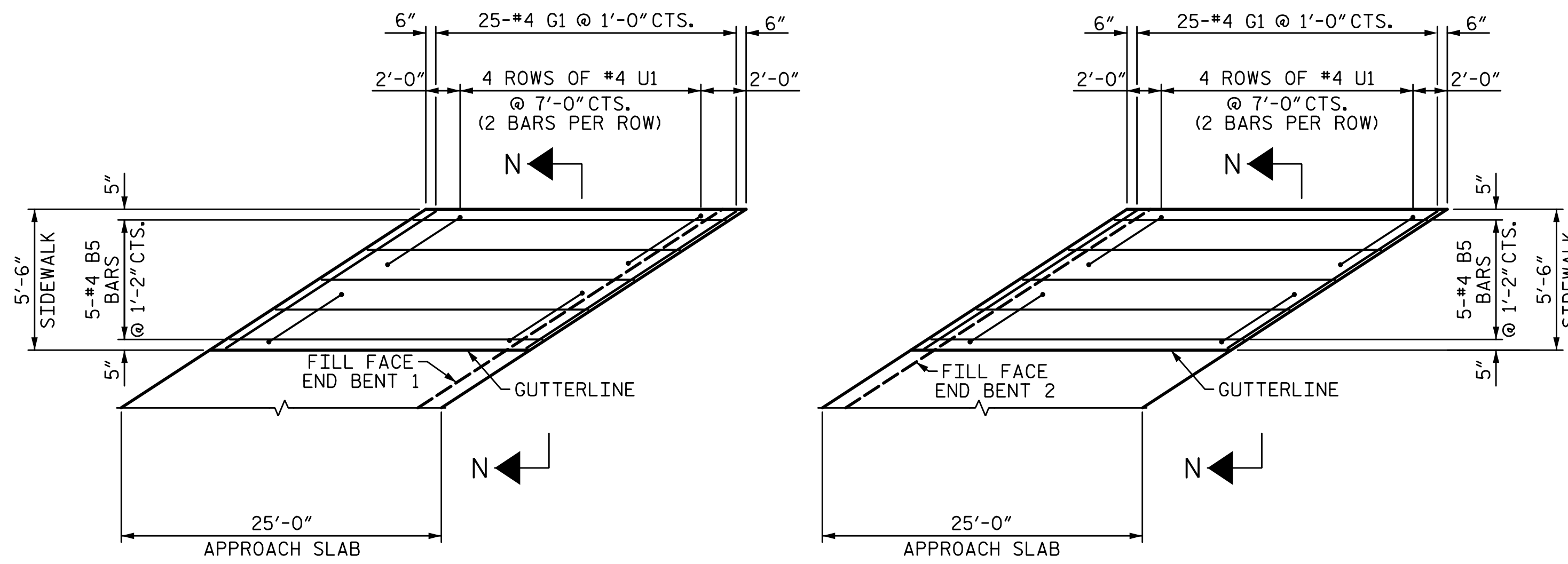


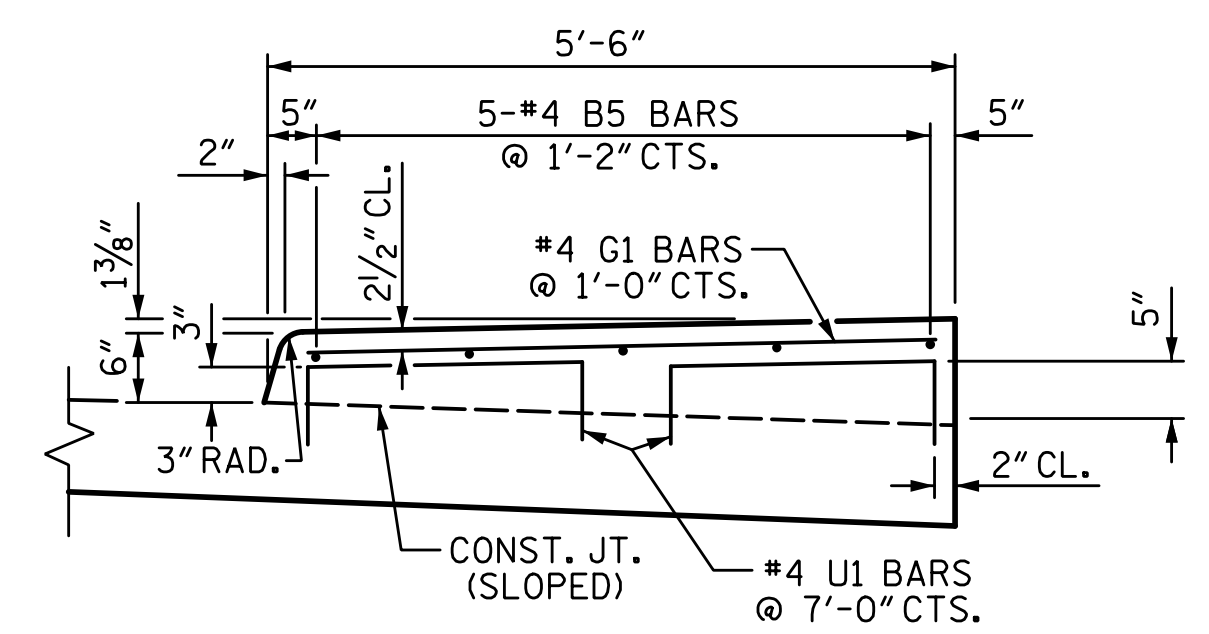
11/21/2022 10:19:15 AM P:\Raleigh\Projects\2018\Division 13 (SEA)\B-5869 (Burke 99)\Structures\Drawings\2\Final\2\B5869_SMU_AS_110099(2).dgn



