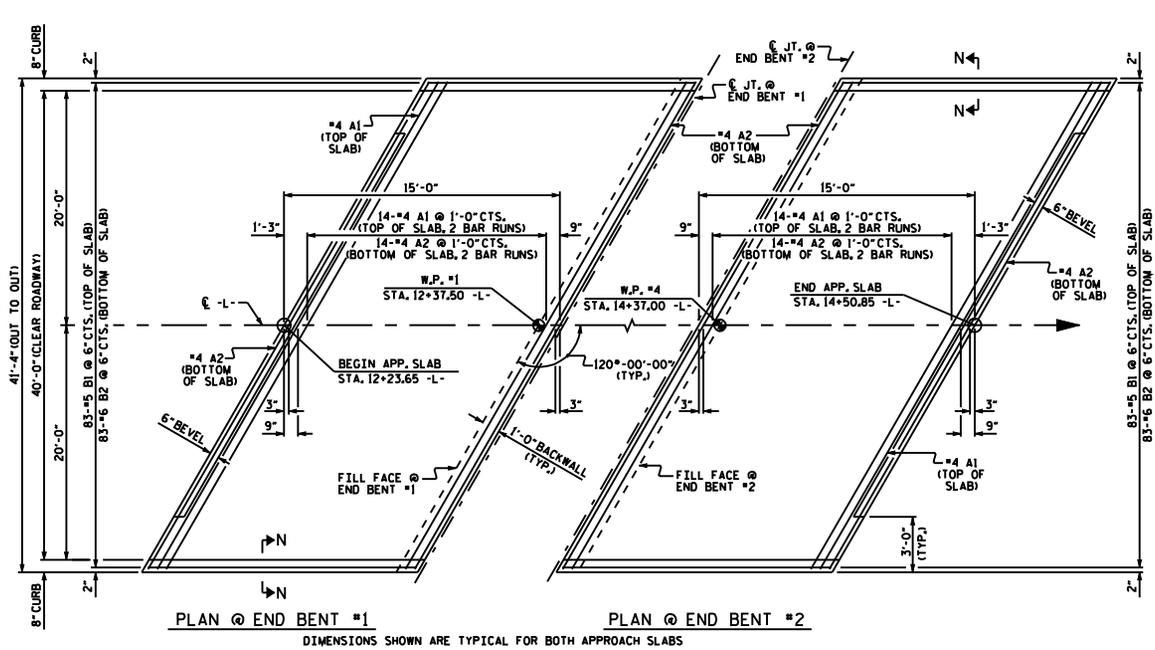


FIGURE 12 - 1



**NOTES**

APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE BRIDGE DECK.

FOR REINFORCED BRIDGE APPROACH FILL INCLUDING FABRIC, IMPERMEABLE GEOMEMBRANE, 4" Ø DRAINAGE PIPE, #78M STONE, AND SELECT MATERIAL. SEE ROADWAY PLANS.

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 BE FLUSH WITH THE ROADWAY END OF THE APPROACH SLAB AND SHALL EXTEND 1'-0" OUTSIDE EACH EDGE OF THE APPROACH 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 BE FLUSH WITH THE ROADWAY 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 BE FLUSH WITH THE ROADWAY 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.

THE JOINT SHALL BE SAWSD PRIOR TO THE CASTING OF THE PARAPET AND END POST.

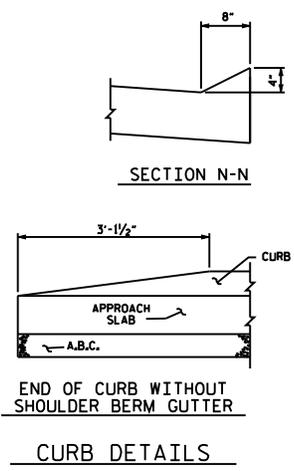
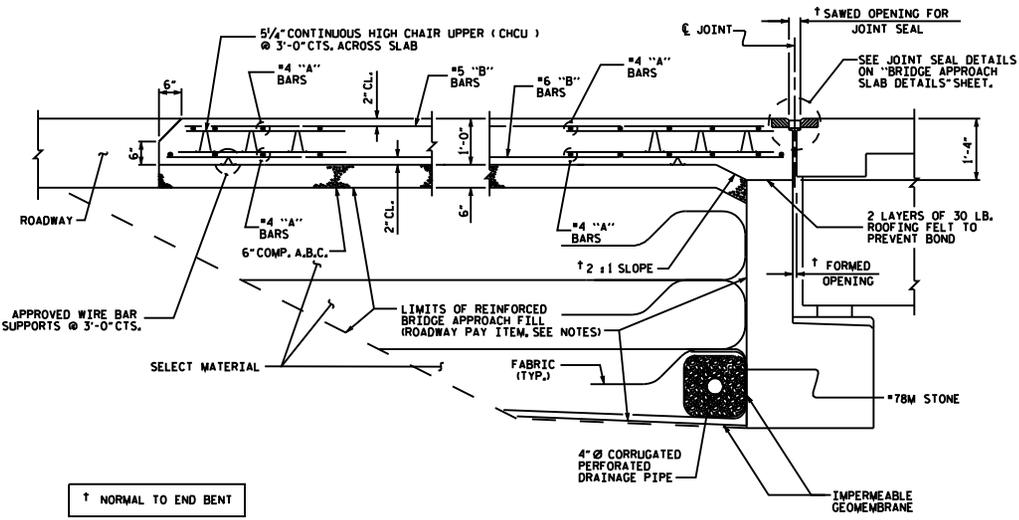
**WITH EVAZOTE JOINT SEAL**

