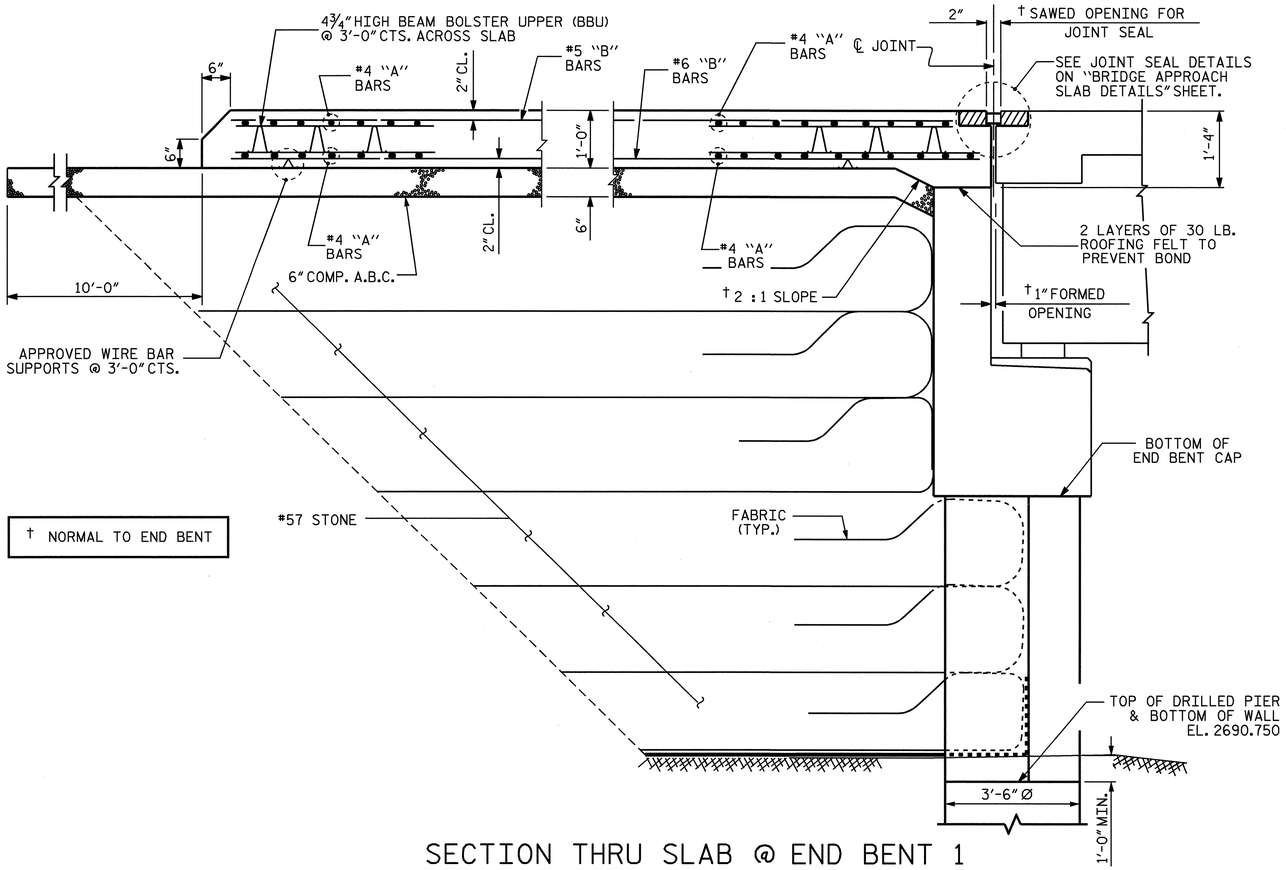
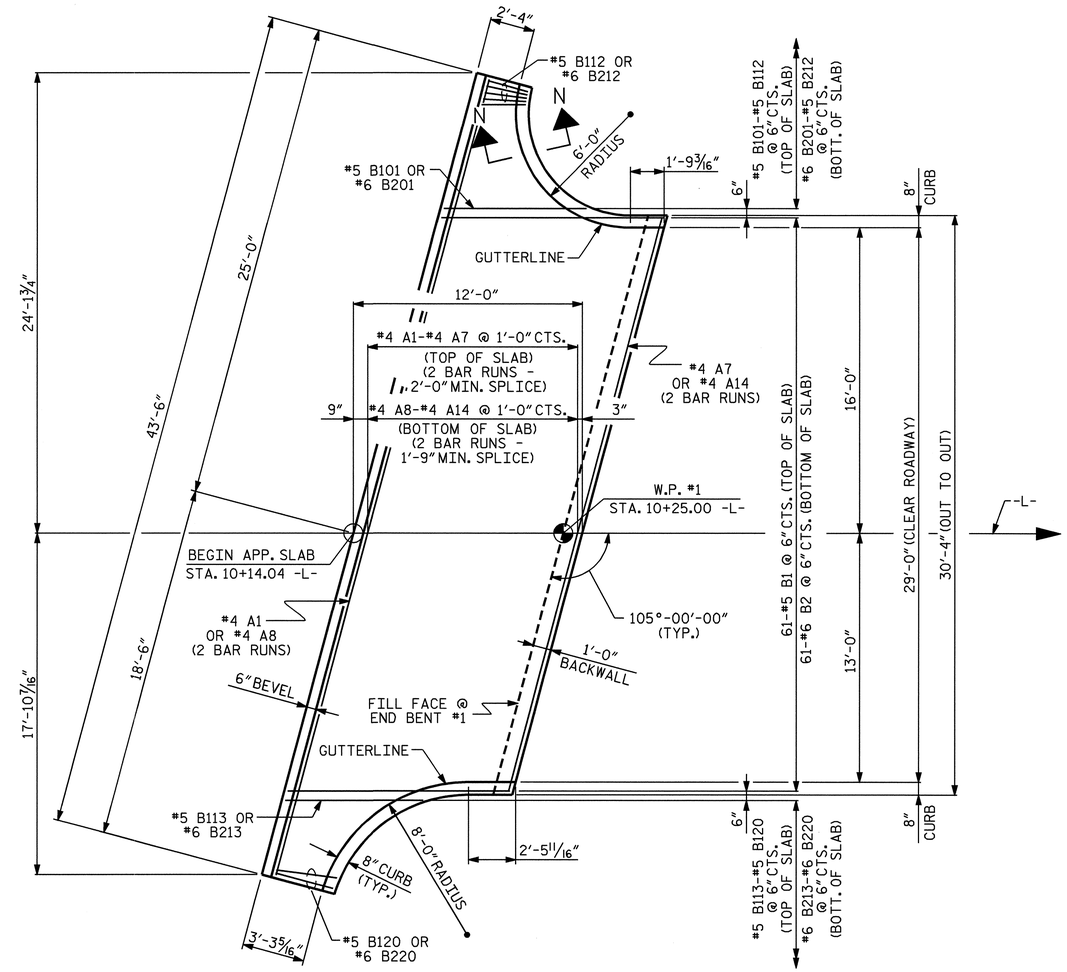


