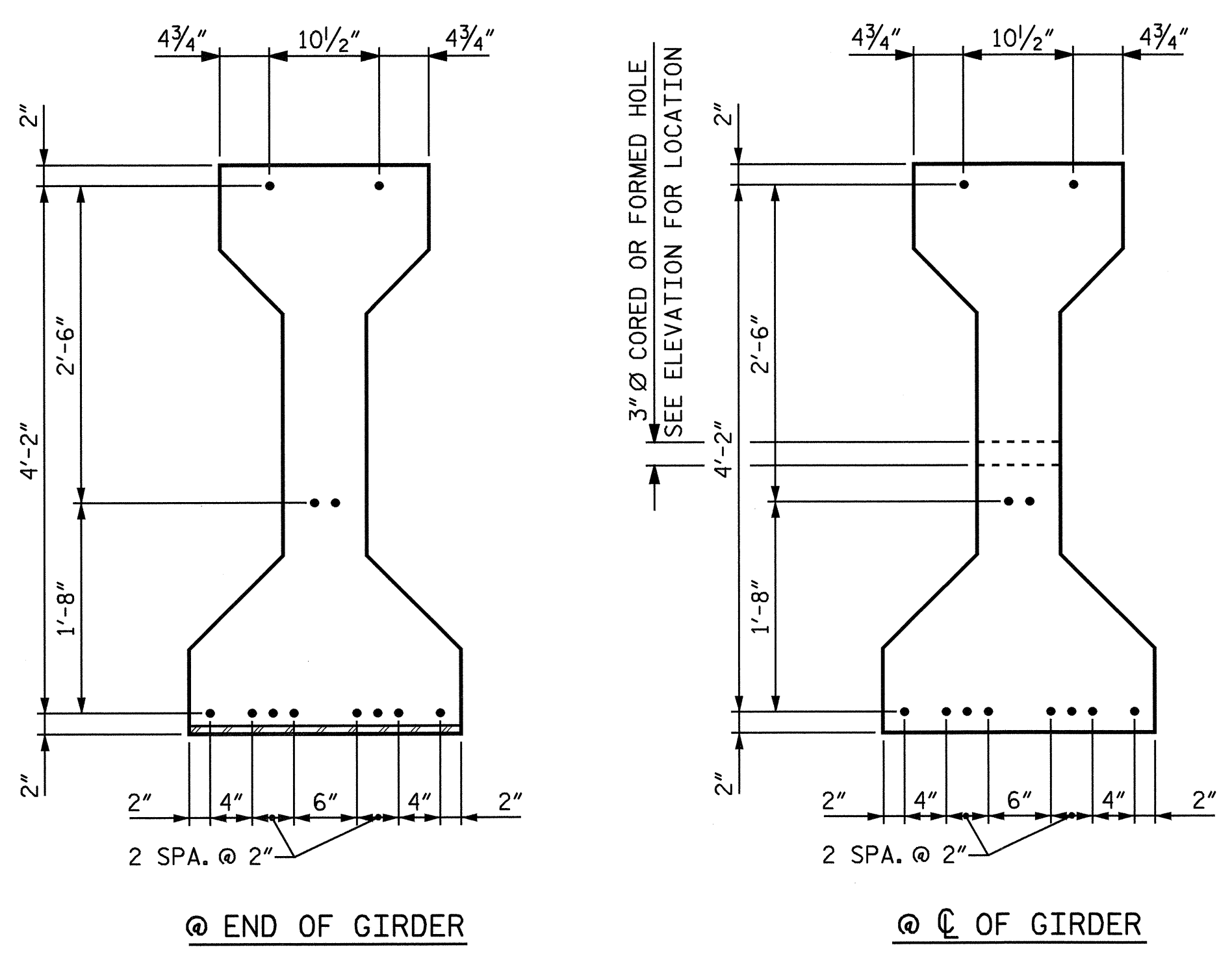
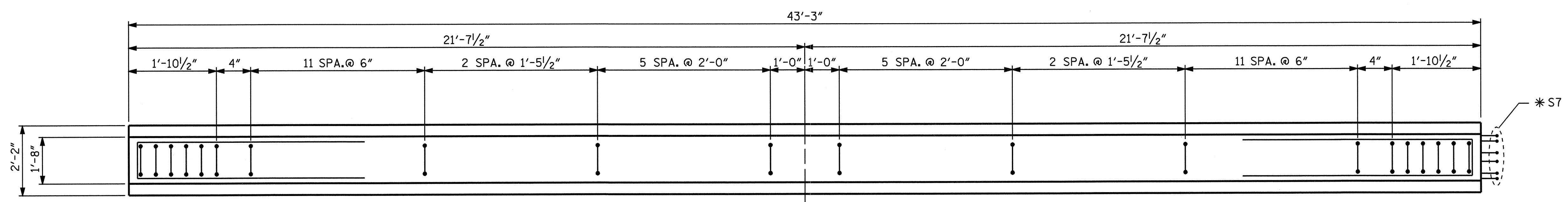


