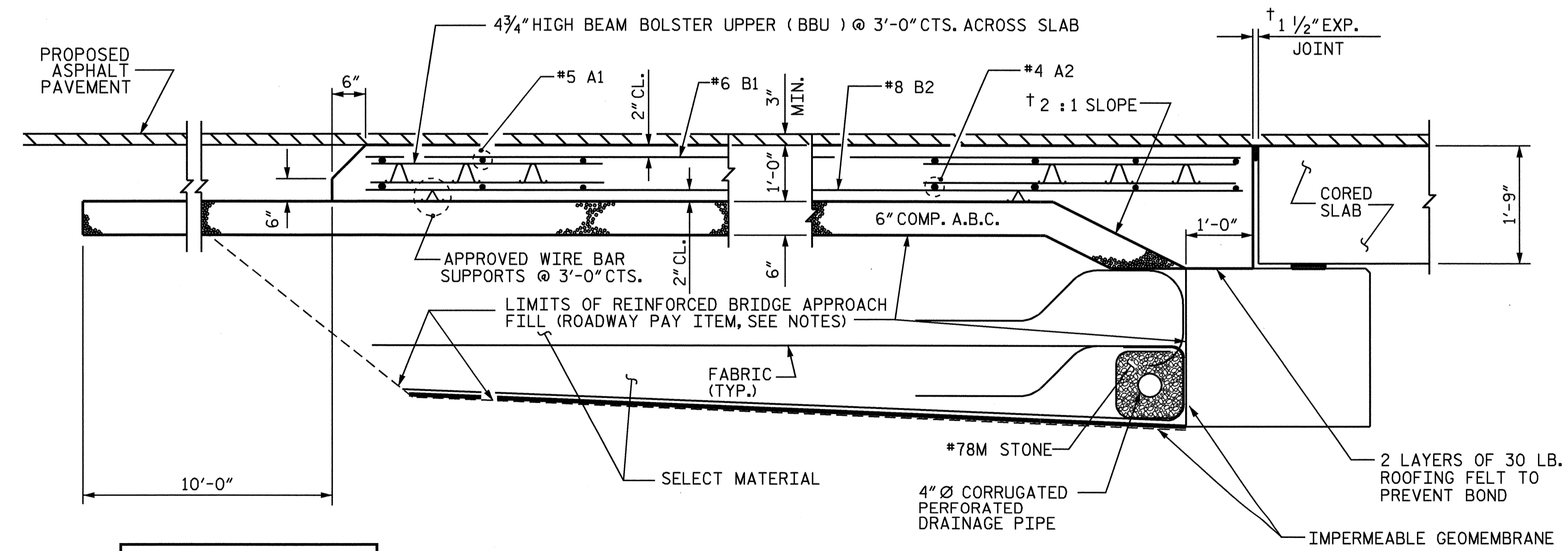


PLAN @ END BENT #1

PLAN @ END BENT #2



SECTION THRU SLAB

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 CONSTRUCTION OF SUPERSTRUCTURE.

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 HB 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.

REINFORCING STEEL TO BE FIELD CUT TO ALLOW FOR DROP INLET.

THE ENTIRE COST OF FURNISHING AND INSTALLING THE DROP INLET, INCLUDING GRATES, FRAMES, AND ANY NECESSARY HARDWARE WILL BE A ROADWAY PAY ITEM.

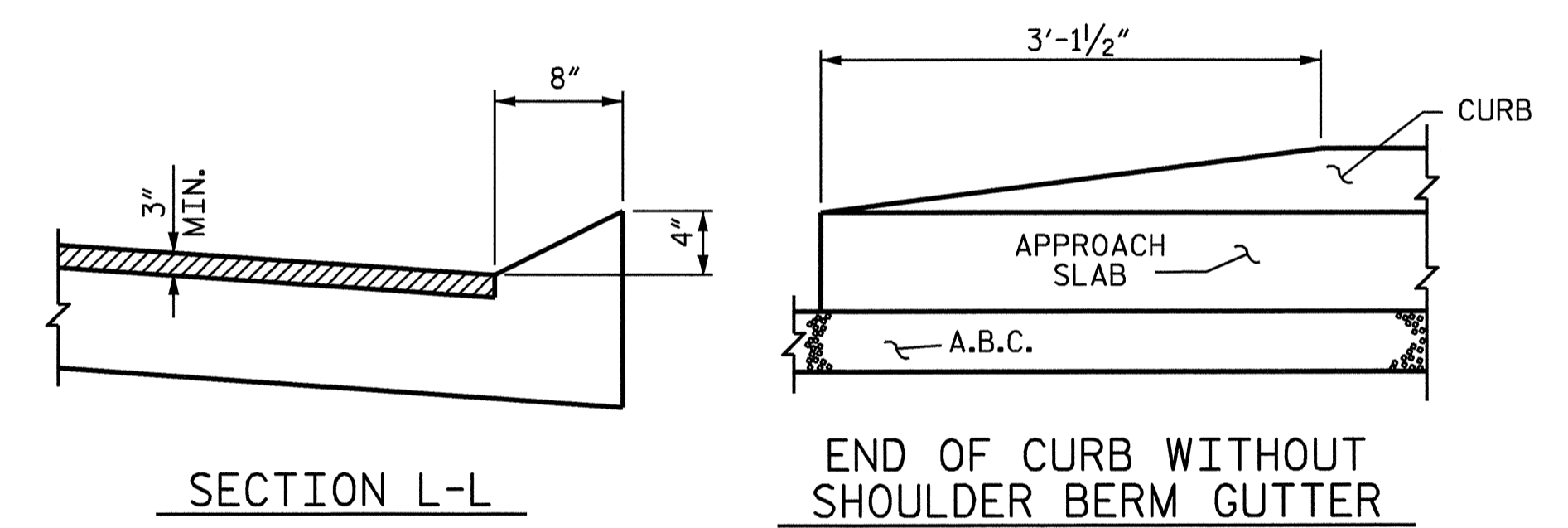
ALL REINFORCING STEEL SHALL BE EPOXY COATED.

BILL OF MATERIAL

APPROACH SLAB AT EB #1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	49	#5	STR	34'-5"	1759
*A2	98	#4	STR	18'-3"	1195
*B1	69	#6	STR	24'-2"	2505
*B2	69	#8	STR	24'-8"	4544
* EPOXY COATED REINFORCING STEEL				LBS.	10003
CLASS AA CONCRETE				C. Y.	34.5

APPROACH SLAB AT EB #2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	49	#5	STR	34'-5"	1759
*A2	98	#4	STR	18'-3"	1195
*B1	69	#6	STR	24'-2"	2505
*B2	69	#8	STR	24'-8"	4544
* EPOXY COATED REINFORCING STEEL				LBS.	10003
CLASS AA CONCRETE				C. Y.	33.8

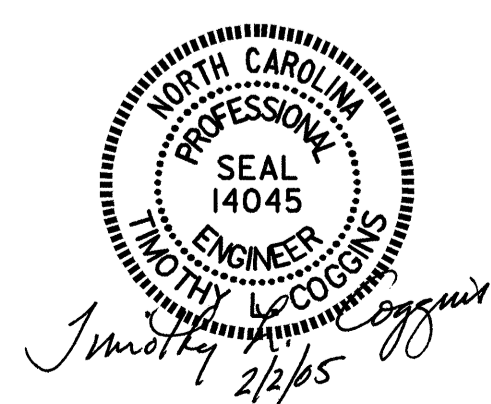


CURB DETAILS

PROJECT NO. B-3496  
 NEW HANOVER COUNTY  
 STATION: 17+67.00 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 STANDARD  
 BRIDGE APPROACH SLAB  
 FOR PRESTRESSED CONCRETE  
 CORED SLAB



ASSEMBLED BY: PEGGY ADKINS DATE: 1/03  
 CHECKED BY: F. GUZMAN DATE: 2/03  
 DRAWN BY: FCJ 6/87  
 CHECKED BY: EGA 6/87  
 REV. 10/17/00 RWW/LES  
 REV. 7/10/01 LES/RDR  
 REV. 5/7/03 RWW/JTE

REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	DATE:	S-27
1			3		TOTAL SHEETS
2			4		28