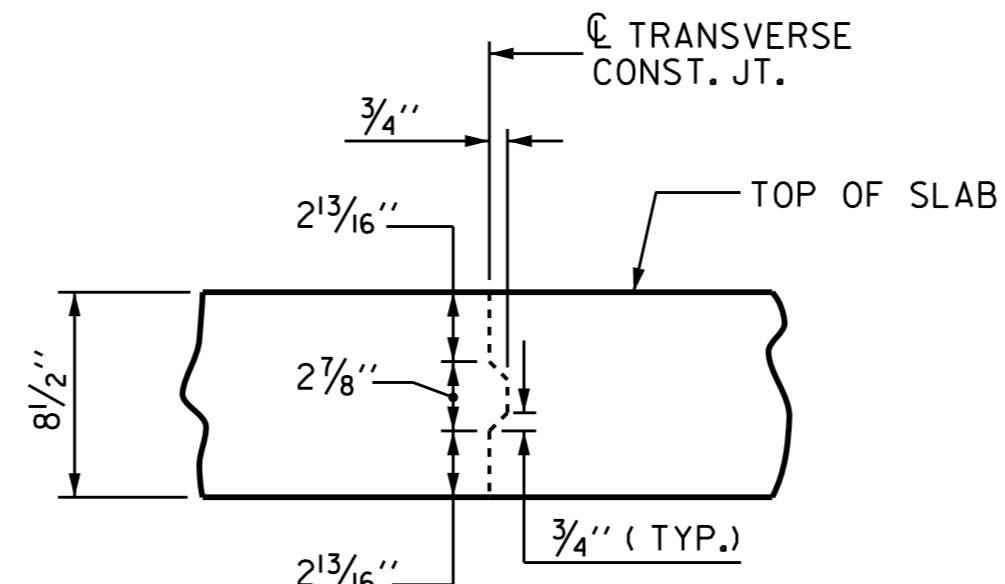


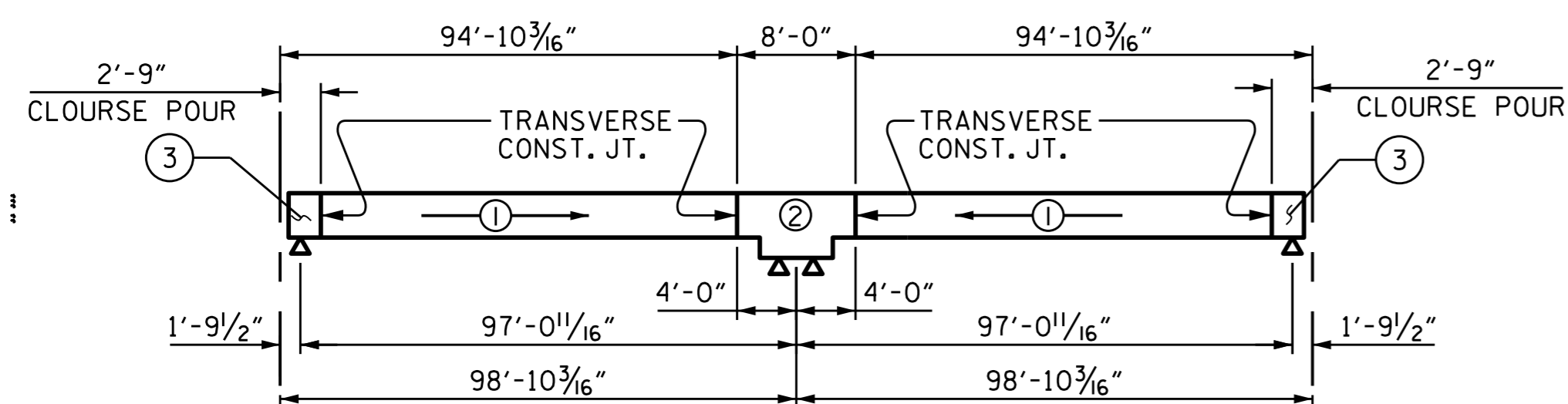
POUR SEQUENCE

SEE TRANSVERSE CONSTRUCTION JOINT DETAIL
 ← * = INDICATES POUR NUMBER AND DIRECTION OF POUR



TRANSVERSE CONSTRUCTION JOINT DETAIL

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



OPTIONAL POUR SEQUENCE

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

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"			

