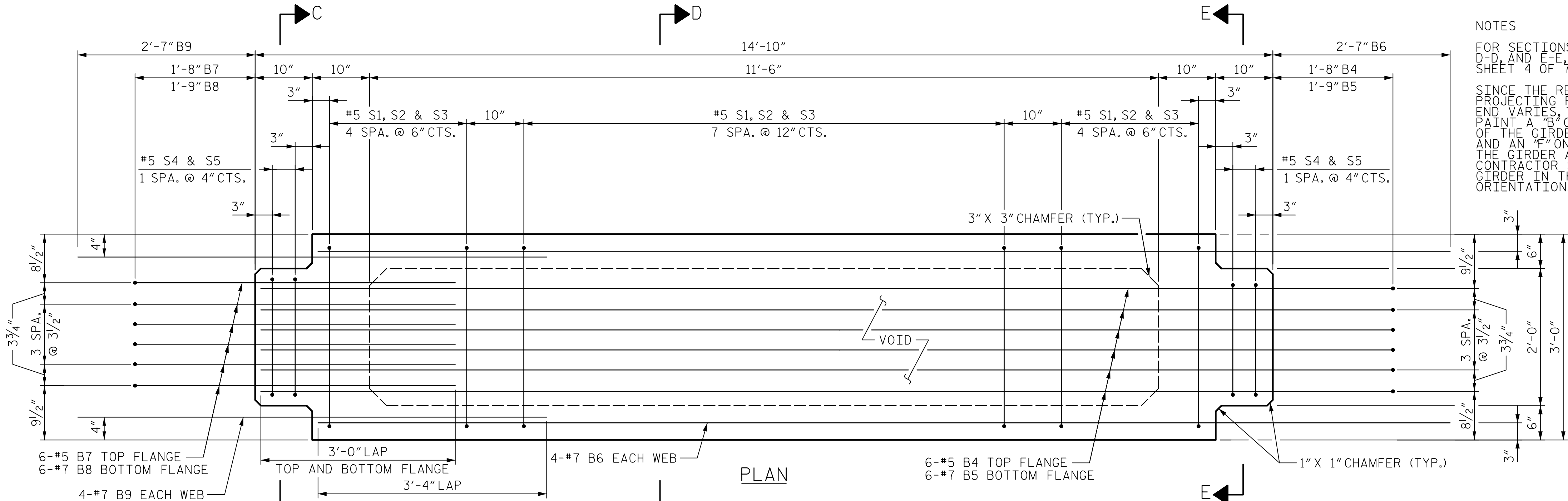


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NOTES

FOR SECTIONS C-C,
D-D AND E-E SEE
SHEET 4 OF 7.

SINCE THE REINFORCEMENT
PROJECTING FROM EACH GIRDER
END VARIES, THE CONTRACTOR SHALL
PAINT A "B" ON EACH SIDE FACE
OF THE GIRDER AT THE BACK END
AND AN "F" ON EACH SIDE FACE OF
THE GIRDER AT THE FORWARD END.
CONTRACTOR SHALL ERECT EACH
GIRDER IN THE APPROPRIATE
ORIENTATION.

REINFORCING STEEL FOR ONE GIRDER

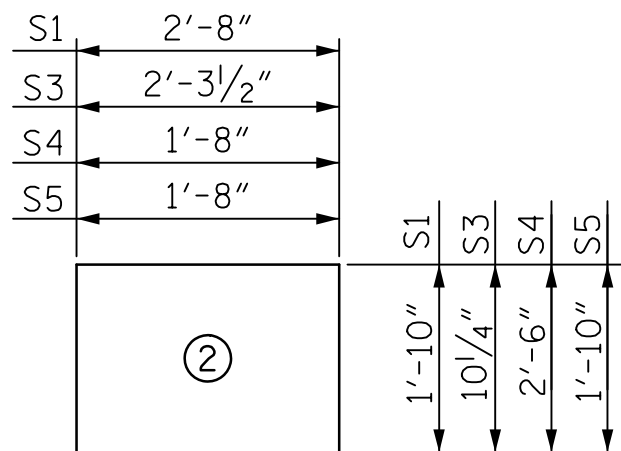
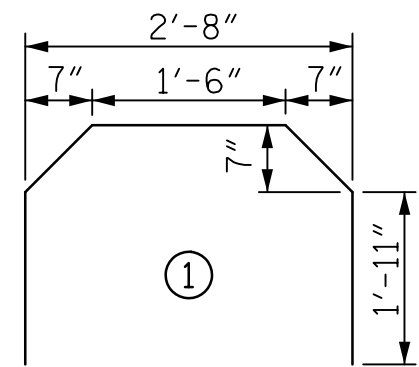
BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
* B4	6	#5	STR	17'-2"	107
* B5	6	#7	STR	17'-7"	216
B6	8	#7	STR	16'-5"	268
* B7	6	#5	STR	5'-8"	35
* B8	6	#7	STR	6'-1"	75
B9	8	#7	STR	6'-11"	113

S1	36	#5	2	6'-4"	238
S2	18	#5	1	7'-0"	131
S3	18	#5	2	4'-0"	75
S4	4	#5	2	6'-8"	28
S5	4	#5	2	5'-4"	22

* B4, B5, B7 AND B8 BARS SHALL BE BENT
BEFORE SHIPMENT. HEAT BENDING SHALL NOT
BE ALLOWED.

BAR TYPES

ALL BAR DIMENSIONS ARE OUT-TO-OUT



QUANTITIES FOR ONE GIRDER

	REINFORCING STEEL	5000 PSI CONCRETE
	LB.	C.Y.
PER GIRDER	1308	2.5

GIRDERS REQUIRED

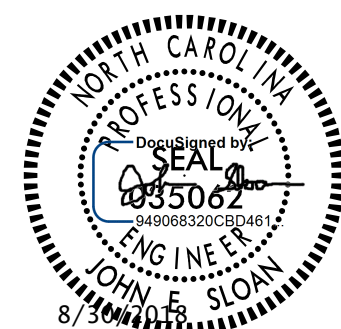
	NUMBER	LENGTH	TOTAL LENGTH
SPAN C	40	14'-10"	593'-4"
SPAN D	40	14'-10"	593'-4"
SPAN E	40	14'-10"	593'-4"
SPAN F	40	14'-10"	593'-4"

PROJECT NO. B-4974

STANLY/MONTGOMERY COUNTY

STATION: 339+86.39 -L-

SHEET 2 OF 7



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

3'-0" X 2'-3"
REINFORCED CONCRETE
BOX GIRDER
SPANS C, D, E, & F

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.
1			3			S-32
2			4			TOTAL SHEETS 148

DRAWN BY : N. BROWN DATE : 4/2018
CHECKED BY : J. SLOAN DATE : 4/2018
DESIGNED BY : K. DONALD DATE : 1/2018
DESIGN CHECKED BY : N. BROWN DATE : 2/2018

FIXED, SPliced
BACK END

SPANDREL SPANS 2 THROUGH 11 GIRDERS

FIXED, SPliced
FORWARD END

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED