

NOTES

THE COST OF THE BARRIER RAIL, PARAPET AND END POST 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, 102mm 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.

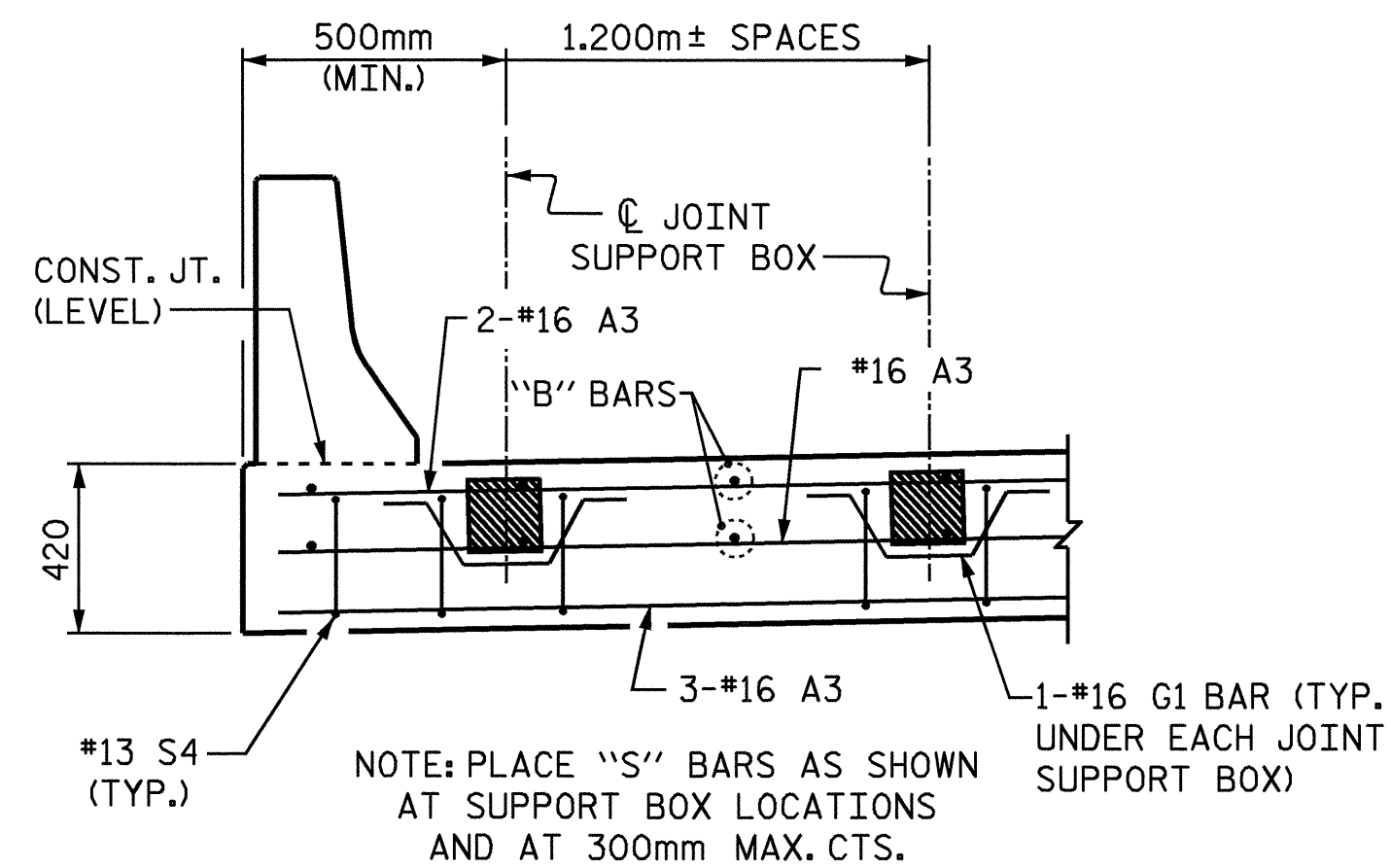
THE CONTRACTOR MAY USE 100mm TYPE B-25.0B ASPHALT CONCRETE BASE COURSE IN LIEU OF 125mm CLASS A CONCRETE. THE 100mm TYPE B-25.0B ASPHALT CONCRETE BASE SHALL EXTEND 300mm BEYOND THE END OF THE APPROACH SLAB AND THE WIDTH SHALL BE THE SAME AS THAT OF THE APPROACH SLAB.

THE 125mm CLASS A CONCRETE BASE COURSE SHALL BE FINISHED TO A SMOOTH SURFACE AND A LAYER OF 13.6 kg ROOFING FELT SHALL BE PLACED BETWEEN CONCRETE BASE AND THE APPROACH SLAB TO PREVENT BOND. THE CONCRETE BASE COURSE SHALL EXTEND 300mm BEYOND THE END OF THE APPROACH SLAB AND THE WIDTH SHALL BE THE SAME AS THAT OF THE APPROACH SLAB. THE APPROACH SLAB SHALL NOT BE CAST UNTIL THE CONCRETE BASE HAS REACHED AN AGE OF 3 CURING DAYS.

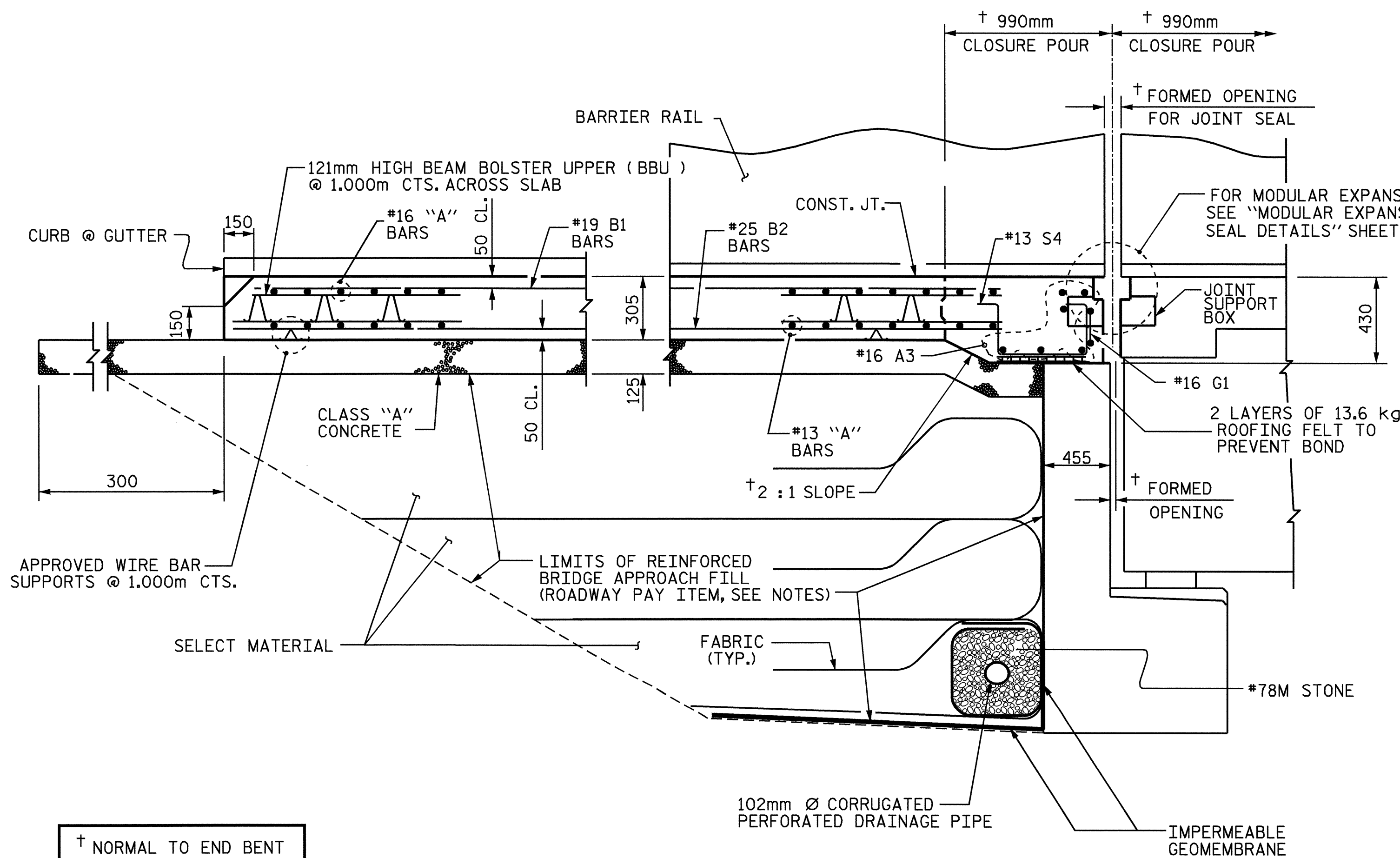
THE JOINT SHALL BE FORMED PRIOR TO THE CASTING OF THE BARRIER RAIL, PARAPET AND END POST.

THE #19 B1 & #25 B2 BARS MAY BE CUT AS DIRECTED BY THE ENGINEER TO CLEAR THE MODULAR JOINT SUPPORT BOXES.

SPECIAL SNOWPLOW PROTECTION IS REQUIRED, SEE SPECIAL PROVISIONS FOR MODULAR EXPANSION JOINT SUPPORT BOXES.



PART SECTION APPROACH SLAB



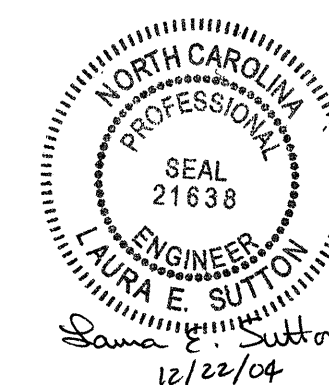
SECTION THRU SLAB

BAR TYPES						BILL OF MATERIAL FOR TWO APPROACH SLABS					
ALL BAR DIMENSIONS ARE OUT TO OUT						BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
						*A1	50	#16	STR	13060	1014
						*A2	34	#16	STR	13120	692
						*A3	22	#16	STR	13340	456
						A4	168	#13	STR	6840	1142
						A5	24	#13	STR	6960	166
						*B1	162	#19	STR	7320	2650
						B2	162	#25	STR	7440	4788
						*B3	7	#16	STR	3580	39
						*B4	1	#16	3	1860	3
						*B5	1	#16	3	2000	3
						*B6	7	#16	STR	3480	38
						*B7	8	#16	STR	1040	12
						*B8	8	#16	STR	1200	14
						*E1	4	#22	STR	780	10
						*E2	4	#22	STR	920	12
						*E3	4	#22	STR	1060	12
						*E4	4	#22	STR	1220	14
						*E5	4	#22	STR	1320	16
						*F1	2	#19	STR	520	2
						*F2	2	#19	STR	660	2
						*F3	2	#19	STR	900	4
						*F4	2	#19	STR	1000	4
						*F5	4	#19	STR	880	8
						*G1	22	#16	4	1160	40
						*S1	50	#16	STR	980	76
						*S2	50	#16	1	1220	94
						*S3	20	#16	2	680	22
						*S4	84	#13	5	1400	117
						*S5	16	#16	STR	920	22
						REINFORCING STEEL			6096	kg.	
						*EPOXY COATED REINFORCING STEEL			5376	kg.	
						CLASS AA CONCRETE BREAKDOWN					
						POUR 1 SLAB & CURB			59.0	C. M.	
						POUR 2 RAIL & PARAPET			2.6	C. M.	
						CLASS AA CONCRETE			61.6	C. M.	

PROJECT NO. R-0977A
CHEROKEE COUNTY
 STATION: 68+58.000-LREV-

SHEET 3 OF 6

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 STANDARD
 BRIDGE APPROACH SLAB
 FOR FLEXIBLE PAVEMENT



REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-227	
1			3			TOTAL SHEETS	
2			4			230	

ASSEMBLED BY : A.S. CALLAWAY DATE : 9/30/04
 CHECKED BY : P.C. BREWER DATE : 11/17/04
 DRAWN BY : RWW 8/01
 CHECKED BY : LES 8/01
 REV. 5/7/03R RWW/JTE