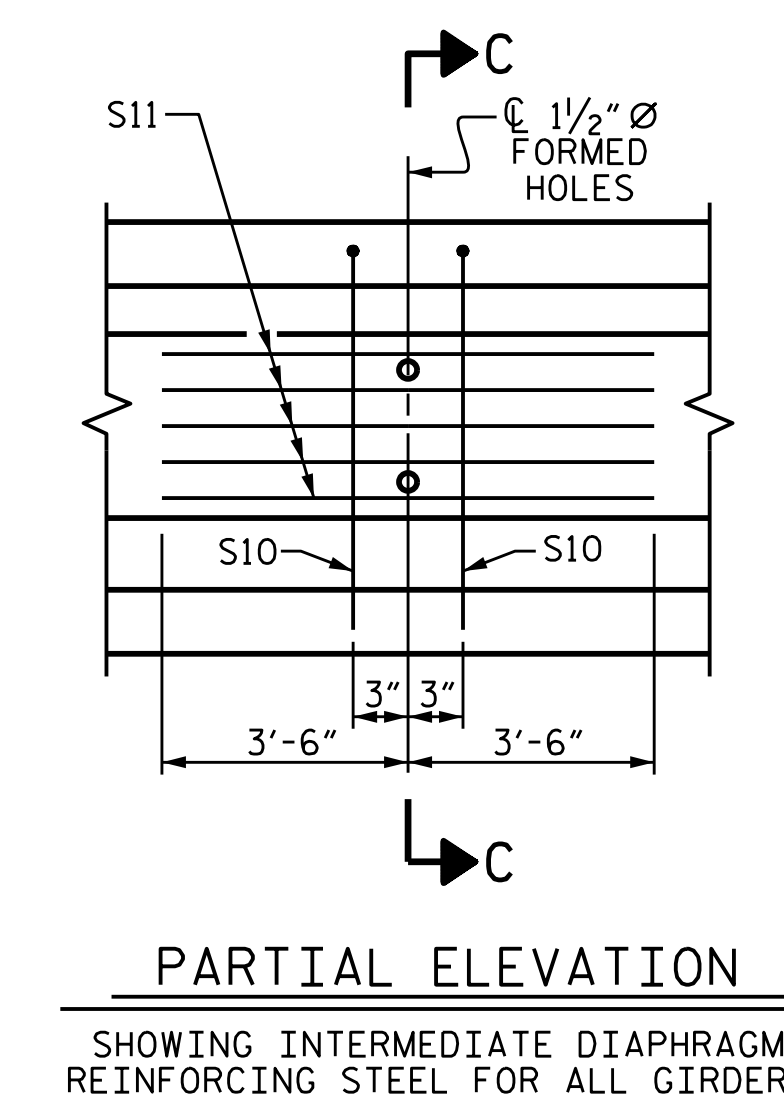


**DEBONDING LEGEND**  
 ● FULLY BONDED STRANDS  
 ▲ STRANDS DEBONDED FOR 4'-0" FROM END OF GIRDER



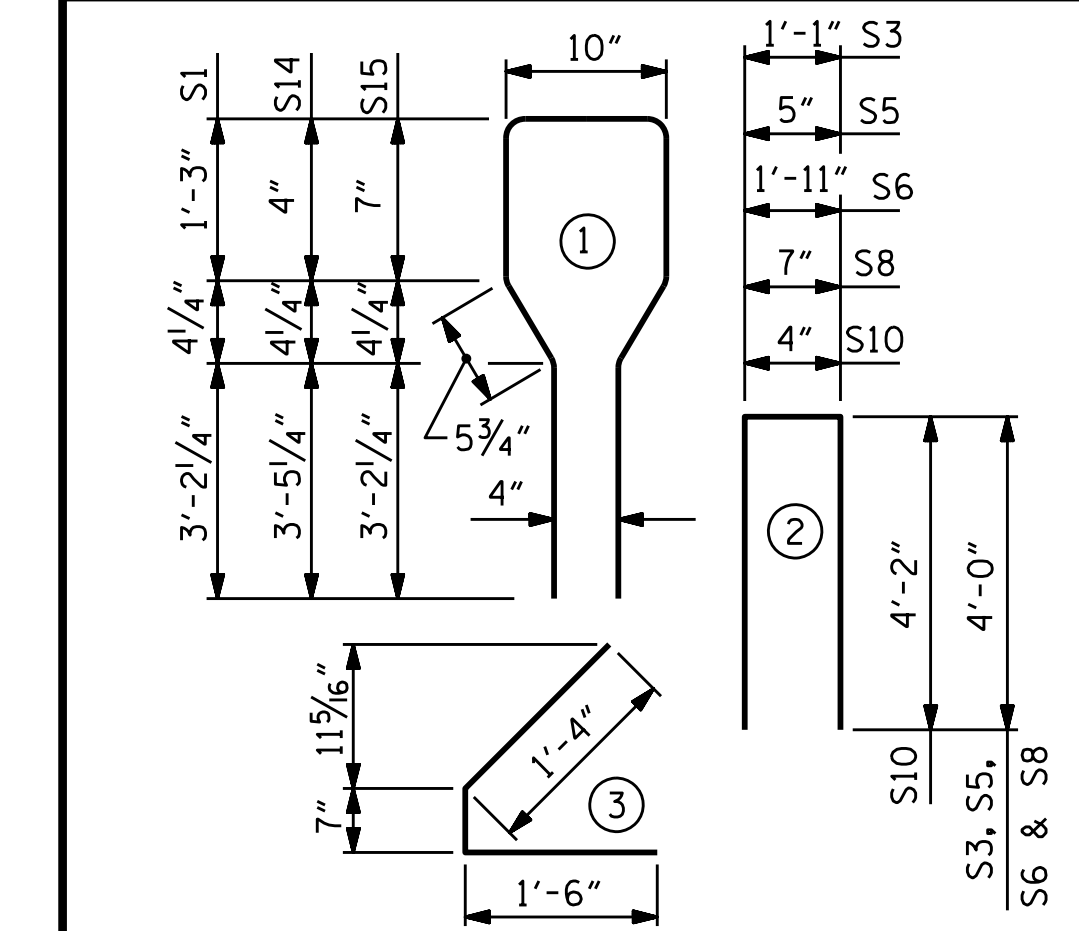
**0.6" Ø L. R. GRADE 270 STRANDS**

AREA (SQ. INCHES)	ULTIMATE STRENGTH (LBS. PER STRAND)	APPLIED PRESTRESS (LBS. PER STRAND)
0.217	58,600	43,950

**REINFORCING STEEL FOR ONE GIRDER**

BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
S1	72	#4	1	10'-8"	513
S3	4	#4	2	9'-1"	24
S4	76	#4	3	3'-5"	173
S5	6	#4	2	8'-5"	34
S6	2	#4	2	9'-11"	13
S8	4	#4	2	8'-7"	23
S10	2	#5	2	8'-8"	18
S11	5	#4	STR	7'-0"	23
S14	12	#6	1	9'-4"	168
S15	8	#4	1	9'-4"	50