FOR EVAZOTE JOINT SEALS, SEE SPECIAL PROVISIONS.

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE EVAZOTE JOINT SEAL SHALL BE 2 1/2".

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

BILL OF MATERIAL					
APPROACH SLAB AT EB #1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	30	#4	STR	24'-8"	494
A2	32	#4	STR	24'-7"	525
*B1	83	#5	STR	14'-8"	1270
B2	83	#6	STR	14'-8"	1270
REINFORCING STEEL				LBS.	1795
*EPOXY COATED REINFORCING STEEL				LBS.	1764
CLASS AA CONCRETE C. Y.					
23.4					
APPROACH SLAB AT EB #2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	30	#4	STR	24'-8"	494
A2	32	#4	STR	24'-7"	525
*B1	83	#5	STR	14'-8"	1270
B2	83	#6	STR	14'-8"	1270
REINFORCING STEEL				LBS.	1795
*EPOXY COATED REINFORCING STEEL				LBS.	1764
CLASS AA CONCRETE C. Y.					
23.4					



**SECTION THRU SLAB**  
SHOWING SECTION WITHOUT CONCRETE WEARING SURFACE

**END OF CURB WITHOUT SHOULDER BERM GUTTER**  
**CURB DETAILS**

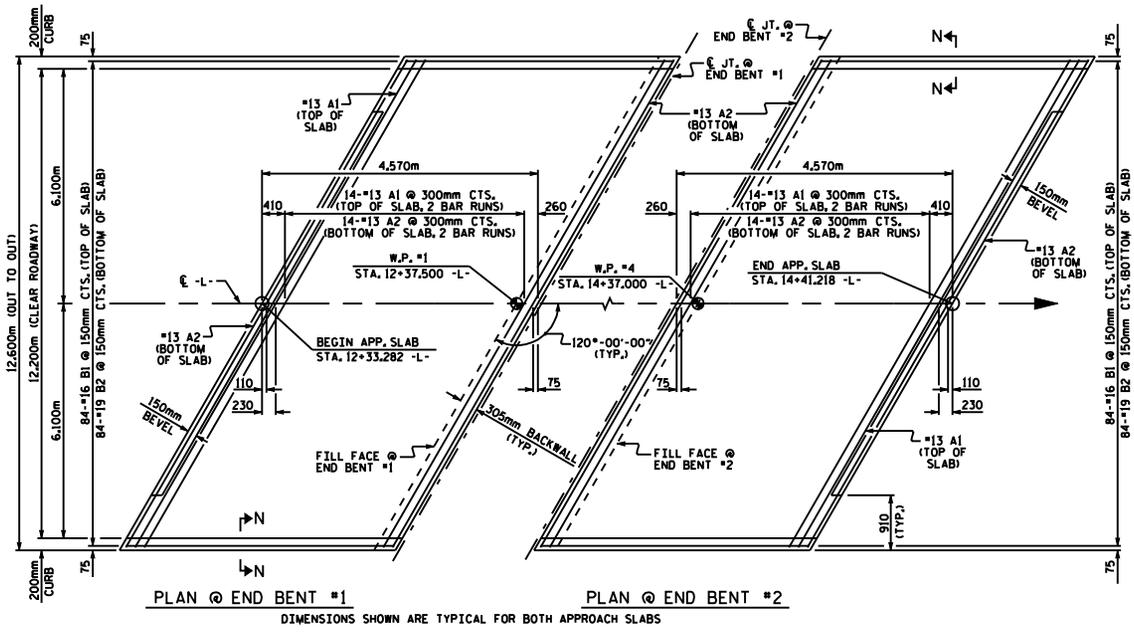
ASSEMBLED BY :	DATE :
CHECKED BY :	DATE :
DRAWN BY :	REV. 7/0/01
CHECKED BY :	REV. 5/7/03R
	REV. 5/1/06R

