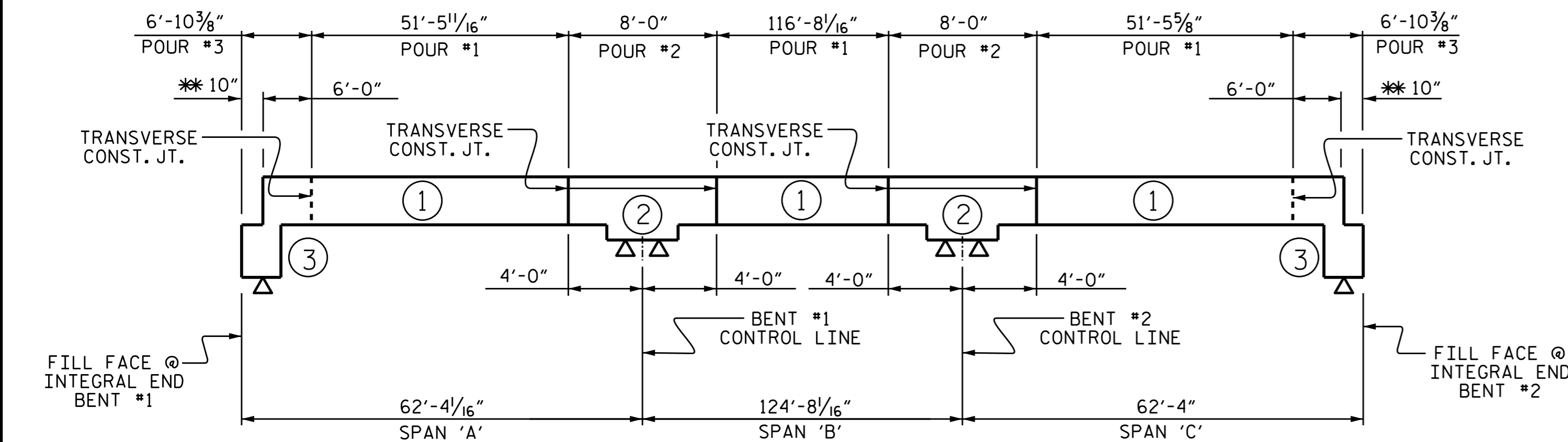


**POURING SEQUENCE**

\*\* THESE DIMENSIONS ARE NORMAL TO CAP.



**OPTIONAL POURING SEQUENCE**

POUR #2 CANNOT BE STARTED UNTIL BOTH ADJACENT POUR #1 REACH A MINIMUM OF 3000 P.S.I.

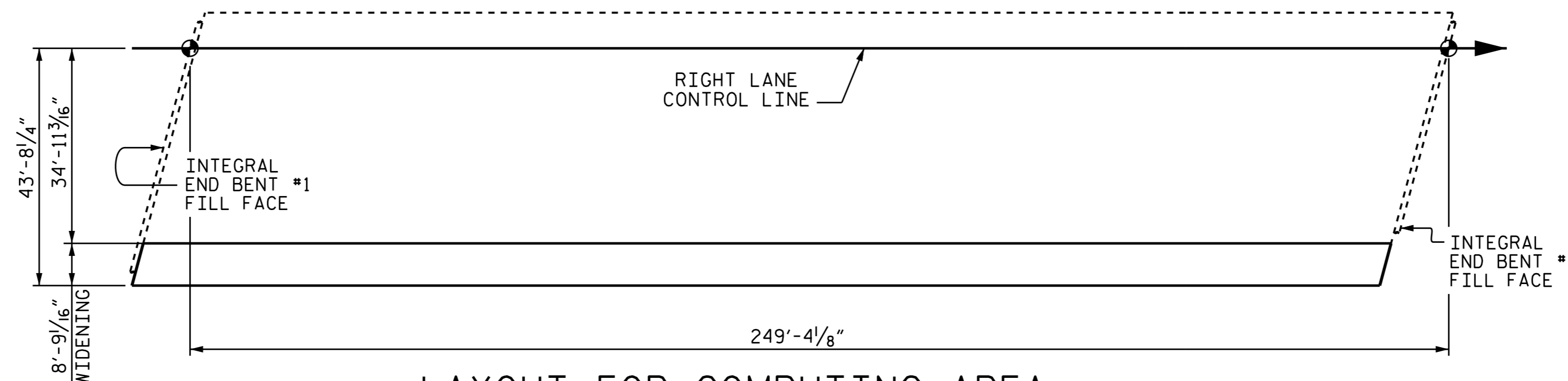
\*\* THESE DIMENSIONS ARE NORMAL TO JOINT.

