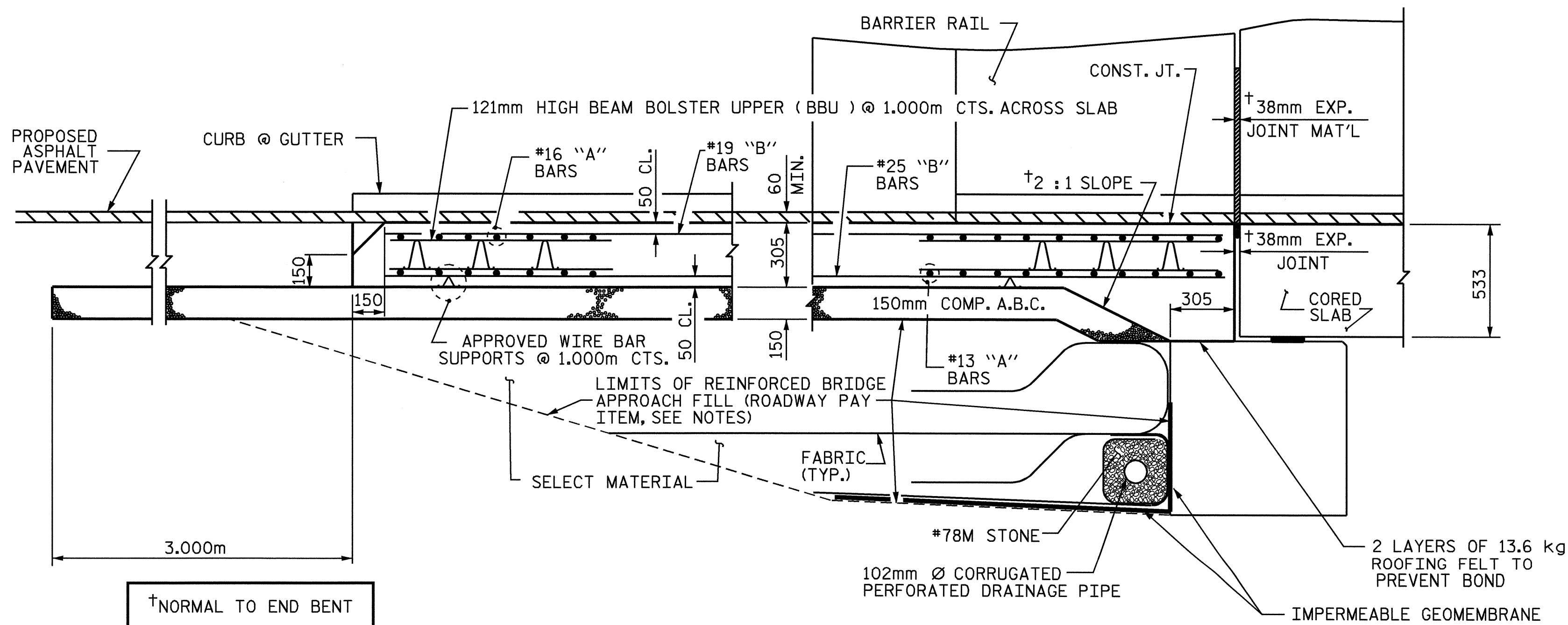


FOR PLAN OF APPROACH SLAB
SEE SHEET 2 OF 4.



SECTION THRU SLAB

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.

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 AND SHALL BE PAVED. SEE ROADWAY PLANS.

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.

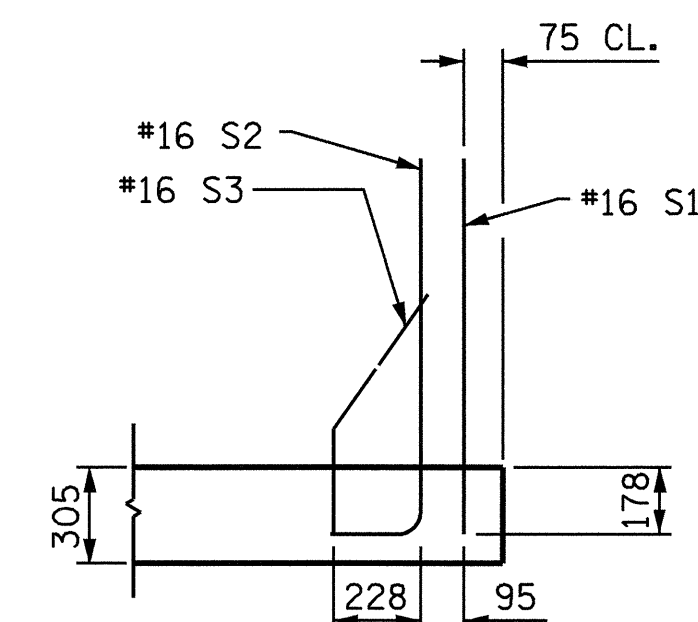
THE CONTRACTOR MAY USE 125mm CLASS "A" CONCRETE BASE IN LIEU OF 150mm COMP. A.B.C. IF THIS OPTION IS USED, THE CONCRETE BASE SHALL EXTEND 300mm BEYOND THE END OF THE APPROACH SLAB AND THE WIDTH SHALL BE THE SAME AS THAT OF THE APPROACH SLAB. THE CONCRETE SHALL BE FINISHED TO A SMOOTH SURFACE AND A LAYER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

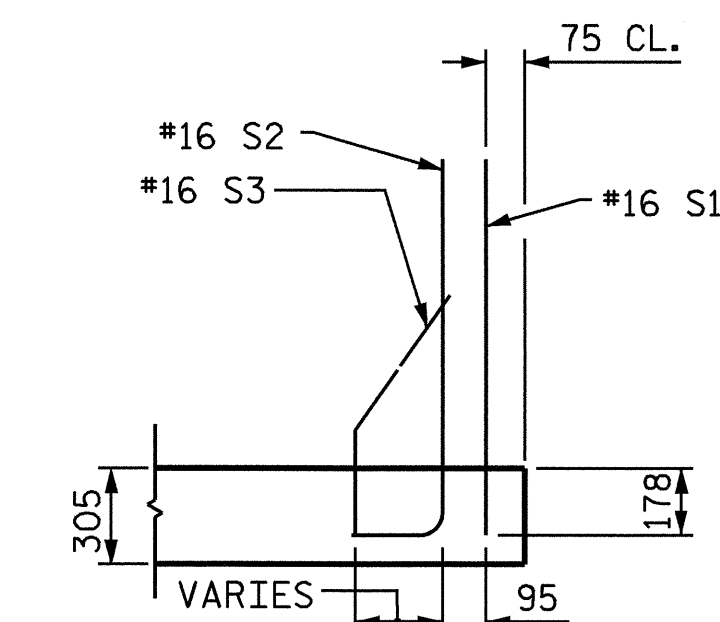
THE JOINT AT THE END BENT SHALL BE SEALED AS SOON AS PRACTICAL AFTER THE CONSTRUCTION OF THE APPROACH SLABS.

APPROACH SLAB GROOVING IS NOT REQUIRED.

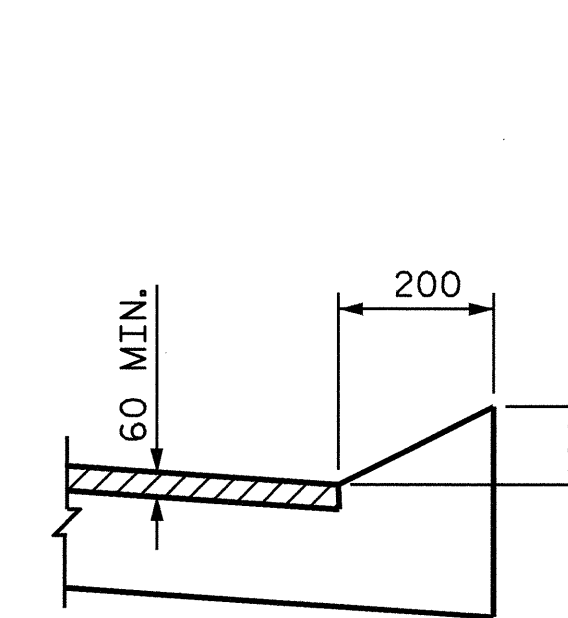
NOTE: FOR LOCATION OF SECTION ARROWS, SEE SHEET 3 OF 4.



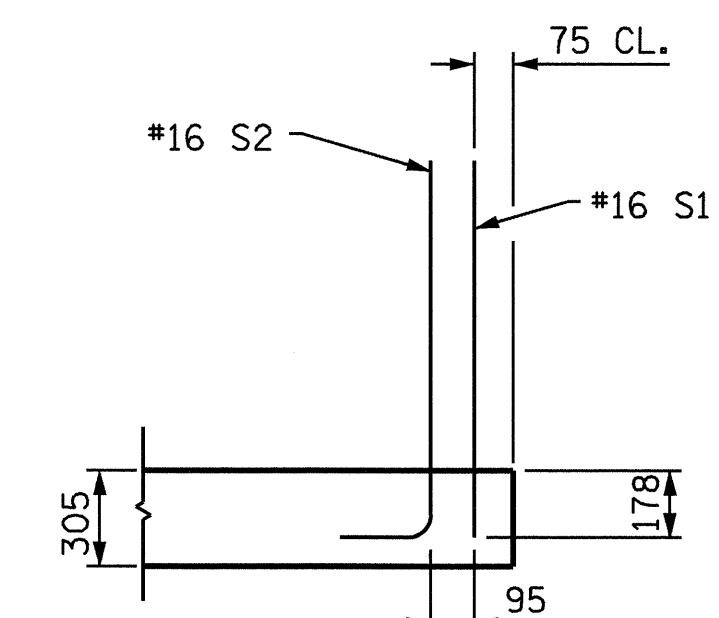
SECTION K-K



SECTION L-L



SECTION N-N



SECTION M-M

CURB DETAILS

BILL OF MATERIAL

FOR ONE APPROACH SLAB
(2 REQ'D)

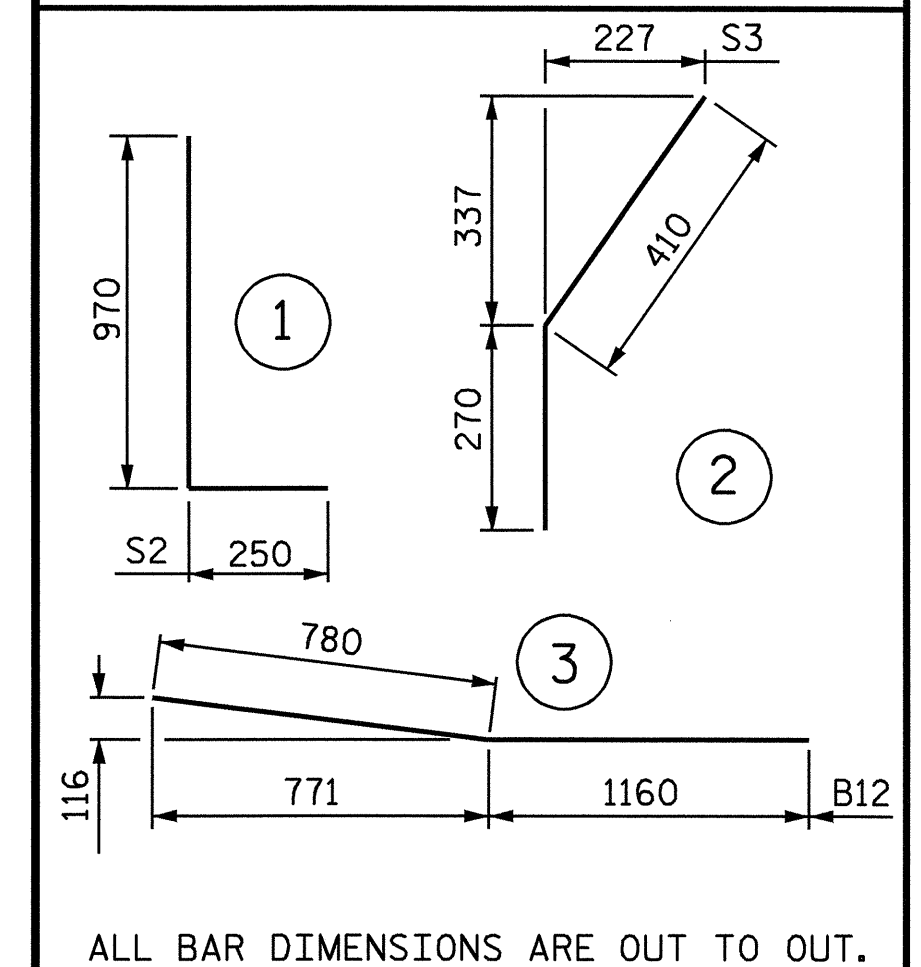
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	50	#16	STR	12380	961
A2	102	#13	STR	6460	655
*B1	71	#19	STR	7360	1168
B2	71	#25	STR	7520	2121
*B3	1	#19	STR	3580	8
B4	1	#25	STR	3580	14
*B5	1	#19	STR	3780	8
B6	1	#25	STR	3780	15
B11	14	#16	STR	3560	77
B12	2	#16	3	1940	6
*S1	50	#16	STR	980	76
*S2	50	#16	1	1220	95
*S3	20	#16	2	680	21

REINFORCING STEEL	kg.	2888
*EPOXY COATED REINFORCING STEEL	kg.	2337

CLASS AA CONCRETE BREAKDOWN		
POUR 1 SLAB & CURB	C. M.	31.1
POUR 2 RAIL	C. M.	1.8

CLASS AA CONCRETE	C. M.	32.9
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BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

PROJECT NO. B-3266
WILKES COUNTY
STATION: 12+48.000 -L-

SHEET 1 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB
FOR PRESTRESSED
CONCRETE CORED SLAB
WITH BARRIER RAIL



REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-23	
1			3			TOTAL SHEETS	
2			4			26	

ASSEMBLED BY : J.L. WALTON	DATE : 7/7/04
CHECKED BY : D.G. ELY	DATE : 8/13/04
DRAWN BY : RWN 8/01	ADDED 7/10/01
CHECKED BY : LES 8/01	REV. 5/7/03R RWW/JTE