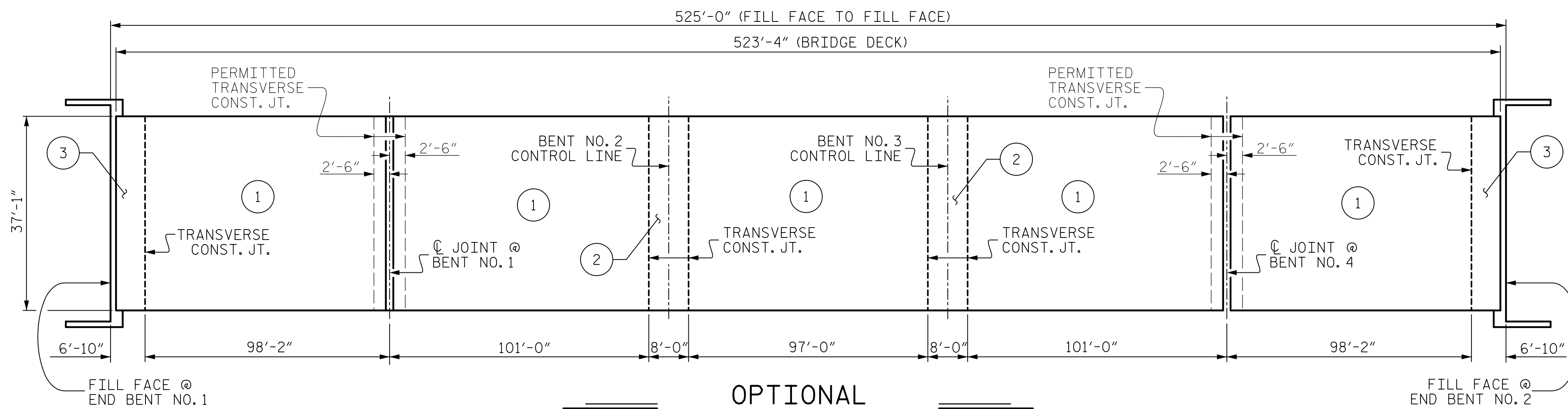


**POURING SEQUENCE AND LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB**

(TOTAL = 19,469 SQ. FT.)



