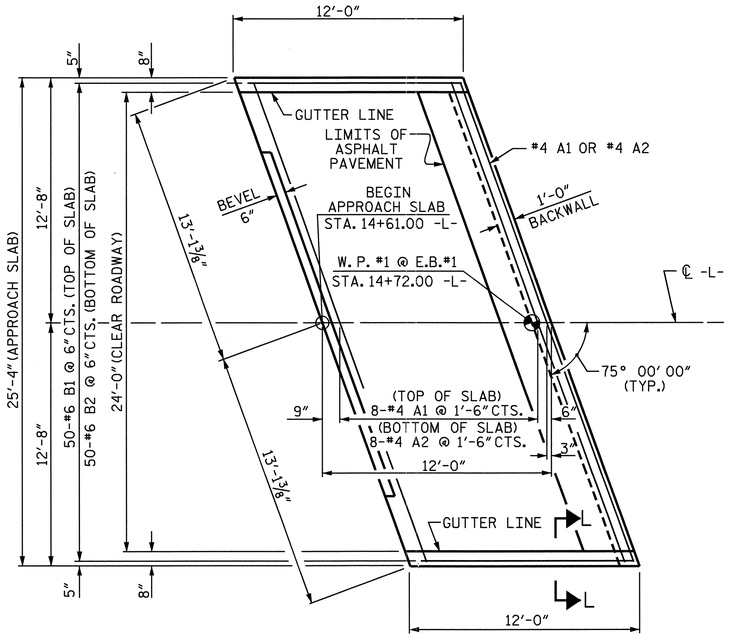
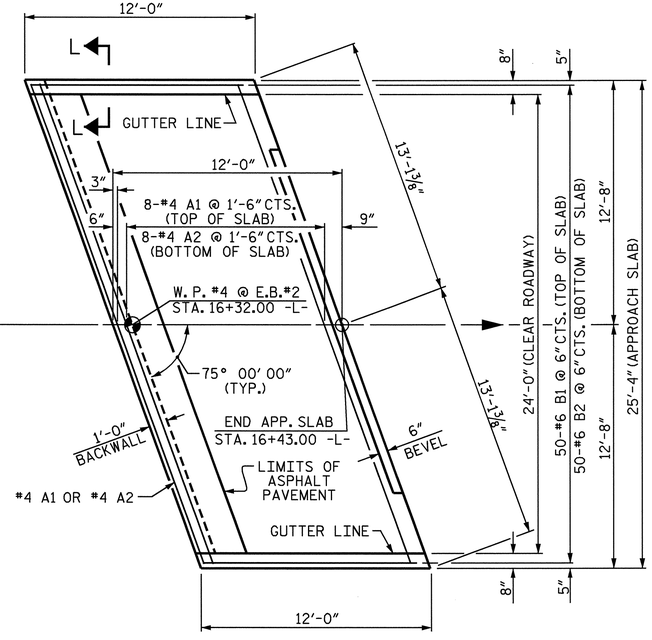
w:\squadh\b3485\jkharva\b3485\drawings\B3485_SD_AS_01.DGN
jkharva



PLAN AT END BENT #1



PLAN AT END BENT #2

NOTES

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

FOR REINFORCED BRIDGE APPROACH FILL INCLUDING FABRIC, IMPERMEABLE GEOMEMBRANE, 4'' Ø DRAINAGE PIPE, #78M STONE, AND SELECT MATERIAL, SEE ROADWAY PLANS.

TEMPORARY DRAINAGE AND TEMPORARY BERM AND SLOPE DRAINS WILL BE PAID FOR UNDER THE LUMP SUM PRICE FOR BRIDGE APPROACH 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 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.

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.

APPROACH SLAB GROOVING IS NOT REQUIRED. TINE CONCRETE ONLY WITHIN THE LIMITS OF THE ASPHALT PAVEMENT AND IN ACCORDANCE WITH ARTICLE 422-3 OF THE STANDARD SPECIFICATIONS.

WITH EVAZOTE JOINT SEAL

FOR EVAZOTE JOINT SEALS, SEE SPECIAL PROVISIONS.

