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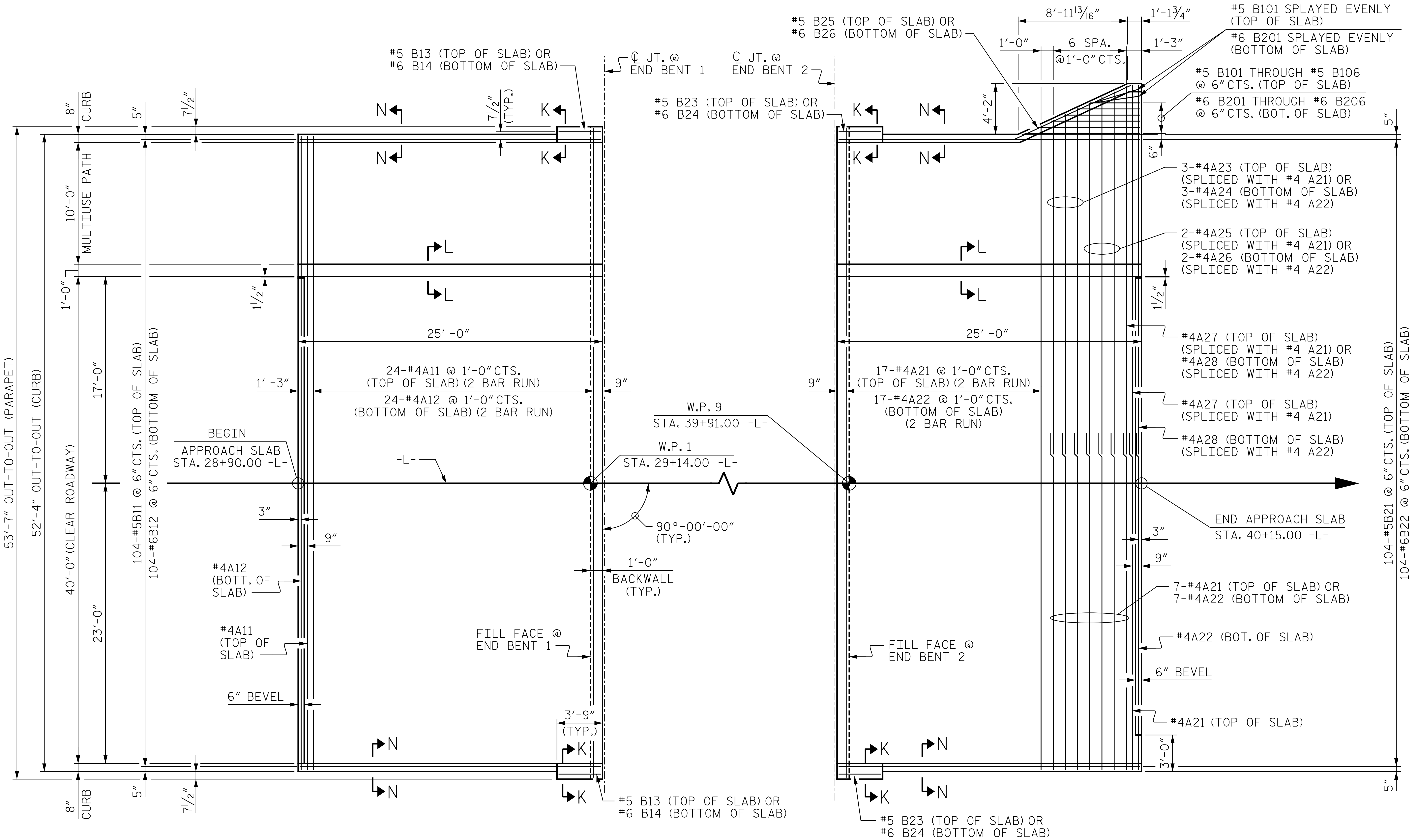

PLAN @ END BENT 1

PLAN @ END BENT 2

BILL OF MATERIAL

APPROACH SLAB AT END BENT 1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ A11	50	#4	STR	27′-7″	921
A12	50	#4	STR	27′-5″	916
✳ B11	104	#5	STR	24′-1″	2,612
B12	104	#6	STR	24′-7″	3,840
✳ B13	2	#5	STR	3′-5″	7
B14	2	#6	STR	3′-5″	10

REINFORCING STEEL ✳✳ 4,766 LBS.
✳ EPOXY COATED REINFORCING STEEL ✳✳ 3,540 LBS.
CLASS AA CONCRETE ✳✳ 57.1 C. Y.

APPROACH SLAB AT END BENT 2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ A21	42	#4	STR	27′-7″	774
A22	42	#4	STR	27′-5″	769
✳ A23	3	#4	STR	28′-7″	57
A24	3	#4	STR	28′-5″	57
✳ A25	3	#4	STR	30′-0″	60
A26	3	#4	STR	29′-10″	60
✳ A27	2	#4	STR	30′-6″	41
A28	2	#4	STR	30′-4″	41
✳ B21	104	#5	STR	24′-1″	2,612
B22	104	#6	STR	24′-7″	3,840
✳ B23	2	#5	STR	3′-5″	7
B24	2	#6	STR	3′-5″	10
✳ B25	1	#5	STR	10′-5″	11
B26	1	#6	STR	10′-5″	16
✳ B101	3	#5	STR	3′-7″	11
✳ B102	1	#5	STR	4′-11″	5
✳ B103	1	#5	STR	6′-0″	6
✳ B104	1	#5	STR	7′-1″	7
✳ B105	1	#5	STR	8′-2″	9
✳ B106	1	#5	STR	9′-3″	10
B201	3	#6	STR	3′-7″	16
B202	1	#6	STR	4′-11″	7
B203	1	#6	STR	6′-0″	9
B204	1	#6	STR	7′-1″	11
B205	1	#6	STR	8′-2″	12
B206	1	#6	STR	9′-3″	14

REINFORCING STEEL ✳✳ 4,862 LBS.
✳ EPOXY COATED REINFORCING STEEL ✳✳ 3,610 LBS.
CLASS AA CONCRETE ✳✳ 58.8 C. Y.

✳✳ QUANTITIES FOR VERTICAL BARRIER RAIL AND END POST ARE NOT INCLUDED. SEE SHEET 3 OF 3.

NOTES:

FOR BRIDGE APPROACH FILL, SEE ROADWAY PLANS.

APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE BRIDGE DECK.

AREA BETWEEN THE WINGWALL AND APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE AND SHALL BE PAVED. SEE ROADWAY PLANS.

SPLICE LENGTHS

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

PROJECT NO. R-3430B
BURKE & CALDWELL COUNTY
STATION: 34+52.50 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT

DocuSigned by:
Ryan D. Fisher
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029360
RYAN D. FISHER
7/8/2025

DRAWN BY :	M. SPENCER	DATE :	09/2023
CHECKED BY :	R. FISHER	DATE :	09/2023
DESIGN ENGINEER OF RECORD:		DATE :	

GANNETT FLEMING
One Glenwood Avenue
Suite 900
Raleigh, NC 27603
919-420-7660
NC Lic. No. F-0270

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

SHEET NO. S-56
TOTAL SHEETS 61