APPROACH SLAB @ END BENT 1
STAGE III

APPROACH SLAB @ END BENT 2
STAGE III

PLAN OF SIDEWALKS



SECTION N-N

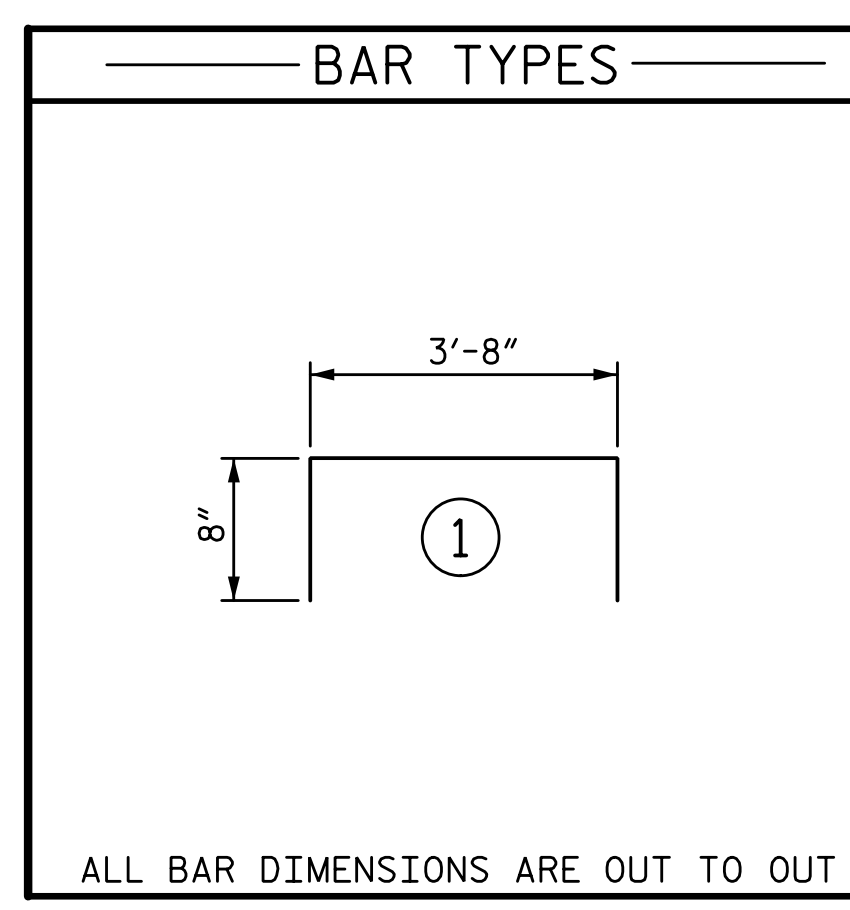
NOTES:

ALL REINFORCING STEEL IN THE SIDEWALK SHALL BE EPOXY COATED.

GROOVED CONTRACTION JOINTS, 1/2" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE SIDEWALK IN ACCORDANCE WITH THE ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINTS SHALL BE LOCATED AT A SPACING OF 8 FT. TO 10 FT. BETWEEN EXPANSION JOINTS. NO CONTRACTION JOINT WILL BE REQUIRED FOR SEGMENTS LESS THAN 10 FT. IN LENGTH.

