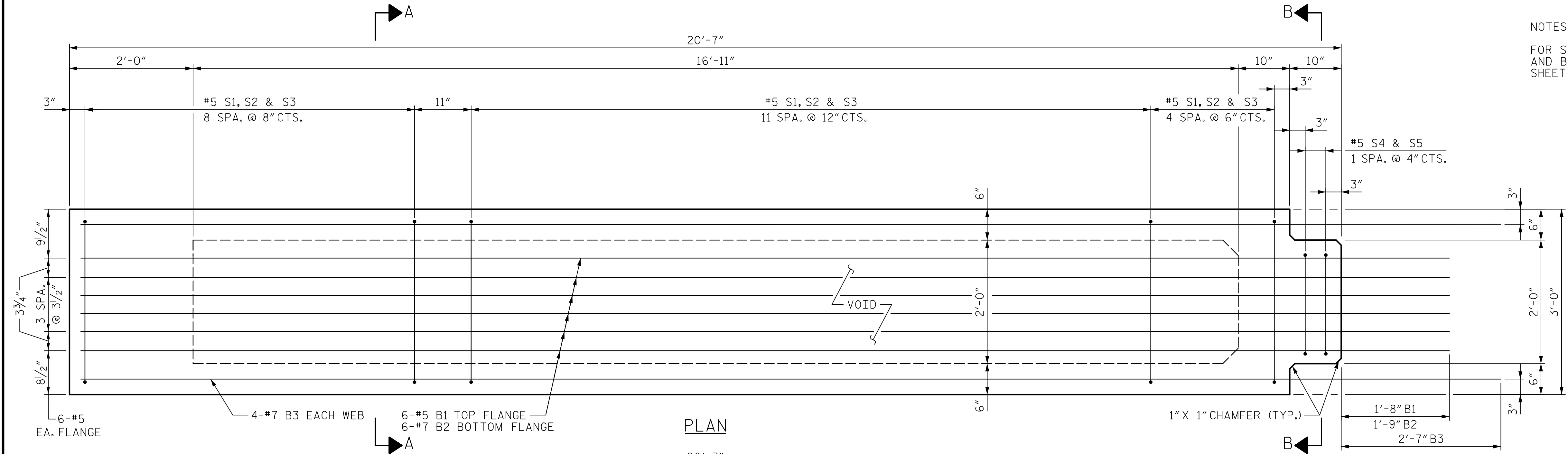
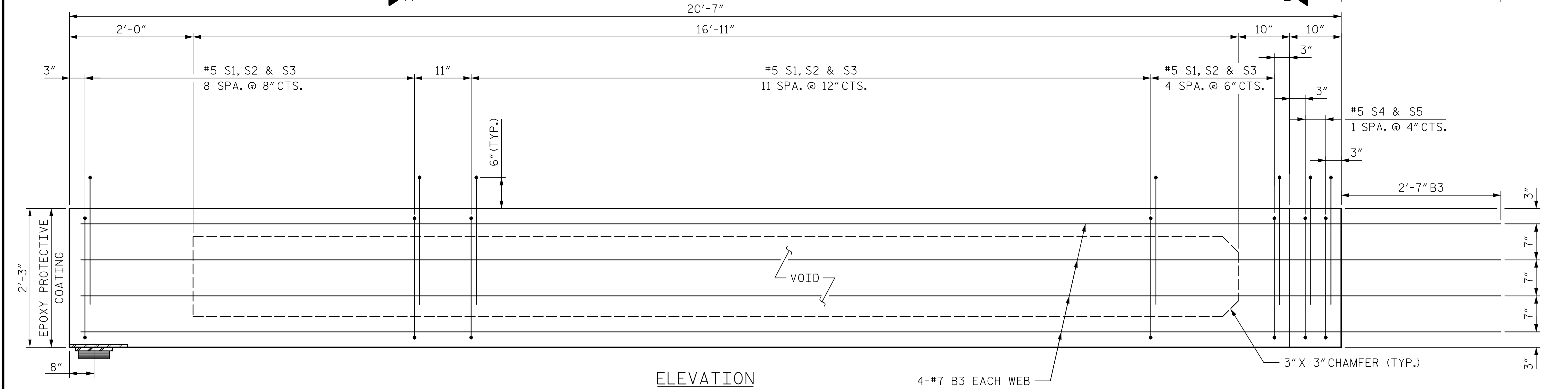


