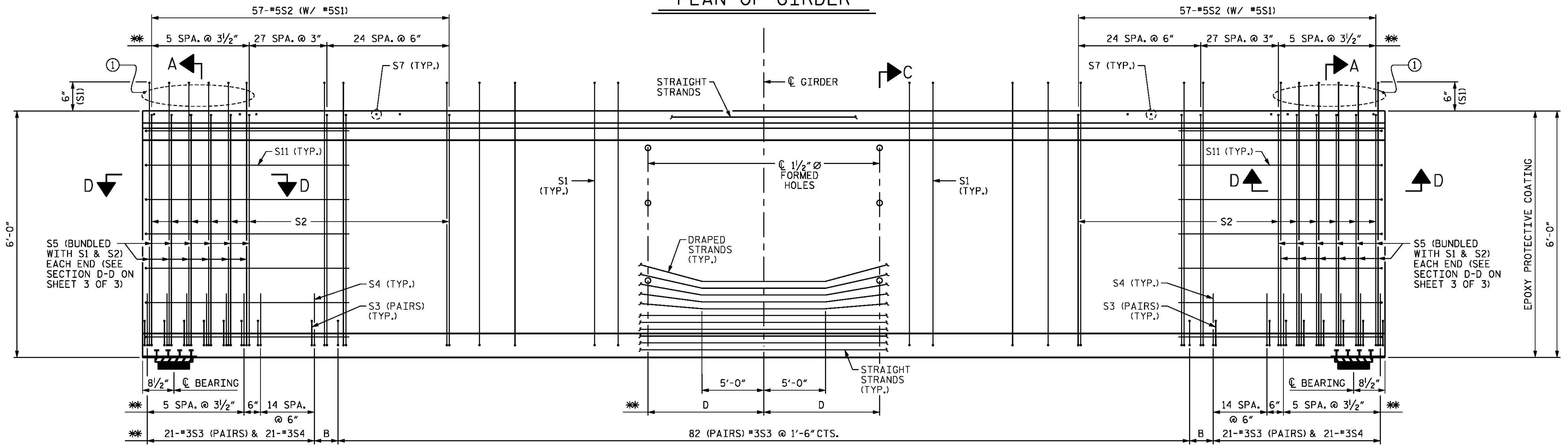


PLAN OF GIRDER



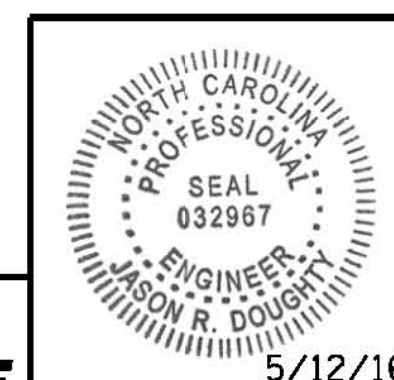
ELEVATION OF GIRDER

SPAN Z GIRDER DIMENSIONS					
GIRDER	L	A	B	C	D
GDR. Z1	140'-9"	11 1/2"	5 1/2"	5"	23'-2 1/16"
GDR. Z2	140'-9 3/8"	11 11/16"	5 1/16"	5 3/16"	23'-2 3/4"
GDR. Z3	140'-10 1/2"	1'-0 1/4"	6 1/4"	5 3/4"	23'-2 7/8"
GDR. Z4	141'-0 3/8"	1'-1 3/16"	7 3/16"	6 11/16"	23'-3 3/16"
GDR. Z5	141'-2 7/8"	1'-2 7/16"	8 7/16"	7 15/16"	23'-3 9/16"
GDR. Z6	141'-6 1/8"	1'-4 1/16"	10 1/16"	9 9/16"	23'-4 1/8"

NOTES

- SEE PARTIAL ELEVATION ON SHEET 3 OF 3 FOR ADDITIONAL "S" BARS.
- * MEASURED AND SPACE 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 1/2".
- ALTERNATE DIRECTION OF #5S1 AND #5S2 BARS.

PROJECT NO. B-4929
PENDER COUNTY
 STATION: 38+13.81 -L2-
 SHEET 2 OF 3



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. 72"
PRESTRESSED
CONCRETE GIRDER
 (SPAN Z)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-83
1			3			TOTAL SHEETS
2			4			278

DESIGNED BY: J. BORUTA DATE: JAN 2016
 DRAWN BY: KEW, MAH DATE: JAN 2016
 CHECKED BY: B. LOFLIN DATE: FEB 2016
 DESIGN ENGINEER OF RECORD: J. DOUGHTY DATE: MAY 2016

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

5/10/2016 400_163_B4929_SMU_FIB72_09.dgn