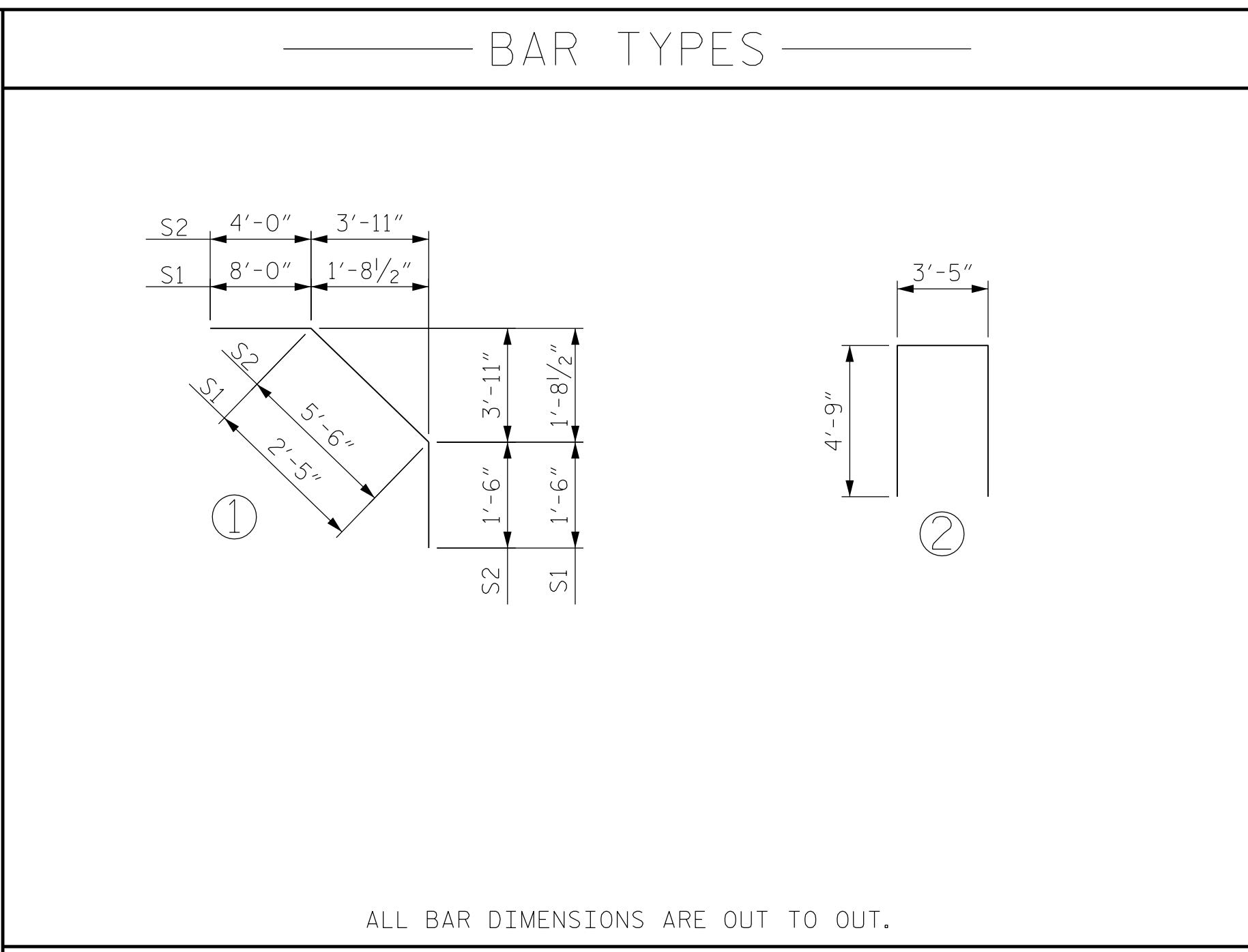


REINFORCING BAR SCHEDULE																							
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT						
* A1	336	#5	STR	43'-5"	15215	A2	336	#5	STR	43'-5"	15215	* S1	24	#4	1	11'-11"	191	* S2	24	#4	1	11'-0"	176
* A101	2	#5	STR	40'-11"	85	A201	2	#5	STR	40'-11"	85	U1	28	#4	2	12'-11"	242	U2	24	#4	2	11'-7"	186
* A102	2	#5	STR	38'-5"	80	A202	2	#5	STR	38'-5"	80	REINFORCING STEEL 27,331 LBS. * EPOXY COATED REINFORCING STEEL 30,426 LBS.											
* A103	2	#5	STR	35'-11"	75	A203	2	#5	STR	35'-11"	75												
* A104	2	#5	STR	33'-5"	70	A204	2	#5	STR	33'-5"	70												
* A105	2	#5	STR	30'-11"	64	A205	2	#5	STR	30'-11"	64												
* A106	2	#5	STR	28'-5"	59	A206	2	#5	STR	28'-5"	59												
* A107	2	#5	STR	25'-11"	54	A207	2	#5	STR	25'-11"	54												
* A108	2	#5	STR	23'-5"	49	A208	2	#5	STR	23'-5"	49												
* A109	2	#5	STR	20'-11"	44	A209	2	#5	STR	20'-11"	44												
* A110	2	#5	STR	18'-5"	38	A210	2	#5	STR	18'-5"	38												
* A111	2	#5	STR	15'-11"	33	A211	2	#5	STR	15'-11"	33												
* A112	2	#5	STR	13'-5"	28	A212	2	#5	STR	13'-5"	28												
* A113	2	#5	STR	10'-11"	23	A213	2	#5	STR	10'-11"	23												
* A114	2	#5	STR	8'-5"	18	A214	2	#5	STR	8'-5"	18												
* A115	2	#5	STR	5'-11"	12	A215	2	#5	STR	5'-11"	12												
* A116	2	#5	STR	3'-6"	7	A216	2	#5	STR	3'-6"	7												
* A117	2	#5	STR	1'-10"	4	A217	2	#5	STR	1'-10"	4												
B1	150	#6	STR	45'-8"	10289	K1	24	#4	STR	22'-11"	367												
* B2	206	#5	STR	22'-2"	4763	K2	8	#4	STR	5'-3"	28												
* B3	140	#5	STR	28'-10"	4210	K3	32	#4	STR	8'-3"	176												
* B4	105	#5	STR	26'-6"	2902	K4	8	#4	STR	6'-8"	36												
* B5	66	#5	STR	32'-4"	2226	K5	4	#4	STR	2'-8"	7												
						K6	16	#4	STR	3'-6"	37												
						K7	4	#4	STR	2'-0"	5												