**BAR TYPES**  
 ALL BAR DIMENSIONS ARE OUT-TO-OUT

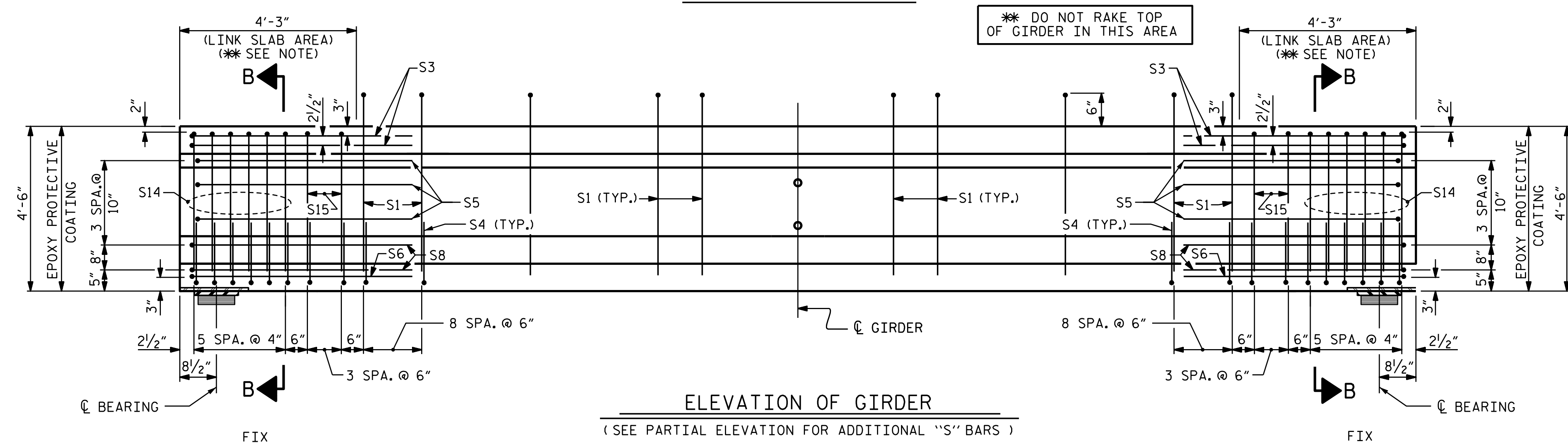
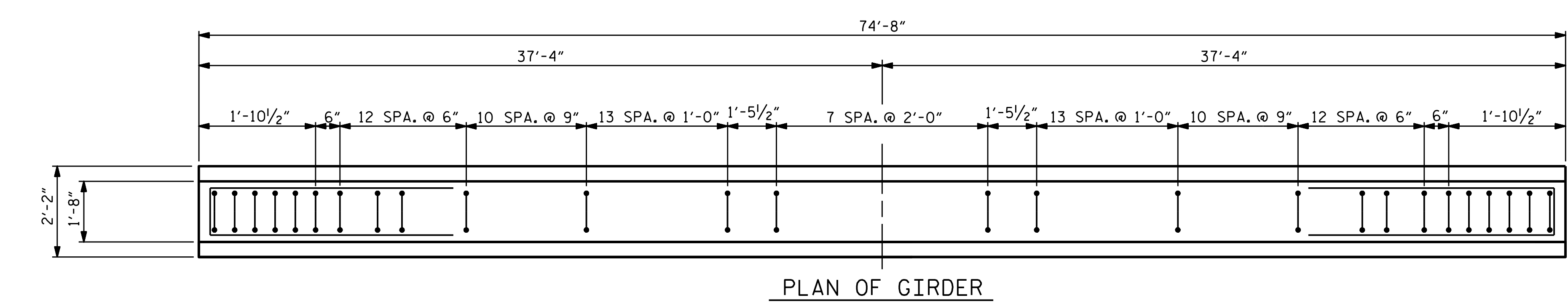


**QUANTITIES FOR ONE GIRDER**

SPAN C	REINFORCING STEEL	7500 PSI CONCRETE	0.6" Ø L. R. STRANDS
	LB.	C.Y.	No.
	1039	15.2	26

**GIRDERS REQUIRED**

NUMBER	LENGTH	TOTAL LENGTH
4	74'-8"	298'-8"



PROJECT NO. B-5670  
NASH COUNTY  
 STATION: 16+98.00 -L-  
 SHEET 3 OF 5



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
**AASHTO TYPE IV  
 PRESTRESSED CONCRETE GIRDER  
 LINK SLAB  
 SPAN C**

ASSEMBLED BY : M.M. AHMED	DATE : 06/22
CHECKED BY : S. WANCE	DATE : 06/22
DESIGN ENGINEER OF RECORD: M.M. AHMED	DATE : 07/22
DRAWN BY : ELR 8/91	REV. 10/1/11 MAA/GM
CHECKED BY : GRP 8/91	REV. 1/15 MAA/TMG
	REV. 12/17 MAA/THC

NO.	REVISIONS			SHEET NO.
	BY:	DATE:	NO.	
1			3	S-17
2			4	TOTAL SHEETS 40