

NOTES

FOR BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, 4" Ø DRAINAGE PIPE, AND #78M STONE BACKFILL, SEE ROADWAY PLANS.

GEOTEXTILE SHALL BE TYPE 1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS SECTION 1056.

#78M STONE BACKFILL (CLASS V SELECT MATERIAL) SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 1016.

#78M STONE BACKFILL IS TO BE CONTINUOUS ALONG FILL FACE OF BACKWALL FROM OUTSIDE EDGE TO OUTSIDE EDGE OF APPROACH SLAB.

FOR THE 4" Ø DRAINAGE PIPE OUTLET(S), SEE ROADWAY STANDARD DRAWINGS.

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.

APPROACH SLAB GROOVING IS NOT REQUIRED.

BILL OF MATERIAL

APPROACH SLAB AT EB 1

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	#4	STR	17'-6"	304
A2	#4	STR	17'-5"	302
*B1	#5	STR	11'-1"	740
B2	#6	STR	11'-7"	1113

REINFORCING STEEL	LBS.	1415
* EPOXY COATED REINFORCING STEEL	LBS.	1044

CLASS AA CONCRETE C. Y. 17.7

APPROACH SLAB AT EB 2

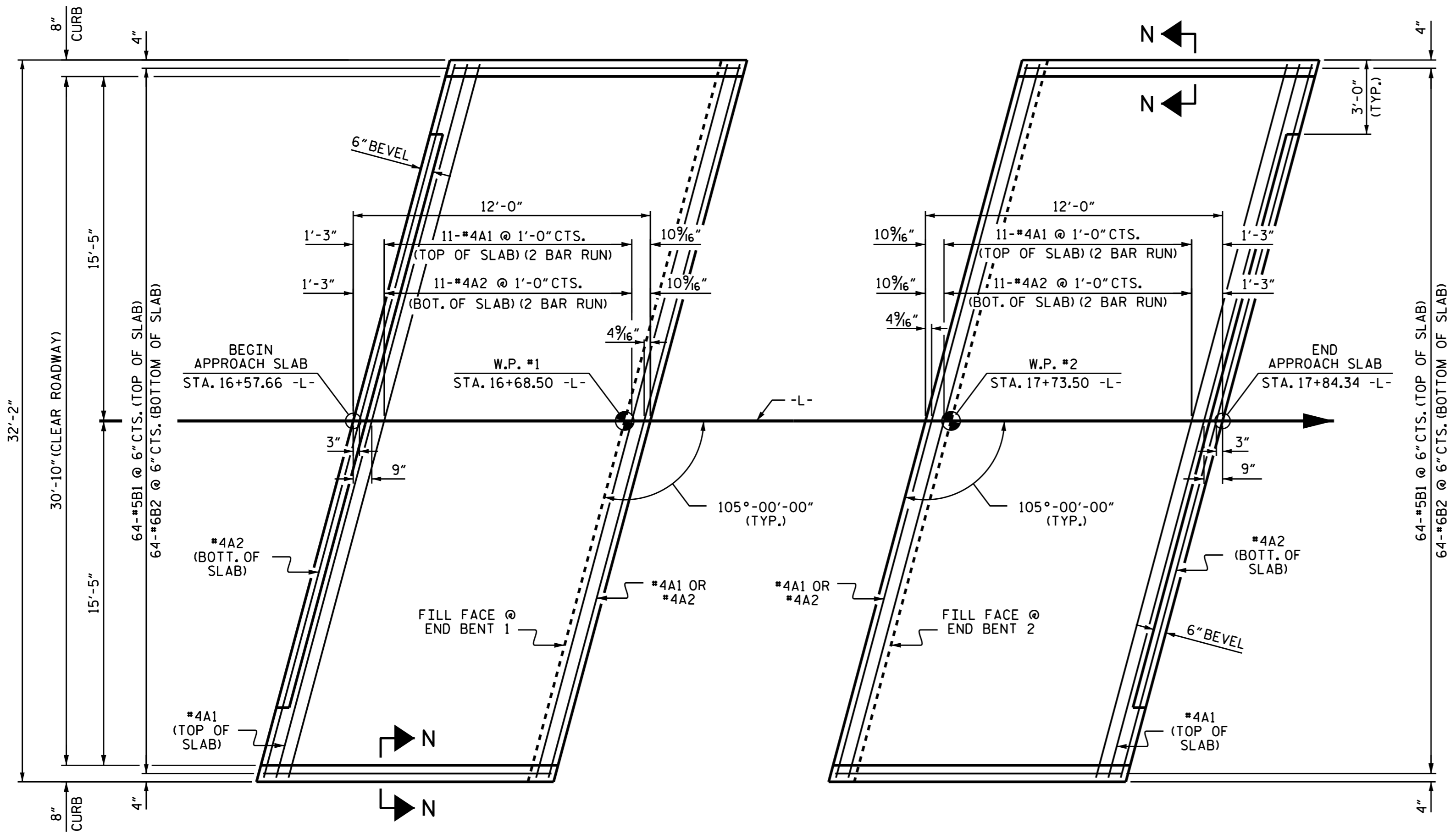
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	#4	STR	17'-6"	304
A2	#4	STR	17'-5"	302
*B1	#5	STR	11'-1"	740
B2	#6	STR	11'-7"	1113