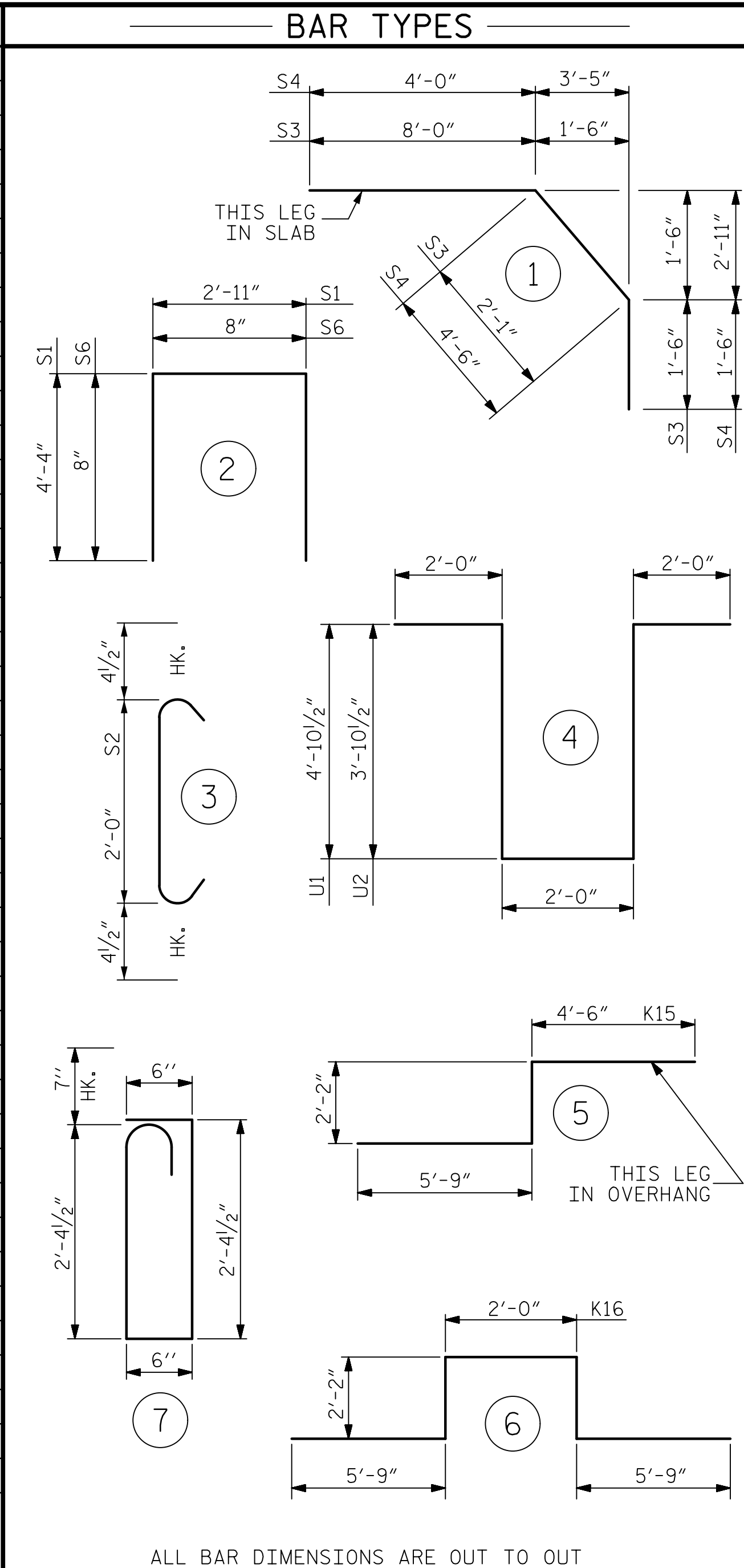
**OPTIONAL POURING SEQUENCE**

POURS ② AND ③ SHALL NOT BE STARTED UNTIL BOTH ADJACENT POUR ① REACH A MINIMUM OF 3000 PSI.

