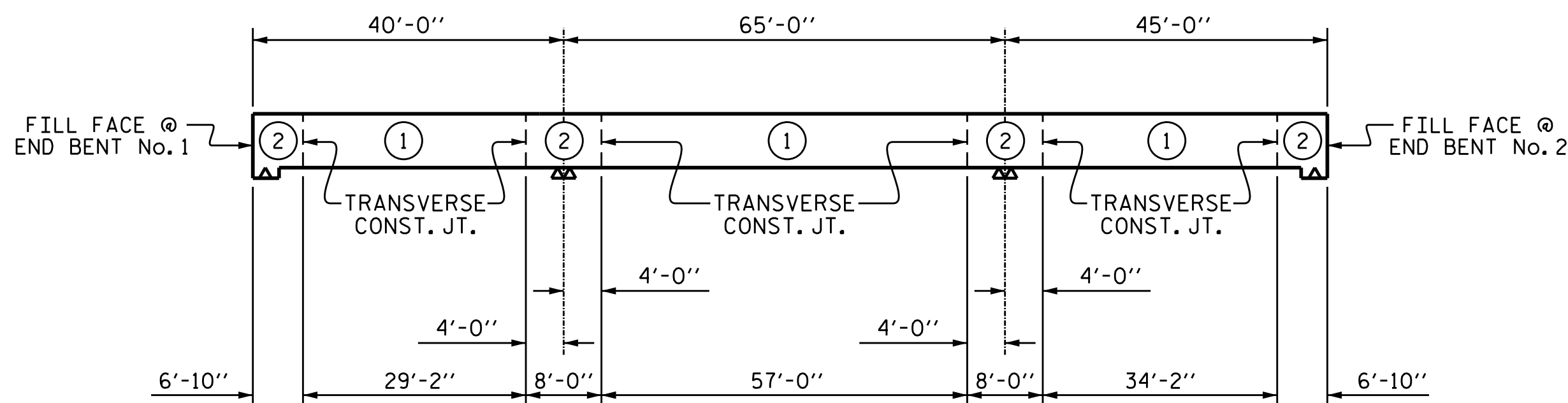


**POURING SEQUENCE**

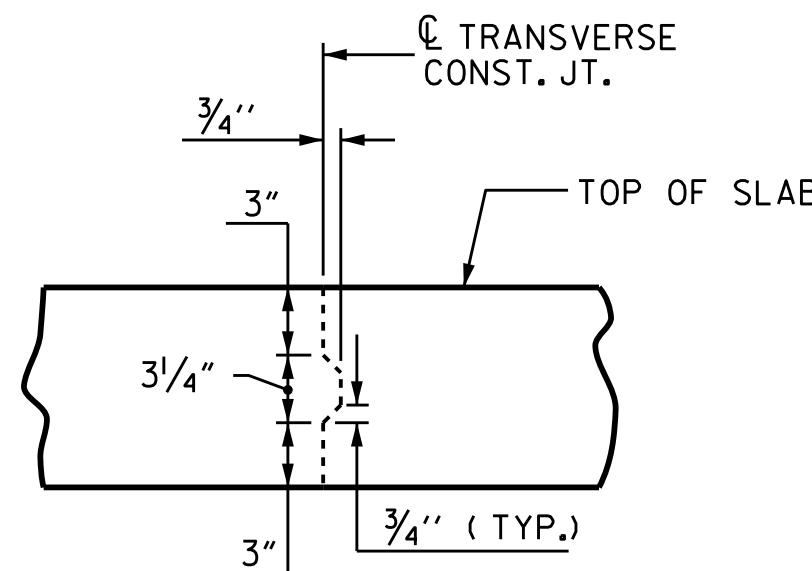
POURS #4 AT END BENTS INCLUDE 6'-10" SECTION OF THE BRIDGE DECK AND UPPER PART OF INTEGRAL END BENT AND WINGS.



**OPTIONAL POURING SEQUENCE**

POURS #2 CAN NOT BE POURED UNTIL POURS #1 HAVE REACHED A MINIMUM STRENGTH OF 3000 PSI.

POURS #2 AT END BENTS INCLUDE 6'-10" SECTION OF THE BRIDGE DECK AND UPPER PART OF INTEGRAL END BENTS AND WINGS.



