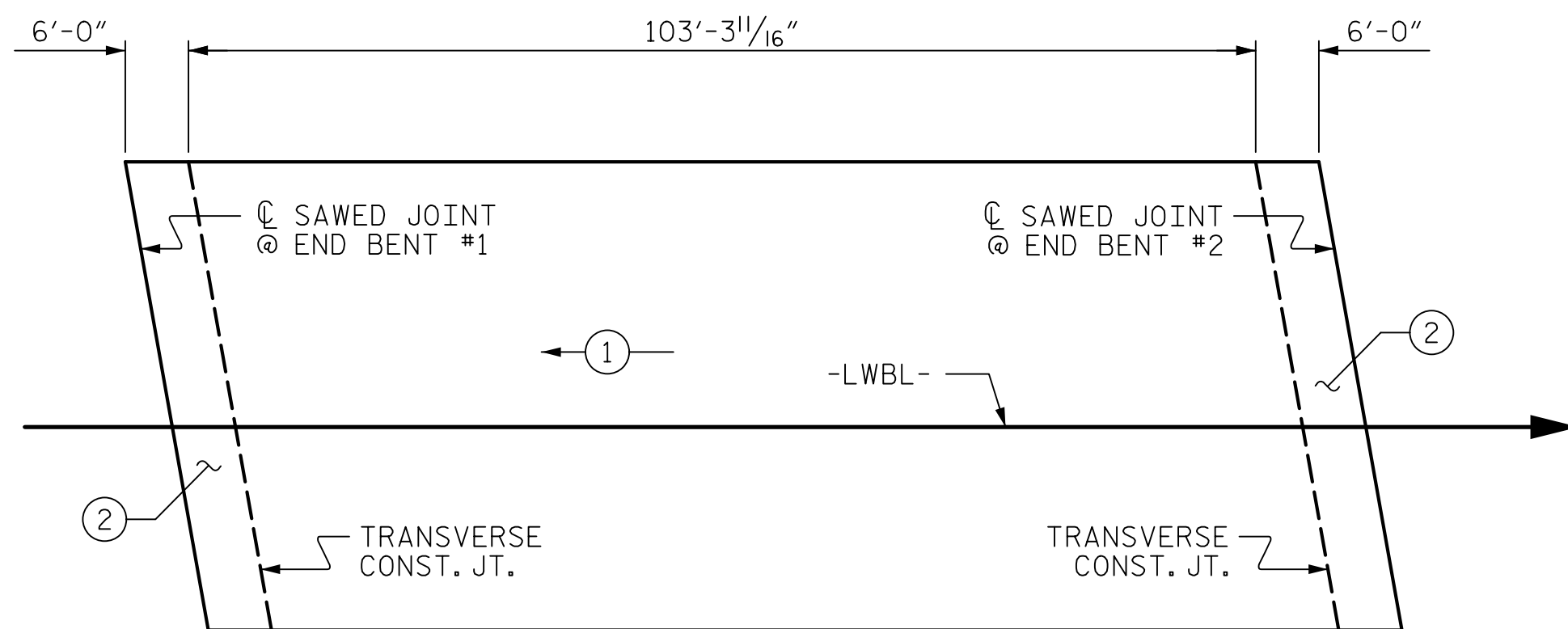


LAYOUT FOR COMPUTING AREA
REINFORCED CONCRETE DECK SLAB
(SQ. FT. = 5218)



POURING SEQUENCE

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

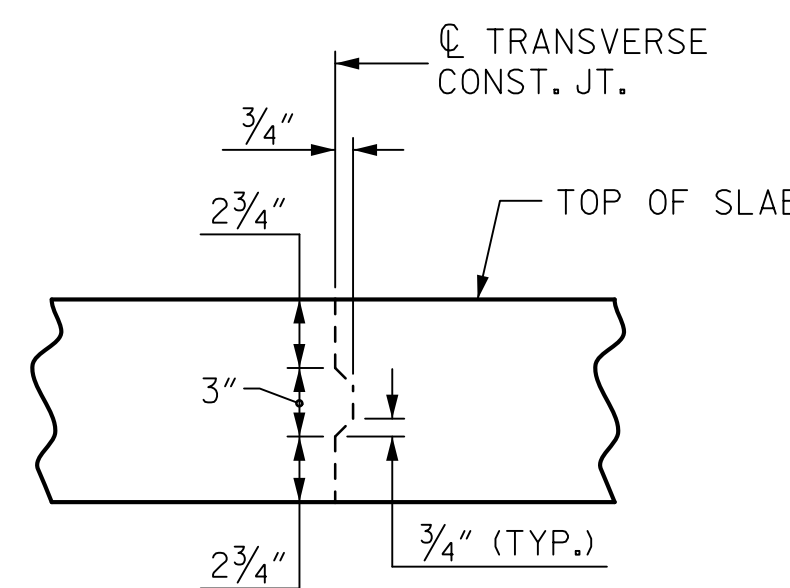
APPROACH SLABS	1950	SQ.FT.
BRIDGE DECK	4497	SQ.FT.
TOTAL	6447	SQ.FT.

BAR TYPES				BILL OF MATERIAL			
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT		
* A1	172	#5	STR	44'-11"	8058		
A2	172	#5	STR	44'-11"	8058		
* A101	4	#5	STR	38'-2"	159		
* A102	4	#5	STR	31'-2"	130		
* A103	4	#5	STR	24'-1"	101		
* A104	4	#5	STR	17'-0"	71		
* A105	4	#5	STR	10'-0"	42		
* A106	4	#5	STR	2'-11"	12		
A201	4	#5	STR	38'-2"	159		
A202	4	#5	STR	31'-2"	130		
A203	4	#5	STR	24'-1"	101		
A204	4	#5	STR	17'-0"	71		
A205	4	#5	STR	10'-0"	42		
A206	4	#5	STR	2'-11"	12		
* B1	160	#4	STR	24'-8"	2636		
B2	68	#5	STR	58'-7"	4155		
K1	20	#4	STR	26'-10"	359		
K2	8	#4	STR	7'-1"	38		
K3	32	#4	STR	8'-8"	185		
K4	4	#4	STR	5'-3"	14		
K5	16	#4	STR	6'-1"	65		
* S1	56	#4	1	11'-11"	446		
* S2	52	#4	1	10'-10"	376		
U1	76	#4	2	11'-11"	605		
REINFORCING STEEL					=	13,994	
* EPOXY COATED REINF. STEEL					=	12,031	

SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR #1	141.6		
POUR #2	82.2		
TOTALS **	223.8	13,994	12,031

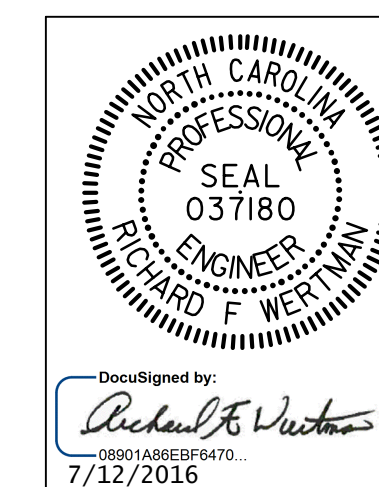
** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED



TRANSVERSE CONSTRUCTION JOINT DETAIL

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

PROJECT NO. B-4447
BURKE COUNTY
STATION: 25+85.40 -L-
15+67.23 -Y-



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE
BILL OF MATERIAL
WESTBOUND LANE

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S01-16
1			3			TOTAL SHEETS
2			4			28

ASSEMBLED BY : T.J. KIRSCHBAUM	DATE : 11/10/15
CHECKED BY : A.J. FORFA	DATE : 12/15/15
DRAWN BY : JMB 5/87	REV. 8/16/99 RWW/LES
CHECKED BY : SJD 9/87	REV. 5/1/06 TLA/GM
	REV. 10/1/11 MAA/GM

PLANS PREPARED BY:
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(919) 420-7660
INC Lic. No. F-0270

THESE PLANS HAVE BEEN PROPERLY EXAMINED BY THE UNDERSIGNED. I HAVE DETERMINED THAT THEY COMPLY WITH EXISTING NORTH CAROLINA CODES, AND HAVE BEEN PROPERLY ADAPTED FOR USE IN THIS AREA.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED