

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.

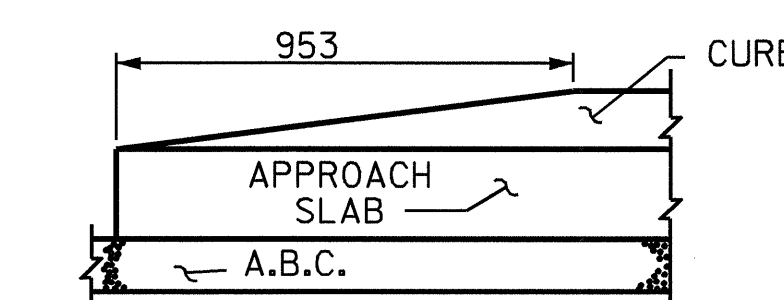
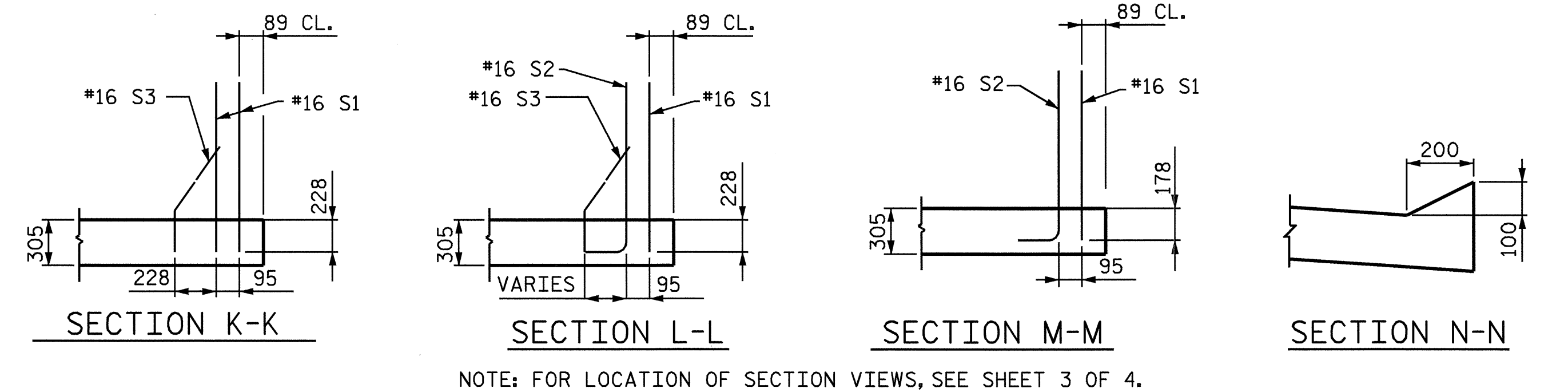
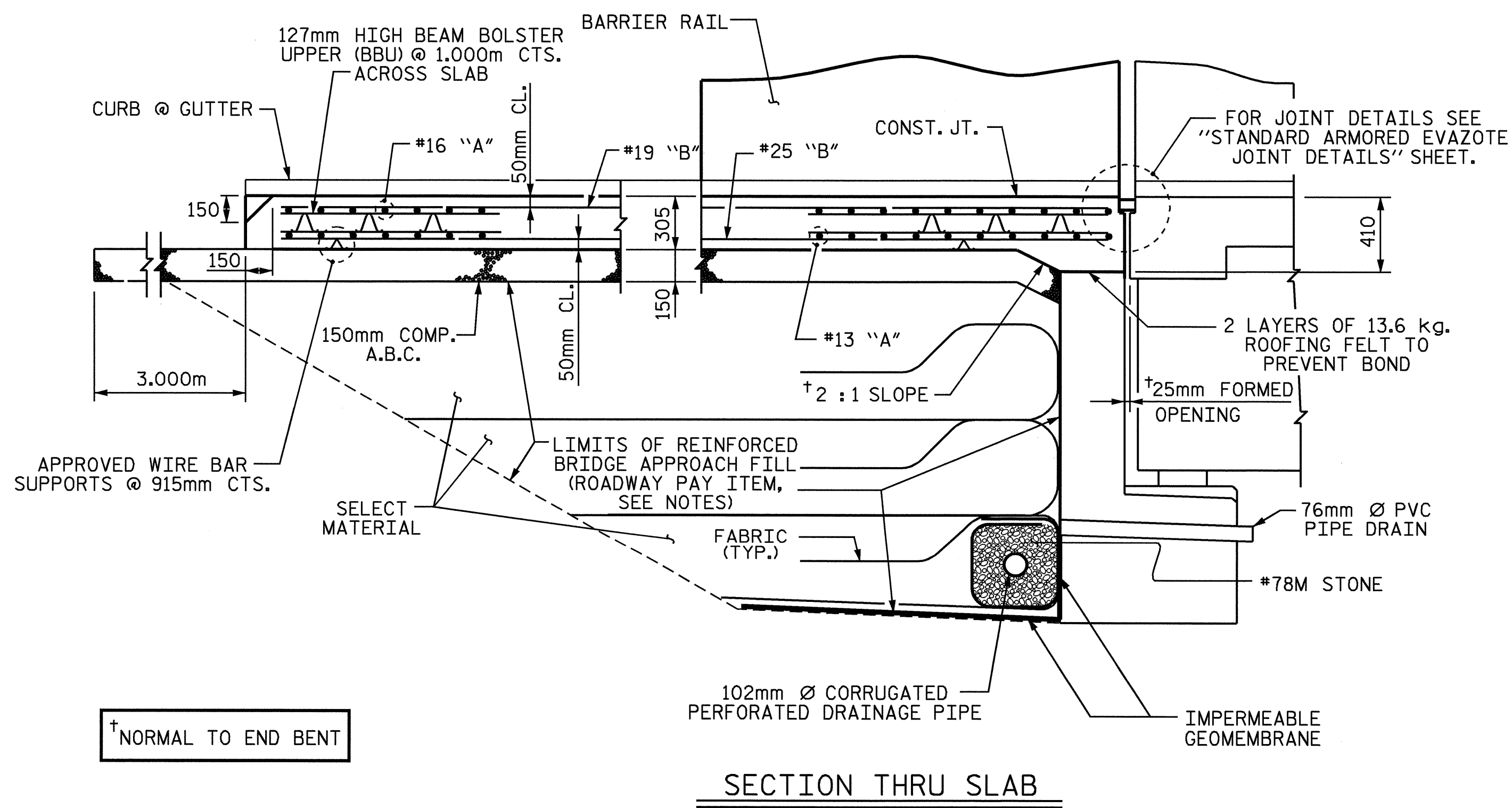
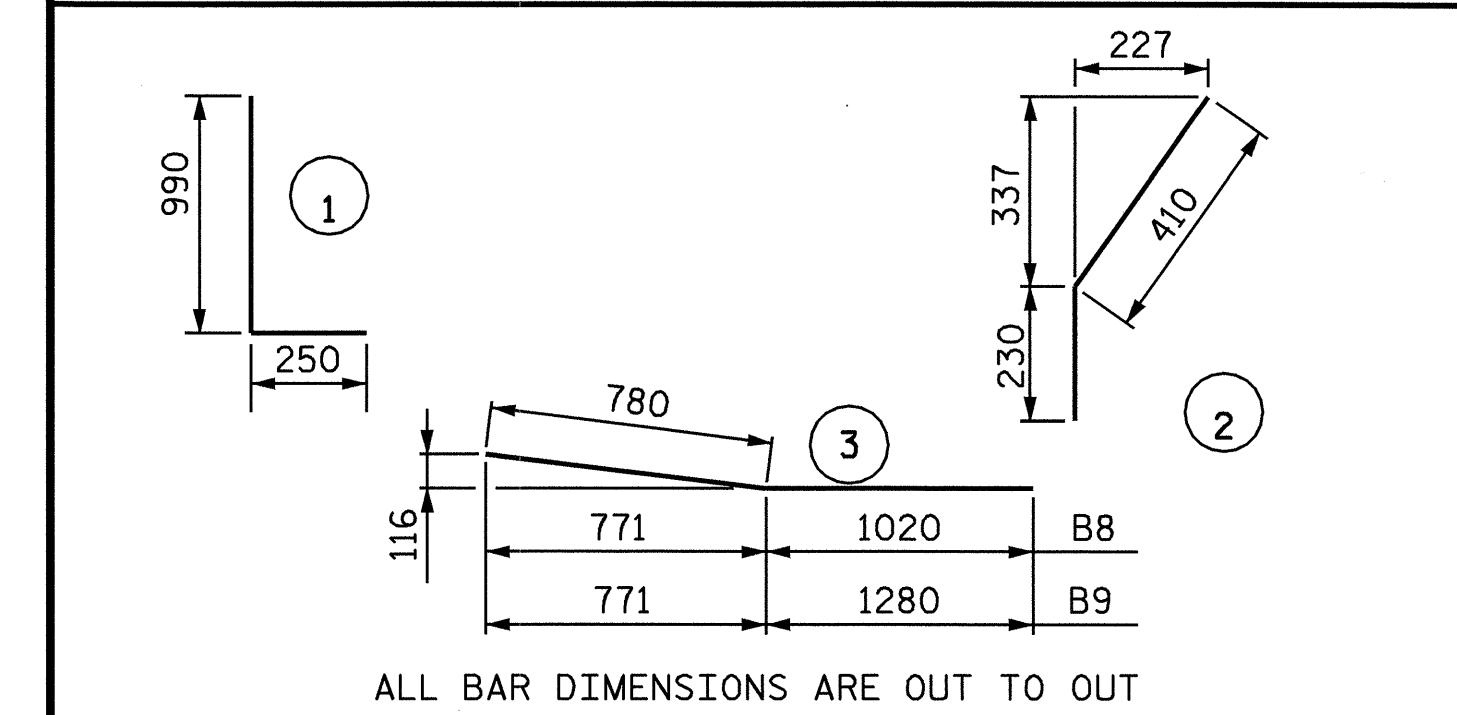
THE CONTRACTOR MAY USE 125mm CLASS "A" CONCRETE BASE IN LIEU OF 150mm COMP. A.B.C. IF THIS OPTION IS USED, THE CONCRETE BASE SHALL EXTEND 300mm BEYOND THE END OF THE APPROACH SLAB AND THE WIDTH SHALL BE THE SAME AS THAT OF THE APPROACH SLAB. THE CONCRETE SHALL BE FINISHED TO A SMOOTH SURFACE AND A LAYER 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.

FOR PLAN OF APPROACH SLABS, SEE SHEET 2 OF 4.

BILL OF MATERIAL

END BENT #1 APPROACH SLAB						END BENT #2 APPROACH SLAB					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	100	#16	STR	7940	1232	*A1	100	#16	STR	8460	1313
A2	102	#13	STR	7820	793	A2	102	#13	STR	8340	846
*B1	90	#19	STR	7360	1480	*B1	90	#19	STR	7360	1480
B2	90	#25	STR	7520	2690	B2	90	#25	STR	7520	2690
*B3	1	#19	STR	3660	8	*B3	1	#19	STR	3660	8
B4	1	#25	STR	3660	15	B4	1	#25	STR	3660	15
*B5	1	#19	STR	3460	8	*B5	1	#19	STR	3460	8
B6	1	#25	STR	3460	14	B6	1	#25	STR	3460	14
*B7	14	#16	STR	3460	75	*B7	14	#16	STR	3460	75
*B8	1	#16	3	1800	3	*B8	1	#16	3	1800	3
*B9	1	#16	3	2060	3	*B9	1	#16	3	2060	3
*S1	58	#16	STR	980	88	*S1	58	#16	STR	980	88
*S2	42	#16	1	1240	81	*S2	42	#16	1	1240	81
*S3	20	#16	2	640	20	*S3	20	#16	2	640	20
REINFORCING STEEL kg. 3512						REINFORCING STEEL kg. 3565					
*EPOXY COATED REINFORCING STEEL kg. 2998						*EPOXY COATED REINFORCING STEEL kg. 3079					
CLASS AA CONCRETE BREAKDOWN						CLASS AA CONCRETE BREAKDOWN					
POUR 1 SLAB C. M. 35.3						POUR 1 SLAB C. M. 39.3					
POUR 2 RAIL & CURB C. M. 1.7						POUR 2 RAIL & CURB C. M. 1.7					
CLASS AA CONCRETE C. M. 37.0						CLASS AA CONCRETE C. M. 41.0					

BAR TYPES



PROJECT NO. B-1019
ANSON COUNTY
 STATION: 14+94.156 -L-
 SHEET 1 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

BRIDGE APPROACH SLAB
 FOR FLEXIBLE PAVEMENT
 WITH BARRIER RAIL

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-32	
1			3			TOTAL SHEETS 35	
2			4				

7/1/04

DRAWN BY: D. G. ELY DATE: 04/27/04
 CHECKED BY: K. K. PUROHIT DATE: 05/26/04