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 RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	2'-0"	1'-9"	2'-0"	1'-9"	2'-9"
#5	2'-6"	2'-2"	2'-6"	2'-2"	3'-5"
#6	3'-0"	2'-7"	3'-10"	2'-7"	4'-4"
#7	5'-3"	3'-6"			
#8	6'-10"	4'-7"			

**GROOVING BRIDGE FLOORS**

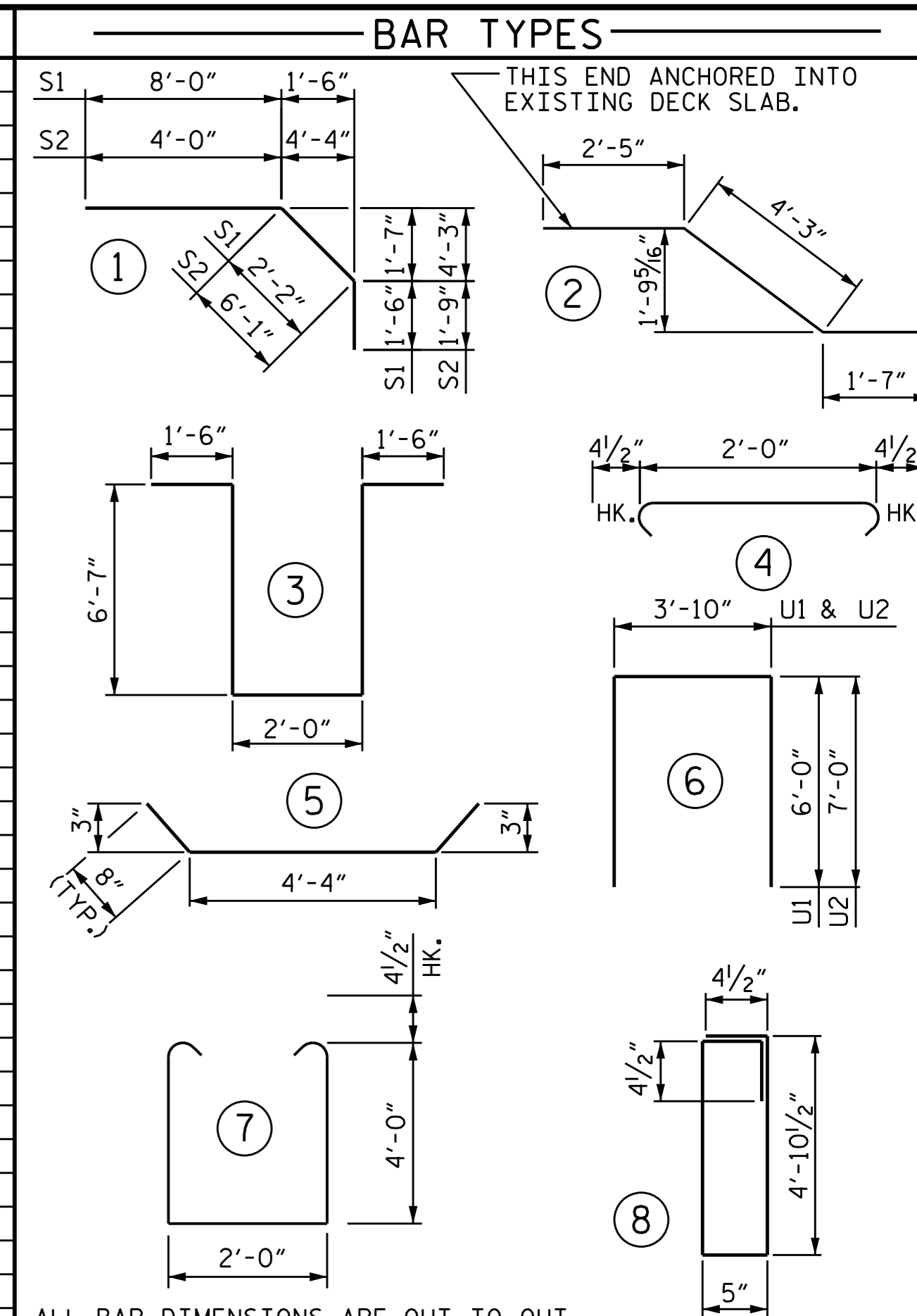
APPROACH SLABS	280	SO.FT.
BRIDGE DECK	1,393	SO.FT.
TOTAL	1,673	SO.FT.