SECTION THRU SLAB @ END BENT 1



PLAN @ END BENT 1

NOTES

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

THE 6" COMP. A.B.C. SHALL EXTEND 10'-0" BEYOND THE END OF THE APPROACH SLAB AND 1'-0" OUTSIDE OF EACH EDGE OF SLAB.

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.

THE CONTRACTOR MAY USE 4" TYPE B-25.0B ASPHALT CONCRETE BASE COURSE IN LIEU OF 6" COMP. A.B.C. IF THIS OPTION IS USED, THE BASE COURSE SHALL EXTEND 1'-0" BEYOND THE END OF THE APPROACH SLAB AND THE WIDTH SHALL BE THE SAME AS THAT OF THE APPROACH SLAB.

THE CONTRACTOR MAY USE 5" CLASS "A" CONCRETE BASE IN LIEU OF 6" COMP. A.B.C. IF THIS OPTION IS USED, THE CONCRETE BASE SHALL EXTEND 1'-0" BEYOND THE END OF THE APPROACH SLAB AND THE WIDTH SHALL BE THE SAME AS THAT OF THE APPROACH SLAB. THE CONCRETE SHALL BE FINISHED TO A SMOOTH SURFACE AND A LAYER OF 30 LB ROOFING FELT SHALL BE PLACED BETWEEN THE CONCRETE BASE AND THE APPROACH SLAB TO PREVENT BOND. THE APPROACH SLAB SHALL NOT BE CAST UNTIL THE CONCRETE BASE HAS REACHED AN AGE OF THREE CURING DAYS.

THE JOINT SHALL BE SAWED PRIOR TO THE CASTING OF THE PARAPET AND END POST.

FOR EVAZOTE JOINT SEALS, SEE SPECIAL PROVISIONS.

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE EVAZOTE JOINT SEAL SHALL BE 2 ½".

THE #57 STONE AND FABRIC AT END BENT 1 WILL BE PAID FOR UNDER THE LUMP SUM PRICE FOR BRIDGE APPROACH SLAB.

PLACEMENT OF THE #57 STONE AND FABRIC SHALL EXTEND TO THE ENDS OF THE WALL AND TO WITHIN 2 FT. OF THE TOP OF THE WALL.

THE COST OF THE ELASTOMERIC CONCRETE IS INCLUDED IN THE PAY ITEM FOR "EVAZOTE JOINT SEALS."

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

FOR CURB DETAILS, SEE SHEET 2 OF 3.

ASSEMBLED BY : J.B. WILSON DATE : 10/01/05
CHECKED BY : K.P. SEDAI DATE : 10/05/05

BILL OF MATERIAL (END BENT 1)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ A1	6	#4	STR	22'-7"	91	✳ B108	1	#5	STR	3'-0"	3	B209	1	#6	STR	3'-3"	5
✳ A2	2	#4	STR	21'-4"	29	✳ B109	1	#5	STR	2'-9"	3	B210	1	#6	STR	3'-1"	5
✳ A3	2	#4	STR	19'-3"	26	✳ B110	1	#5	STR	2'-7"	3	B211	1	#6	STR	2'-11"	4
✳ A4	2	#4	STR	18'-1"	24	✳ B111	1	#5	STR	2'-5"	3	B212	4	#6	STR	2'-8"	16
✳ A5	2	#4	STR	17'-6"	23	✳ B112	4	#5	STR	2'-2"	9	B213	1	#6	STR	6'-11"	10
✳ A6	2	#4	STR	17'-0"	23	✳ B113	1	#5	STR	6'-5"	7	B214	1	#6	STR	6'-0"	9
✳ A7	8	#4	STR	16'-8"	89	✳ B114	1	#5	STR	5'-6"	6	B215	1	#6	STR	5'-4"	8
A8	6	#4	STR	22'-6"	90	✳ B115	1	#5	STR	4'-10"	5	B216	1	#6	STR	4'-11"	7
A9	2	#4	STR	21'-2"	28	✳ B116	1	#5	STR	4'-4"	5	B217	1	#6	STR	4'-6"	7
A10	2	#4	STR	19'-1"	25	✳ B117	1	#5	STR	4'-0"	4	B218	1	#6	STR	4'-3"	6
A11	2	#4	STR	18'-0"	24	✳ B118	1	#5	STR	3'-9"	4	B219	2	#6	STR	3'-11"	12
A12	2	#4	STR	17'-4"	23	✳ B119	2	#5	STR	3'-5"	7	B220	2	#6	STR	3'-7"	11
A13	2	#4	STR	16'-11"	23	✳ B120	2	#5	STR	3'-1"	6						
A14	8	#4	STR	16'-7"	89												
						B2	61	#6	STR	11'-7"	1061						
✳ B1	61	#5	STR	10'-7"	673	B201	1	#6	STR	7'-6"	11						
✳ B101	1	#5	STR	6'-11"	7	B202	1	#6	STR	6'-6"	10						
✳ B102	1	#5	STR	5'-11"	6	B203	1	#6	STR	5'-9"	9						
✳ B103	1	#5	STR	5'-2"	5	B204	1	#6	STR	5'-1"	8						
✳ B104	1	#5	STR	4'-7"	5	B205	1	#6	STR	4'-7"	7						
✳ B105	1	#5	STR	4'-1"	4	B206	1	#6	STR	4'-2"	6						
✳ B106	1	#5	STR	3'-8"	4	B207	1	#6	STR	3'-10"	6						
✳ B107	1	#5	STR	3'-4"	3	B208	1	#6	STR	3'-6"	5						

REINFORCING STEEL	1525 LBS.
✳ EPOXY COATED REINFORCING STEEL	1077 LBS.
CLASS AA CONCRETE	15.7 C.Y.

PROJECT NO. B-3805
ASHE COUNTY
STATION: 10+63.50 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB FOR END BENT 1

NORTH CAROLINA PROFESSIONAL SEAL 14855 ENGINEER DOUGLAS R. CALHOUN
11-14-05

REVISIONS								SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:			S-24
1			3					TOTAL SHEETS
2			4					26

14-NOV-2005 10:15
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gallen