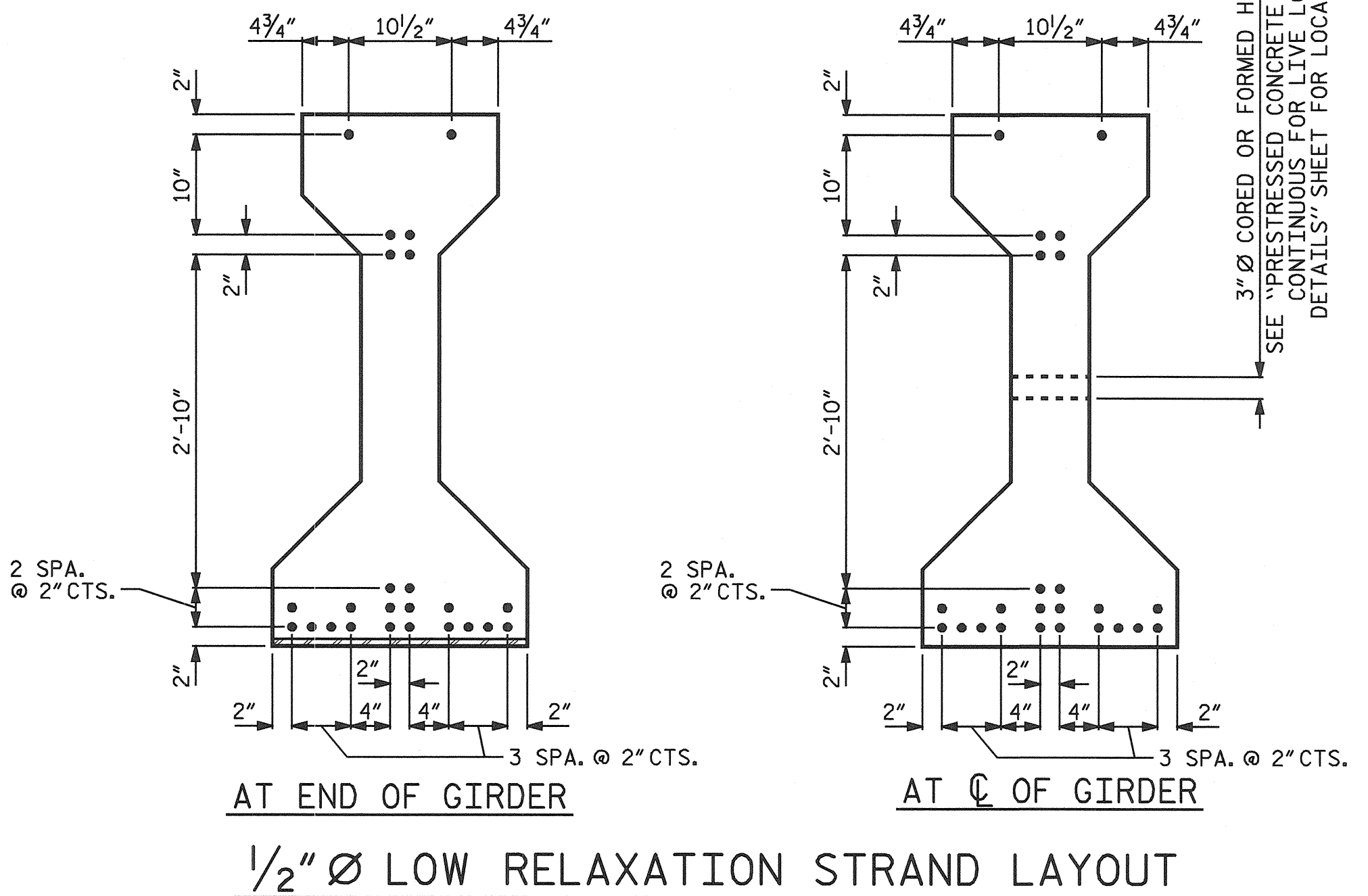
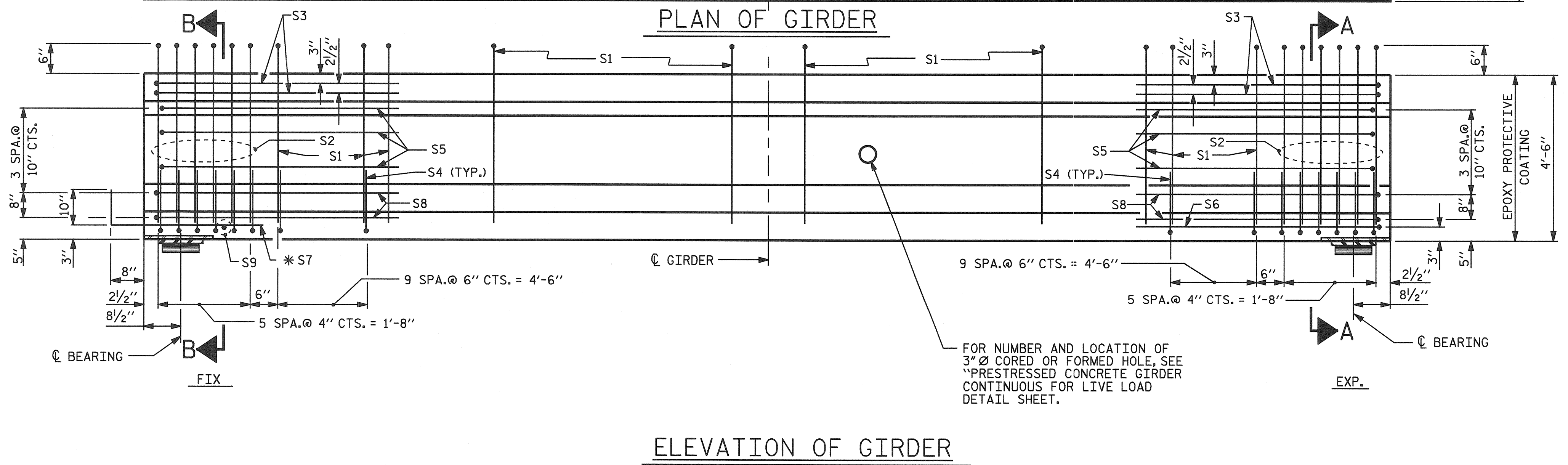
