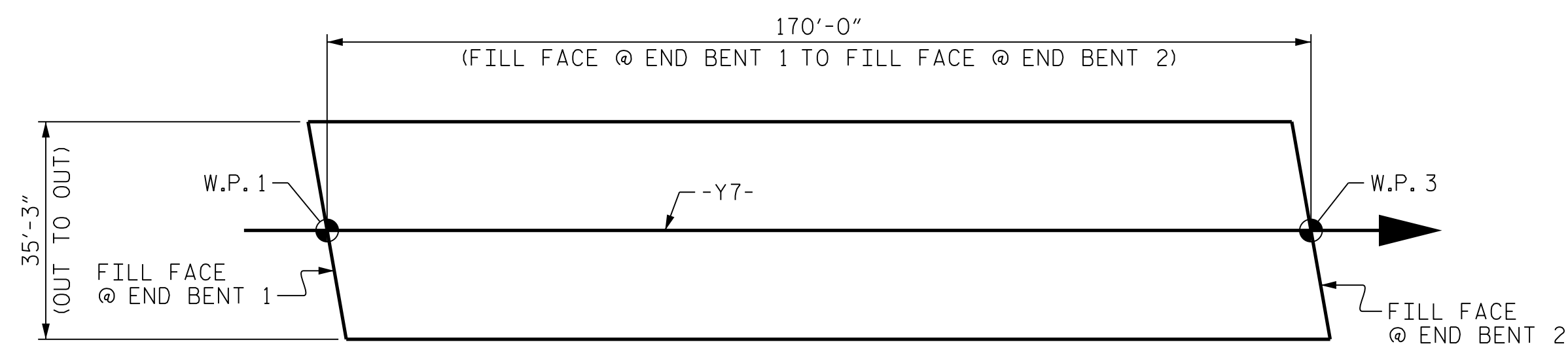


**POURING SEQUENCE**

POUR ② SHALL NOT BE STARTED UNTIL BOTH ADJACENT ① POURS REACH A MINIMUM OF 3,000 PSI.  
 ① → INDICATES POUR NUMBER AND DIRECTION OF POUR



LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB  
 (SQ. FT. = 5,993)

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

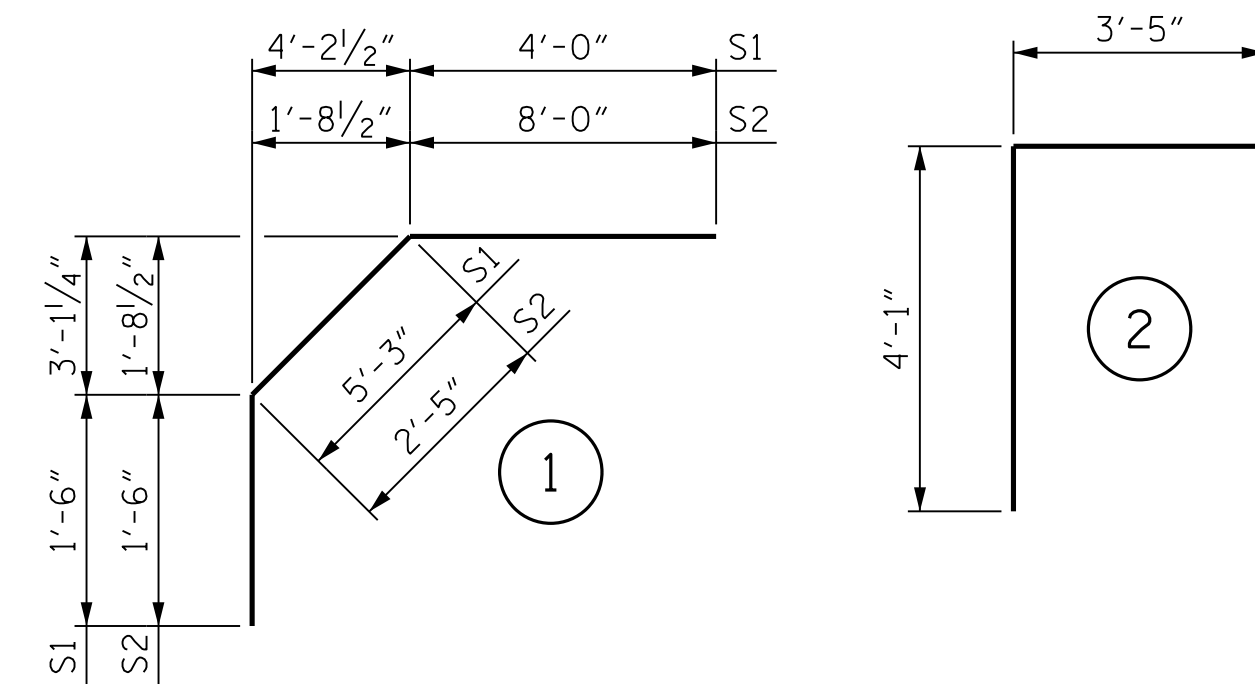
BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPETS, AND BARRIER RAILS		APPROACH SLABS		PARAPETS AND BARRIER RAILS
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	1'-11"	1'-7"	1'-11"	1'-7"	2'-6"
#5	2'-5"	2'-0"	2'-5"	2'-0"	3'-1"
#6	2'-10"	2'-5"	3'-7"	2'-5"	3'-8"
#7	4'-2"	2'-9"			
#8	4'-9"	3'-2"			

**REINFORCING BAR SCHEDULE**

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	299	#5	STR	34'-11"	10,889
A2	299	#5	STR	34'-11"	10,889
*A101	2	#5	STR	32'-9"	68
*A102	2	#5	STR	29'-8"	62
*A103	2	#5	STR	26'-7"	55
*A104	2	#5	STR	23'-7"	49
*A105	2	#5	STR	20'-6"	43
*A106	2	#5	STR	17'-5"	36
*A107	2	#5	STR	14'-4"	30
*A108	2	#5	STR	11'-3"	23
*A109	2	#5	STR	8'-2"	17
*A110	2	#5	STR	5'-1"	11
*A111	2	#5	STR	2'-1"	4
A201	2	#5	STR	32'-9"	68
A202	2	#5	STR	29'-8"	62
A203	2	#5	STR	26'-7"	55
A204	2	#5	STR	23'-7"	49
A205	2	#5	STR	20'-6"	43
A206	2	#5	STR	17'-5"	36
A207	2	#5	STR	14'-4"	30
A208	2	#5	STR	11'-3"	23
A209	2	#5	STR	8'-2"	17
A210	2	#5	STR	5'-1"	11
A211	2	#5	STR	2'-1"	4
B1	120	#5	STR	57'-4"	7,176
*B2	104	#5	STR	16'-8"	1,808
*B3	52	#4	STR	19'-8"	683
*B4	135	#4	STR	35'-2"	3,171
B5	43	#5	STR	44'-0"	1,973
*B6	52	#4	STR	36'-0"	1,250
*B7	78	#4	STR	21'-8"	1,129
K1	10	#4	STR	35'-5"	237
K2	6	#4	STR	6'-10"	27
K3	6	#4	STR	7'-8"	31
K4	12	#4	STR	8'-4"	67
K5	6	#4	STR	7'-4"	29
K6	4	#4	STR	2'-4"	6
K7	4	#4	STR	2'-9"	7
K8	8	#4	STR	3'-1"	16
K9	4	#4	STR	2'-7"	7
*S1	50	#4	1	10'-9"	359
*S2	54	#4	1	11'-11"	430
U1	54	#4	2	11'-7"	418

\*EPOXY COATED REINFORCING STEEL

**BAR TYPES**



ALL BAR DIMENSIONS ARE OUT TO OUT.

**— SUPERSTRUCTURE BILL OF MATERIAL —**

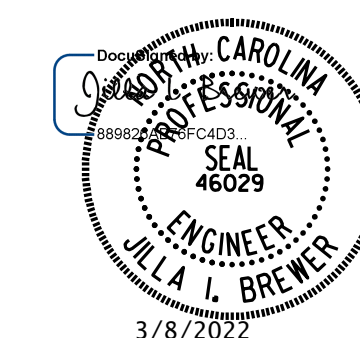
	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR #1	156.7	-	-
POUR #2	19.1	-	-
POUR #3	55.5	-	-
TOTALS**	231.3	21,281	20,117

\*\*QUANTITIES FOR CONCRETE BARRIER RAIL ARE NOT INCLUDED.

**GROOVING BRIDGE FLOORS**

APPROACH SLABS	1,411 SQ.FT.
BRIDGE DECK	4,881 SQ.FT.
TOTAL	6,292 SQ.FT.

PROJECT NO. I-5987B  
ROBESON COUNTY  
 STATION: 29+70.72 -Y7-



**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**

MI ENGINEERING  
 1011 SCHAUH DRIVE, SUITE 100  
 RALEIGH, NC 27606  
 (919) 851-6606  
 FIRM PE NUMBER: P-0671

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

STANDARD  
 SUPERSTRUCTURE  
 BILL OF MATERIAL

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

STD. NO. BOM2

3/8/2022 10:38:07 AM User: blanning  
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ASSEMBLED BY: D.R. BROWN	DATE: 03/2021
CHECKED BY: J.I. BREWER	DATE: 03/2021
DESIGN ENGINEER OF RECORD: J.I. BREWER	DATE: 12/2021
DRAWN BY: EEM 3/95	REV. 5/7/03R RWW/JTE
CHECKED BY: VAP 3/95	REV. 5/1/06RR KMM/GM
	REV. 10/1/11 MAA/GM