PROJECT NO. EXAMPLE  
COUNTY \_\_\_\_\_  
STATION: \_\_\_\_\_  
SHEET 1 OF 2

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
STANDARD  
BRIDGE APPROACH SLAB  
FOR FLEXIBLE PAVEMENT

REVISIONS					
NO.	BY	DATE	NO.	BY	DATE
1			1		
2			2		

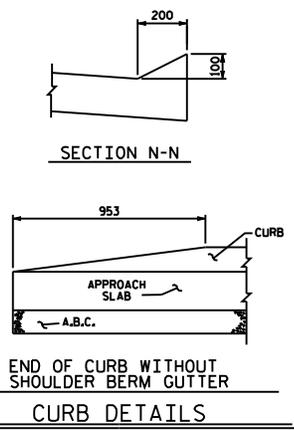
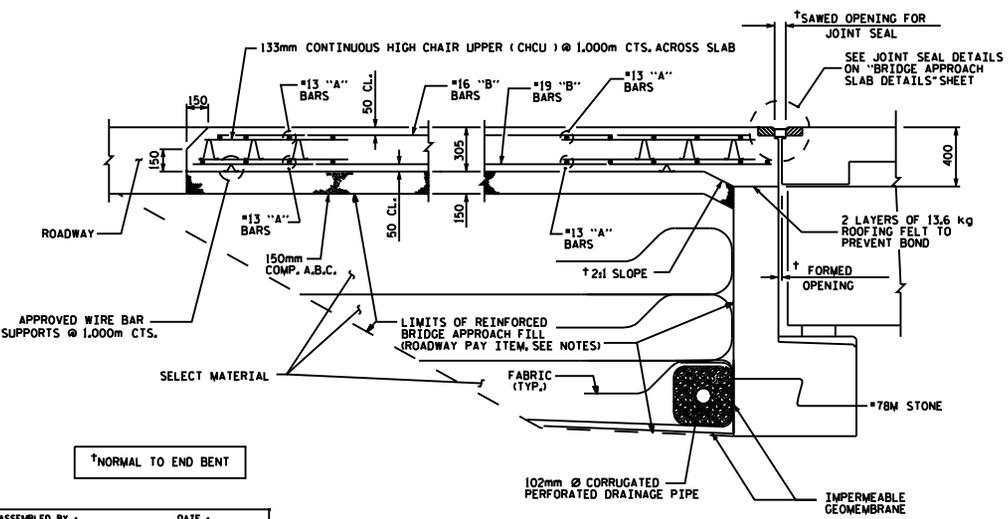
FIGURE 12 - 1 M



NOTES

- 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.
- 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 BE FLUSH WITH THE ROADWAY END OF THE APPROACH SLAB AND SHALL EXTEND 300mm OUTSIDE OF EACH EDGE OF THE APPROACH 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 BE FLUSH WITH THE ROADWAY 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 BE FLUSH WITH THE ROADWAY 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 SAWS CUT PRIOR TO THE CASTING OF THE PARAPET AND END POST.
- 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						
<b>APPROACH SLAB AT EB #1</b>						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
*A1	30	#13	STR	7540	225	
A2	32	#13	STR	7500	239	
*B1	84	#16	STR	4460	581	
B2	84	#19	STR	4460	581	
REINFORCING STEEL					k.g.	820
* EPOXY COATED REINFORCING STEEL					k.g.	806
CLASS AA CONCRETE					C.M.	18.0
<b>APPROACH SLAB AT EB #2</b>						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
*A1	30	#13	STR	7540	225	
A2	32	#13	STR	7500	239	
*B1	84	#16	STR	4460	581	
B2	84	#19	STR	4460	581	
REINFORCING STEEL					k.g.	820
* EPOXY COATED REINFORCING STEEL					k.g.	806
CLASS AA CONCRETE					C.M.	18.0



PROJECT NO. EXAMPLE  
 COUNTY \_\_\_\_\_  
 STATION: \_\_\_\_\_

SHEET 1 OF 2  
 STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE  
 STANDARD  
 BRIDGE APPROACH SLAB  
 FOR FLEXIBLE PAVEMENT

ASSEMBLED BY :	DATE :
CHECKED BY :	DATE :
DRAWN BY : FCJ 6/87	REV. 7/10/01 RHW/LES
CHECKED BY : EGA 6/87	REV. 5/7/03R RHW/JTE
	REV. 5/1/06R RHW/GM

REVISIONS						SHEET NO.
NO.	BY	DATE	NO.	BY	DATE	TOTAL SHEETS
1			2			
2			3			