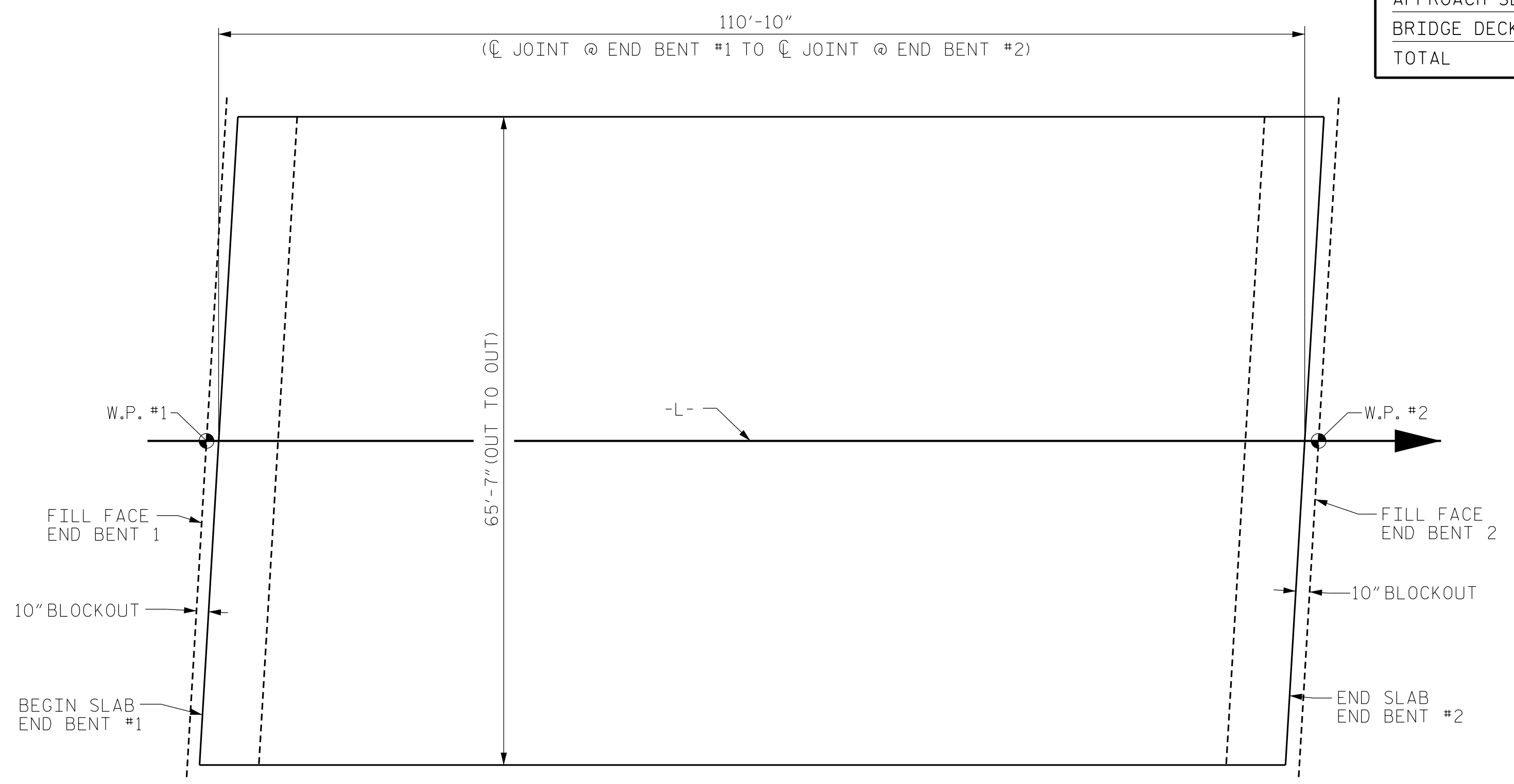


POURING SEQUENCE



GROOVING BRIDGE FLOORS

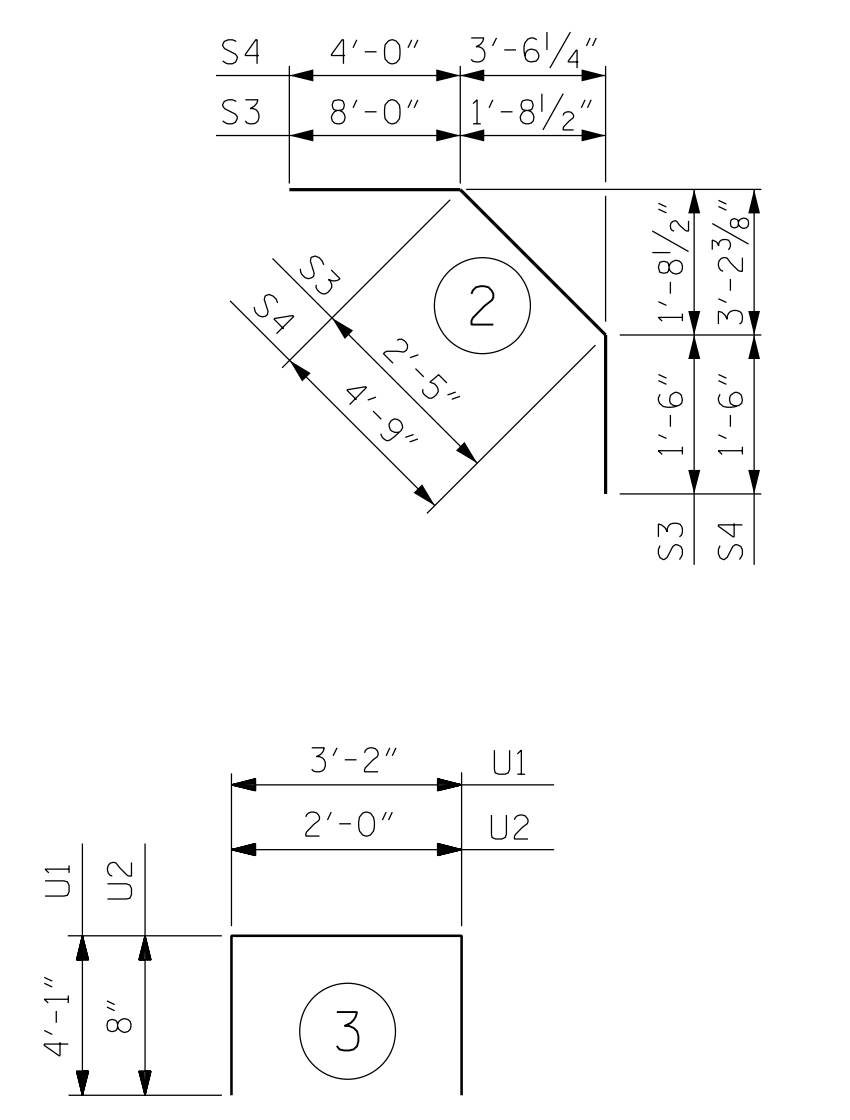
APPROACH SLABS	2,368	SQ.FT.
BRIDGE DECK	5,415	SQ.FT.
TOTAL	7,783	SQ.FT.

BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	428	#5	STR	33'-10"	15,103
* A2	2	#5	STR	57'-0"	119
* A3	2	#5	STR	48'-7"	101
* A4	2	#5	STR	40'-3"	84
* A5	2	#5	STR	31'-10"	66
* A6	2	#5	STR	23'-5"	49
* A7	2	#5	STR	15'-0"	31
* A8	2	#5	STR	6'-7"	14
A9	428	#5	STR	33'-7"	14,992
A10	2	#5	STR	57'-0"	119
A11	2	#5	STR	48'-7"	101
A12	2	#5	STR	40'-3"	84
A13	2	#5	STR	31'-10"	66
A14	2	#5	STR	23'-5"	49
A15	2	#5	STR	15'-0"	31
A16	2	#5	STR	6'-7"	14
* B1	132	#4	STR	38'-2"	3,365
B2	160	#5	STR	56'-3"	9,387
* B3	176	#6	STR	22'-4"	5,904
* B4	36	#4	STR	38'-2"	918
* G2	224	#4	STR	6'-3"	935
K1	20	#4	STR	33'-5"	446
K2	12	#4	STR	7'-4"	59
K3	24	#4	STR	7'-10"	126
K4	24	#4	STR	8'-10"	142
K5	4	#4	STR	1'-9"	5
K6	8	#4	STR	2'-0"	11
K7	8	#4	STR	2'-6"	13
* S3	108	#4	2	11'-11"	860
* S4	108	#4	2	10'-3"	739
U1	108	#4	3	11'-4"	818
* U2	64	#4	3	3'-4"	143