**TRANSVERSE CONSTRUCTION JOINT DETAIL**

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

**BILL OF MATERIAL**

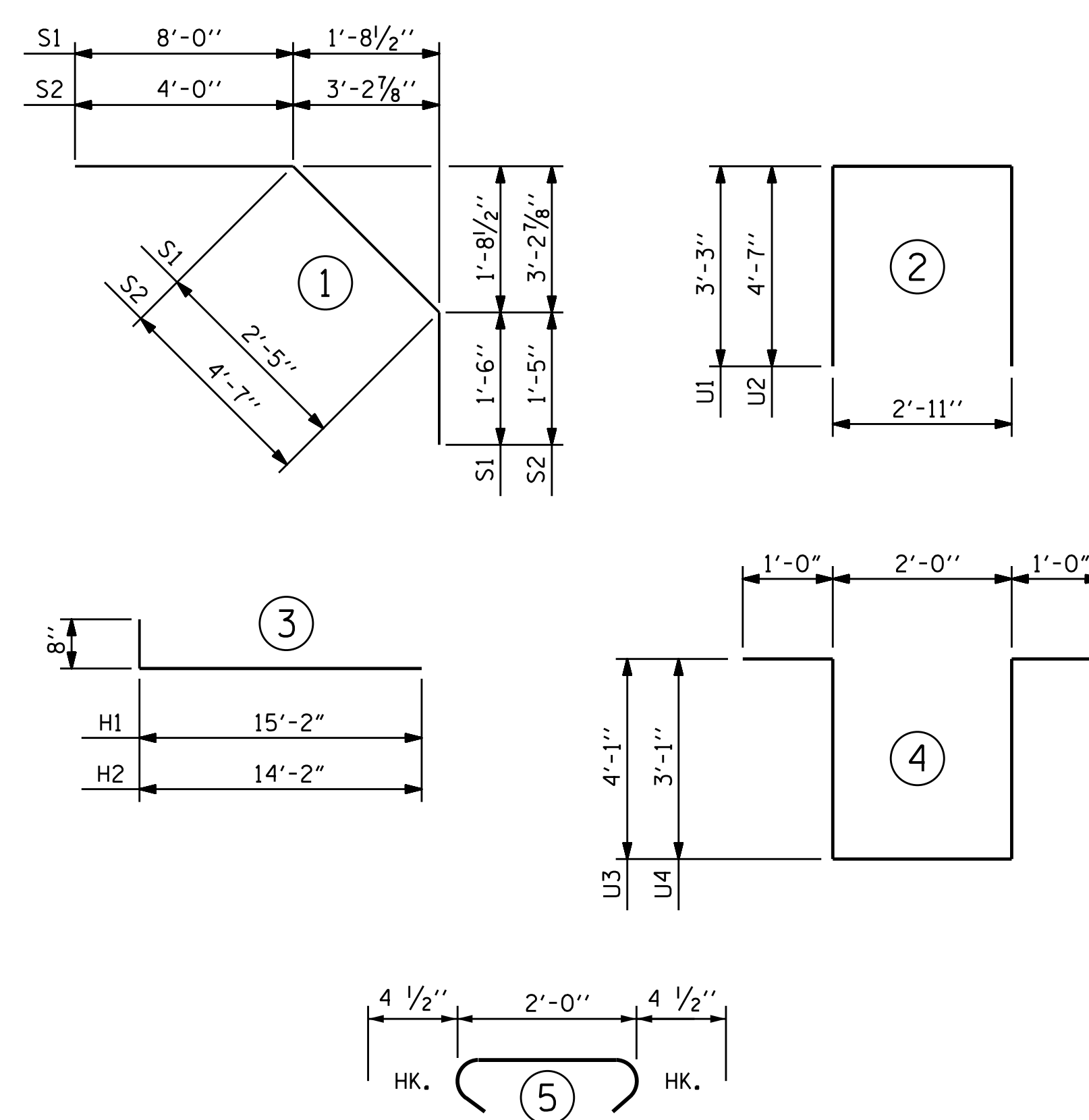
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	323	#5	STR	37'-7"	12661
A2	323	#5	STR	37'-7"	12661
* B1	65	#6	STR	7'-10"	765
* B2	65	#6	STR	8'-10"	862
* B3	34	#6	STR	41'-6"	2119
* B4	31	#6	STR	15'-9"	733
* B5	34	#6	STR	43'-0"	2196
* B6	31	#6	STR	16'-6"	768
* B7	34	#4	STR	18'-2"	413
* B8	34	#4	STR	20'-0"	454
* B9	34	#4	STR	21'-6"	488
B10	150	#5	STR	50'-10"	7953
H1	40	#5	3	15'-10"	661
H2	40	#5	3	14'-10"	619
K1	16	#4	STR	2'-8"	29
K2	4	#4	STR	5'-5"	14
K3	8	#4	STR	5'-10"	31
K4	4	#4	STR	5'-2"	14
K5	18	#4	STR	8'-8"	104
K6	36	#4	STR	9'-5"	226
K7	6	#4	STR	8'-2"	33
K8	16	#4	STR	22'-8"	242
K9	12	#4	STR	7'-2"	57
K10	16	#4	STR	16'-6"	176
* S1	66	#4	1	11'-11"	525
* S2	62	#4	1	10'-0"	414
S3	150	#4	5	2'-9"	276
U1	66	#4	2	9'-5"	415
U2	12	#4	2	12'-1"	97
U3	42	#4	4	12'-2"	341
U4	12	#4	4	10'-2"	81

REINFORCING STEEL = 24030 LBS.  
\* EPOXY COATED REINF. STEEL = 22398 LBS.

