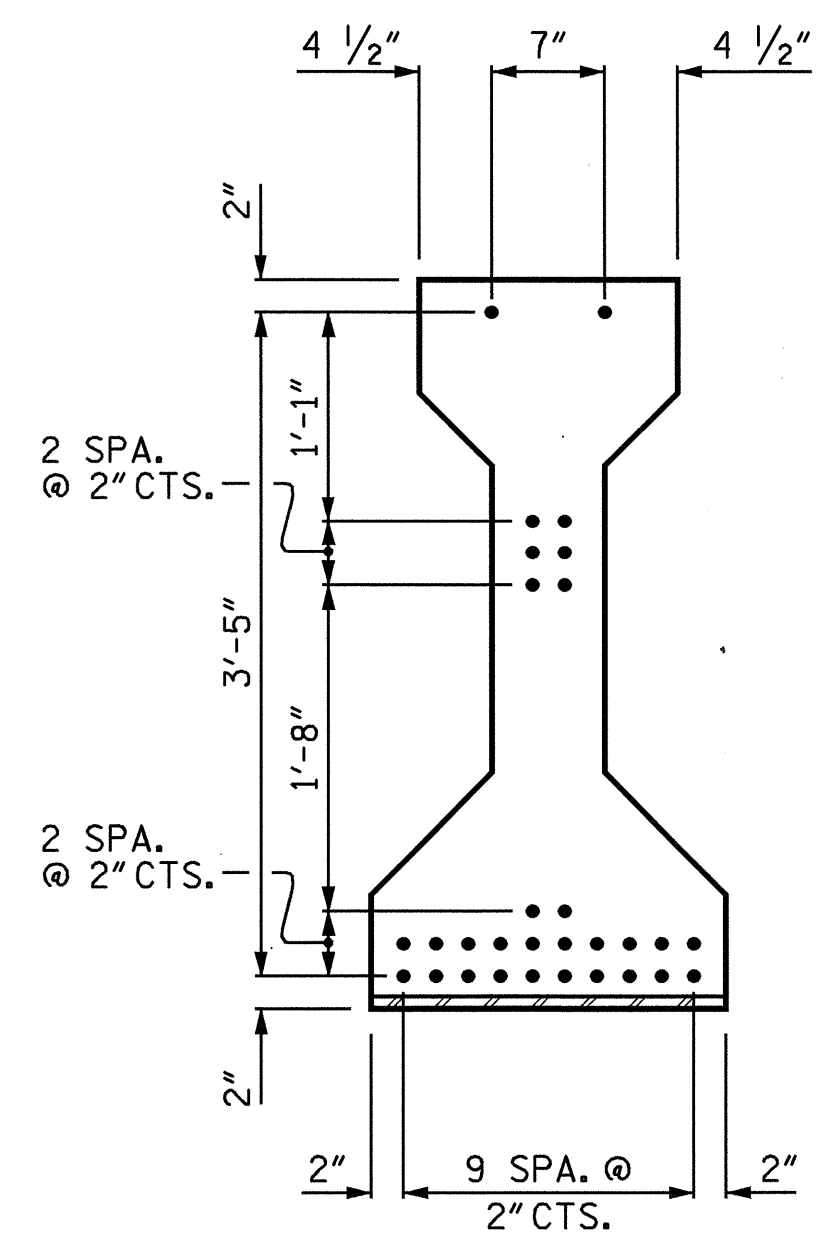
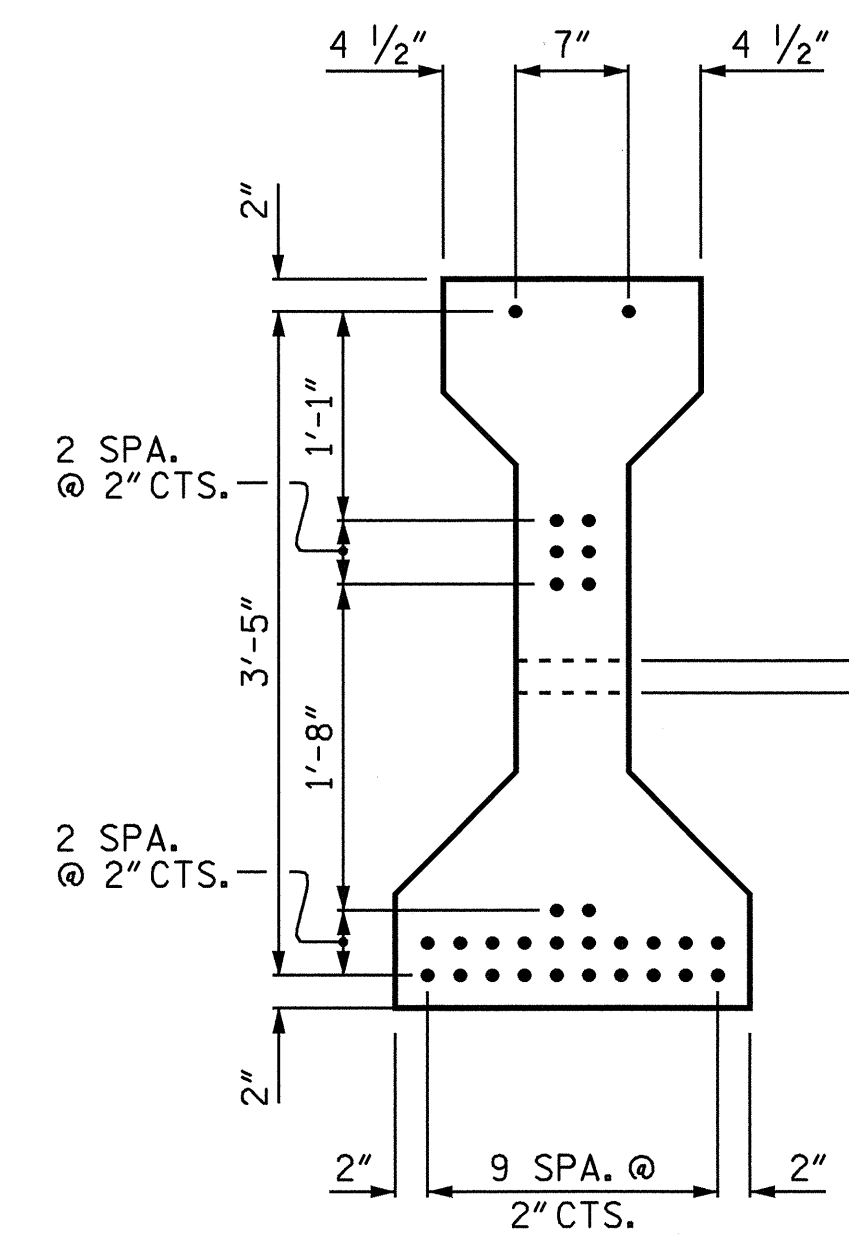


SECTION A-A



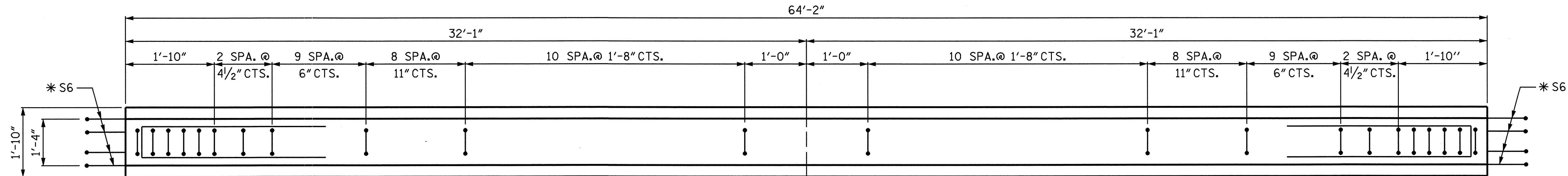
AT END OF GIRDER



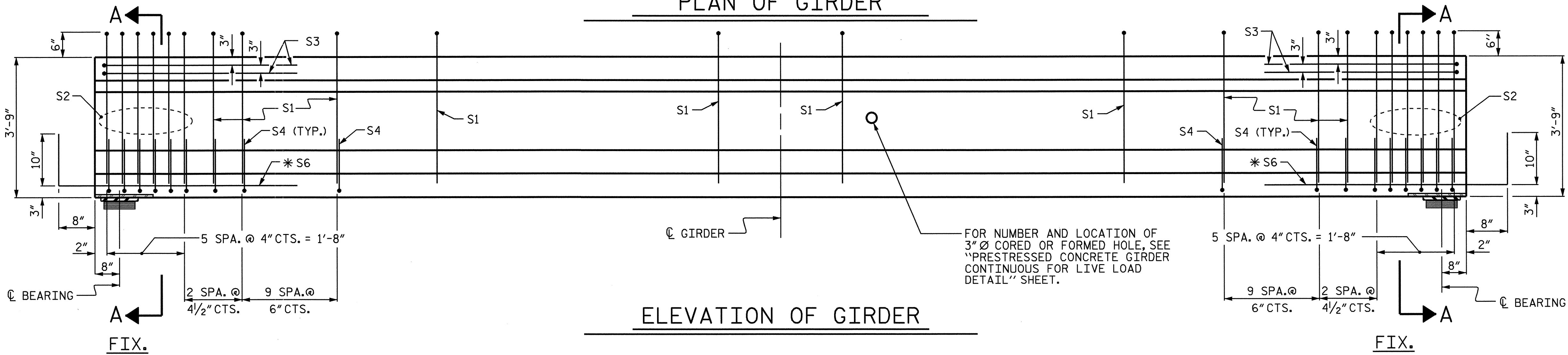
AT Q OF GIRDER

1/2" Ø LOW RELAXATION STRAND LAYOUT

3" Ø CORED OR FORMED HOLE
SEE "PRESTRESSED CONCRETE GIRDER
CONTINUOUS FOR LIVE LOAD
DETAILS" SHEET FOR LOCATION



PLAN OF GIRDER



