

PLAN @ END BENT 1 PLAN @ END BENT 2

DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS

NOTES

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

FOR REINFORCED BRIDGE APPROACH FILL FABRIC WALL, INCLUDING GEOTEXTILE, IMPERMEABLE GEOMEMBRANE, 4" Ø DRAINAGE PIPE, \*78M STONE, WELDED WIRE FORM, AND SELECT MATERIAL, SEE ROADWAY PLANS.

THE 4" Ø DRAINAGE PIPE SHALL BE SLOPED TO DRAIN TO RIGHT SIDE SHOULDER IN STAGE II.

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 JOINT SHALL BE SAWS PRIOR TO THE CASTING OF THE PARAPET, END POST AND SIDEWALK.

FOR FOAM JOINT SEALS, SEE SPECIAL PROVISIONS.

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE FOAM JOINT SEAL SHALL BE 2".

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

FOR SECTION THRU SLAB, SEE SHEET 1 OF 4.

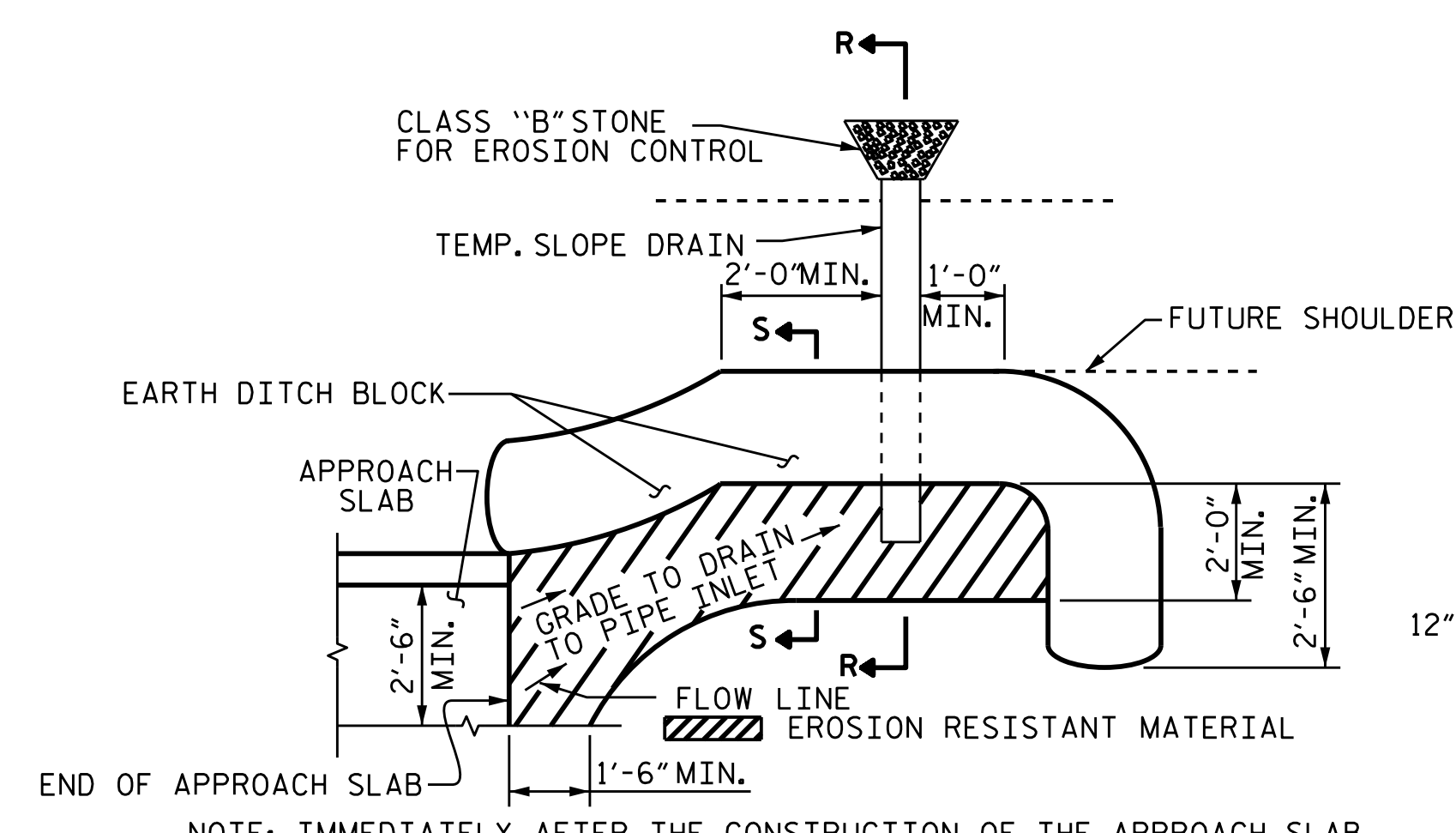
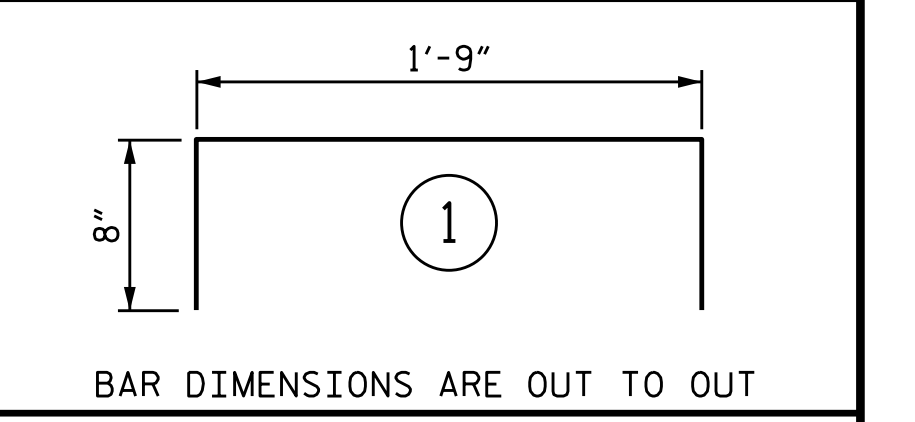
ARC OFFSETS ARE NEGLIGIBLE AND NOT SHOWN AT END BENT 2.

BILL OF MATERIAL

FOR ONE APPROACH SLAB STAGE II (2 REQ'D)

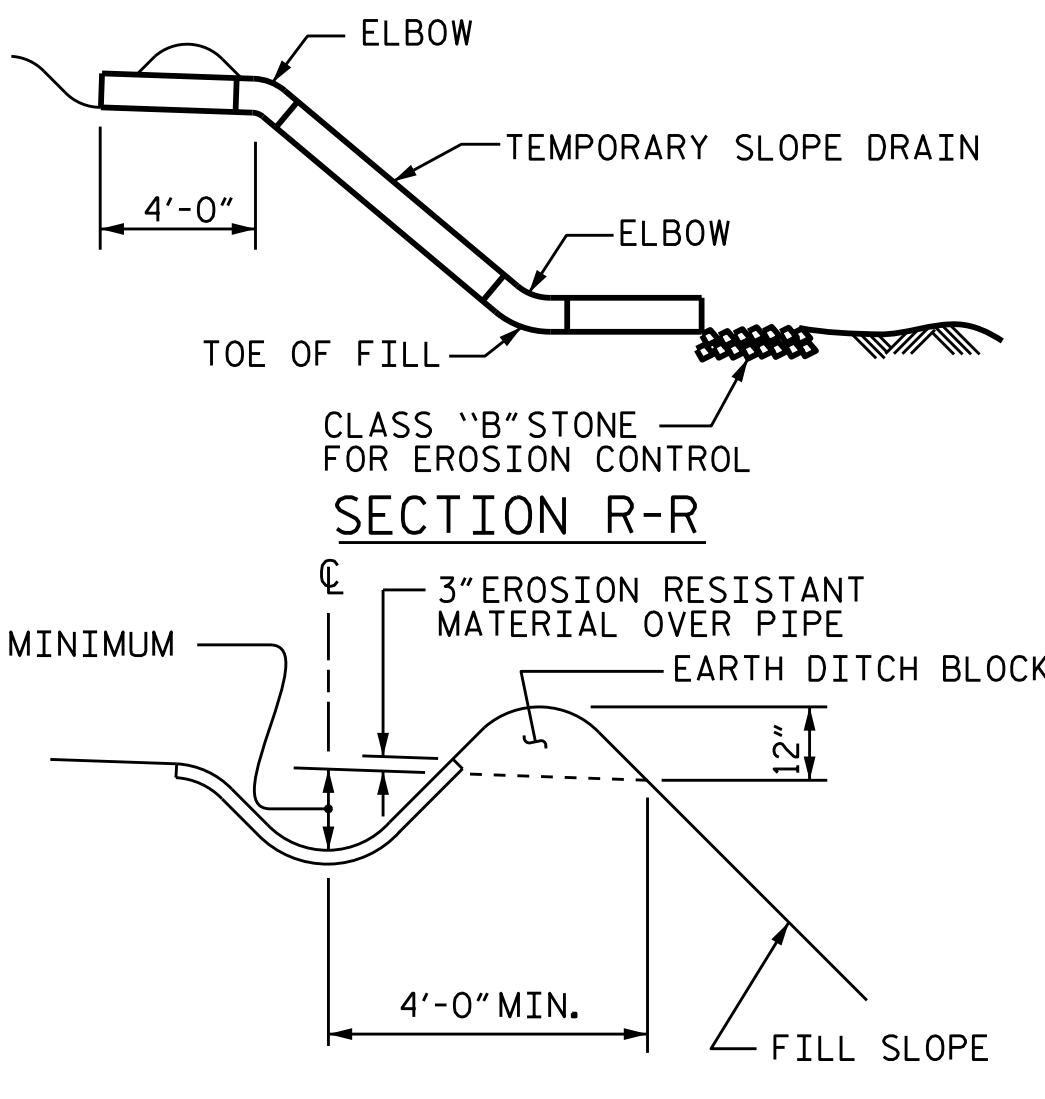
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A3	75	#4	STR	21'-0"	1052
A4	78	#4	STR	20'-10"	1086
* B1	118	#5	STR	23'-9"	2923
B2	118	#6	STR	24'-8"	4372
* B3	5	#4	STR	24'-7"	82
* G1	25	#4	STR	4'-11"	82
* U1	8	#4	1	3'-1"	16
REINFORCING STEEL				LBS.	5,458
* EPOXY COATED REINFORCING STEEL				LBS.	4,155
CLASS AA CONCRETE					
POUR #1 - APPROACH SLAB				C. Y.	63.9
POUR #2 - SIDEWALK				C. Y.	3.1
TOTAL CLASS AA CONCRETE				C. Y.	67.0

BAR TYPE



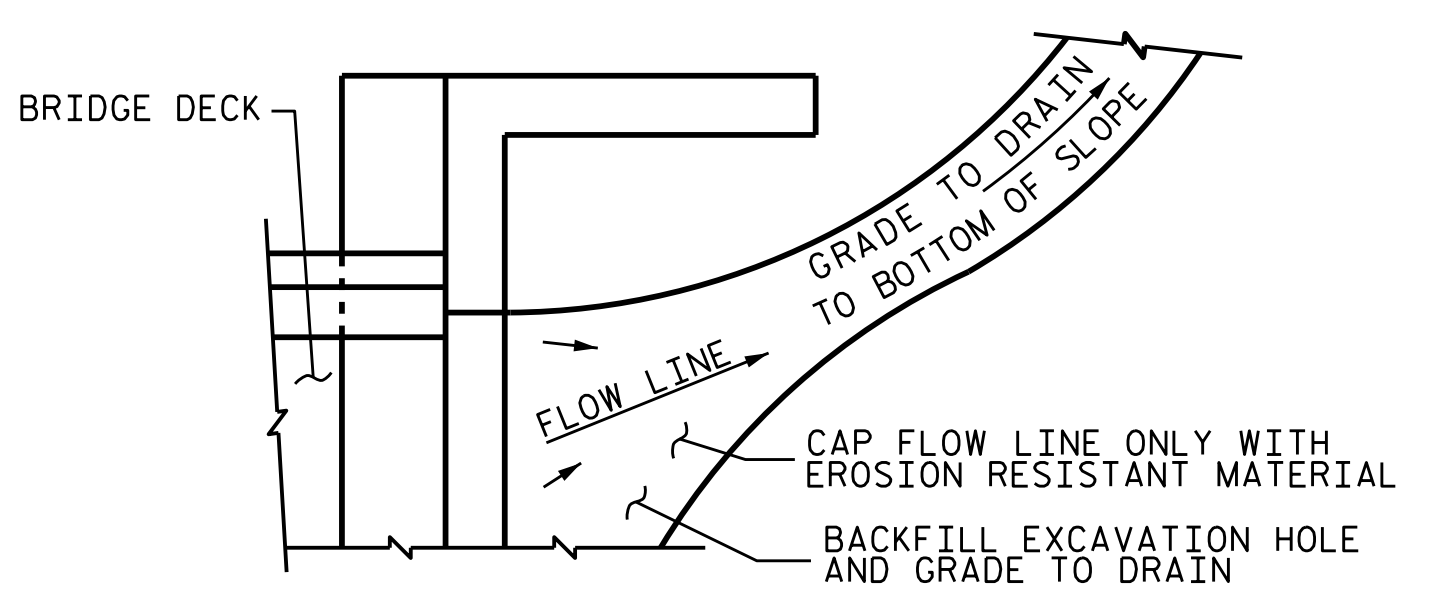
PLAN VIEW

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 EROSION RESISTANT MATERIAL SHALL BE EITHER 1) ASPHALT 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 TEMPORARY DRAINAGE PIPE, 12 INCHES IN DIAMETER.



SECTION R-R

SECTION S-S



TEMPORARY DRAINAGE DETAIL

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.

PROJECT NO. U-3308  
 DURHAM COUNTY  
 STATION: 16+42.70-LALT-

SHEET 2 OF 4



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

REVISIONS						SHEET NO. S1-45
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 47
2			4			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ASSEMBLED BY : T. H. CARROLL	DATE : 9/25/14
CHECKED BY : R. P. PATEL	DATE : 10/21/14
DRAWN BY : EEM 3/95	REV. 10/11/II MAA/GM
CHECKED BY : VAP 3/95	REV. 12/21/II MAA/GM
	REV. 6/13 MAA/GM

(TO BE USED WHEN SHOULDER BERM GUTTER IS REQUIRED)