* EPOXY COATED

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

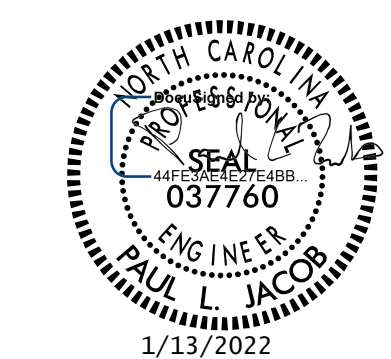
SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	* EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	208.9		
POUR 2	104.1		
SIDEWALK	38.7		
TOTALS	351.6	26,463	28,431

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"			

PROJECT NO. B-5737
ROCKINGHAM COUNTY
 STATION: 20+86.07 -L-



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE BILL OF MATERIAL

DRAWN BY : J. LOFTUS DATE : 03-2021
 CHECKED BY : P. JACOB DATE : 07-2021
 DESIGN ENGINEER OF RECORD: J. LOFTUS DATE : 04-2021

moffatt & nichol
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 RALEIGH, NORTH CAROLINA 27609
 (919) 781-4626 VOICE (919) 781-4869 FAX
 NC License No.: F-0105

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS

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

SHEET NO. S-20
 TOTAL SHEETS 29

1/12/2022 02:14:10 PM I:\001-103\B5737-Structures\01-CADD\03-Final Drawings\01_039_B5737-SMU_BMOI_020_780108.dgn p.jacob