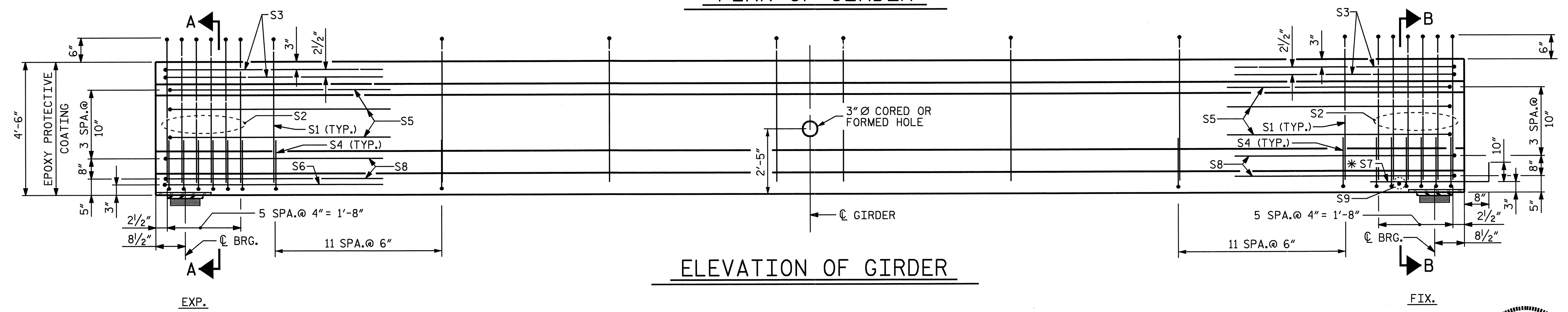
* FOR S7 BARS, SEE
DETAIL "A" OF PRESTRESSED
CONCRETE GIRDER CONTINUOUS
FOR LIVE LOAD DETAILS
SHEET