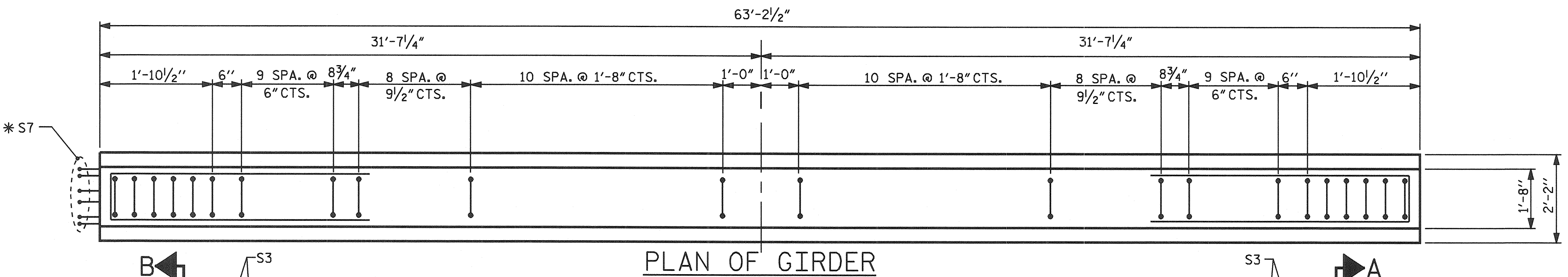


