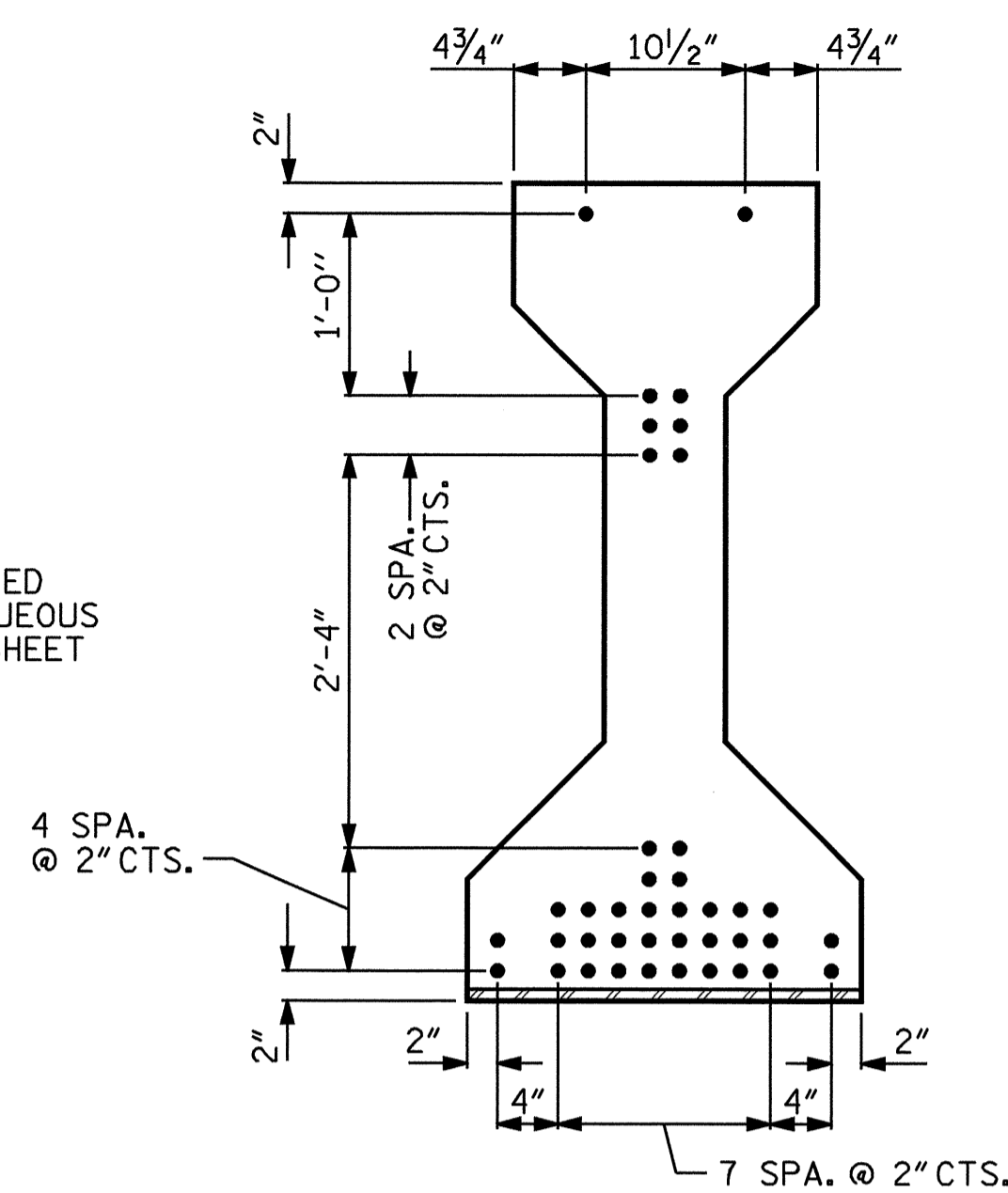