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"	-	-	-

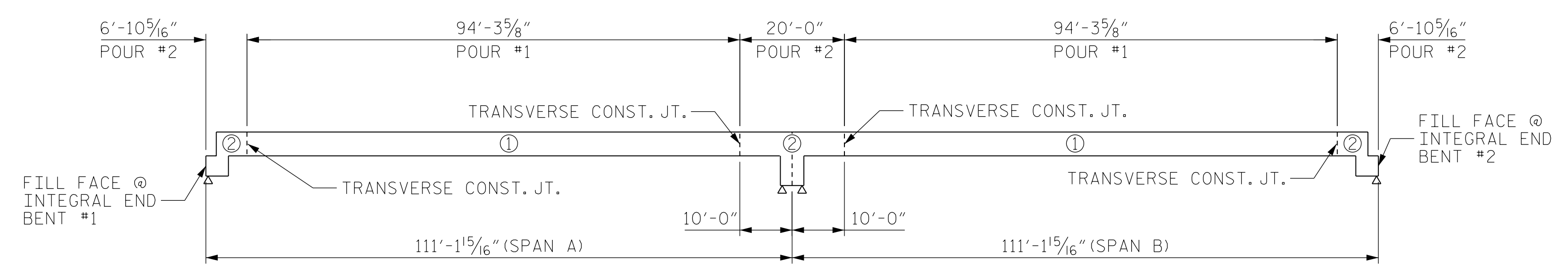


GROOVING BRIDGE FLOOR	
APPROACH SLABS	1,810 SQ. FT
BRIDGE DECK	8,260 SQ. FT
TOTAL	10,070 SQ. FT

SUPERSTRUCTURE BILL OF MATERIALS

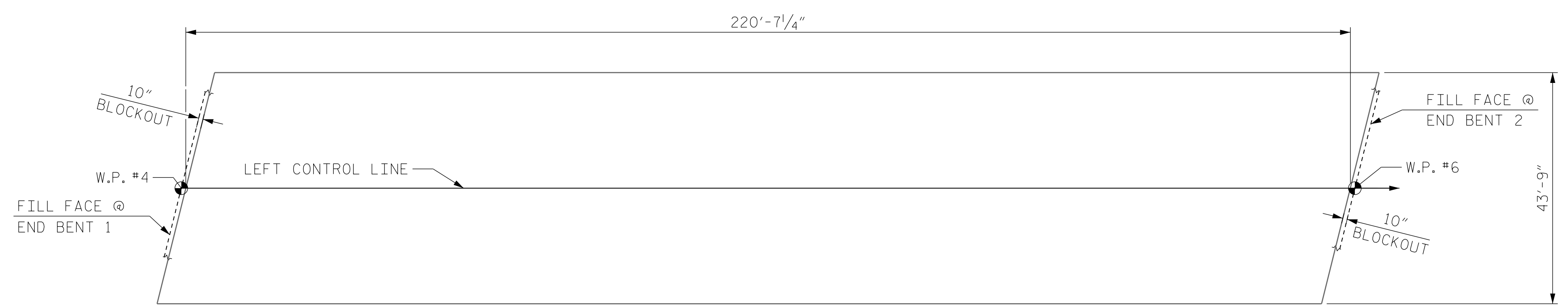
	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU. YDS.)	(LBS.)	(LBS.)
POUR #1	275.1		
POUR #2	111.6		
TOTAL	386.7	27,331	30,426

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED



POURING SEQUENCE

POUR ② CAN NOT BE STARTED UNTIL BOTH ADJACENT ① POURS REACH A MINIMUM OF 3000 PSI



LAYOUT FOR COMPUTING AREA
REINFORCED CONCRETE DECK SLAB
(SQ. FT. = 9,652)

DRAWN BY :	JAE	DATE :	8/21
CHECKED BY :	ZHB	DATE :	8/21
DESIGN ENGINEER OF RECORD:	MTP	DATE :	8/21

*****SYSTEM TIME*****
*****DCN*****
*****USERNAME*****

PROJECT NO. R-5737
DAVIDSON COUNTY
 STATION: 61+02.86 -L-

Dewberry
 2610 WYCLIFF ROAD
 SUITE 410
 RALEIGH, NC 27607
 PHONE: 919.881.9939
 NC COA No. F-0929

NORTH CAROLINA
 PROFESSIONAL
 SEAL
 030046
 ENGINEER
 MATTHEW PAYNE
 9/14/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 STANDARD
 SUPERSTRUCTURE
 BILL OF MATERIAL
 (LEFT BRIDGE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.
1			3			S1-16
2			4			TOTAL SHEETS 25

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED