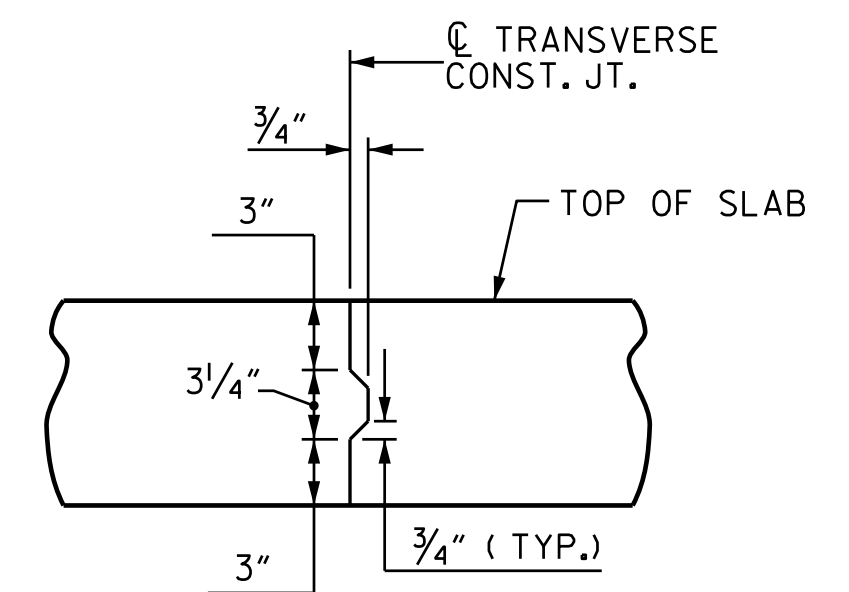


POURING SEQUENCE AND LAYOUT FOR COMPUTING  
AREA OF REINFORCED CONCRETE DECK SLAB

( 6,430 SF )

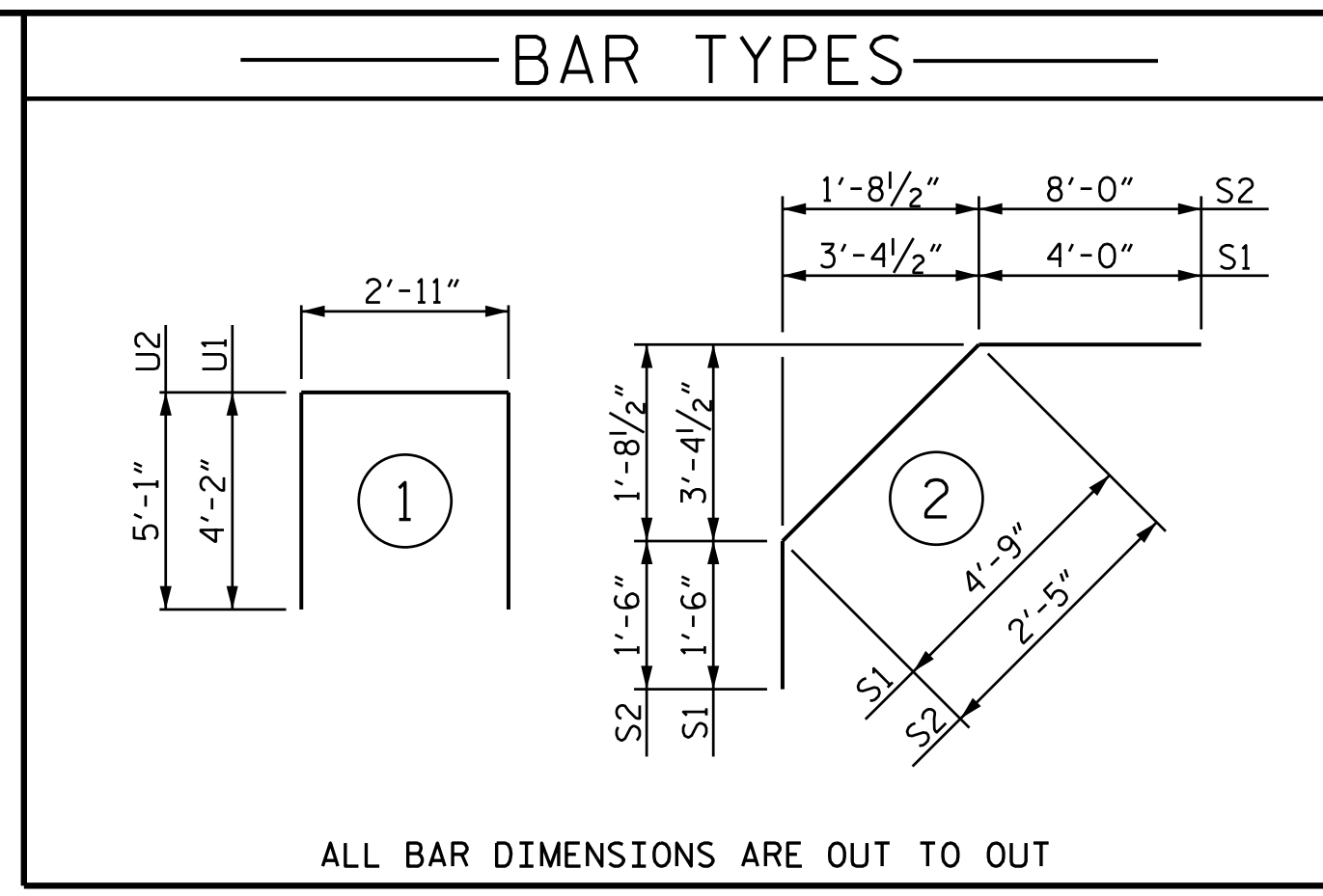
← ⊕ → = INDICATES POUR NUMBER AND DIRECTION OF POUR