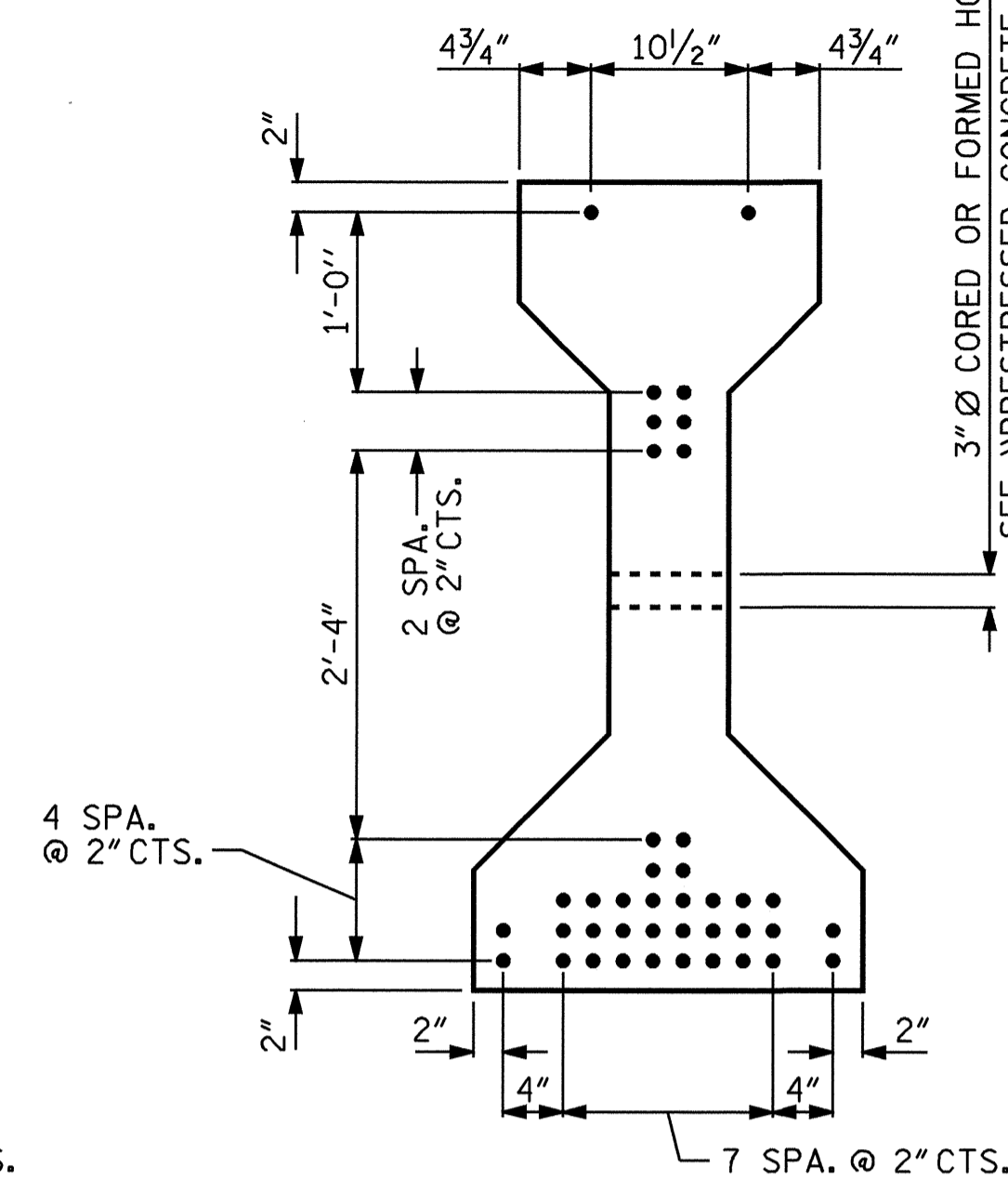


SECTION B-B

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



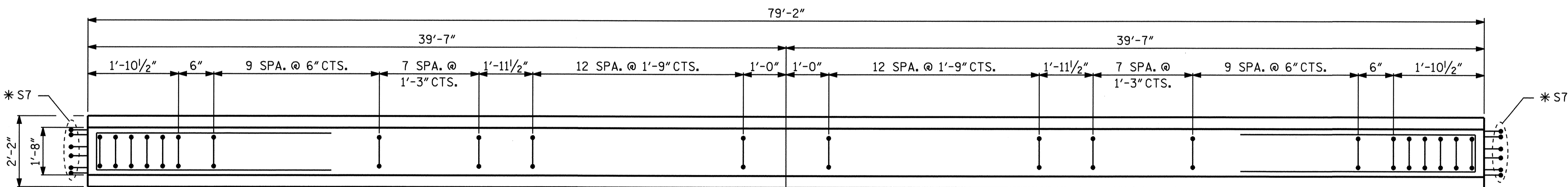
AT END OF GIRDER



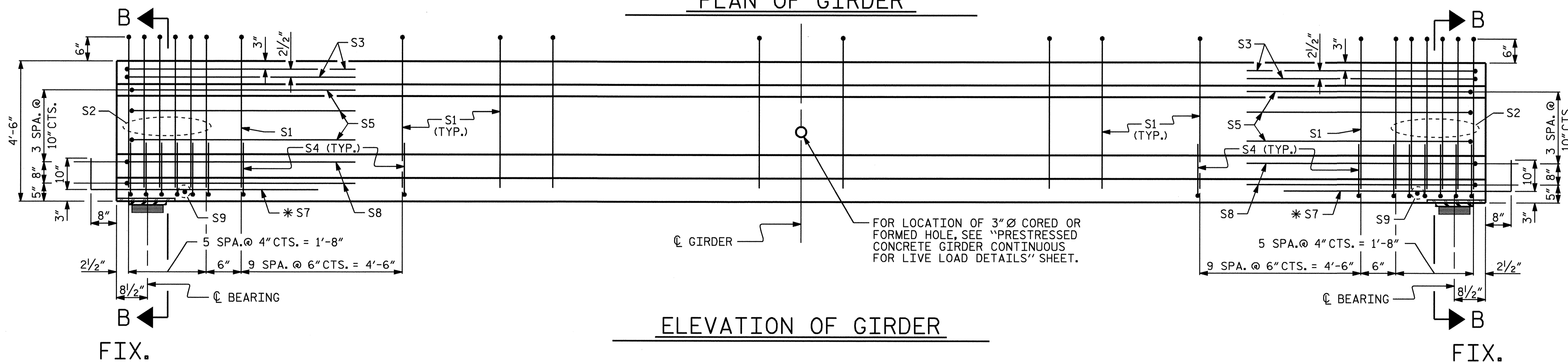
AT C OF GIRDER

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

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

NOTE :
FINAL GIRDER STRENGTH = 6,500 PSI

1/2" Ø L.R. GRADE 270 STRANDS

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

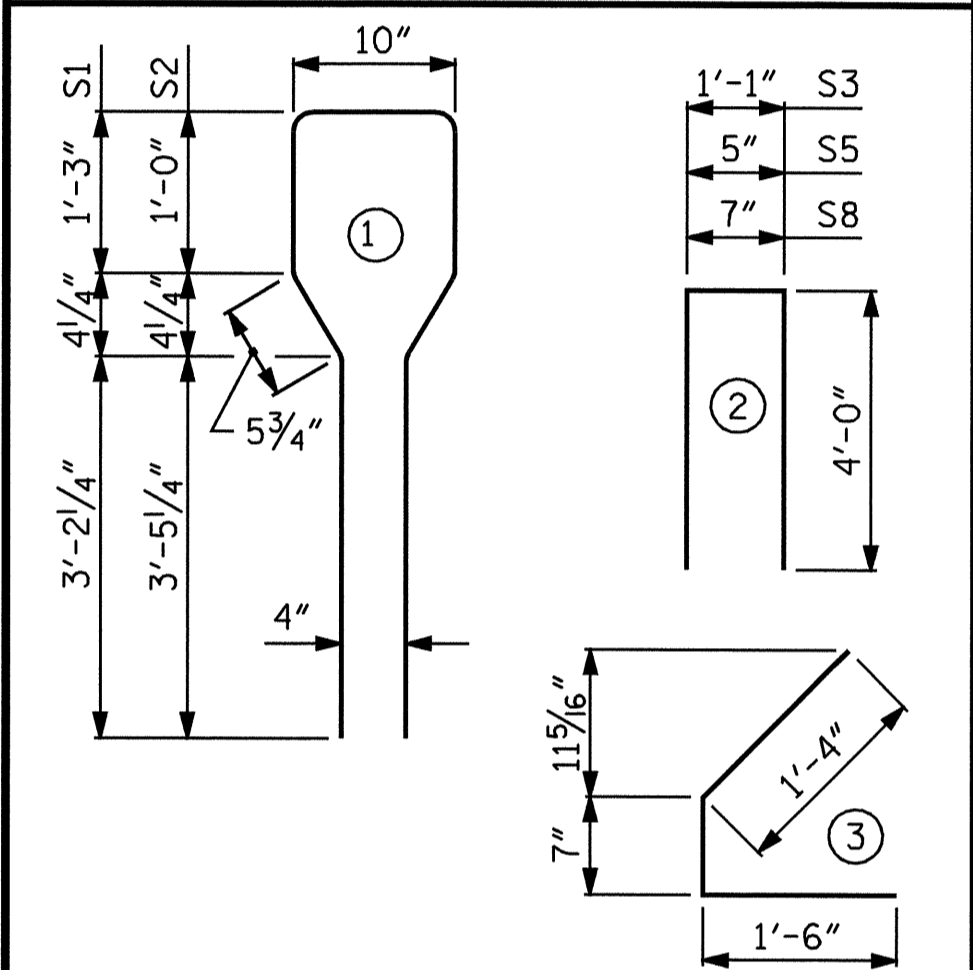
REINFORCING STEEL
FOR ONE GIRDER

BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
S1	60	#4	1	10'-8"	428
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
*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

