

JOINT SEAL DETAILS @ END BENT

FOAM JOINT SEAL TO BE CUT, HEAT WELDED AND TURNED UP AS SHOWN. THE JOINT SHALL BE SAWED PRIOR TO CASTING OF PARAPETS AND END POSTS.

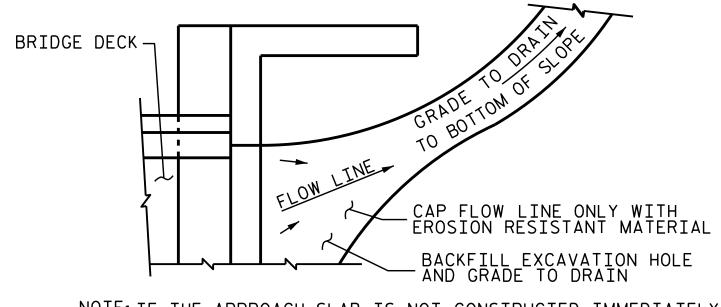
N.D'AIUTO DATE: 7-7-14
P.S. ADKINS DATE: 7-10-14 ASSEMBLED BY : CHECKED BY: DRAWN BY: FCJ 11/88 REV.10/1/II CHECKED BY: ARB 11/88 REV. 7/12 REV. 6/13 MAA/GM MAA/GM MAA/GM

R◀ CLASS "B" STONE — FOR EROSION CONTROL -TEMPORARY SLOPE DRAIN _____ -----TEMP. SLOPE DRAIN 4'-0" 2'-0"MIN. -FUTURE SHOULDER S◀┐ TOE OF FILL *2*----EARTH DITCH BLOCK-CLASS "B" STONE FOR EROSION CONTROL **APPROACH** SECTION R-R 2′-0″ MIN. 5″ MIN. 3"EROSION RESISTANT MATERIAL OVER PIPE 12"MINIMUM -- EARTH DITCH BLOCK EROSION RESISTANT MATERIAL 1'-6" MIN. END OF APPROACH SLAB NOTE: IMMEDIATELY AFTER THE CONSTRUCTION OF THE APPROACH SLAB, THE CONTRACTOR SHALL PROVIDE TEMPORARY BERM AND SLOPE DRAIN. CONTRACTOR SHALL GRADE TO PIPE INLET AND PROVIDE EROSION RESISTANT MATERIAL AS SHOWN. THE 4'-0" MIN. EROSION RESISTANT MATERIAL SHALL BE EITHER 1) ASPHALT - FILL SLOPE PLANT MIX, TYPE 1 OR TYPE 2, MIN. 2" DEPTH, 2) EROSION CONTROL MAT. OR 3) CONCRETE, AS DIRECTED BY THE ENGINEER. THE SLOPE DRAIN SHALL CONSIST OF A NON-PERFORATED SECTION S-S TEMPORARY DRAINAGE PIPE, 12 INCHES IN DIAMETER.

PLAN VIEW

TEMPORARY BERM AND SLOPE DRAIN DETAILS

(TO BE USED WHEN SHOULDER BERM GUTTER IS REQUIRED)



NOTE: IF THE APPROACH SLAB IS NOT CONSTRUCTED IMMEDIATELY ELASTOMERIC CONCRETE AFTER THE BACKFILLING OF THE END BENT EXCAVATION, GRADE TO DRAIN TO THE BOTTOM OF THE SLOPE AND PROVIDE EROSION RESISTANT MATERIAL. SUCH AS FIBERGLASS ROVING OR AS DIRECTED BY THE ENGINEER TO PREVENT SOIL EROSION AND TO PROTECT THE AREA ADJACENT TO THE STRUCTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THESE MATERIALS PRIOR TO CONSTRUCTION OF THE APPROACH SLAB. TEMPORARY DRAINAGE DETAIL

ELASTOMERIC CONCRETE (CU.FT.) END BENT 1 9.3 END BENT 2 9.3 18.6 TOTAL

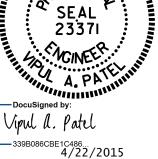
▲ BASED ON THE MINIMUM BLOCKOUT SHOWN.

> PROJECT NO. B-4972 CABARRUS _ COUNTY 22+55.00 -L-STATION:

SHEET 2 OF 2

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD

> BRIDGE APPROACH SLAB DETAILS



A. PATELLINA Minimum		REVISIONS					
ed by: L. Patel	NO.	BY:	DATE:	NO.	BY:	DATE:	S-31
•				3			TOTAL SHEET:
BE1C486 4/22/2015	2			14] 31

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