TRANSVERSE CONSTRUCTION JOINT  
DETAIL

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

GROOVING BRIDGE FLOORS		
APPROACH SLABS	946	SO.FT.
BRIDGE DECK	5,407	SO.FT.
TOTAL	6,353	SO.FT.



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	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"			

REINFORCING STEEL SCHEDULE

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	357	#5	STR	38'-11"	14491
A2	357	#5	STR	38'-11"	14491
* B1	156	#6	STR	16'-3"	3808
* B2	56	#4	STR	39'-6"	1478
* B3	28	#5	STR	59'-8"	1743
* B4	77	#4	STR	36'-9"	1890
B5	156	#5	STR	55'-10"	9084
B6	47	#5	STR	44'-0"	2157
K1	10	#4	STR	38'-11"	260
K2	6	#4	STR	8'-2"	33
K3	6	#4	STR	9'-0"	36
K4	12	#4	STR	9'-8"	77
K5	6	#4	STR	8'-8"	35
K6	4	#4	STR	2'-2"	6
K7	4	#4	STR	2'-7"	7
K8	8	#4	STR	2'-11"	16
K9	4	#4	STR	2'-5"	6
* S1	62	#4	2	10'-3"	425
* S2	66	#4	2	11'-11"	525
U1	62	#4	1	11'-3"	466
U2	4	#4	1	13'-1"	35

REINFORCING STEEL LBS. 26,709  
\* EPOXY COATED REINFORCING STEEL LBS. 24,360

SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE ( CU. YDS. )	REINFORCING STEEL ( LBS. )	EPOXY COATED REINFORCING STEEL ( LBS. )
POUR 1	177.7		
POUR 2	78.0		
TOTALS**	255.7	26,709	24,360

\*\*QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

PROJECT NO. I-5987B  
ROBESON COUNTY  
STATION: 24+76.86 -Y4-

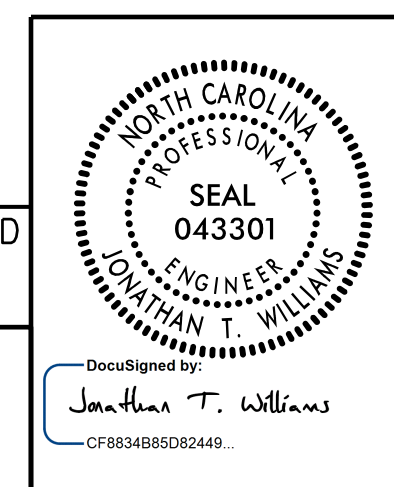
STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

SUPERSTRUCTURE  
BILL OF MATERIAL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S4-18
1			3			TOTAL SHEETS
2			4			29

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED

PLANS PREPARED BY:  
MOTT MACDONALD  
PO Box 700  
Fuquay-Varina, NC 27526  
(919) 552-2253  
www.mottmac.com  
LICENSE NO. F-0669



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DRAWN BY: R. L. DICKE DATE: 10-2021  
 CHECKED BY: J. M. ROBINSON DATE: 10-2021  
 DESIGN ENGINEER OF RECORD: J. T. WILLIAMS DATE: 10-2021