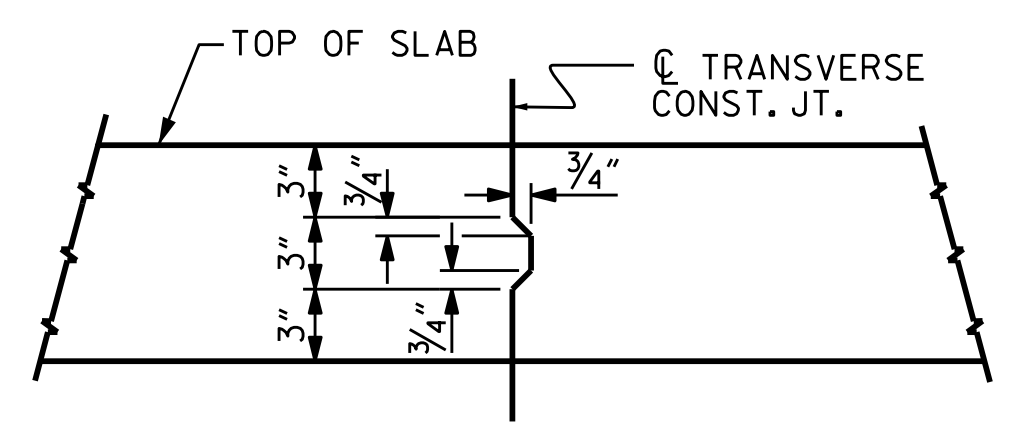


GROOVING BRIDGE FLOORS		
APPROACH SLABS	822	SO.FT.
BRIDGE DECK	10,107	SO.FT.
TOTAL	10,929	SO.FT.

—SUPERSTRUCTURE BILL OF MATERIAL—			
	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR #1	333.4	—	—
POUR #2	63.6	—	—
POUR #3	51.8	—	—
TOTALS**	448.8	45,574	42,989

\*\*QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED



TRANSVERSE CONSTRUCTION JOINT DETAIL

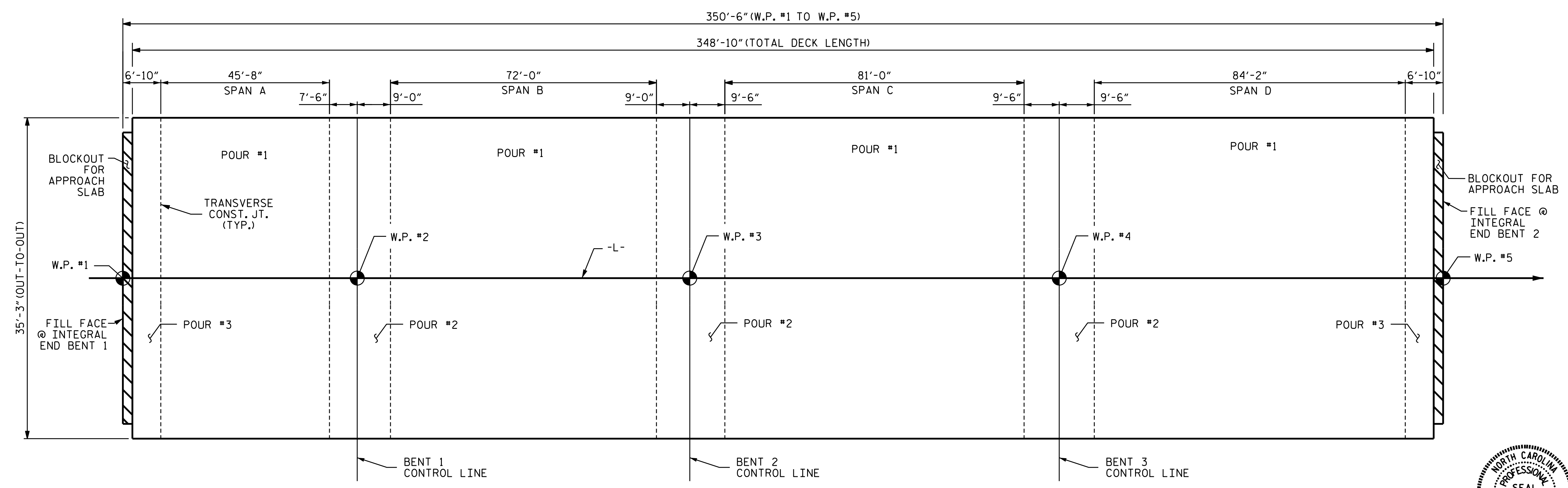
NOTE: REINFORCING STEEL IN SLAB NOT SHOWN. LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THROUGH JOINT.

SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPETS, AND BARRIER RAILS		APPROACH SLABS		PARAPETS AND BARRIER RAILS
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	2'-0"	1'-7"	1'-11"	1'-7"	2'-6"
#5	2'-5"	2'-2"	2'-5"	2'-0"	3'-1"
#6	3'-0"	2'-5"	3'-7"	2'-5"	3'-8"
#7	4'-2"	2'-9"			
#8	4'-9"	3'-2"			

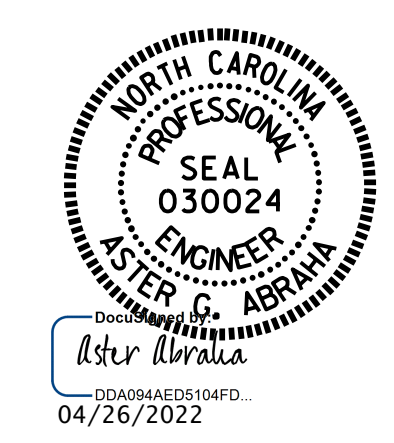
BAR TYPES		REINFORCING BAR SCHEDULE				
		— SPANS "A-B-C-D" —				
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
*A1	697	#5	STR.	34'-10"	25,323	
A2	697	#5	STR.	34'-10"	25,323	
B1	308	#5	STR.	51'-8"	16,598	
*B2	71	#6	STR.	11'-10"	1,262	
*B3	36	#4	STR.	28'-2"	677	
*B4	36	#5	STR.	55'-0"	2,065	
*B5	35	#5	STR.	21'-4"	779	
*B6	36	#4	STR.	30'-0"	721	
*B7	72	#5	STR.	17'-8"	1,327	
*B8	36	#5	STR.	52'-4"	1,965	
*B9	35	#5	STR.	23'-4"	852	
*B10	36	#4	STR.	34'-0"	818	
*B11	36	#5	STR.	55'-4"	2,078	
*B12	35	#5	STR.	23'-10"	870	
*B13	72	#4	STR.	25'-4"	1,218	
*B14	71	#6	STR.	19'-10"	2,115	
B15	39	#5	STR.	21'-4"	868	
B16	39	#5	STR.	23'-4"	949	
B17	39	#5	STR.	23'-10"	970	
K1	10	#4	STR.	34'-9"	232	
K2	6	#4	STR.	7'-0"	28	
K3	6	#4	STR.	8'-1"	32	
K4	12	#4	STR.	8'-6"	68	
K5	6	#4	STR.	7'-6"	30	
K6	4	#4	STR.	1'-11"	5	
K7	4	#4	STR.	2'-4"	6	
K8	8	#4	STR.	2'-8"	14	
K9	4	#4	STR.	2'-2"	6	
*S1	62	#4	1	10'-3"	425	
*S2	62	#4	1	11'-11"	494	
U1	62	#4	2	10'-9"	445	
REINFORCING STEEL					45,574 LBS.	
* EPOXY COATED REINFORCING STEEL					42,989 LBS.	

ALL BAR DIMENSIONS ARE OUT TO OUT



POURING SEQUENCE AND LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. FT. = 12,297)

PROJECT NO. B-5694  
BLADEN COUNTY  
STATION: 21+85.10 -L-



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

**SUPERSTRUCTURE BILL OF MATERIAL**

DRAWN BY: A. Y. GODFREY DATE: 07/2020  
CHECKED BY: S. WANCE DATE: 09/2020  
DESIGN ENGINEER OF RECORD: M. M. AHMED DATE: 08/2019

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-23
1			3			TOTAL SHEETS 37
2			4			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED