

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, 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 150mm COMP. A.B.C. SHALL EXTEND 3m BEYOND THE END OF THE APPROACH SLAB AND 300mm OUTSIDE OF EACH EDGE OF THE SLAB.

THE CONTRACTOR MAY USE 100mm TYPE B-25.0B ASPHALT CONCRETE COURSE IN LIEU OF 150mm COMP. A.B.C. IF THIS OPTION IS USED, THE 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 CONTRACTOR MAY USE 125mm CLASS "A" CONCRETE BASE IN LIEU OF 150mm COMP. A.B.C. IF THIS OPTION IS USED, THE 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 CONCRETE SHALL BE FINISHED TO A SMOOTH SURFACE AND A LAYER OF 13.6 kg. 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

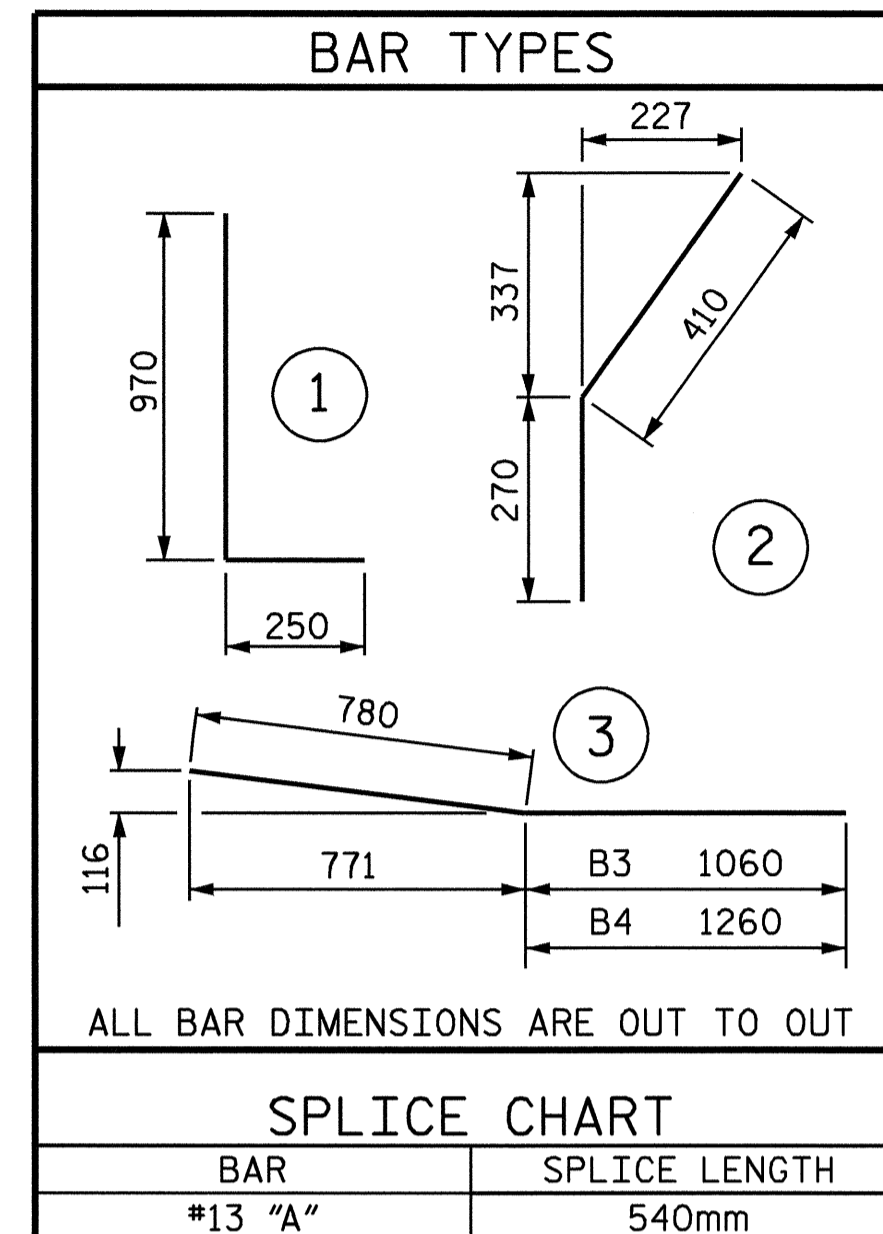
FOR EVAZOTE JOINT SEALS, SEE SPECIAL PROVISIONS.

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE EVAZOTE JOINT SEAL SHALL BE 64mm.

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

BILL OF MATERIAL FOR ONE APPROACH SLAB
(2 REQ'D)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	26	#16	STR	9340	377	B201	3	#25	STR	9700	116
*A2	15	#16	STR	9420	219	B202	3	#25	STR	9600	114
*A3	9	#16	STR	9480	132	B203	3	#25	STR	9480	113
A4	100	#13	STR	5020	499	B204	3	#25	STR	9380	112
						B205	3	#25	STR	9280	111
*A101	2	#16	STR	8400	26	B206	3	#25	STR	9160	109
*A102	2	#16	STR	7160	22	B207	3	#25	STR	9060	108
*A103	2	#16	STR	5900	18	B208	3	#25	STR	8940	107
*A104	2	#16	STR	4660	14	B209	3	#25	STR	8840	105
*A105	2	#16	STR	3400	11	B210	3	#25	STR	8740	104
*A106	2	#16	STR	2160	7	B211	3	#25	STR	8620	103
*A107	2	#16	STR	900	3	B212	3	#25	STR	8520	102
						B213	3	#25	STR	8400	100
A201	2	#13	STR	8400	17	B214	3	#25	STR	8300	99
A202	2	#13	STR	7160	14	B215	3	#25	STR	8200	98
A203	2	#13	STR	5900	12	B216	3	#25	STR	8080	96
A204	2	#13	STR	4660	9	B217	3	#25	STR	7980	95
A205	2	#13	STR	3400	7	B218	3	#25	STR	7860	94
A206	2	#13	STR	2160	4	B219	3	#25	STR	7760	92
A207	2	#13	STR	900	2	B220	3	#25	STR	7660	91
						B221	3	#25	STR	7540	90
*B1	7	#16	STR	3500	38						
*B2	7	#16	STR	3560	39	*S1	58	#16	STR	980	88
*B3	1	#16	3	1820	3	*S2	42	#16	1	1220	80
*B4	1	#16	3	2040	3	*S3	20	#16	2	680	21
*B101	3	#19	STR	9580	64						
*B102	3	#19	STR	9480	64	REINFORCING STEEL			=	2723	KG
*B103	3	#19	STR	9360	63	*EPOXY COATED					
*B104	3	#19	STR	9260	62	REINFORCING STEEL =				2299	KG
*B105	3	#19	STR	9160	61	CLASS AA CONCRETE BREAKDOWN					
*B106	3	#19	STR	9040	61						
*B107	3	#19	STR	8940	60	POUR 1 - SLAB & CURB				25.6	CM
*B108	3	#19	STR	8820	59	POUR 2 - RAIL				1.6	CM
*B109	3	#19	STR	8720	58						
*B110	3	#19	STR	8620	58	CLASS AA CONCRETE				27.2	CM
*B111	3	#19	STR	8500	57						
*B112	3	#19	STR	8400	56						
*B113	3	#19	STR	8280	56						
*B114	3	#19	STR	8180	55						
*B115	3	#19	STR	8080	54						
*B116	3	#19	STR	7960	53						
*B117	3	#19	STR	7860	53						
*B118	3	#19	STR	7740	52						
*B119	3	#19	STR	7640	51						
*B120	3	#19	STR	7540	51						
*B121	3	#19	STR	7420	50						



PROJECT NO. R-2206C
LINCOLN-CATAWBA COUNTY
 STATION: 216+60.508 -L-

SHEET 4 OF 5

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 STANDARD

BRIDGE APPROACH SLAB
 FOR FLEXIBLE PAVEMENT
 WITH BARRIER RAIL



Emily E. Murray
 9/18/04

REVISIONS						TOTAL SHEETS
NO.	BY:	DATE:	NO.	BY:	DATE:	374
1			3			
2			4			

ASSEMBLED BY : ZION J. RORIE DATE : 6/9/04
 CHECKED BY : W.D. CRUTCHER DATE : 7-20-04
 DRAWN BY : RWW 8/01
 CHECKED BY : LES 8/01
 ADDED 12/01
 REV. 5/7/03 RWW/JTE