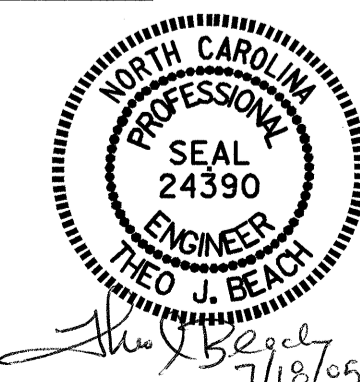
FOR ONE GIRDER	REINFORCING STEEL	6500 PSI CONCRETE	1/2" Ø L.R. STRANDS
	LB.	C.Y.	No.
	894	16.1	40

GIRDERS REQUIRED

NUMBER	LENGTH	TOTAL LENGTH
4	79'-2"	316.67

PROJECT NO. B-4044
BURKE COUNTY
STATION: 17+05.00 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
AASHTO TYPE IV
PRESTRESSED CONCRETE GIRDER
CONTINUOUS FOR LIVE LOAD
SPAN "B"
(STRAIGHT STRAND OPTION)



ASSEMBLED BY : P.C. BREWER	DATE : 11/18/04	CADD STANDARD
CHECKED BY : M. BRITT	DATE : 12/2/04	
DRAWN BY : ARB 2/97	REV. 10/99	MAB/LES
CHECKED BY : EEM 2/97		

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-11
1			3			TOTAL SHEETS 35
2			4			