**GROOVING BRIDGE FLOORS**

APPROACH SLABS	1547	SQ. FT.
BRIDGE DECK	4736	SQ. FT.
TOTAL	6283	SQ. FT.

**BAR TYPES**



ALL BAR DIMENSIONS ARE OUT TO OUT

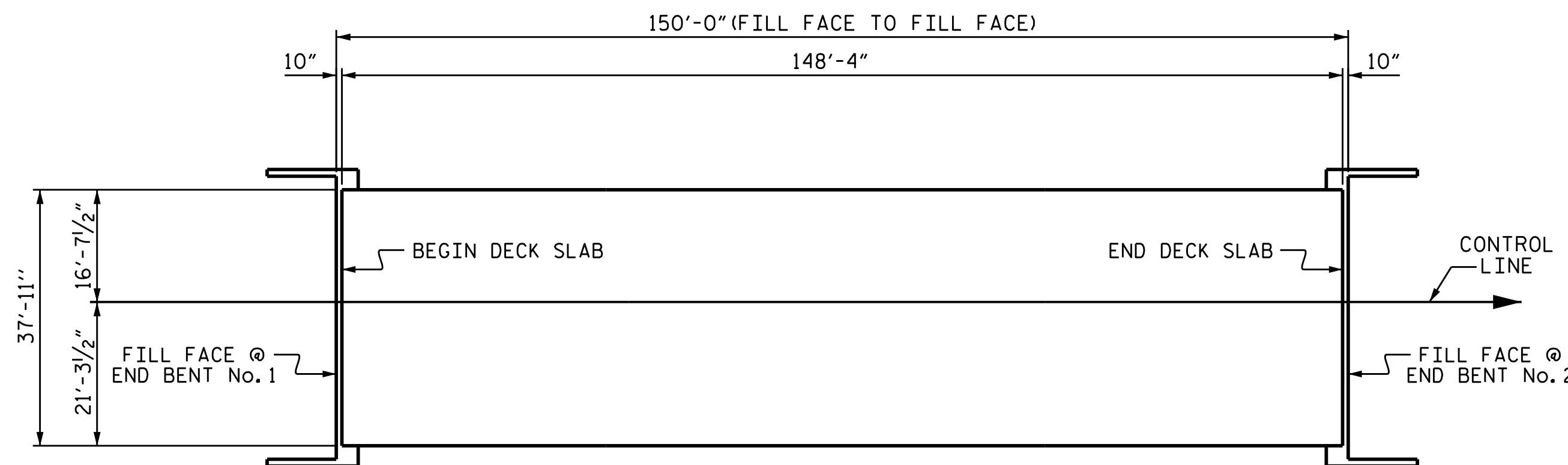
**SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS**

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.)
POUR #1	31.9		
POUR #2	95.9		
POUR #3	67.1	24030	22398
POUR #4 ***	59.7		
TOTALS **	264.6	24030	22398

\*\* QUANTITIES FOR CONCRETE BARRIER RAIL & PARAPET ARE NOT INCLUDED  
\*\*\* POUR #4 INCLUDES 6'-10" SECTION OF THE BRIDGE DECK AND UPPER PART OF INTEGRAL END BENTS AND WINGS.

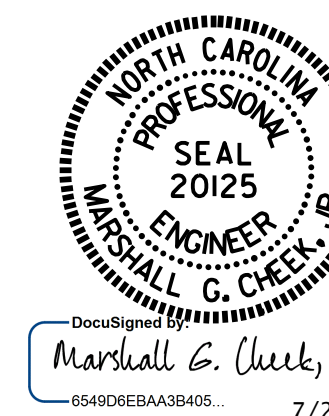


**LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 5,625)**

PROJECT NO. R-2603  
WILKES COUNTY  
STATION: 117+35.00 -L-

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

**SUPERSTRUCTURE BILL OF MATERIAL**



REVISIONS						SHEET NO. S-34	
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS 47	
1			3				
2			4				

ASSEMBLED BY : D. A. GLADDEN DATE : 7-10-13  
CHECKED BY : H. T. BARBOUR DATE : 8-13  
DRAWN BY : JMB 5/87 REV. 6/1/94 EEM/GRP  
CHECKED BY : SJD 9/87 REV. 8/16/99 RWW/LES  
REV. 5/1/06 TLA/GM