—SUPERSTRUCTURE BILL OF MATERIAL—

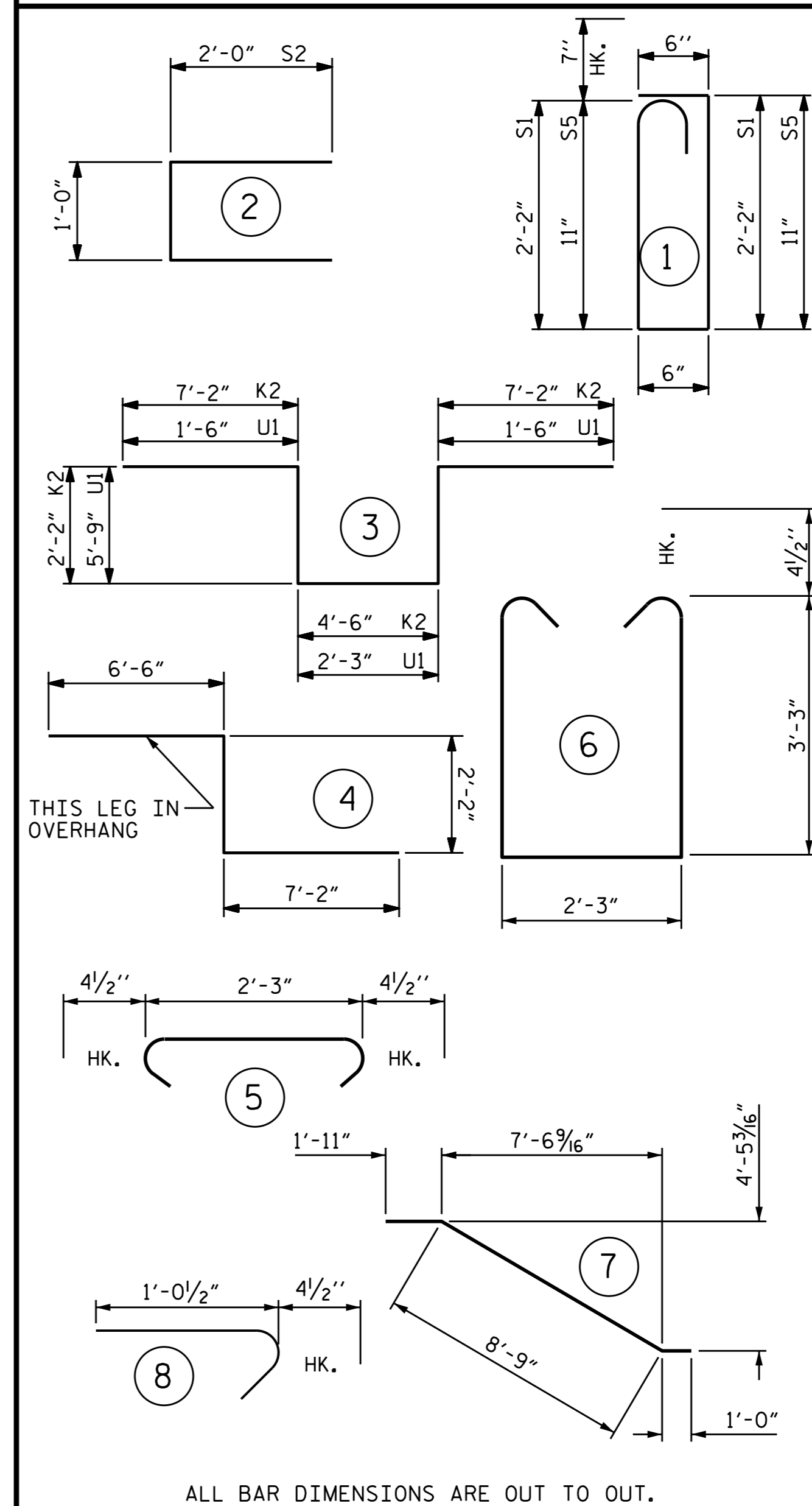
	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
SPAN A & B	199.4	16,457	14,750
TOTALS **	199.4	16,457	14,750

**QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

CLASS AA CONCRETE BREAKDOWN

POUR #1	84.6	CU. YD.
POUR #2	106.4	CU. YD.
POUR #3	8.4	CU. YD.
CLASS AA CONCRETE	199.4	CU. YD.

