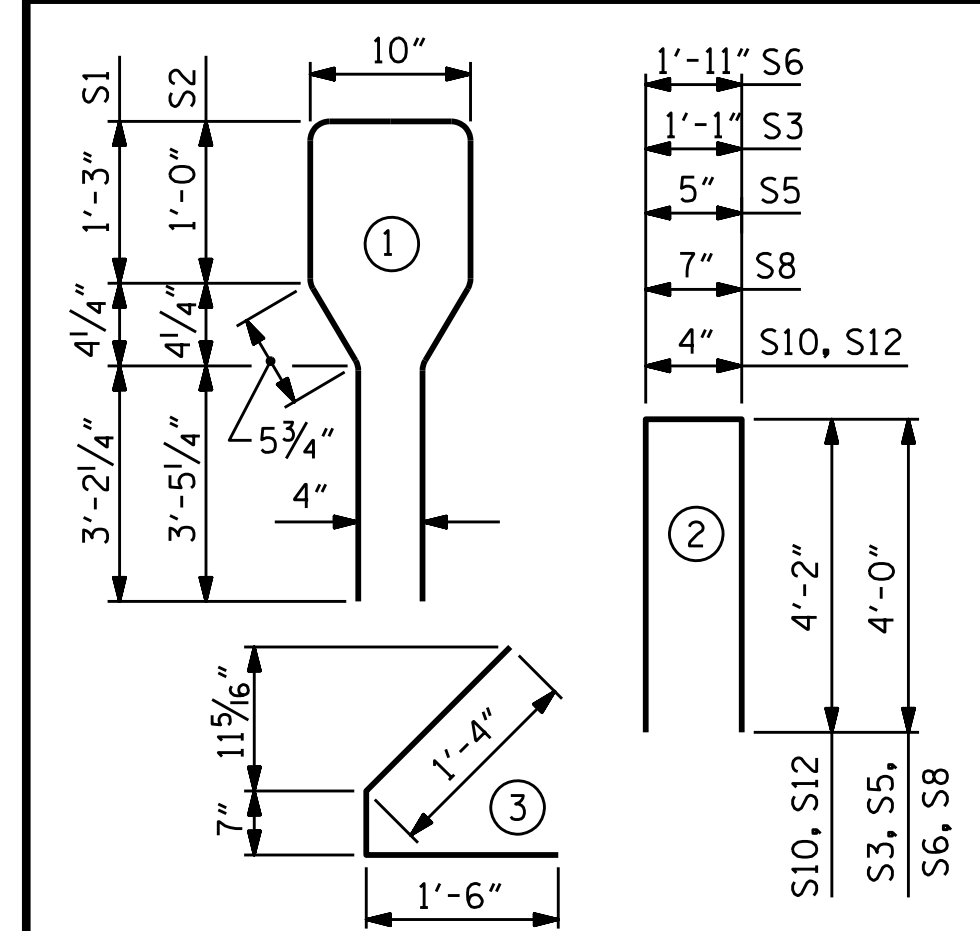


0.6" Ø L. R. GRADE 270 STRANDS		
AREA (SQUARE INCHES)	ULTIMATE STRENGTH (LBS. PER STRAND)	APPLIED PRESTRESS (LBS. PER STRAND)
0.217	58,600	43,950

REINFORCING STEEL FOR ONE GIRDER							
SPAN	BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT	
SPAN A	S1	34	#4	1	10'-8"	242	
	S1	31	#4	1	10'-8"	221	
SPAN C	S2	6	#6	1	10'-8"	96	
	S3	4	#4	2	9'-1"	24	
	S4	64	#4	3	3'-5"	146	
	S5	6	#4	2	8'-5"	34	
	S6	1	#4	2	9'-11"	7	
	*S7	12	#5	STR	3'-8"	46	
	S8	4	#4	2	8'-7"	23	
	S9	1	#3	STR	1'-10"	1	
	SPAN A	S10	2	#5	2	8'-8"	18
	SPAN A	S11	5	#4	STR	7'-0"	23
	S12	6	#6	2	8'-8"	78	
	S13	1	#3	STR	1'-4"	1	

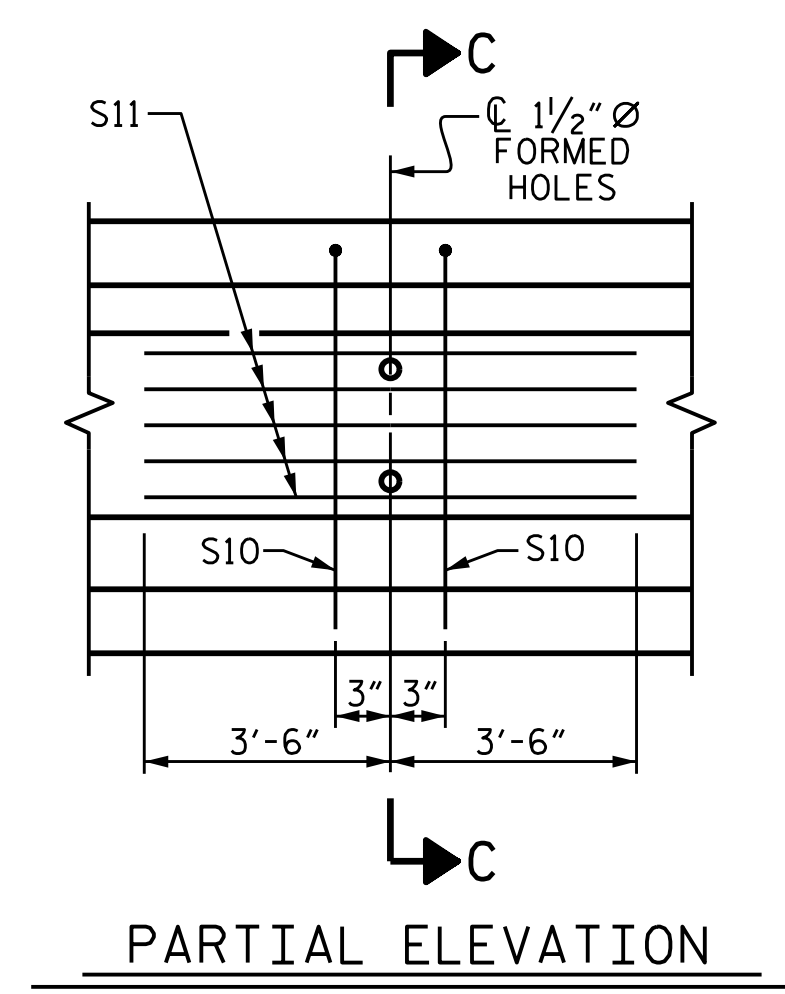
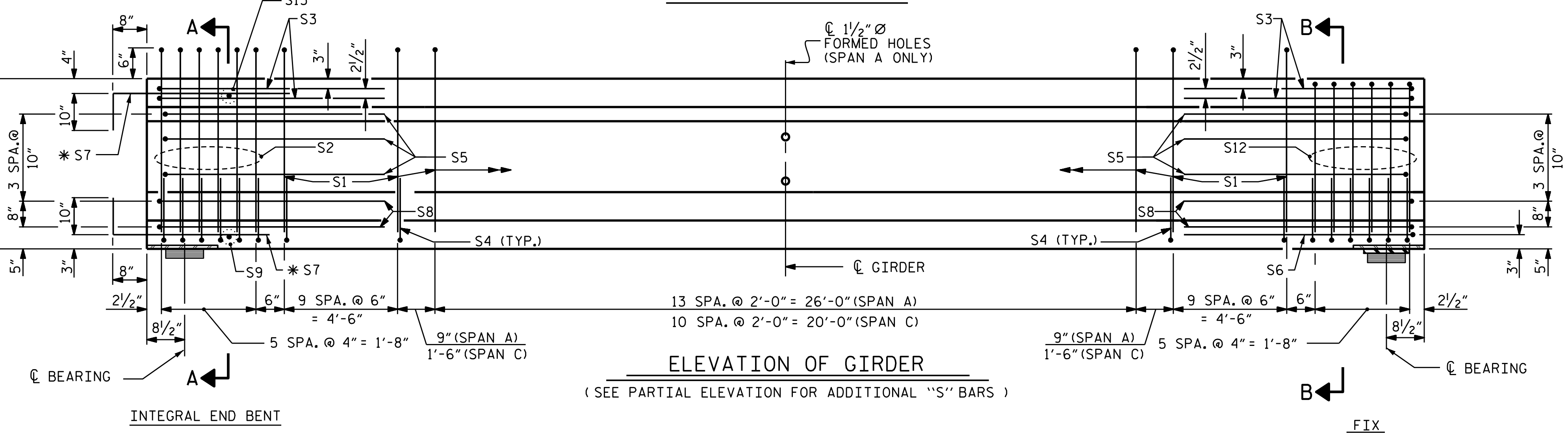
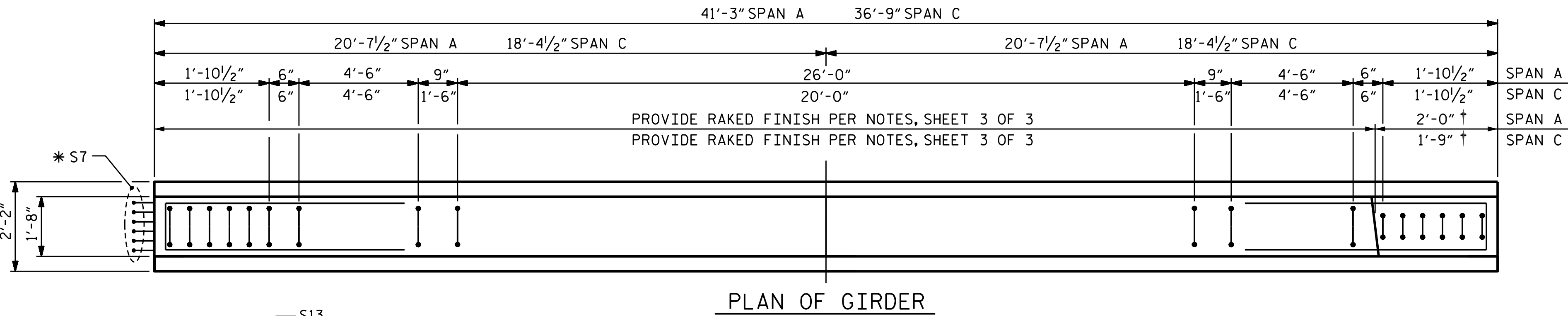
* NOTE: S7 BARS SHALL BE BENT BEFORE SHIPMENT. HEAT BENDING SHALL NOT BE ALLOWED.