REINFORCING STEEL	LBS.	1415
* EPOXY COATED REINFORCING STEEL	LBS.	1044

CLASS AA CONCRETE C. Y. 17.7

SPLICE LENGTHS

BAR SIZE	EPOXY COATED	UNCOATED
#4	2'-0"	1'-9"
#5	2'-6"	2'-2"
#6	3'-10"	2'-7"

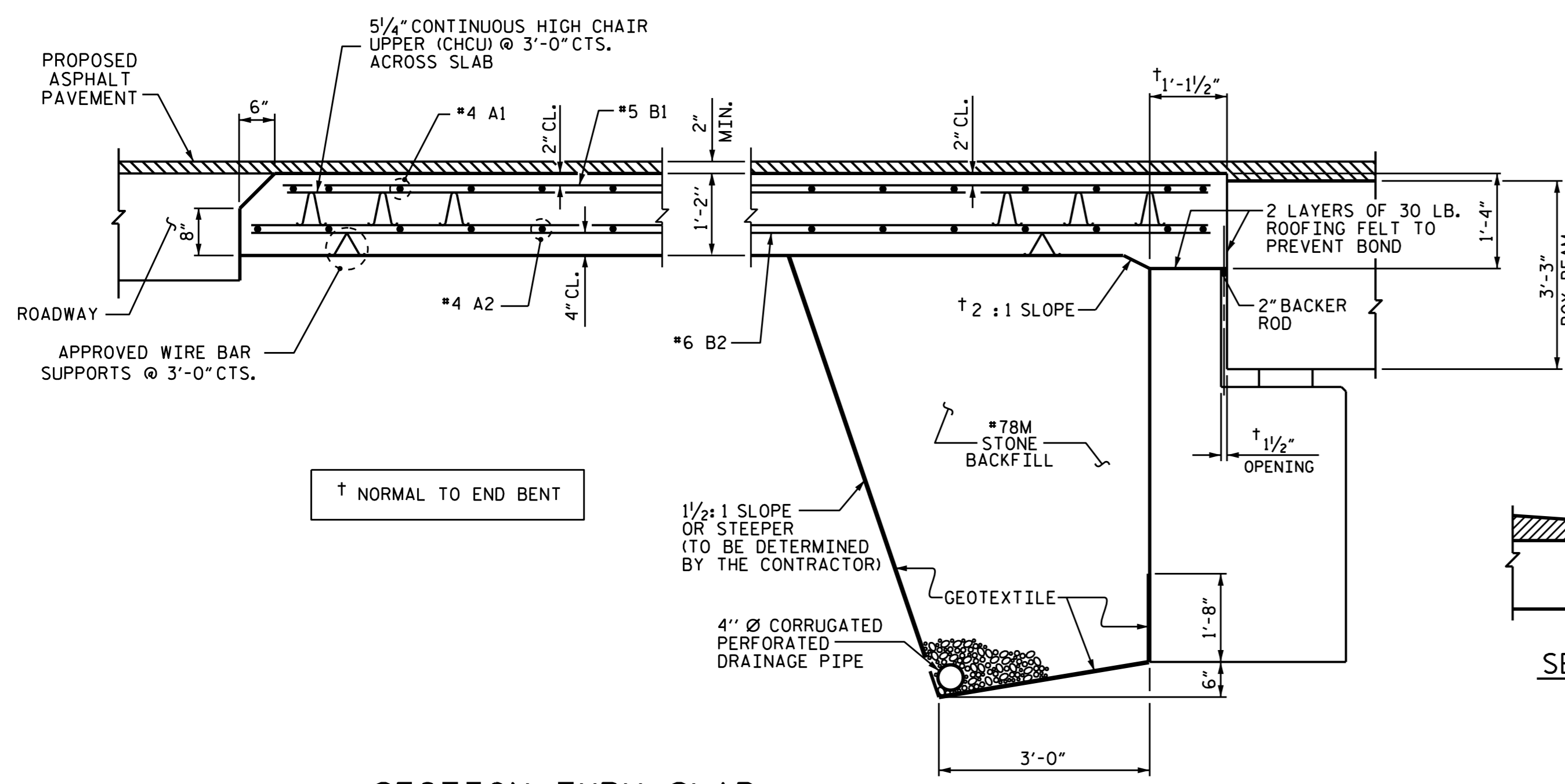


AT END BENT 1

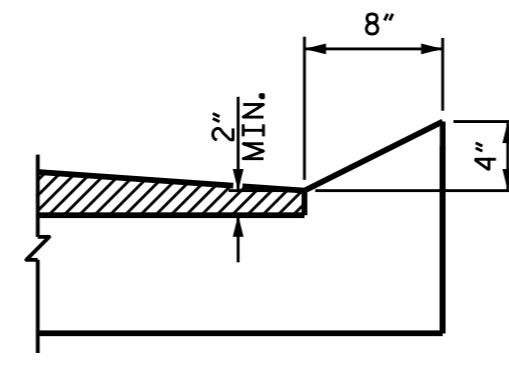
AT END BENT 2

PLAN

DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS

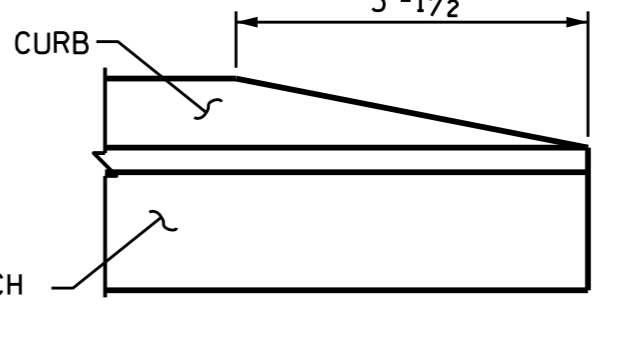


SECTION THRU SLAB



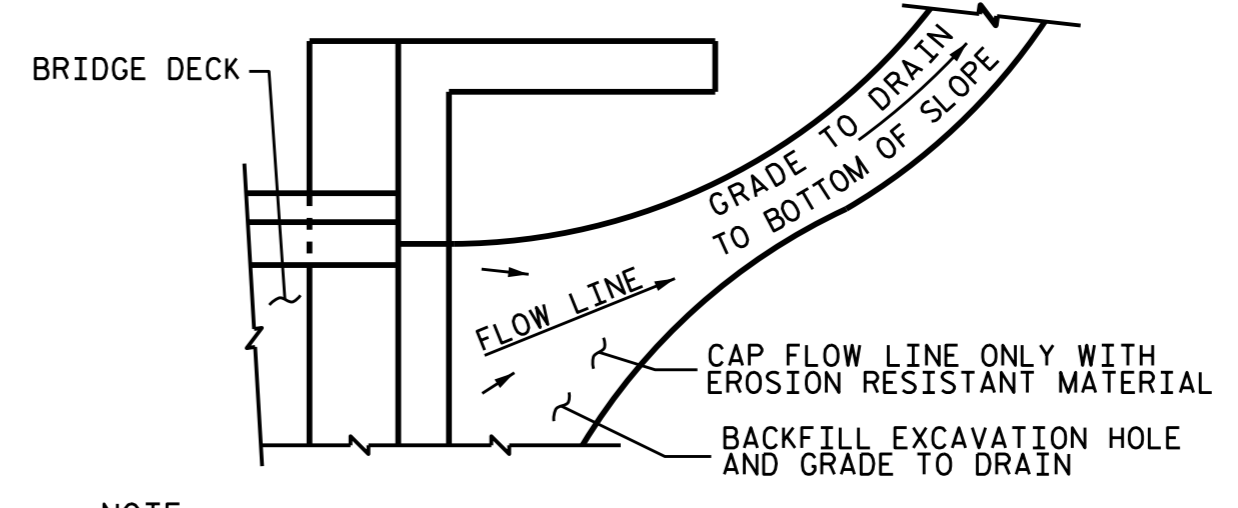
SECTION N-N

