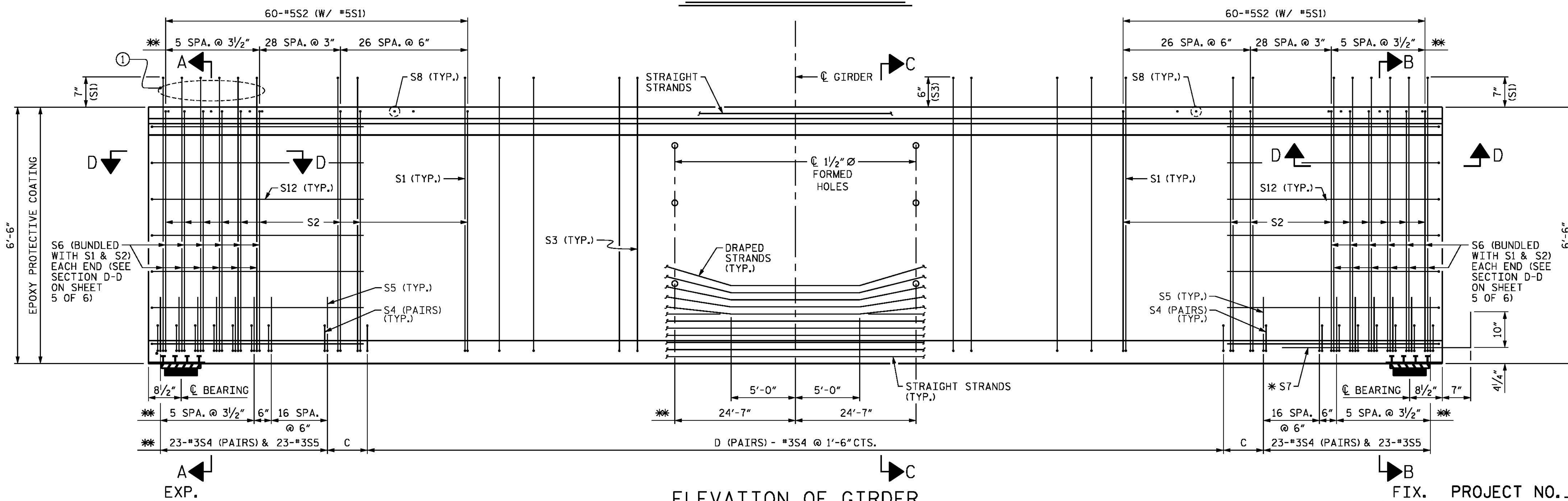


PLAN OF GIRDER



ELEVATION OF GIRDER

PROJECT NO. B-4929
PENDER COUNTY
 STATION: 38+13.81 -L2-

SHEET 1 OF 6

SPANS Q, T AND W GIRDER DIMENSIONS							
GIRDER	L	A	B	C	D	E	F
GDR. Q1, T1 AND W1	146'-3 1/4"	1'-5 5/8"	37	1'-5 5/8"	83	8 1/8"	129
GDR. Q2, T2 AND W2	147'-5 7/8"	1'-3 5/8"	38	1'-3 5/8"	84	9 7/8"	130
GDR. Q3, T3 AND W3	148'-8 1/2"	1'-2 1/4"	39	1'-2 1/4"	85	10 3/4"	131
GDR. Q4, T4 AND W4	149'-11 1/8"	1'-0 9/16"	40	1'-0 9/16"	86	6 1/16"	133
GDR. Q5, T5 AND W5	151'-1 7/8"	10 15/16"	41	10 15/16"	87	7 7/16"	134

NOTES

- SEE PARTIAL ELEVATION ON SHEET 5 OF 6 FOR ADDITIONAL "S" BARS.
- * MEASURED AND SPACED ALONG GIRDER BOTTOM FLANGE. SEE GIRDER LENGTH DETAIL ON "PRESTRESSED CONCRETE GIRDER CONTINUOUS FOR LIVE LOAD DETAILS - F.I.B GIRDERS" SHEET.
- ① ROTATE END "S" BARS SUCH THAT THEY ARE PLACED PARALLEL TO THE END BEVEL WHILE MAINTAINING 2" OF CONCRETE COVER. TAPER SPACING OF ADJACENT "S" BARS SUCH THAT THE CLEAR DISTANCE BETWEEN THE BARS EXCEEDS 1 1/2".
- ALTERNATE DIRECTION OF #5S1, #5S2 AND #5S3 BARS.

PARSONS BRINCKERHOFF
 434 FAYETTEVILLE STREET
 SUITE 1500
 RALEIGH, NC 27601
 LICENSE NO. F-0165

DocuSigned by:
Jason R Doughty
 5/12/16
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STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
F.I.B. 78"
PRESTRESSED
CONCRETE GIRDER
 (SPAN Q, T AND W)

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

TOTAL SHEETS: 278

DESIGNED BY: B. LOFLIN DATE: JAN 2016
 DRAWN BY: M. HOBBS DATE: JAN 2016
 CHECKED BY: J. SHERMAN DATE: FEB 2016
 DESIGN ENGINEER OF RECORD: J. DOUGHTY DATE: MAY 2016

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

5/10/2016 400.175_B4929_SMU_FIB78_05.dgn