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. FT. = 2183)

**REINFORCING BAR SCHEDULE**

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	392	#5	STR	8'-5"	3,441
A2	392	#5	STR	8'-5"	3,441
*A101	1	#5	STR	7'-5"	8
*A102	1	#5	STR	5'-1"	5
*A103	1	#5	STR	2'-9"	3
*A104	1	#5	STR	7'-1"	7
*A105	1	#5	STR	4'-9"	5
A201	1	#5	STR	7'-5"	8
A202	1	#5	STR	5'-1"	5
A203	1	#5	STR	2'-9"	3
A204	1	#5	STR	7'-1"	7
A205	1	#5	STR	4'-9"	5
*B1	34	#6	STR	12'-4"	630
*B2	14	#4	STR	29'-0"	271
*B3	14	#7	STR	51'-9"	1,481
*B4	14	#7	STR	20'-0"	572
*B5	10	#7	STR	28'-3"	577
*B6	14	#4	STR	22'-11"	214
B7	14	#6	STR	14'-4"	301
B8	28	#5	STR	57'-4"	1,674
*D1	165	#6	STR	3'-0"	743
H1	8	#5	STR	15'-9"	131
H2	8	#5	STR	15'-11"	133
H3	8	#5	STR	15'-0"	125
H4	8	#5	STR	15'-2"	127
K1	12	#4	STR	12'-8"	102
K2	2	#4	STR	3'-6"	5
K3	8	#4	STR	4'-4"	23
K4	2	#4	STR	2'-9"	4
K5	2	#4	STR	6'-8"	9
K6	10	#4	STR	7'-5"	50
K7	2	#4	STR	5'-9"	8
K8	4	#4	STR	3'-8"	10
K9	8	#5	5	5'-8"	47
K10	40	#5	STR	5'-8"	236
K11	4	#4	STR	4'-3"	11
K12	20	#4	STR	5'-11"	79
K13	4	#4	STR	2'-10"	8
K14	12	#4	2	8'-3"	66
*S1	10	#4	1	11'-8"	78
*S2	8	#4	1	11'-10"	63
S3	20	#4	8	11'-4"	151
S4	4	#4	7	10'-9"	29
S5	64	#5	4	2'-9"	184
U1	10	#4	6	15'-10"	106
U2	8	#4	6	17'-10"	95
U3	8	#4	3	18'-2"	97
V1	56	#5	STR	7'-1"	414
REINFORCING STEEL				LBS.	7,694
* EPOXY COATED REINFORCING STEEL				LBS.	8,098



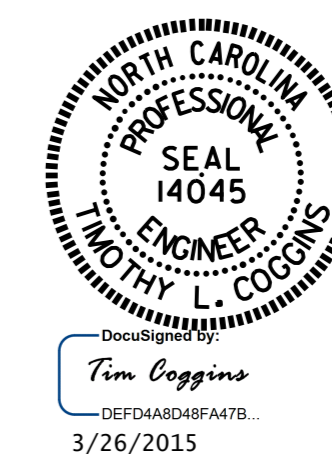
ALL BAR DIMENSIONS ARE OUT TO OUT

**SUPERSTRUCTURE BILL OF MATERIAL**

	CLASS AA CONCRETE (CU.YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	19.0		
POUR 2	52.1		
POUR 3	27.8		
POUR 4*	36.4		
TOTALS**	135.3	7,694	8,098

\*\* QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED  
\* POUR 4 QUANTITY INCLUDES UPPER POUR OF WINGS & INTEGRAL END BENT

PROJECT NO. R-2514D  
JONES & CRAVEN COUNTY  
STATION: 625+23.28 -L-



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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S18-022
1			3			TOTAL SHEETS
2			4			39

ASSEMBLED BY: B. N. BARODAWAL	DATE: 2-18-14
CHECKED BY: NEIL RUFFIN	DATE: 8-22-14
DRAWN BY: JMB	5/87
CHECKED BY: SJD	9/87
REV. 8/16/99	RWW/LES
REV. 5/1/06	TLA/GM
REV. 10/1/11	MAA/GM