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TIME: 3:05:07 PM

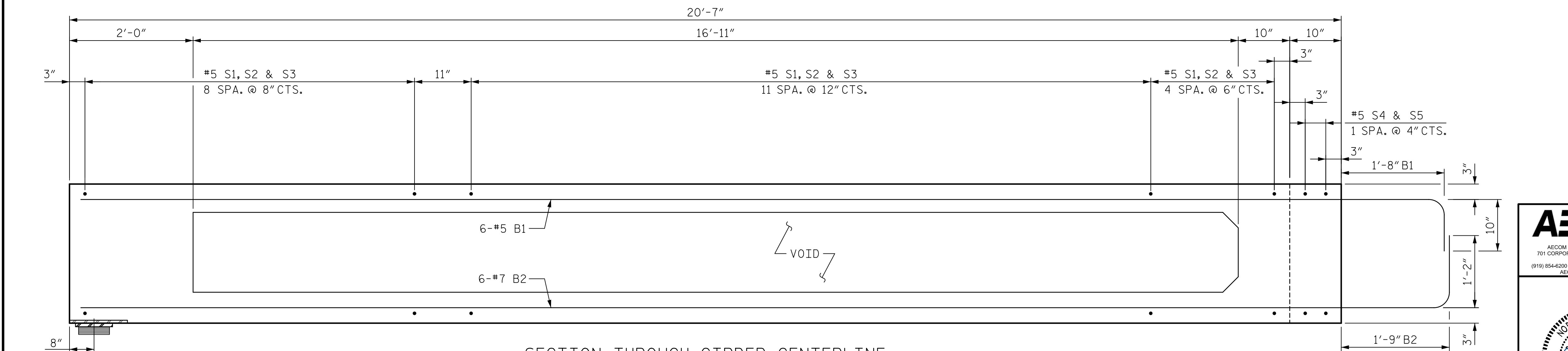
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PLAN



ELEVATION



SECTION THROUGH GIRDER CENTERLINE

EXPANSION

FIXED, SPLICED

NOTES
FOR SECTIONS A-A
AND B-B, SEE
SHEET 4 OF 7.

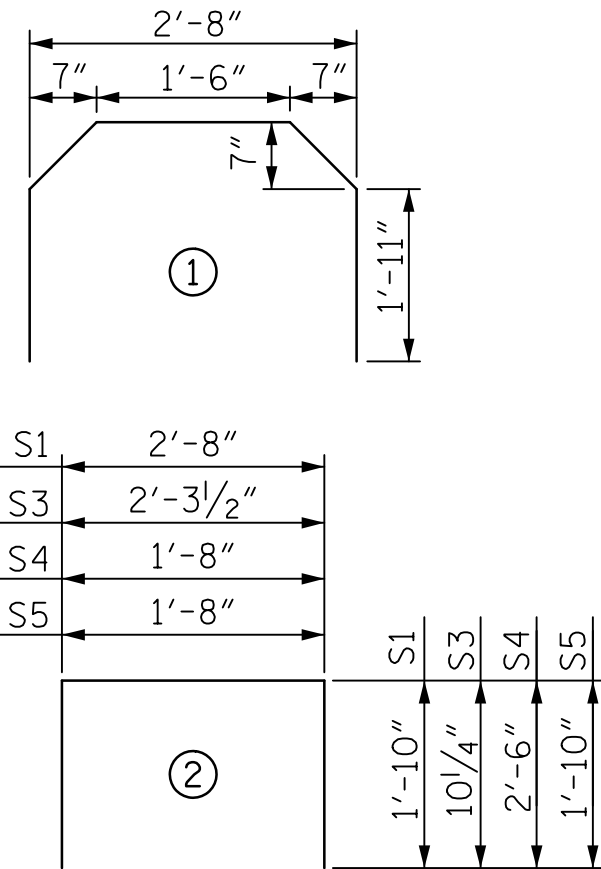
REINFORCING STEEL
FOR ONE GIRDER

BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
* B1	6	#5	STR	22'-11"	143
* B2	6	#7	STR	23'-4"	286
B3	8	#7	STR	23'-0"	376
S1	50	#5	2	6'-4"	330
S2	25	#5	1	7'-0"	183
S3	25	#5	2	4'-0"	104
S4	2	#5	2	6'-8"	14
S5	2	#5	2	5'-4"	11

* B1 AND B2 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

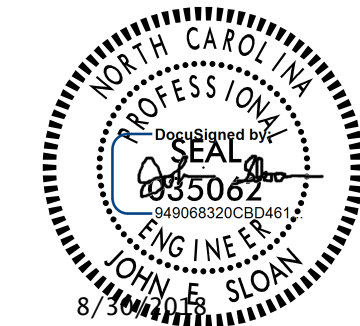
	REINFORCING STEEL LB.	5000 PSI CONCRETE C.Y.
PER GIRDER	1447	3.5

GIRDERS REQUIRED

	NUMBER	LENGTH	TOTAL LENGTH
SPAN C	4	20'-7"	82'-4"
SPAN D	4	20'-7"	82'-4"
SPAN E	4	20'-7"	82'-4"
SPAN F	4	20'-7"	82'-4"

PROJECT NO. B-4974
STANLY/MONTGOMERY COUNTY
STATION: 339+86.39 -L-

SHEET 1 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-31
2			4			TOTAL SHEETS 148

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED