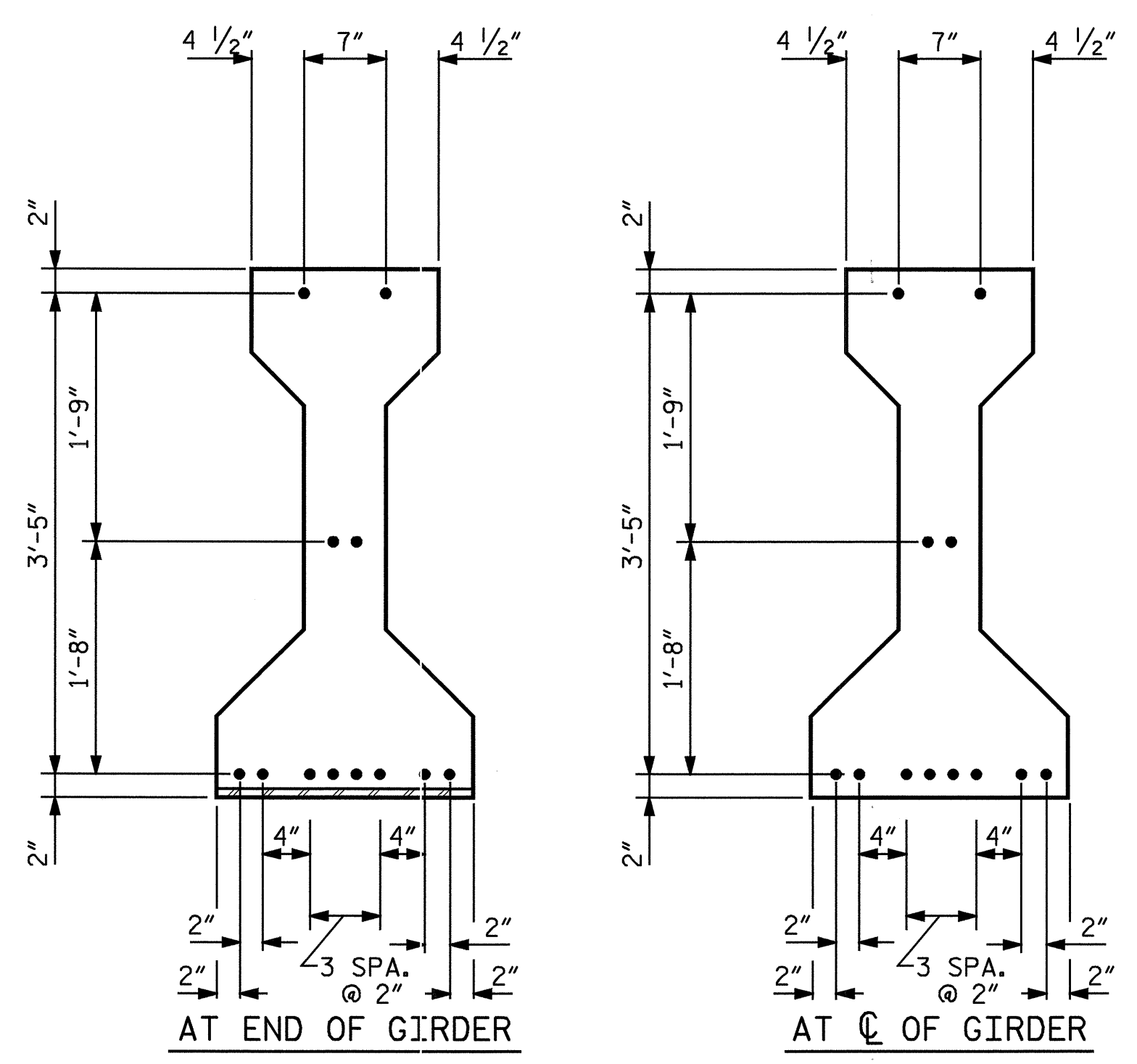
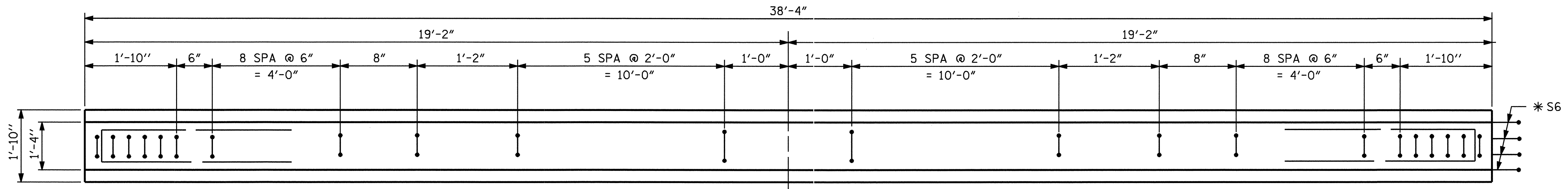


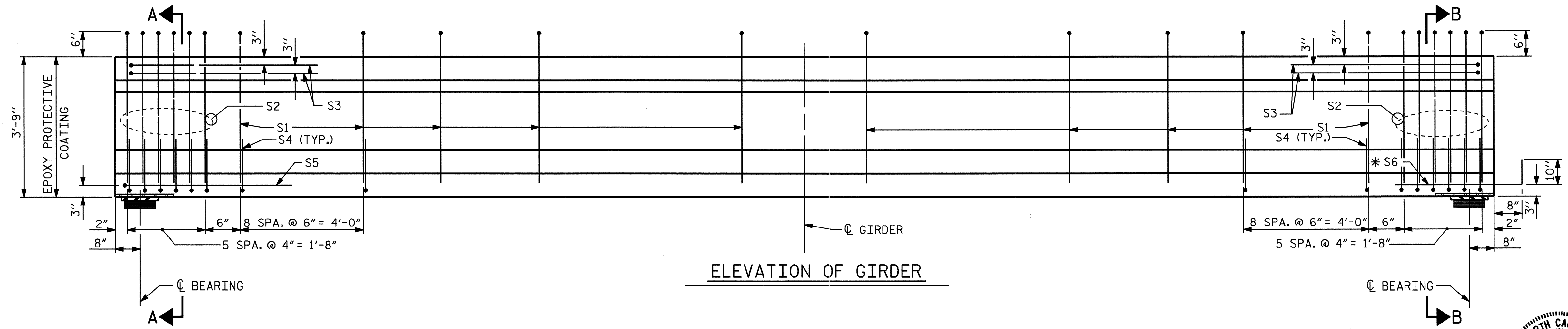
SECTION A-A SECTION B-B



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

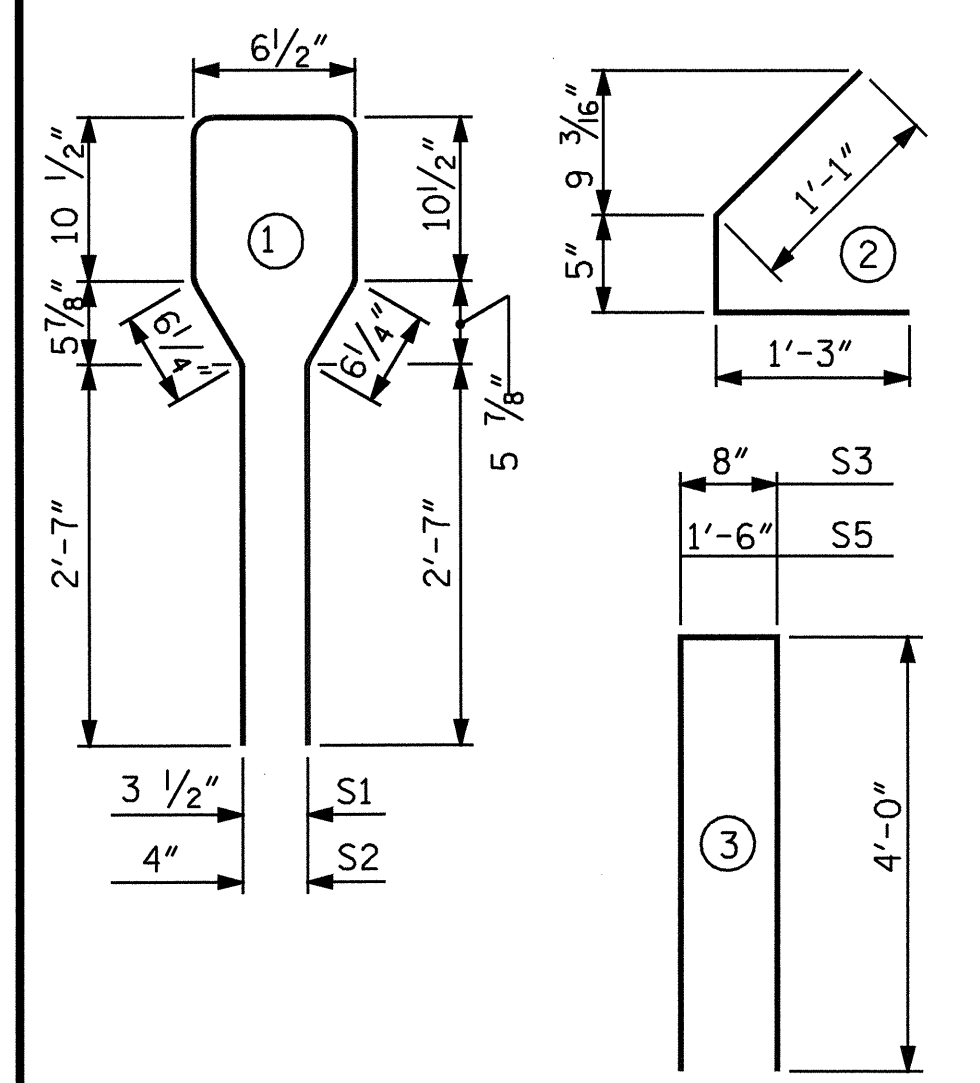
REINFORCING STEEL FOR ONE GIRDER

BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
S1	32	#4	1	8'-6"	182
S2	12	#6	1	8'-6"	153
S3	4	#4	3	8'-8"	23
S4	60	#4	2	2'-9"	110
S5	1	#4	3	9'-6"	16
*S6	4	#5	STR	3'-8"	15

\* NOTE: S6 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

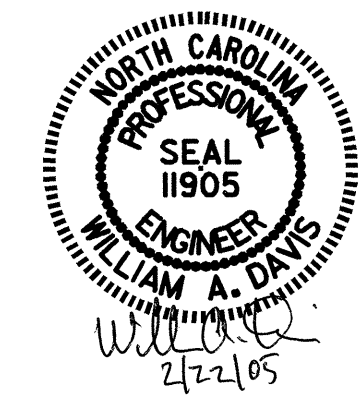
REINFORCING STEEL	5000.0 PSI CONCRETE	1/2" Ø L.R. STRANDS
LB.	C.Y.	No.
489	5.5	12

GIRDERS REQUIRED

NUMBER	LENGTH	TOTAL LENGTH
4	38.33	153.33

PROJECT NO. B-3875  
MOORE COUNTY  
 STATION: 17+70.00 -L-

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 AASHTO TYPE III  
 PRESTRESSED CONCRETE GIRDER  
 CONTINUOUS FOR LIVE LOAD  
 (SPAN A)



ASSEMBLED BY : J.D. HAWK	DATE : 8/03	CADD STANDARD
CHECKED BY : J.G. KHARVA	DATE : 8/03	
DRAWN BY : RB	REV. 8/16/99	REV. 8/16/99 ARB/LES
CHECKED BY : VP	2/97	

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

TOTAL SHEETS 33