* FOR S7 BARS, SEE
DETAIL "A" OF "PRESTRESSED
CONCRETE GIRDER CONTINUOUS
FOR LIVE LOAD DETAILS" SHEET



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



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 (SQUARE INCHES)	ULTIMATE STRENGTH (LBS. PER STRAND)	APPLIED PRESTRESS (LBS. PER STRAND)
0.153	41,300	30,980

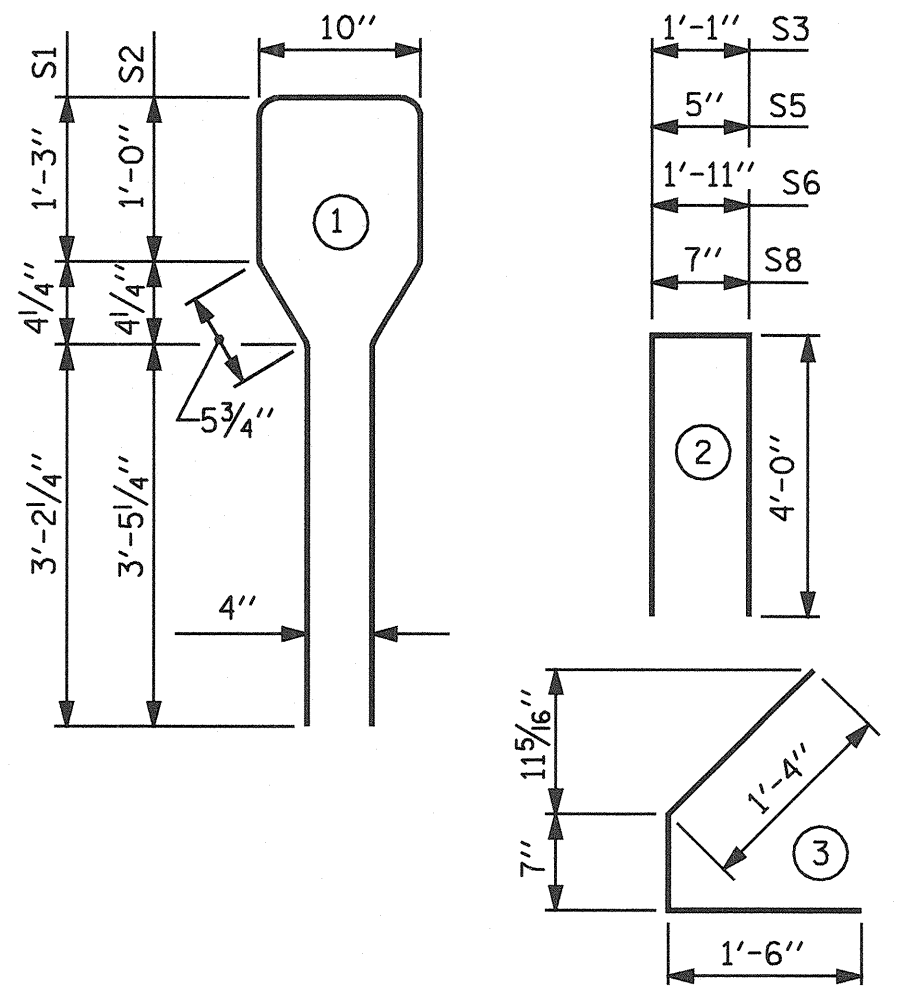
REINFORCING STEEL FOR ONE GIRDER

BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
S1	58	#4	1	10'-8"	413
S2	12	#6	1	10'-8"	192
S3	4	#4	2	9'-1"	24
S4	64	#4	3	3'-5"	146
S5	6	#4	2	8'-5"	34
S6	1	#4	2	9'-11"	7
* S7	6	#5	STR	3'-8"	23
S8	4	#4	2	8'-7"	23
S9	1	#3	STR	1'-10"	1

* 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	5,000 PSI CONCRETE	1/2" Ø L.R. STRANDS
	LB.	C.Y.	No.
FOR ONE GIRDER	863	12.8	24

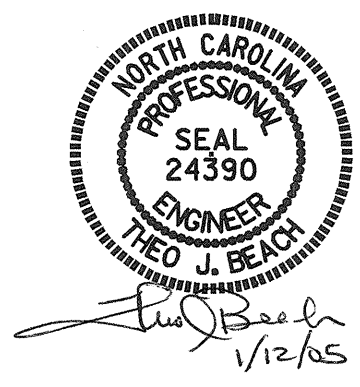
GIRDERS REQUIRED

NUMBER	LENGTH	TOTAL LENGTH
7	63'-2 1/2"	442.46

PROJECT NO. B-3652
GUILFORD COUNTY
STATION: 21+87.50 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

AASHTO TYPE IV
PRESTRESSED CONCRETE GIRDER
CONTINUOUS FOR LIVE LOAD
SPAN "C"



ASSEMBLED BY : S.B. WILLIAMS DATE : 3-22-04
CHECKED BY : P.C. BREWER DATE : 5-27-04
DRAWN BY : ELR 8/91 EEM/RGW
CHECKED BY : GRP 8/91 REV. 7/17/98 RWW/LES
REV. 10/17/00 RWW/LES

REVISIONS						SHEET NO. S-12
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 42
2			4			