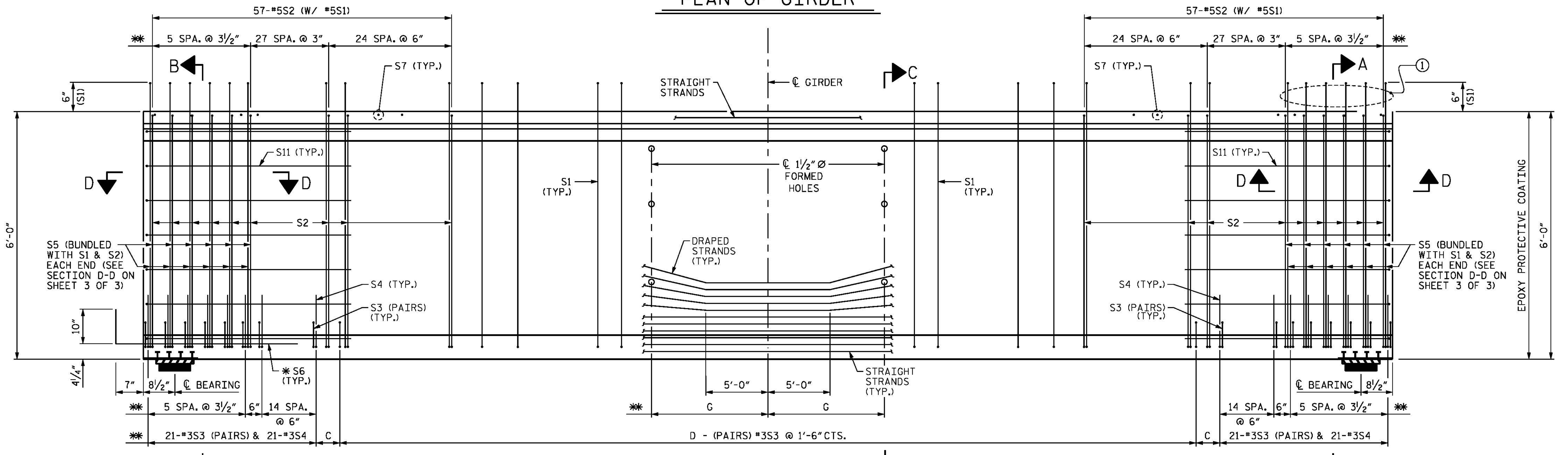


PLAN OF GIRDER



ELEVATION OF GIRDER

SPAN M GIRDER DIMENSIONS								
GIRDER	L	A	B	C	D	E	F	G
GDR. M1	139'-3 1/2"	11 3/4"	36	11 3/4"	81	8 1/4"	122	22'-11 3/4"
GDR. M2	139'-10 3/4"	6 3/8"	37	6 3/8"	82	5 7/8"	123	23'-1"
GDR. M3	140'-6"	10"	37	10"	82	9 1/2"	123	23'-2 3/16"
GDR. M4	141'-1 1/4"	1'-1 5/8"	37	1'-1 5/8"	82	7 1/8"	124	23'-3 3/8"
GDR. M5	141'-8 1/2"	1'-5 1/4"	37	1'-5 1/4"	82	10 3/4"	124	23'-4 3/16"

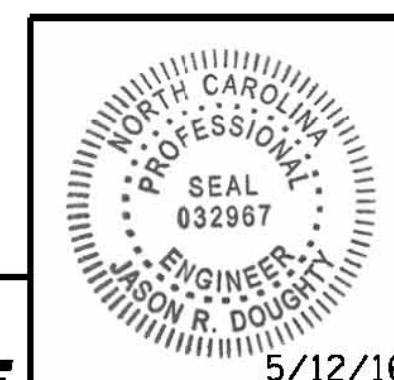
NOTES

- 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 1 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUPERSTRUCTURE  
**F.I.B. 72"**  
 PRESTRESSED  
 CONCRETE GIRDER  
 (SPAN M)



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

DocuSigned by:  
 Jason R. Doughty  
 5/12/16

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-82
1			3			TOTAL SHEETS
2			4			278

**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**

5/10/2016 400.161.B4929\_SMJ.FIB72\_08.dgn

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