END OF CURB WITH SHOULDER BERM GUTTER AT END BENT 1, BOTH SIDES



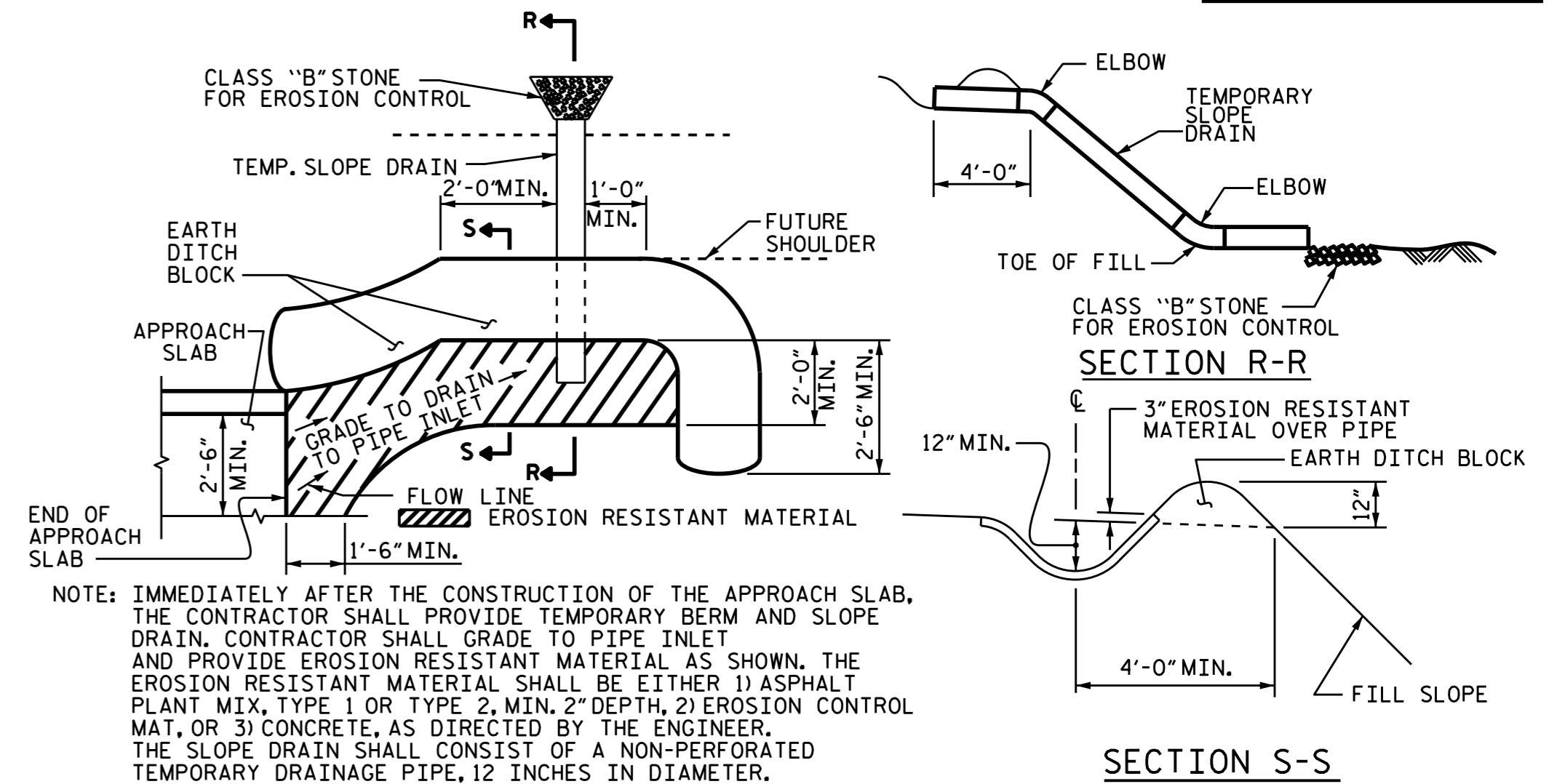
END OF CURB WITHOUT SHOULDER BERM GUTTER AT END BENT 2, BOTH SIDES

CURB DETAILS



NOTE: IF THE APPROACH SLAB IS NOT CONSTRUCTED IMMEDIATELY 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.

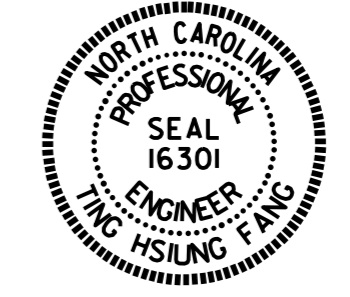
TEMPORARY DRAINAGE DETAIL



PLAN VIEW TEMPORARY BERM AND SLOPE DRAIN DETAILS

(TO BE USED WHEN SHOULDER BERM GUTTER IS REQUIRED)

PROJECT NO. B-5344
 GUILFORD COUNTY
 STATION: 17+21.00 -L-



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
STANDARD BRIDGE APPROACH SLAB FOR PRESTRESSED CONCRETE BOX BEAM UNIT (SUB-REGIONAL TIER) 105° SKEW

REVISIONS						SHEET NO. S-16
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 16
2			4			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ASSEMBLED BY : H. B. DESAI DATE : 5-22-15
 CHECKED BY : D. J. POZOS DATE : 8-03-15
 DRAWN BY : MAA 11/11
 CHECKED BY : AAC 11/11