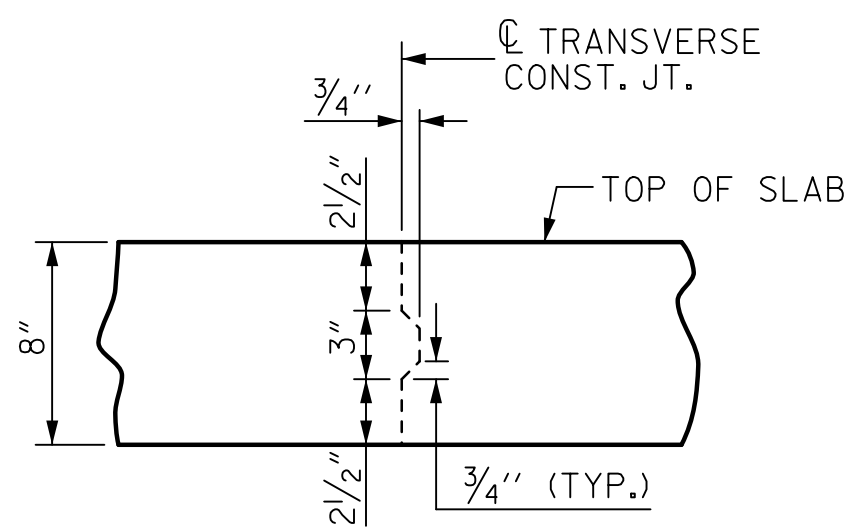
**BILL OF MATERIAL**

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
* A1	1046	#5 STR	36'-9"	40,093	
A2	1046	#5 STR	36'-9"	40,093	
B1	176	#5 STR	52'-11"	9,714	
* B2	198	#5 STR	20'-10"	4,302	
* B3	162	#4 STR	29'-7"	3,201	
B4	264	#5 STR	54'-2"	14,915	
* B5	108	#4 STR	36'-4"	2,621	
* B6	102	#5 STR	28'-6"	3,032	
* B7	102	#5 STR	47'-0"	5,000	
* B8	96	#5 STR	31'-6"	3,154	
* B9	27	#4 STR	35'-10"	646	
G1	4	#5 STR	36'-9"	224	
K1	10	#4 STR	36'-9"	245	
K2	8	#4 STR	4'-11"	26	
K3	8	#4 STR	5'-11"	32	
K4	16	#4 STR	6'-5"	69	
K5	8	#4 STR	5'-5"	29	
K6	4	#4 STR	2'-3"	6	
K7	4	#4 STR	2'-9"	7	
K8	8	#4 STR	3'-0"	16	
K9	4	#4 STR	2'-6"	7	
K10	16	#4 STR	3'-9"	40	
K11	16	#4 STR	5'-11"	63	
K12	32	#4 STR	6'-5"	137	
K13	16	#4 STR	5'-5"	58	
K14	10	#4 STR	29'-8"	198	
K15	16	#8	5	530	
K16	24	#8	6	1,143	
S1	60	#4	2	11'-7"	464
S2	176	#4	3	2'-9"	323
* S3	60	#4	1	11'-7"	464
* S4	56	#4	1	10'-0"	374
* S5	96	#5	7	6'-4"	634
* S6	96	#4	2	2'-0"	128
U1	32	#4	4	15'-9"	337
U2	16	#4	4	13'-9"	147

REINFORCING STEEL 68,823 LBS.  
\* EPOXY COATED REINF. STEEL 63,649 LBS.



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DATE: 04/06 PM on Monday, February 08, 2021



**TRANSVERSE CONSTRUCTION JOINT DETAIL**

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

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

BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	1'-11"	1'-7"	1'-11"	1'-7"	2'-6"
#5	2'-5"	2'-0"	2'-5"	2'-0"	3'-1"
#6	2'-10"	2'-5"	3'-7"	2'-5"	3'-8"
#7	4'-2"	2'-9"			
#8	4'-9"	3'-2"			

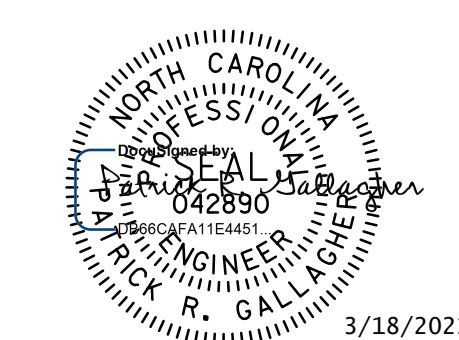
**SUPERSTRUCTURE BILL OF MATERIAL**

	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	109.8	—	—
POUR 2	24.7	—	—
POUR 3	137.5	—	—
POUR 4	126.8	—	—
POUR 5	108.6	—	—
POUR 6	109.8	—	—
POUR 7	24.7	—	—
TOTALS**	641.9	68,823	63,649

\*\* QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

**GROOVING BRIDGE FLOORS**

APPROACH SLABS	1,491	SQ.FT.
BRIDGE DECK	16,095	SQ.FT.
TOTAL	17,586	SQ.FT.



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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PROJECT NO. B-4407  
ANSON/STANLY COUNTY  
STATION: 32+31.61 -L-

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
**STANDARD SUPERSTRUCTURE BILL OF MATERIAL**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-28
1			3			TOTAL SHEETS 45
2			4			

DRAWN BY : JMB	5/87	REV. 10/1/11	MAA/GM
CHECKED BY : SJD	9/87	REV. 12/17	MAA/THC
		REV. 06/19	BNB/THC