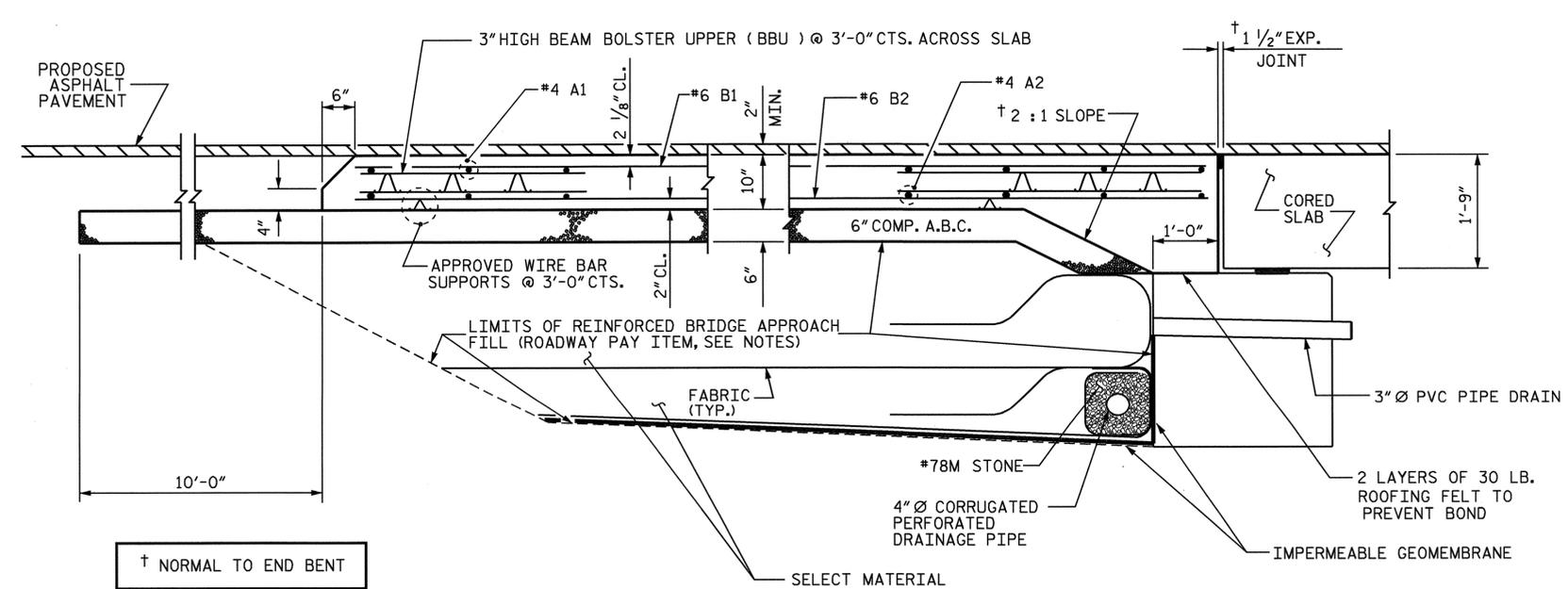
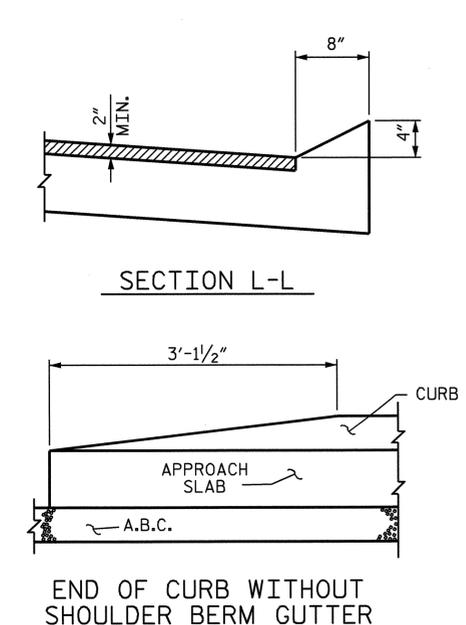


@ END BENT 1 @ END BENT 2

PLAN



SECTION THRU SLAB



CURB DETAILS

NOTES

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.

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.

BILL OF MATERIAL					
APPROACH SLAB AT E.B. 1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	18	#4	STR	19'-4"	232
A2	18	#4	STR	19'-3"	231
*B1	70	#6	STR	11'-1"	1165
B2	70	#6	STR	11'-8"	1227
REINFORCING STEEL				LBS.	1458
*EPOXY COATED REINFORCING STEEL				LBS.	1397
CLASS AA CONCRETE				C. Y.	15.4
APPROACH SLAB AT E.B. 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	18	#4	STR	19'-4"	232
A2	18	#4	STR	19'-3"	231
*B1	70	#6	STR	11'-1"	1165
B2	70	#6	STR	11'-8"	1227
REINFORCING STEEL				LBS.	1458
*EPOXY COATED REINFORCING STEEL				LBS.	1397
CLASS AA CONCRETE				C. Y.	15.4
SPlice LENGTH					
BAR SIZE	EPOXY COATED	UNCOATED			
#4	2'-0"	1'-9"			

ASSEMBLED BY: William J. Parker	DATE: 05/15/02
CHECKED BY: J. KHARVA	DATE: 9/19/02
DRAWN BY: FCJ 6/87	REV. 10/17/00 RWW/LES
CHECKED BY: EGA 6/87	REV. 7/10/01 LES/RDR
	REV. 5/17/03 RWW/JTE

PROJECT NO. B-2963
 DURHAM COUNTY
 STATION: 24+92.50-L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 STANDARD

BRIDGE APPROACH SLAB
 FOR PRESTRESSED CONCRETE
 CORED SLAB

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S-31
 TOTAL SHEETS 32