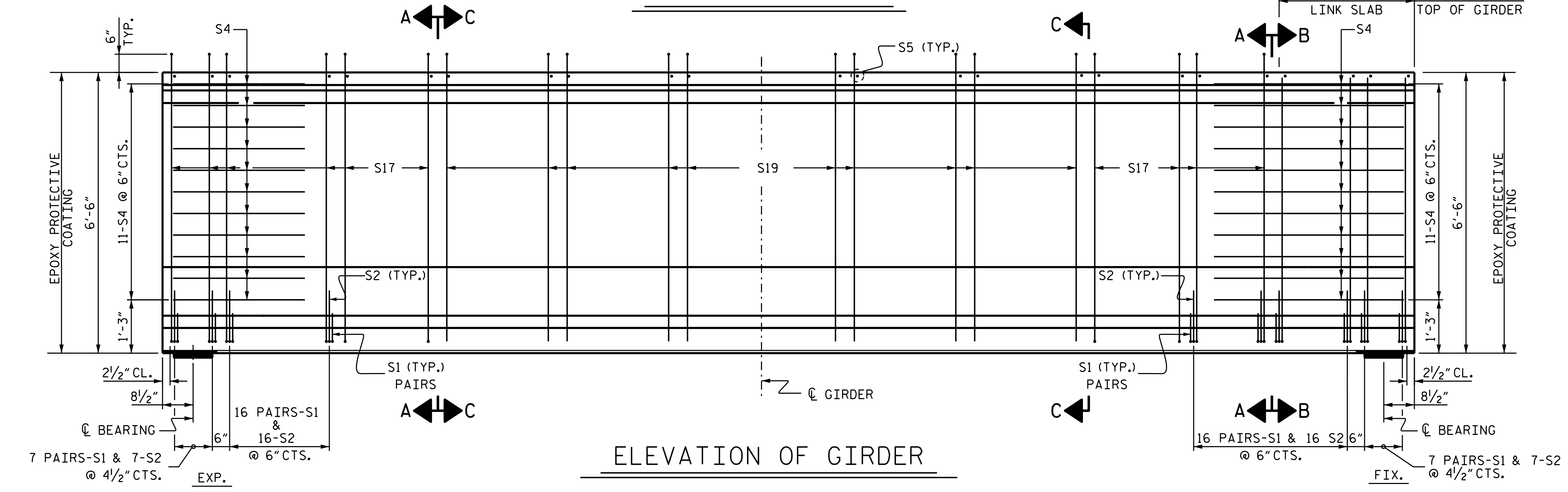


PLAN OF GIRDER



ELEVATION OF GIRDER

0.6" Ø CFRP STRAND LAYOUT

- DEBONDING LEGEND**
- FULLY BONDED STRANDS
 - ▲ STRANDS DEBONDED FOR 6'-0" FROM END OF GIRDER
 - ◆ STRANDS DEBONDED FOR 8'-0" FROM END OF GIRDER
 - ◻ STRANDS DEBONDED FOR 10'-0" FROM END OF GIRDER

GIRDER	6,000 PSI CONCRETE					C.Y.
	A	B	C	D	H	
G1	89'-10 1/8"	44'-11 1/16"	1	105	1'-3 3/16"	25.4
G2	94'-0 3/8"	47'-0 3/16"	5	109	4 1/16"	26.6
G3	98'-2 5/8"	49'-1 1/16"	7	111	11 13/16"	27.8
G4	102'-4 7/8"	51'-2 7/16"	9	113	1'-6 15/16"	29.0
G5	106'-7 1/8"	53'-3 3/16"	13	117	8 1/16"	30.2
I1	108'-0 5/8"	54'-0 5/16"	13	117	1'-4 13/16"	30.6
I2	104'-6"	52'-3"	11	115	1'-1 1/2"	29.6
I3	100'-11 1/2"	50'-5 3/4"	9	113	10 1/4"	28.6
I4	97'-4 7/8"	48'-8 7/16"	7	111	6 15/16"	27.6
I5	93'-10 1/4"	46'-11 1/8"	5	109	3 5/8"	26.6

PROJECT NO. B-4863
 CARTERET COUNTY
 STATION: 34+75.00 -L-

SHEET 14 OF 17

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 78" CFRP F.I.B.
 PRESTRESSED CONCRETE GIRDER
 (CFRP STIRRUP OPTION)
 SPANS G & I



DocuSigned by:
 Ahmad Ighwar
 48848044C5554889
 3/9/2020

DRAWN BY: A. A. IGHWAIR DATE: 01-20
 CHECKED BY: B.N.BARODAWALA DATE: 01-20
 DESIGN ENGINEER OF RECORD: A. A. IGHWAIR DATE: 01-20

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

REVISIONS						SHEET NO. S1-074
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 194
2			4			