U1 BARS MAY BE PUSHED INTO GREEN CONCRETE AFTER THE APPROACH SLAB HAS BEEN SCREEDED OFF.

SEE "STRIP SEAL EXPANSION JOINT DETAILS FOR SIDEWALK" SHEETS FOR SIDEWALK COVER PLATES AT END BENTS.



ALL BAR DIMENSIONS ARE OUT TO OUT

SPLICE CHART

BAR SIZE	EPOXY COATED	UNCOATED
#4	1'-11"	1'-7"
#5	2'-5"	2'-0"
#6	3'-7"	2'-5"

BILL OF MATERIAL						BILL OF MATERIAL					
APPROACH SLAB @ END BENT 1 (STAGE II)						APPROACH SLAB @ END BENT 2 (STAGE II)					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	75	#4	STR	30'-11"	1549	*A1	75	#4	STR	30'-11"	1549
A2	78	#4	STR	30'-8"	1598	A2	78	#4	STR	30'-8"	1598
*B1	98	#5	STR	23'-9"	2428	*B1	98	#5	STR	23'-9"	2428
B2	98	#6	STR	24'-4"	3582	B2	98	#6	STR	24'-4"	3582
*D1	25	#6	STR	6'-0"	225	*D1	25	#6	STR	6'-0"	225
REINFORCING STEEL 5180 LB						REINFORCING STEEL 5180 LB					
*EPOXY COATED REINFORCING STEEL 4202 LB						*EPOXY COATED REINFORCING STEEL 4256 LB					
CLASS AA CONCRETE BREAKDOWN POUR 1 (SLAB) 56.2 CY						CLASS AA CONCRETE BREAKDOWN POUR 1 (SLAB) 56.2 CY					
TOTAL 56.2 CY						TOTAL 57.7 CY					

BILL OF MATERIAL						BILL OF MATERIAL					
APPROACH SLAB @ END BENT 1 (STAGE III)						APPROACH SLAB @ END BENT 2 (STAGE III)					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A3	50	#4	STR	31'-4"	1047	*A3	50	#4	STR	31'-4"	1047
A4	52	#4	STR	31'-2"	1083	A4	52	#4	STR	31'-2"	1083
*B3	67	#5	STR	23'-9"	1660	*B3	67	#5	STR	23'-9"	1660
B4	67	#6	STR	24'-4"	2449	B4	67	#6	STR	24'-4"	2449
*B5	5	#4	STR	24'-4"	81	*B5	5	#4	STR	24'-4"	81
*G1	25	#4	STR	9'-2"	153	*G1	25	#4	STR	9'-2"	153
*U1	8	#4	1	5'-0"	27	*U1	8	#4	1	5'-0"	27
REINFORCING STEEL 3532 LB						REINFORCING STEEL 3532 LB					
*EPOXY COATED REINFORCING STEEL 2968 LB						*EPOXY COATED REINFORCING STEEL 2968 LB					
CLASS AA CONCRETE BREAKDOWN POUR 1 (SLAB) 38.6 CY						CLASS AA CONCRETE BREAKDOWN POUR 1 (SLAB) 38.6 CY					
POUR 2 (SIDEWALK) 3.2 CY						POUR 2 (SIDEWALK) 3.2 CY					
TOTAL 41.8 CY						TOTAL 41.8 CY					

* INDICATES EPOXY COATED REINFORCING STEEL

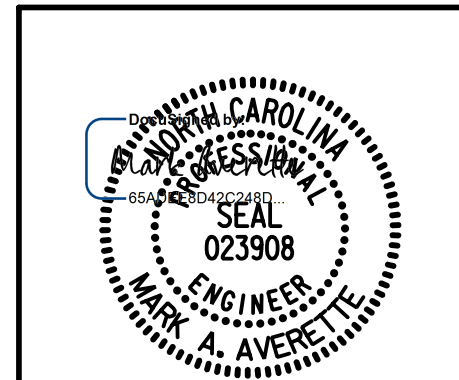
* INDICATES EPOXY COATED REINFORCING STEEL

PROJECT NO. B-5869
BURKE COUNTY
 STATION: 21+62.39 -L-

SHEET 3 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

BRIDGE APPROACH
 SLAB DETAILS



11/21/2022 | 7:43 AM

DRAWN BY: <u>S.D. COOPER</u>	DATE: <u>3-2022</u>
CHECKED BY: <u>M. AVERETTE</u>	DATE: <u>3-2022</u>
DESIGN ENGINEER OF RECORD: <u>M. AVERETTE</u>	DATE: <u>3-2022</u>

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

TOTAL SHEETS	72
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DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED