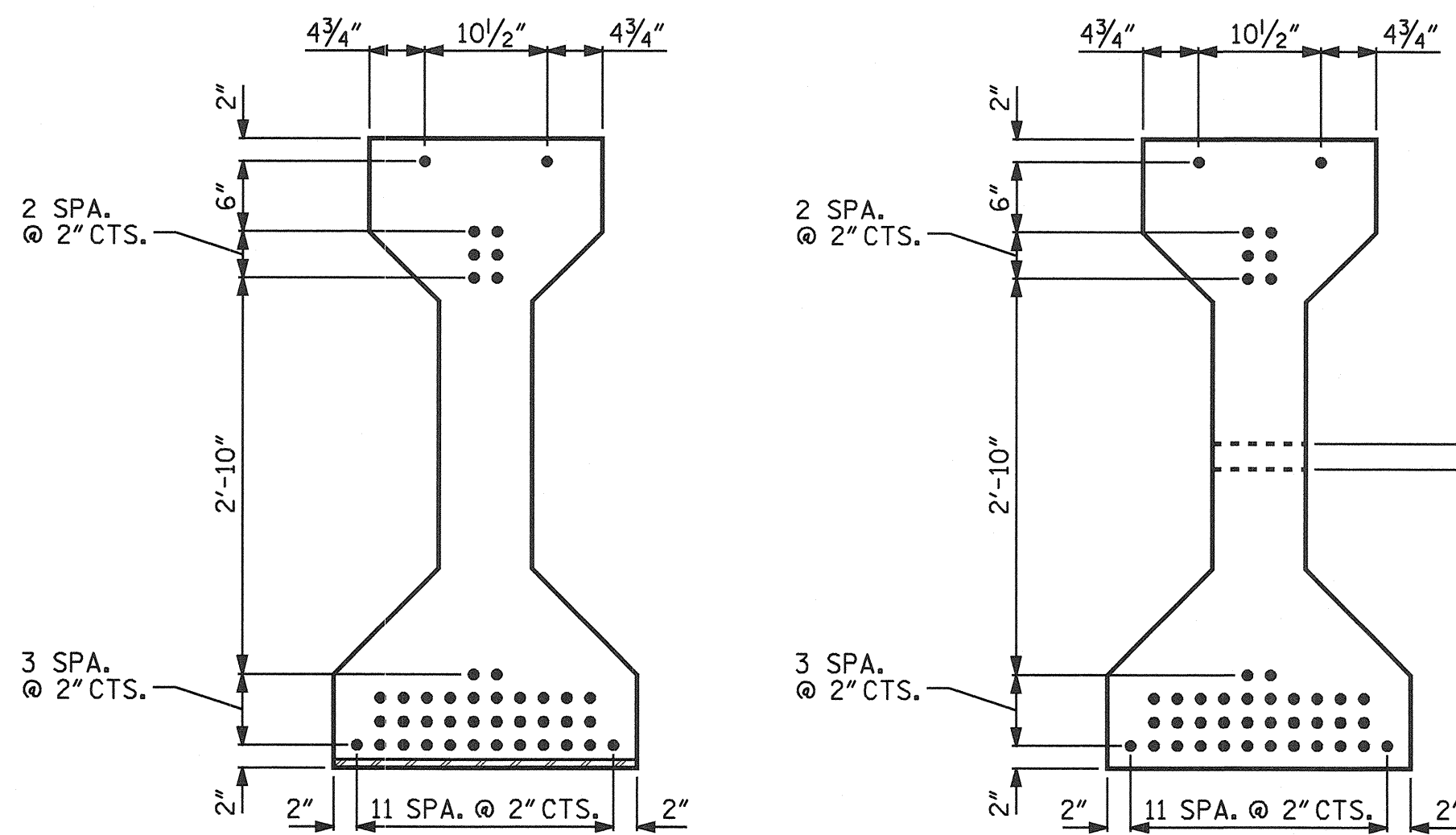


SECTION B-B

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

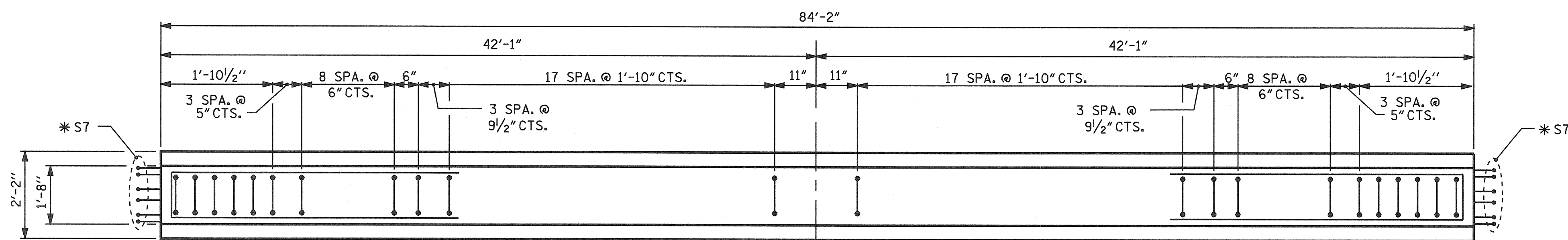


AT END OF GIRDER

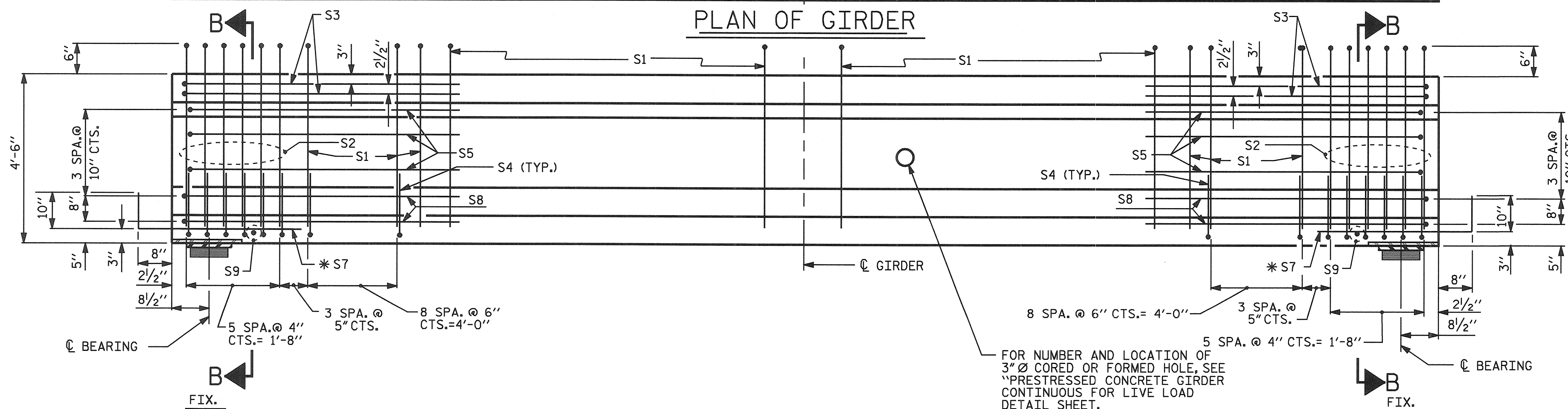
AT C OF GIRDER

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

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

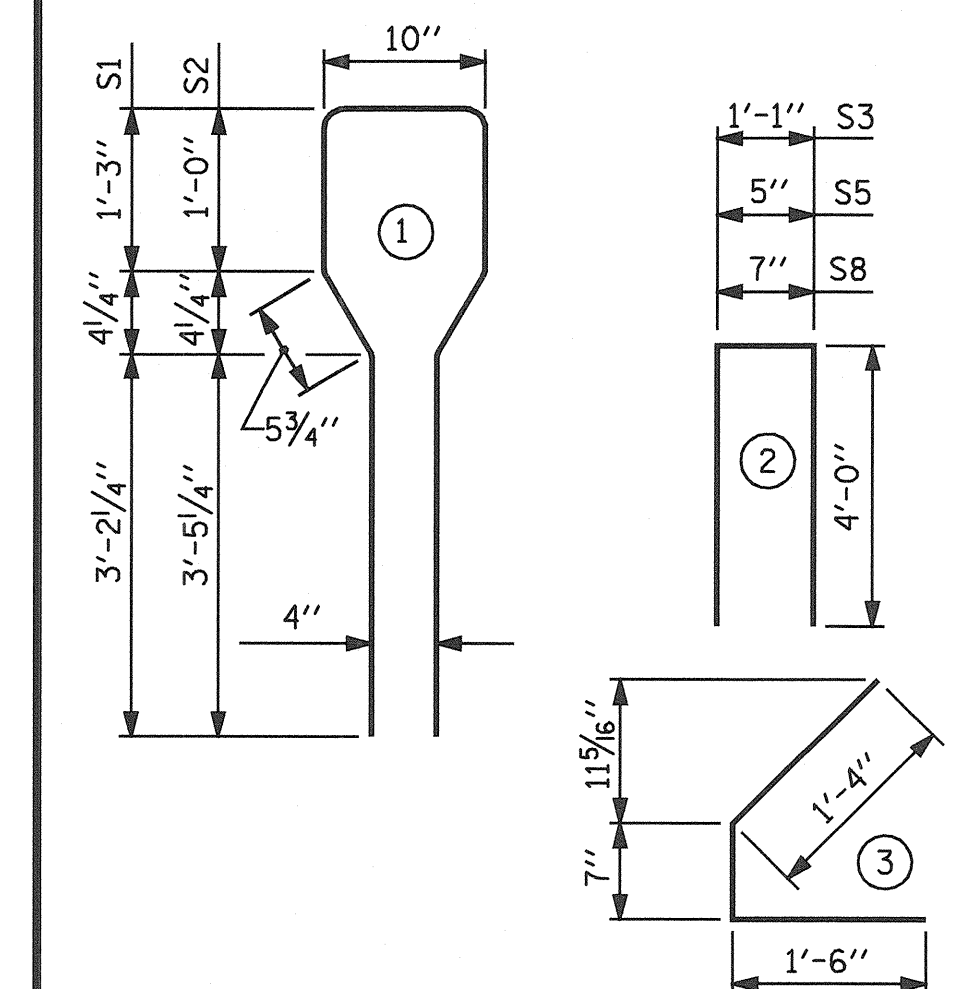
REINFORCING STEEL FOR ONE GIRDER

BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
S1	64	#4	1	10'-8"	456
S2	12	#6	1	10'-8"	192
S3	4	#4	2	9'-1"	24
S4	68	#4	3	3'-5"	155
S5	6	#4	2	8'-5"	34
* S7	12	#5	STR	3'-8"	46
S8	4	#4	2	8'-7"	23
S9	2	#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

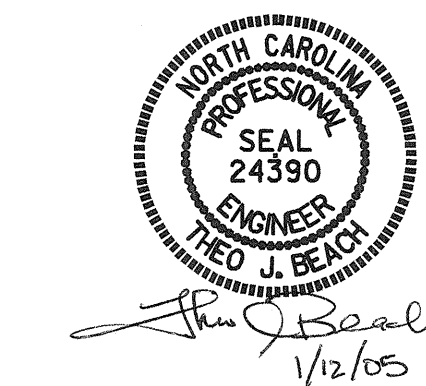
	REINFORCING STEEL	7,500 PSI CONCRETE	1/2" Ø L.R. STRANDS
	L.B.	C.Y.	No.
FOR ONE GIRDER	931	17.1	42

GIRDERS REQUIRED

NUMBER	LENGTH	TOTAL LENGTH
7	84'-2"	589.17

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 "B"



ASSEMBLED BY : S.B. WILLIAMS DATE : 3-22-04  
 CHECKED BY : P.C. BREWER DATE : 5-27-04  
 DRAWN BY : ELR 8/91 REV. 2/16/97 EEM/RGW  
 CHECKED BY : GRP 8/91 REV. 7/17/98 RWW/LES  
 REV. 10/17/00 RWW/LES

REVISIONS						SHEET NO. S-11
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 42
2			4			