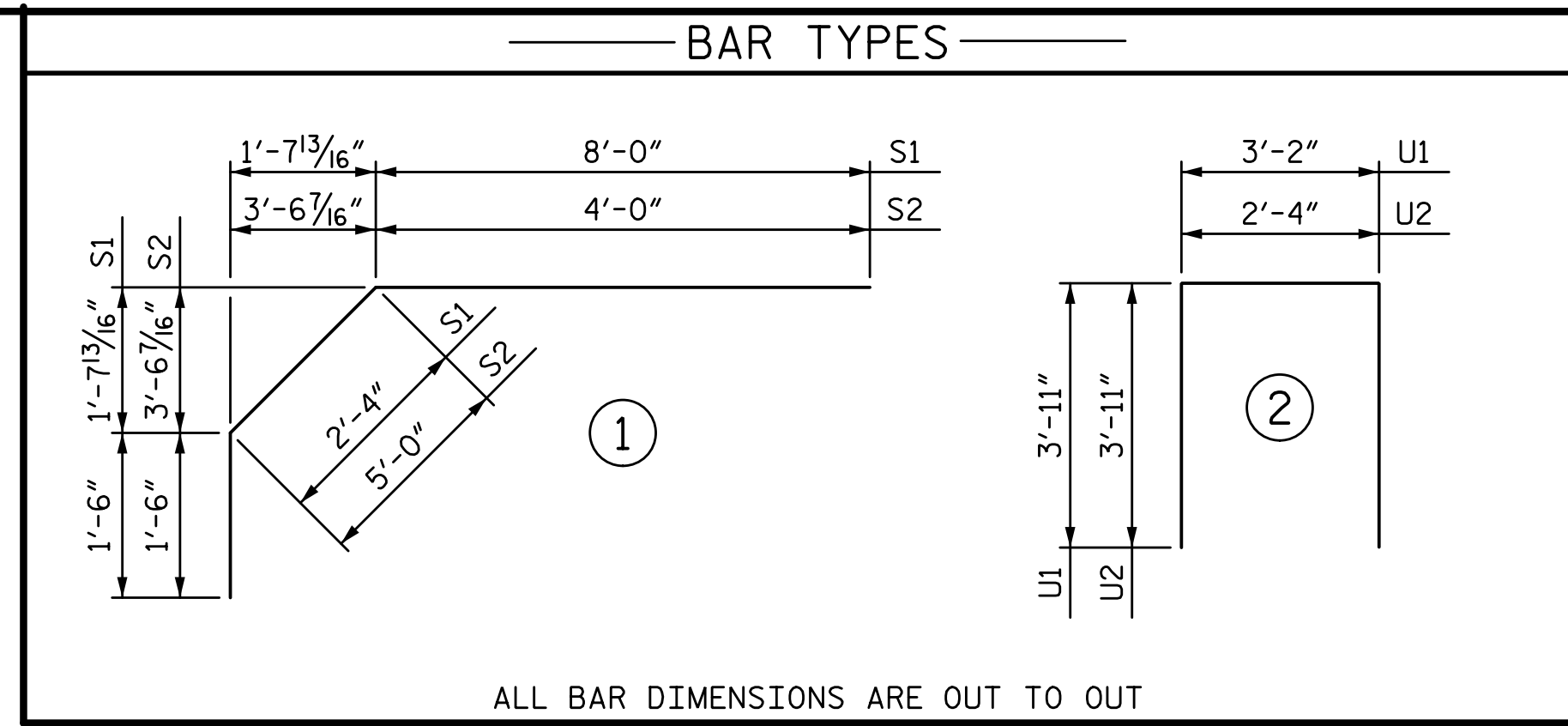


9/14/2022 8:06:02 AM P:\Raleigh\Projects\2018\Division 3 (SEA)\B-5652 (Onslow 33 US17 NBL over Wolf Swamp)\Structures\Drawings\Final\401\_B5652\_SMU\_BM\_660033.dgn

**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"			



**BILL OF MATERIAL**

**SPAN A**

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	181	#5	STR	39'-11"	7536
A2	181	#5	STR	39'-11"	7536
B1	96	#5	STR	50'-1"	5015
*B2	162	#6	STR	20'-0"	4866
*B3	58	#4	STR	32'-10"	1272
K1	10	#4	STR	39'-11"	267
K2	8	#4	STR	6'-0"	32
K3	8	#4	STR	6'-10"	37
K4	16	#4	STR	7'-6"	80
K5	8	#4	STR	6'-6"	35
K6	4	#4	STR	1'-8"	4
K7	4	#4	STR	2'-1"	6
K8	8	#4	STR	2'-5"	13
K9	4	#4	STR	1'-11"	5
*S1	56	#4	1	11'-10"	443
*S2	56	#4	1	10'-6"	393
U1	60	#4	2	11'-0"	441
U2	8	#4	2	10'-2"	54
REINFORCING STEEL					13525 LB
* EPOXY COATED REINFORCING STEEL					14510 LB

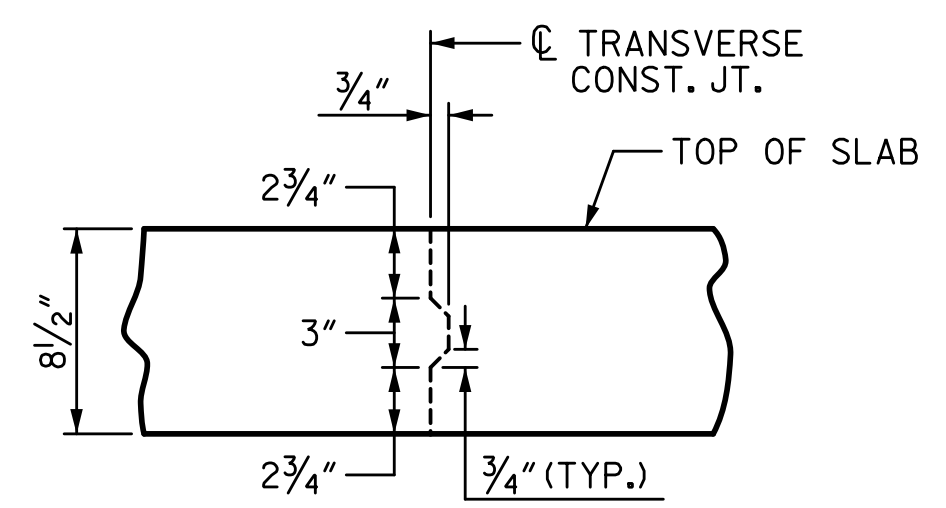
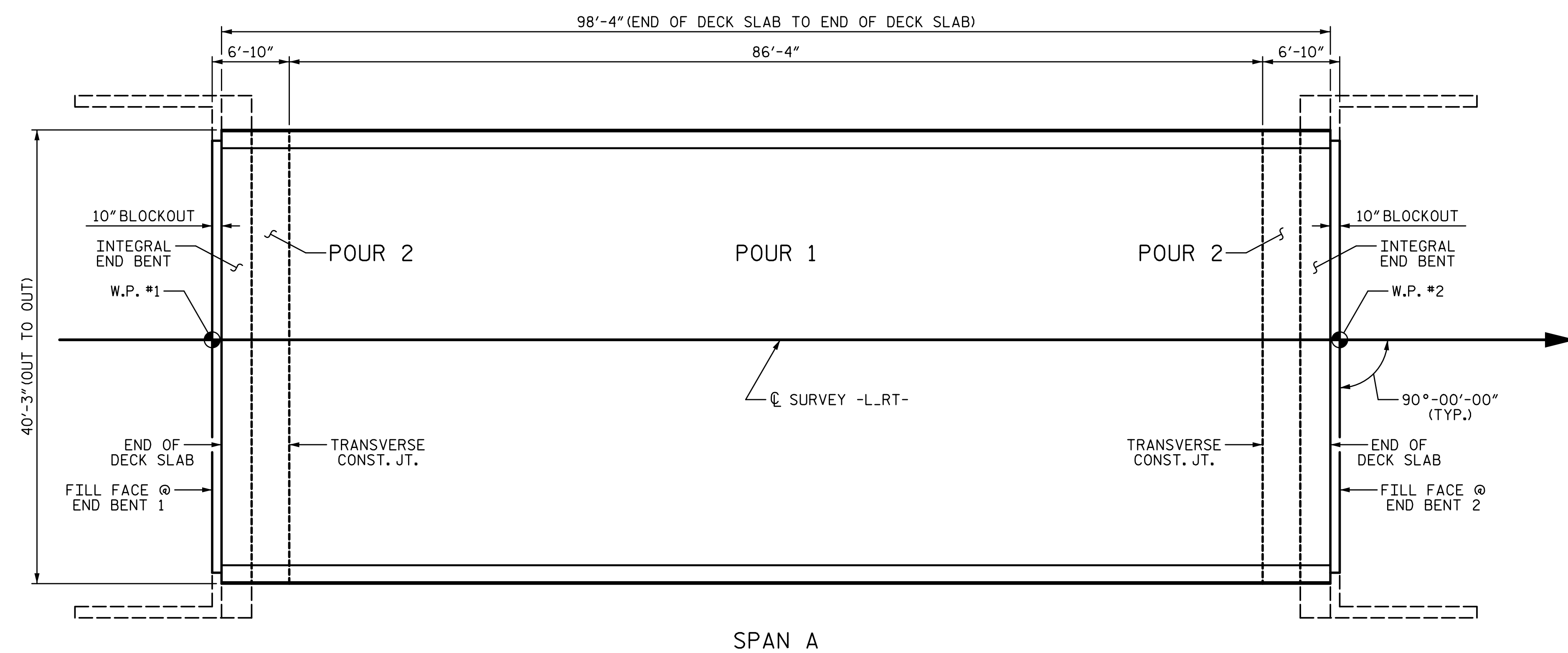
**GROOVING BRIDGE FLOORS**

APPROACH SLABS	1,642	SF
BRIDGE DECK	3,331	SF
TOTAL	4,973	SF

**—SUPERSTRUCTURE BILL OF MATERIAL—**

	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	CY	LB	LB
POUR 1	107.3		
POUR 2	57.6		
TOTALS**	164.9	13,525	14,510

\*\* QUANTITIES FOR CONCRETE BARRIER RAILS ARE NOT INCLUDED



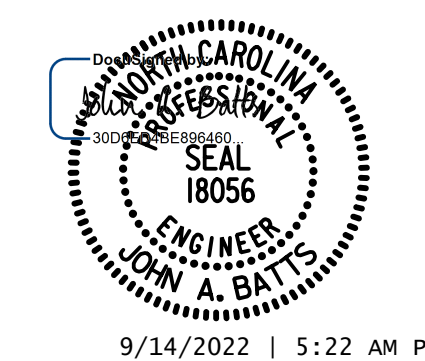
**TRANSVERSE CONSTRUCTION JOINT DETAIL**

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

PROJECT NO. B-5652  
ONLOW COUNTY  
 STATION: 20+64.00 -L-RT-

**LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB & POUR SEQUENCE**

SQ. FT. = 3,958



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

DRAWN BY: T. BANKOVICH	DATE: 5-22
CHECKED BY: J.A. BATTS	DATE: 5-22
DESIGN ENGINEER OF RECORD: J.A. BATTS	DATE: 5-22

REVISIONS				SHEET NO.
NO.	BY:	DATE:	NO.	DATE:
1			3	
2			4	

TOTAL SHEETS	26
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**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**