BAR TYPES



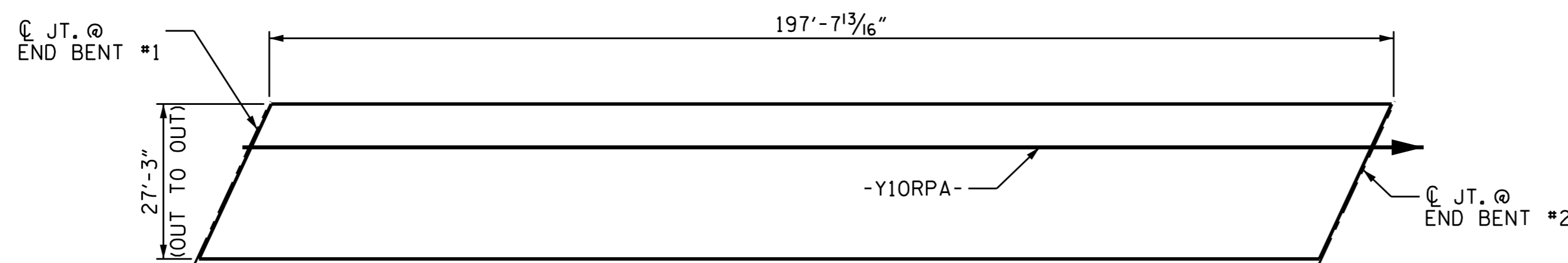
ALL BAR DIMENSIONS ARE OUT TO OUT.

GROOVING BRIDGE FLOORS

APPROACH SLABS	995	SO.FT.
BRIDGE DECK	4123	SO.FT.
TOTAL	5118	SO.FT.

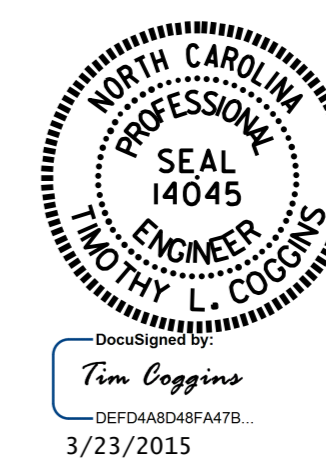
BILL OF MATERIAL SPAN A & B

BAR NO	SIZE	TYPE	LENGTH	WEIGHT	
*A1	295	#5	STR	26'-10"	8256
A2	295	#5	STR	26'-10"	8256
*A101	4	#5	STR	24'-2"	101
*A102	4	#5	STR	21'-6"	90
*A103	4	#5	STR	18'-10"	79
*A104	4	#5	STR	16'-2"	67
*A105	4	#5	STR	13'-6"	56
*A106	4	#5	STR	10'-9"	45
*A107	4	#5	STR	8'-1"	34
*A108	4	#5	STR	5'-5"	23
*A109	4	#5	STR	2'-9"	11
A201	4	#5	STR	25'-0"	104
A202	4	#5	STR	22'-4"	93
A203	4	#5	STR	19'-8"	82
A204	4	#5	STR	17'-0"	71
A205	4	#5	STR	14'-4"	60
A206	4	#5	STR	11'-7"	48
A207	4	#5	STR	8'-11"	37
A208	4	#5	STR	6'-3"	26
A209	4	#5	STR	3'-7"	15
*B1	126	#4	STR	23'-3"	1957
B2	128	#5	STR	50'-11"	6798
*B3	63	#6	STR	25'-2"	2381
*B4	20	#6	STR	29'-8"	891
G1	2	#5	STR	29'-7"	62
*J1	52	#4	8	1'-5"	49
*K1	8	#8	4	15'-10"	338
*K2	4	#8	3	23'-2"	247
K3	12	#6	STR	6'-2"	111
K4	4	#4	STR	6'-5"	17
K5	24	#4	STR	9'-5"	151
K6	4	#4	STR	6'-2"	16
K7	12	#4	7	11'-8"	94
S1	24	#4	1	5'-11"	95
*S2	24	#5	2	5'-0"	125
S3	72	#4	5	3'-0"	144
S4	4	#4	6	9'-6"	25
S5	8	#4	1	3'-5"	18
U1	12	#4	3	16'-9"	134
REINFORCING STEEL				LBS.	16,457
*EPOXY COATED REINFORCING STEEL				LBS.	14,750



LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 5,386)

DRAWN BY: N. Ruffin DATE: 7/19/13
 CHECKED BY: M. PISO DATE: 3/14/14
 DESIGN ENGINEER OF RECORD: N. RUFFIN DATE: 1/28/15



PROJECT NO. R-2514D
 JONES & CRAVEN COUNTY
 STATION: 19+43.00 -Y10RPA-

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE BILL OF MATERIAL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S17-018
1			3			TOTAL SHEETS
2			4			32