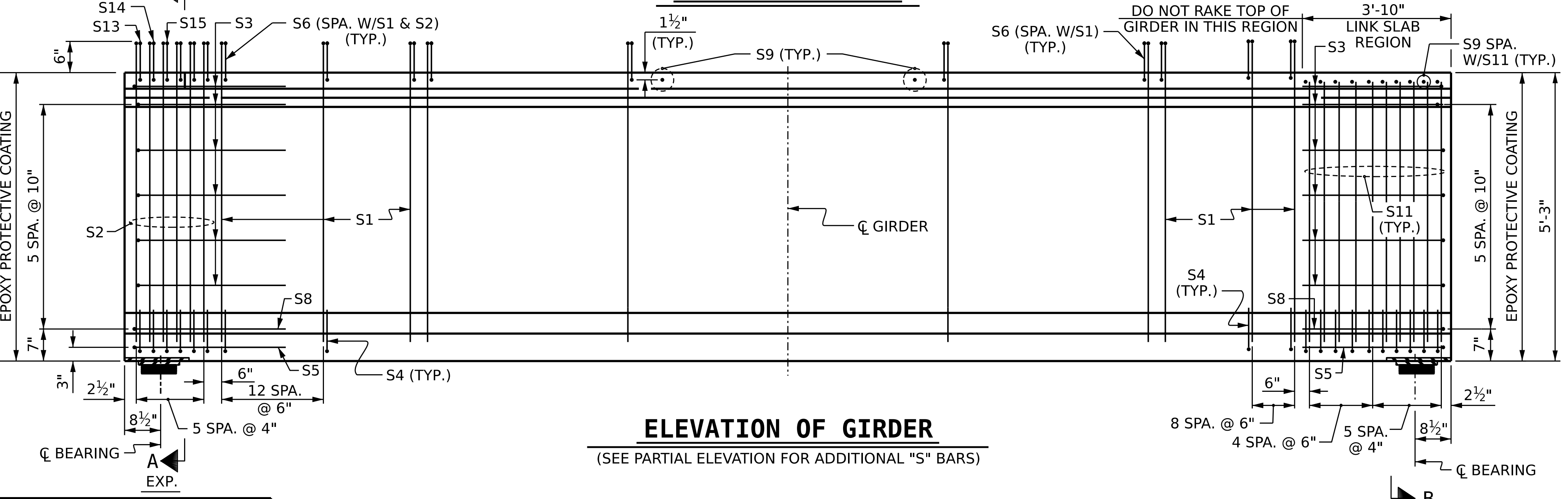
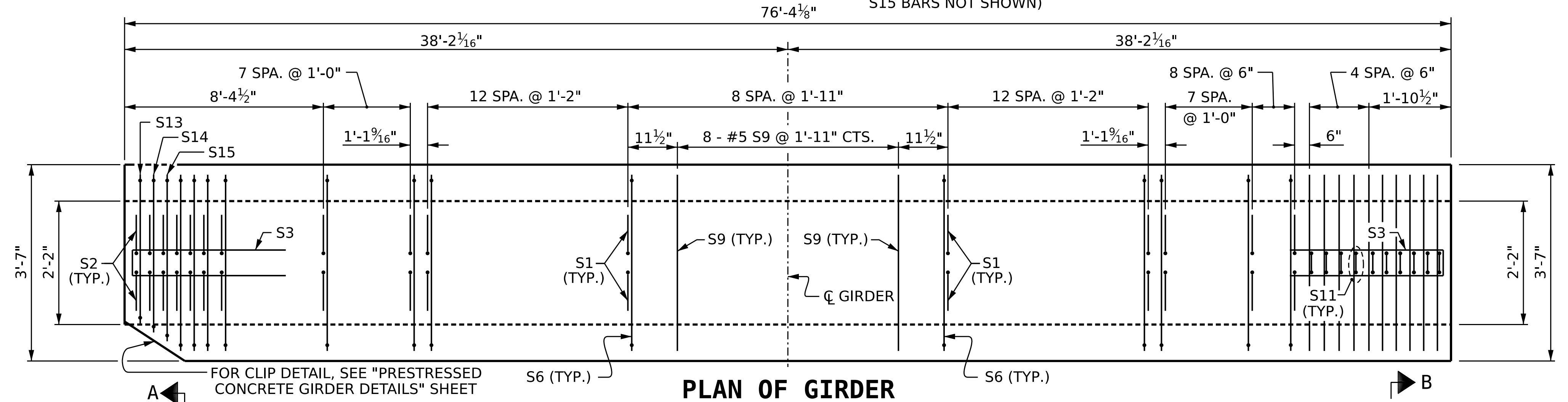
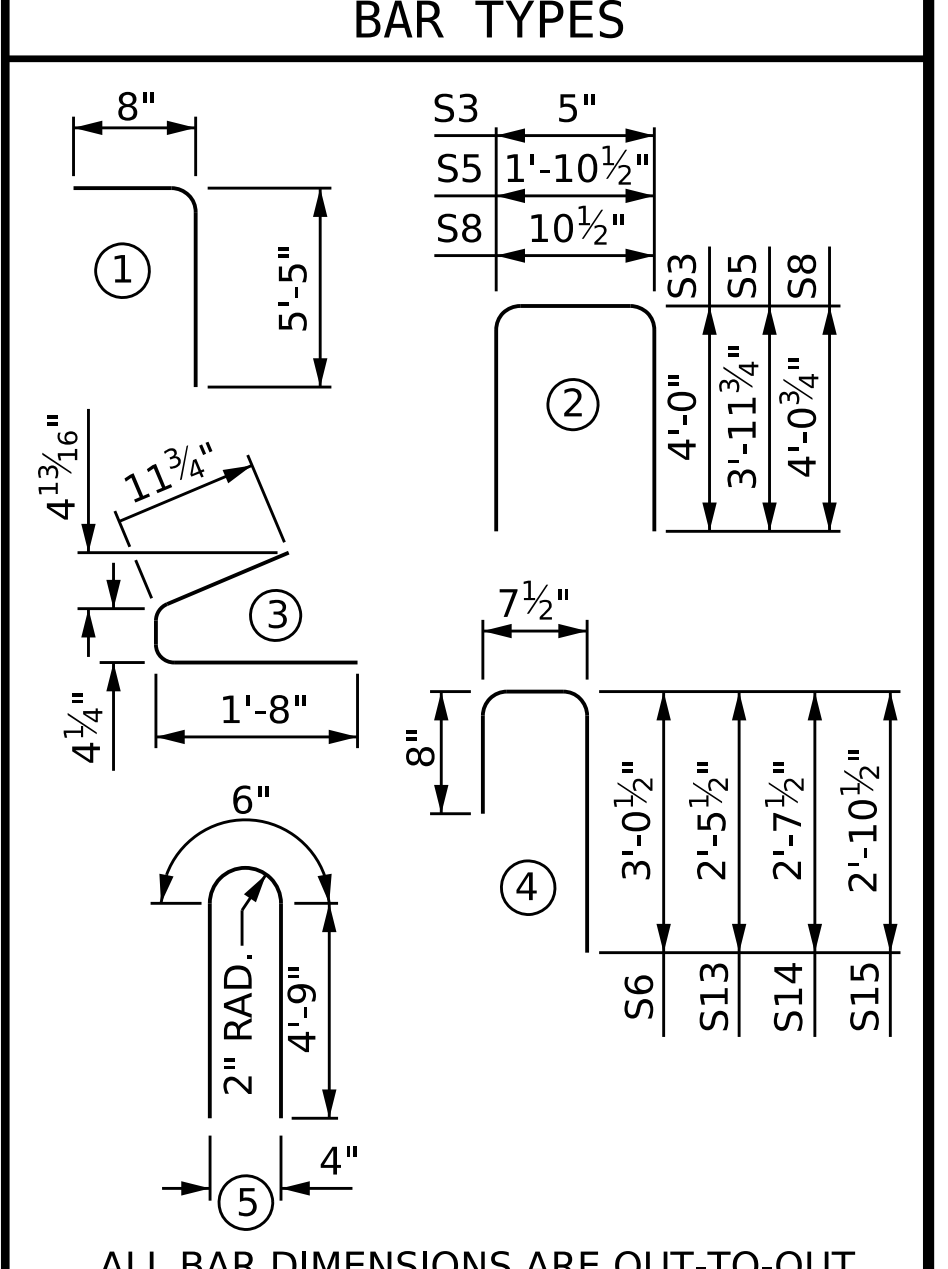


0.6" Ø L.R. GRADE 270 STRANDS

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

REINFORCING STEEL FOR ONE GDR

BAR NUMBER	SIZE	TYPE	LENGTH	WEIGHT
S1	138	#4	1 6'-1"	561
S2	12	#5	1 6'-1"	76
S3	12	#4	2 8'-5"	67
S4	76	#4	3 3'-0"	152
S5	2	#5	2 9'-10"	21
S6	144	#5	4 4'-4"	651
S8	2	#5	2 9'-0"	19
S9	18	#5	STR 3'-3"	61
S11	18	#5	5 10'-0"	188
S12	16	#4	STR 8'-0"	86
S13	14	#5	5 10'-0"	146
S14	8	#4	STR 8'-0"	43
S15	2	#5	4 3'-11"	8
S15	2	#5	4 4'-2"	9



QUANTITIES FOR ONE GIRDER

GIRDERS	REINFORCING STEEL	5000 PSI CONCRETE	0.6" Ø L.R. STRANDS
	LB.	C.Y.	No.
INTERIOR	1,907	15.2	18
EXTERIOR	1,822	15.2	18

GIRDERS REQUIRED

NUMBER	LENGTH	TOTAL LENGTH
4	76'-4 1/8"	305.38

PROJECT NO. **B-5981**
DUPLIN COUNTY
 STATION: **23+56.64 -L-**



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

63" PRESTRESSED CONCRETE MODIFIED BULB TEE LINK SLAB (SPAN A)

ASSEMBLED BY : K. BEARD DATE : 6/21/22
 CHECKED BY : D. SHACKELFORD DATE : 7/11/22
 DRAWN BY : BNB 09/21
 CHECKED BY : AAI 09/21
 DESIGN ENGINEER OF RECORD:
 W.C. SMITH DATE : 3/8/23

REVISIONS

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

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SHEET NO. S1-14
 TOTAL SHEETS 43