@ END OF GIRDER @ C. OF GIRDER
1/2" Ø LOW RELAXATION STRAND LAYOUT



PLAN OF GIRDER



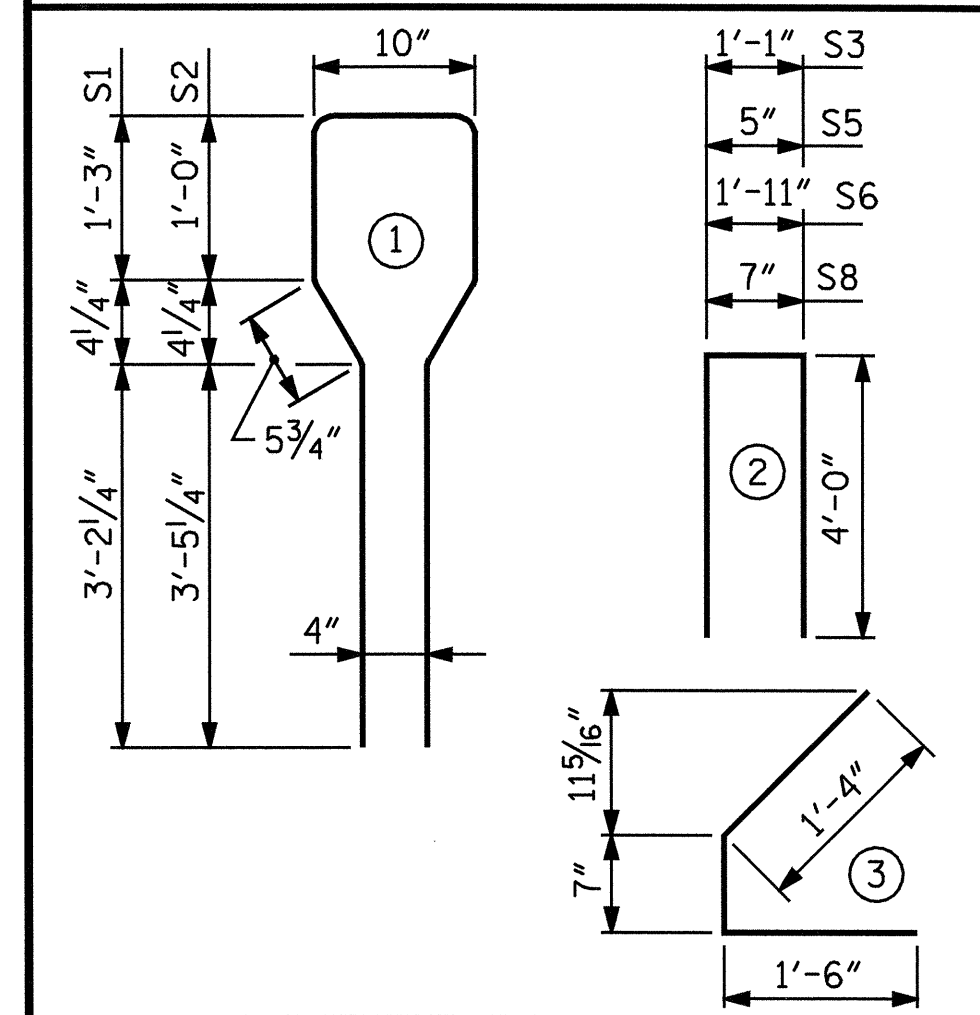
ELEVATION OF GIRDER

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	38	#4	1	10'-8"	271
S2	12	#6	1	10'-8"	192
S3	4	#4	2	9'-1"	24
S4	72	#4	3	3'-5"	164
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

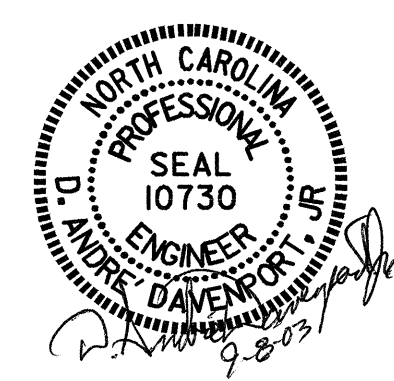


QUANTITIES FOR ONE GIRDER			
	REINFORCING STEEL LB.	5000.0 PSI CONCRETE C.Y.	1/2" Ø L.R. STRANDS No.
INT/EXT GIRDER	739	8.8	12

GIRDERS REQUIRED		
NUMBER	LENGTH	TOTAL LENGTH
4	43.25	173.00

PROJECT NO. B-4334
DAVIDSON COUNTY
STATION: 27+49.00 -L-

SHEET 1 OF 4
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
AASHTO TYPE IV
PRESTRESSED CONCRETE GIRDER
CONTINUOUS FOR LIVE LOAD
SPAN A



ASSEMBLED BY : M.M.P./DAD	DATE : 10/7/02	CADD STANDARD
CHECKED BY : H. T. BARBOUR	DATE : 11/02	
DRAWN BY : RB	2/97	REV. 10/99 MAB/LES
CHECKED BY : VP	2/97	

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-10	
1			3			TOTAL SHEETS	
2			4			34	