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

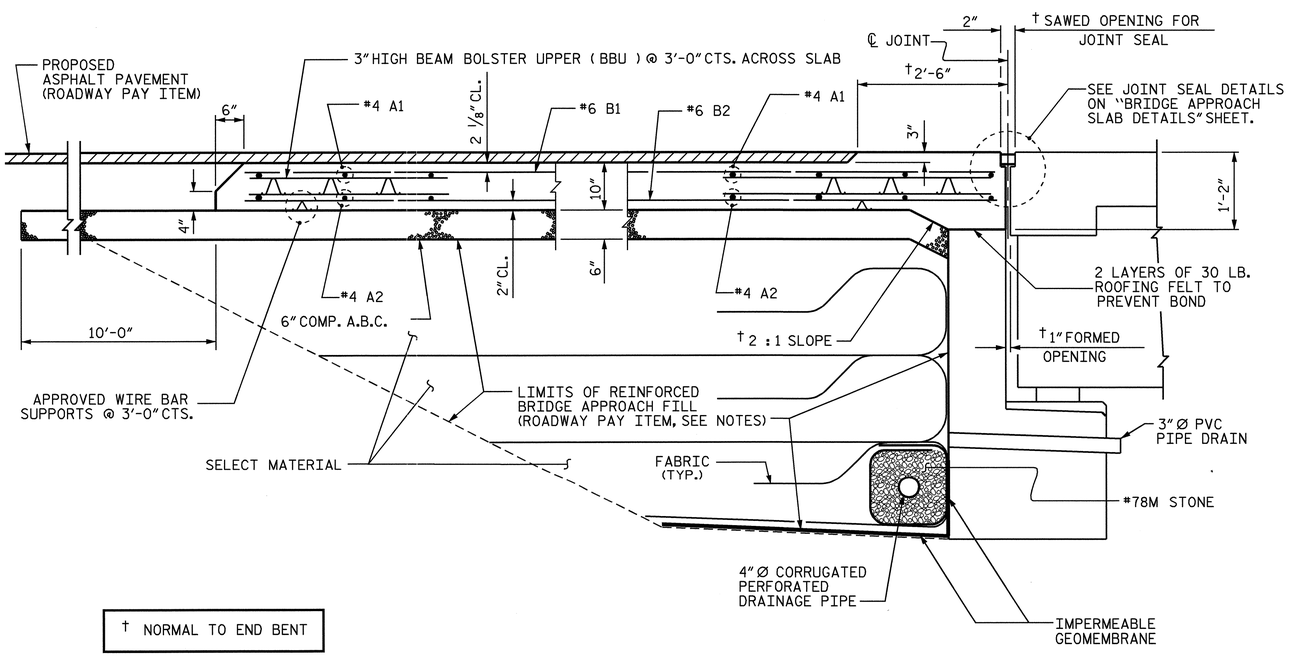
BILL OF MATERIAL

APPROACH SLAB AT E.B. #1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳A1	9	#4	STR	25'-10"	155
A2	9	#4	STR	25'-8"	154
✳B1	50	#6	STR	11'-2"	839
B2	50	#6	STR	11'-8"	876
REINFORCING STEEL				LBS.	994
✳EPOXY COATED REINFORCING STEEL				LBS.	1030
CLASS AA CONCRETE				C. Y.	11.1

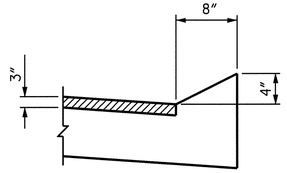
APPROACH SLAB AT E.B. #2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳A1	9	#4	STR	25'-10"	155
A2	9	#4	STR	25'-8"	154
✳B1	50	#6	STR	11'-2"	839
B2	50	#6	STR	11'-8"	876
REINFORCING STEEL				LBS.	994
✳EPOXY COATED REINFORCING STEEL				LBS.	1030
CLASS AA CONCRETE				C. Y.	11.1

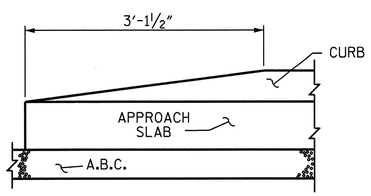


† NORMAL TO END BENT

SECTION THRU SLAB



SECTION L-L



END OF CURB WITHOUT SHOULDER BERM GUTTER

CURB DETAILS

ASSEMBLED BY : J. G. KHARVA	DATE : 02-25-03
CHECKED BY : J. D. HAWK	DATE : 05-29-03
DRAWN BY : EEM 3/95	REV. 10/17/00 RWW/LES
CHECKED BY : VAP 3/95	REV. 7/10/01 LES/RDR
	REV. 5/1/03 RWW/JTE

PROJECT NO. B-3485

MACON COUNTY

STATION: 15+52.00 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT

MAR. 1995

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-31
1			3			TOTAL SHEETS
2			4			32

NORTH CAROLINA PROFESSIONAL SEAL 11905 ENGINEER WILLIAM A. DAVIS
11/5/04

STD. NO. BAS4