

NOTES

THE COST OF THE BARRIER RAIL ON THE APPROACH SLAB SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE BID FOR BRIDGE APPROACH SLABS.

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 BARRIER RAIL.

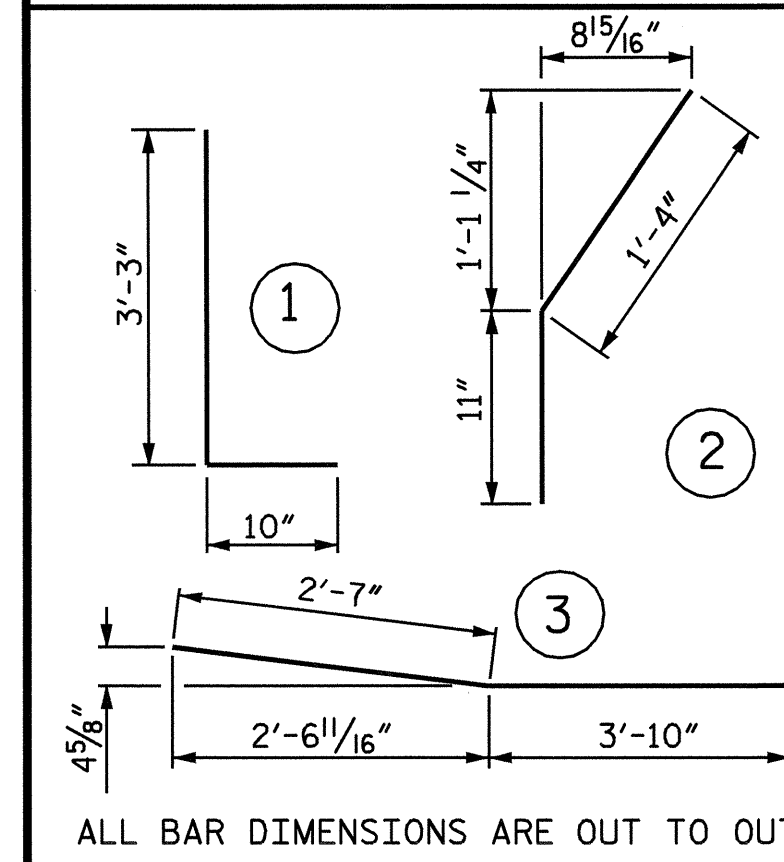
WITH EVAZOTE JOINT SEAL

FOR EVAZOTE JOINT SEALS, SEE SPECIAL PROVISIONS.

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE EVAZOTE JOINT SEAL SHALL BE 2 1/2".

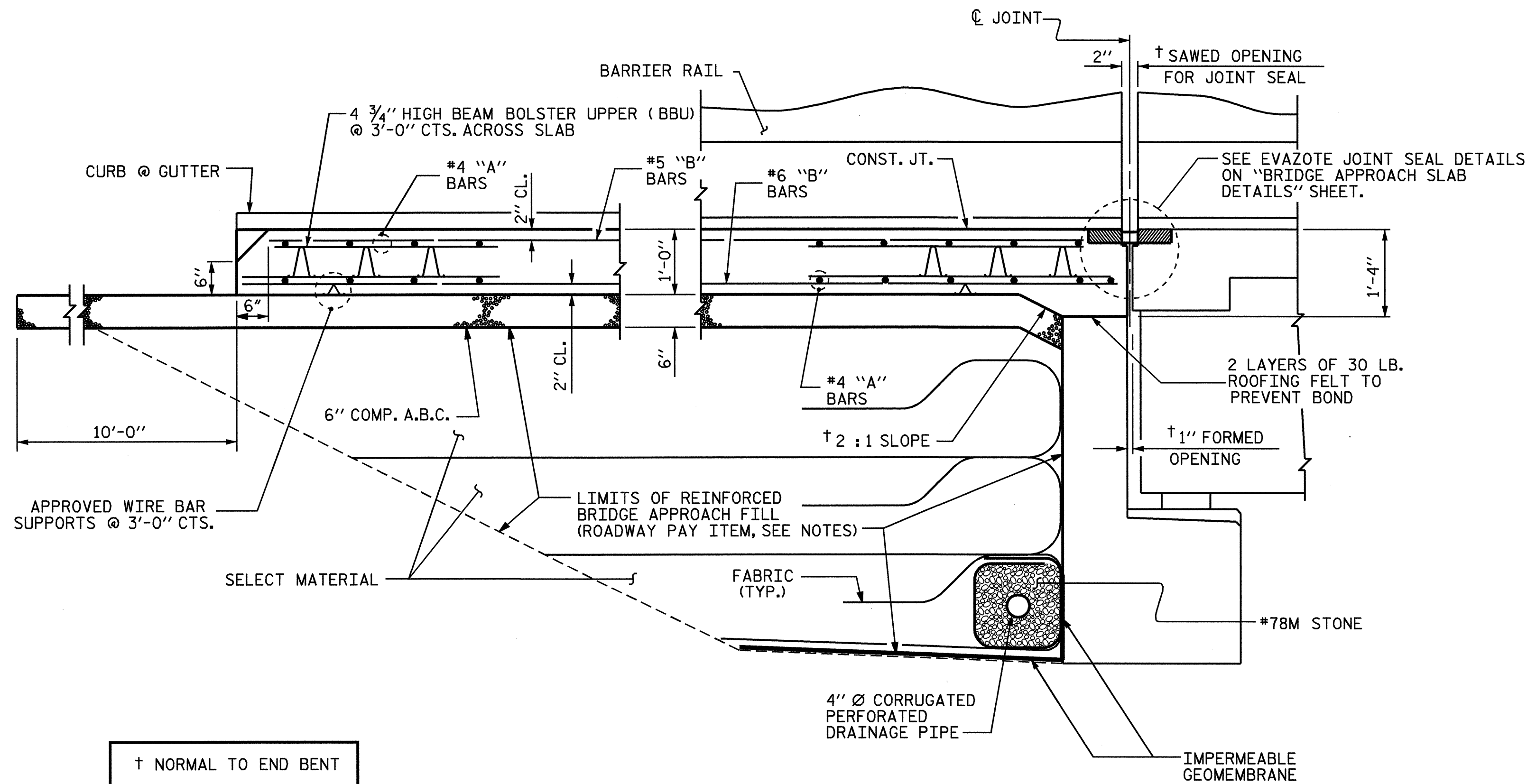
FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

BAR TYPES



BILL OF MATERIAL

APPROACH SLAB #1						APPROACH SLAB #2							
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT		
*A1	30	#4	STR	16'-6"	331	*A1	30	#4	STR	16'-6"	331		
A2	30	#4	STR	16'-5"	329	A2	30	#4	STR	16'-5"	329		
*B1	61	#5	STR	14'-2"	901	*B1	61	#5	STR	14'-2"	901		
B2	61	#6	STR	14'-8"	1344	B2	61	#6	STR	14'-8"	1344		
*B3	2	#5	STR	11'-8"	24	*B3	2	#5	STR	11'-8"	24		
B4	2	#6	STR	11'-8"	35	B4	2	#6	STR	11'-8"	35		
*B5	14	#5	STR	11'-8"	170	*B5	14	#5	STR	11'-8"	170		
B6	2	#5	3	6'-5"	13	B6	2	#5	3	6'-5"	13		
*S1	56	#5	STR	3'-3"	190	*S1	56	#5	STR	3'-3"	190		
S2	40	#5	1	4'-1"	170	S2	40	#5	1	4'-1"	170		
S3	20	#5	2	2'-3"	47	S3	20	#5	2	2'-3"	47		
REINFORCING STEEL					LBS.	1708	REINFORCING STEEL					LBS.	1708
*EPOXY COATED REINFORCING STEEL					LBS.	1846	*EPOXY COATED REINFORCING STEEL					LBS.	1846
CLASS AA CONCRETE BREAKDOWN						CLASS AA CONCRETE BREAKDOWN							
POUR 1	SLAB AND CURB	C. Y.	20.1			POUR 1	SLAB AND CURB	C. Y.	20.1				
POUR 2	RAIL	C. Y.	2.1			POUR 2	RAIL	C. Y.	2.1				
CLASS AA CONCRETE			C. Y.	22.2		CLASS AA CONCRETE			C. Y.	22.2			



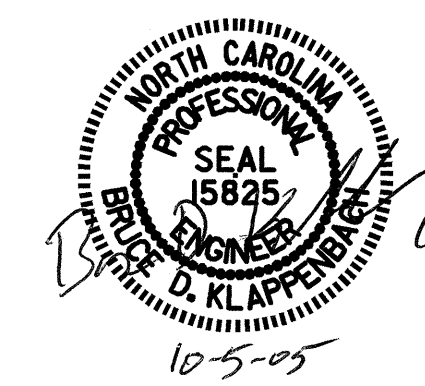
SECTION THRU SLAB

PROJECT NO. B-3877
NASH COUNTY
 STATION: 25+80.65 -L-

SHEET 1 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

STANDARD
 BRIDGE APPROACH SLAB
 FOR FLEXIBLE PAVEMENT
 WITH BARRIER RAIL



ASSEMBLED BY : D. A. GLADDEN DATE : 11-23-04
 CHECKED BY : K. McCAULEY DATE : 8-18-05
 DRAWN BY : LES 8/01 REV. 5/7/03R RWW/JTE
 CHECKED BY : RDR 8/01

REVISIONS						TOTAL SHEETS
NO.	BY:	DATE:	NO.	BY:	DATE:	33
1			3			
2			4			

STD. NO. BAS5