ELEVATION OF GIRDER

FOR NUMBER AND LOCATION OF
3" Ø CORED OR FORMED HOLE, SEE
"PRESTRESSED CONCRETE GIRDER
CONTINUOUS FOR LIVE LOAD
DETAIL" SHEET.

1/2" Ø L.R. GRADE 270 STRANDS

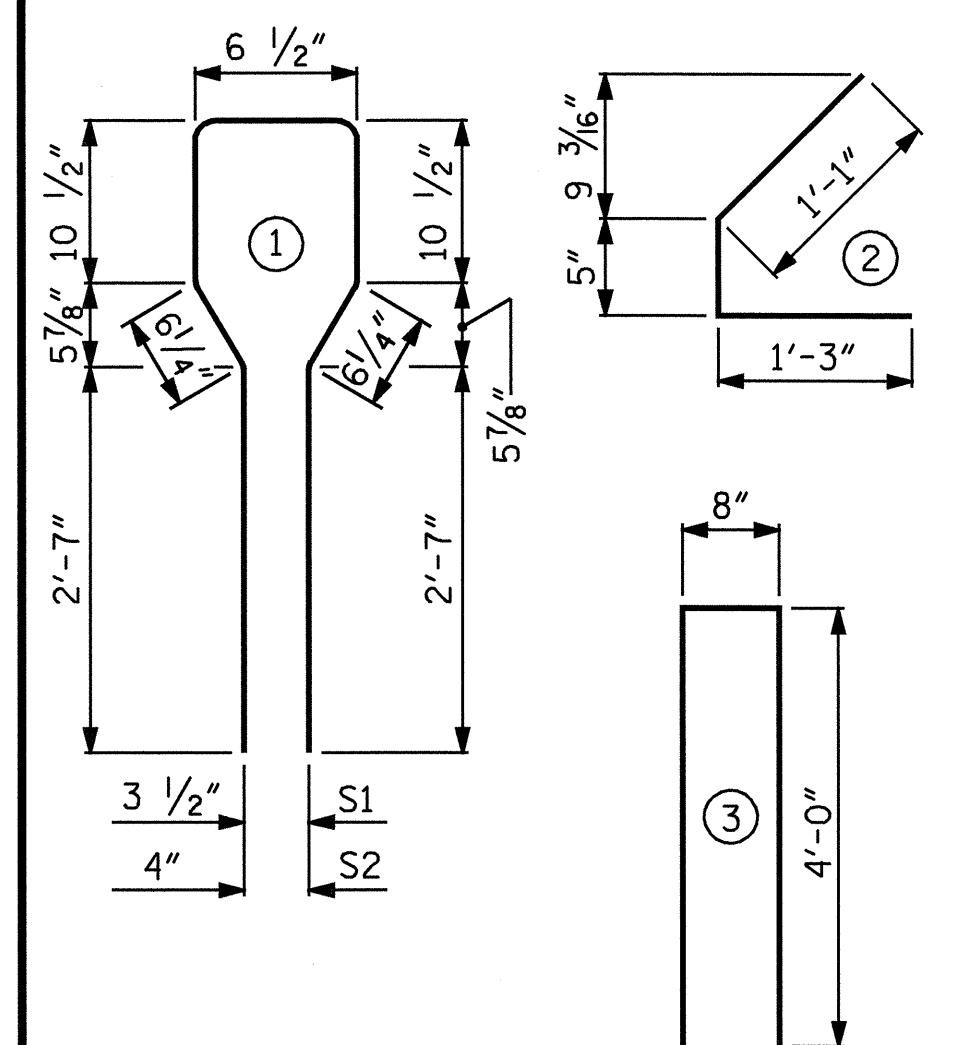
AREA (IN ²)	ULTIMATE STRENGTH (LBS./STRAND)	APPLIED PRESTRESS (LBS./STRAND)
0.153	41,300	30,980

REINFORCING STEEL FOR ONE GIRDER

BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
S1	58	#4	1	8'-6"	329
S2	12	#6	1	8'-6"	153
S3	4	#4	3	8'-8"	23
S4	68	#4	2	2'-9"	125
*S6	8	#5	STR	3'-8"	31

* NOTE: S6 BARS SHALL BE BENT AFTER GIRDER FABRICATION AND BEFORE SHIPMENT. HEAT BENDING SHALL NOT BE ALLOWED.

BAR TYPES
ALL BAR DIMENSIONS ARE OUT-TO-OUT



QUANTITIES FOR ONE GIRDER

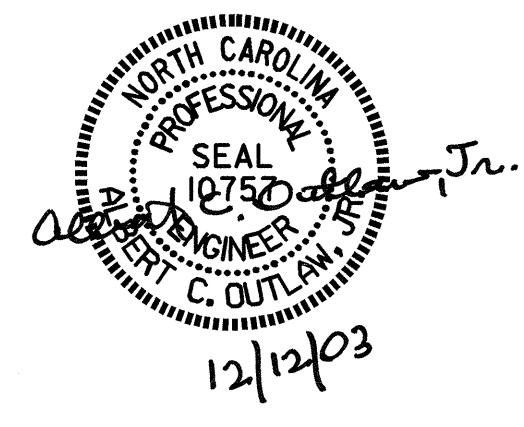
	REINFORCING STEEL	6500 PSI CONCRETE	1/2" Ø L.R. STRANDS
	LB.	C.Y.	No.
FOR ONE GIRDER	661	9.2	30

GIRDERS REQUIRED

NUMBER	LENGTH	TOTAL LENGTH
5	64'-2"	320.84

PROJECT NO. B-3623
CABARRUS COUNTY
STATION: 18+37.50 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
AASHTO TYPE III
PRESTRESSED CONCRETE GIRDER
CONTINUOUS FOR LIVE LOAD
SPAN "B"



ASSEMBLED BY: P.C. BREWER DATE: 4/23/03
CHECKED BY: S.B. WILLIAMS DATE: 5/9/03
DRAWN BY: ELR 8/91 REV. 2/6/97 EEM/RGW
CHECKED BY: GRP 8/91 REV. 7/17/98 RWW/LES
REV. 10/17/00 RWW/LES

REVISIONS

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

SHEET NO. S-11
TOTAL SHEETS 34