BAR TYPES
ALL BAR DIMENSIONS ARE OUT-TO-OUT



QUANTITIES FOR ONE GIRDER			
	REINFORCING STEEL	5000 PSI CONCRETE	0.6" Ø L. R. STRANDS
	LB.	C.Y.	No.
SPAN A	739	8.4	12
SPAN C	677	7.5	12

GIRDERS REQUIRED		
NUMBER	LENGTH	TOTAL LENGTH
SPAN A	4	41'-3"
SPAN C	4	36'-9"
		165'-0"
		147'-0"



KCI JOB NO: 251801945.22

DESIGNED BY: [Signature] DATE: 2/16/2021

ASSEMBLED BY: A. K. ALLANKI DATE: 08/30/19

CHECKED BY: R. C. LARSON DATE: 12/27/19

DRAWN BY: ELR 8/91 MAA/GM

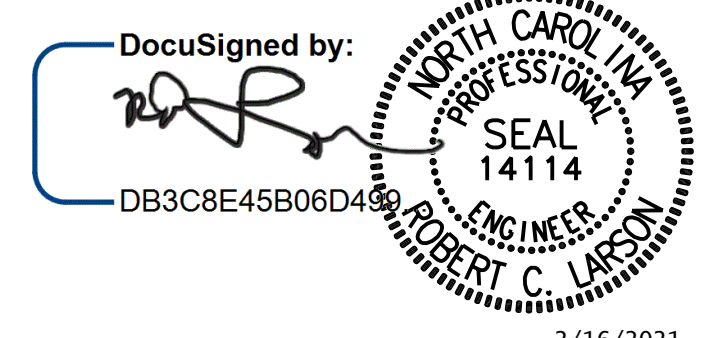
CHECKED BY: GRP 8/91 REV. 1/15 MAA/TMG

REV. 10/1/11 MAA/THC

REV. 12/17

† PROVIDE A SMOOTH TROWEL FINISH TO TOP OF GIRDER IN THESE AREAS TO PREVENT BOND WITH LINK SLAB

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PROJECT NO. B-5666

WILSON COUNTY

STATION: 17+37.36 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD AASHTO TYPE IV PRESTRESSED CONCRETE GIRDER

SPAN A & C

REVISIONS						SHEET NO. S-9
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 30
2			4			