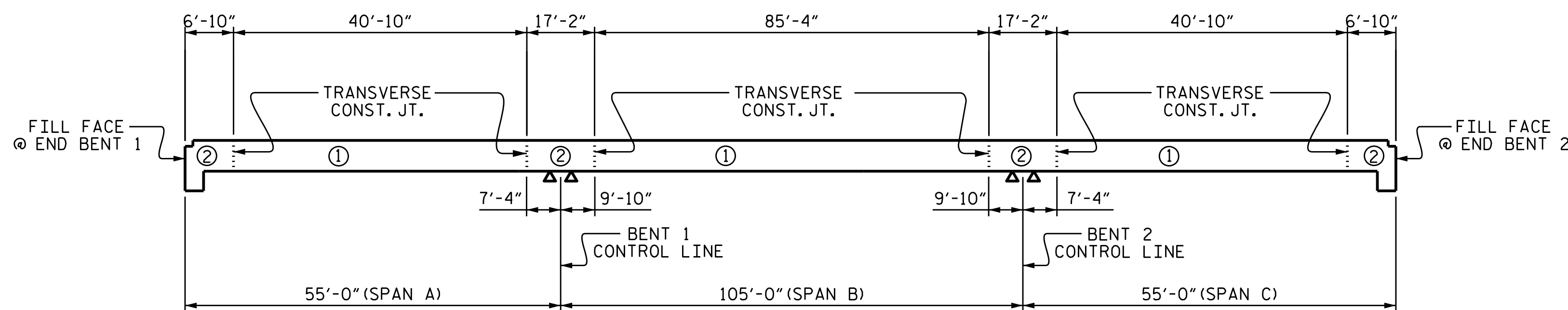


LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 8587)



POUR SEQUENCE

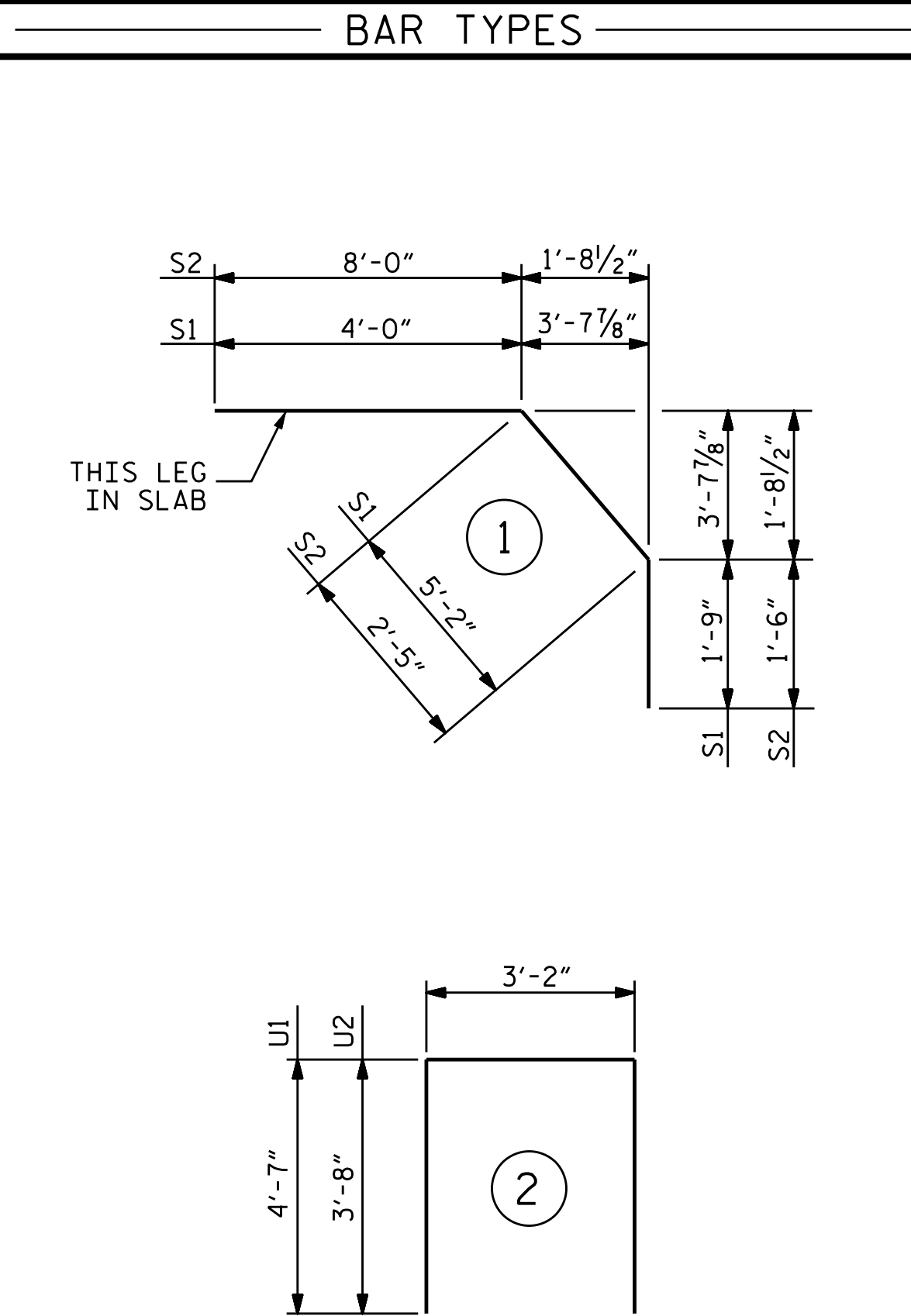
POUR 2 CAN NOT BE STARTED UNTIL BOTH ADJACENT 1 POURS REACH A MINIMUM OF 3,000 PSI.

BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	366	#5	STR	39'-11"	15,238
A2	366	#5	STR	39'-11"	15,238
* B1	214	#5	STR	11'-0"	2455
* B2	54	#4	STR	26'-7"	959
* B3	108	#5	STR	57'-9"	6505
* B4	106	#5	STR	14'-0"	1548
* B5	27	#4	STR	36'-10"	664
B6	132	#5	STR	54'-9"	7538
B7	76	#5	STR	13'-2"	1044
K1	12	#4	STR	39'-11"	320
K2	4	#4	STR	2'-10"	8
K3	16	#4	STR	3'-7"	38
K4	4	#4	STR	2'-1"	6
K5	6	#4	STR	8'-2"	33
K6	24	#4	STR	9'-8"	155
K7	6	#4	STR	6'-8"	27
* S1	50	#4	1	10'-11"	365
* S2	50	#4	1	11'-11"	398
U1	50	#4	2	12'-4"	412
U2	16	#4	2	10'-6"	112

REINFORCING STEEL 24,931 LBS.

* EPOXY COATED REINF. STEEL 28,132 LBS.



ALL BAR DIMENSIONS ARE OUT TO OUT.

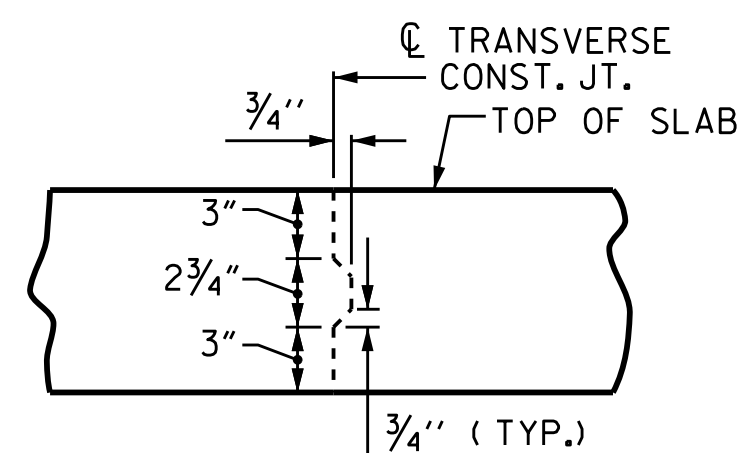
SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE		REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
	(CU. YDS.)	(CU. YDS.)		
POUR #1	236.2		24,931	28,132
POUR #2	118.9			
TOTALS **	355.1		24,931	28,132

** QUANTITIES FOR BARRIER RAIL IS NOT INCLUDED

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

BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPETS, AND BARRIER RAILS		APPROACH SLABS		PARAPETS AND BARRIER RAILS
	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"			



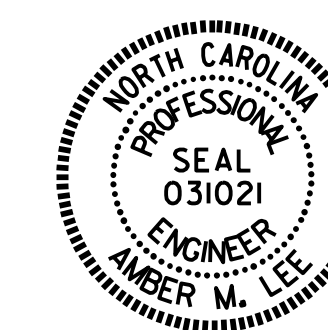
TRANSVERSE CONSTRUCTION JOINT DETAIL

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

GROOVING BRIDGE FLOORS

APPROACH SLABS	975 SQ.FT.
BRIDGE DECK	7242 SQ.FT.
TOTAL	8217 SQ.FT.

PROJECT NO. BR-0048
SURRY COUNTY
STATION: 18+50.00 -L-



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE BILL OF MATERIAL

ASSEMBLED BY : M. G. SHAIKH DATE : 12/2020
CHECKED BY : J. A. TILLMAN DATE : 02/2021
DRAWN BY : JMB 5/87
CHECKED BY : SJD 9/87

REV. 6/1/94 EEM/GRP
REV. 8/16/99 RWW/LES
REV. 5/1/06 TLA/GM

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-20
1			3			TOTAL SHEETS
2			4			33