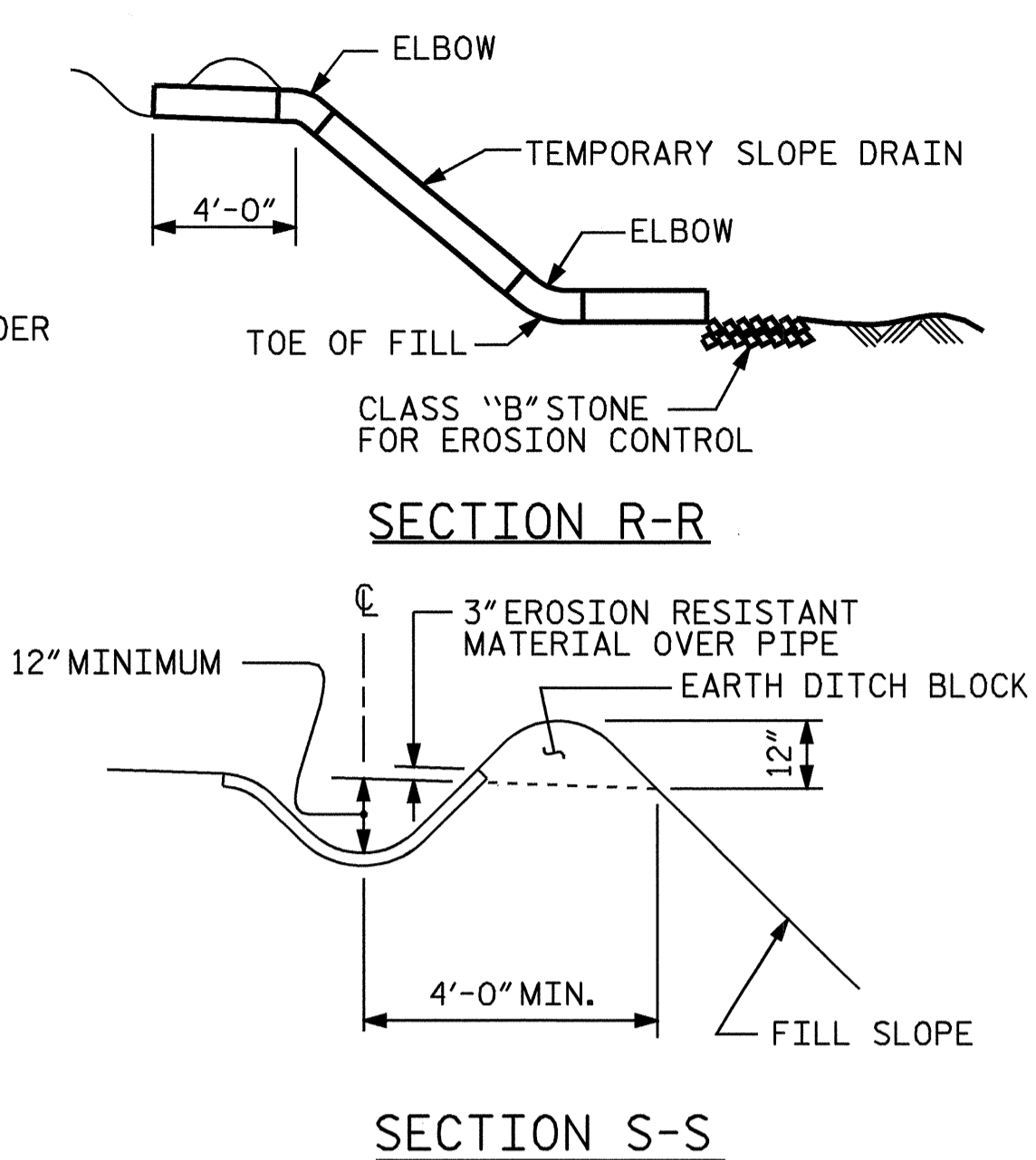


NOTE: IMMEDIATELY AFTER THE CONSTRUCTION OF THE APPROACH SLAB, THE CONTRACTOR SHALL PROVIDE TEMPORARY BERM AND SLOPE DRAIN. CONTRACTOR SHALL GRADE TO PIPE INLET AND PROVIDE EROSION RESISTANT MATERIAL AS SHOWN. THE EROSION RESISTANT MATERIAL SHALL BE EITHER 1) ASPHALT PLANT MIX, TYPE 1 OR TYPE 2, MIN. 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.

PLAN VIEW



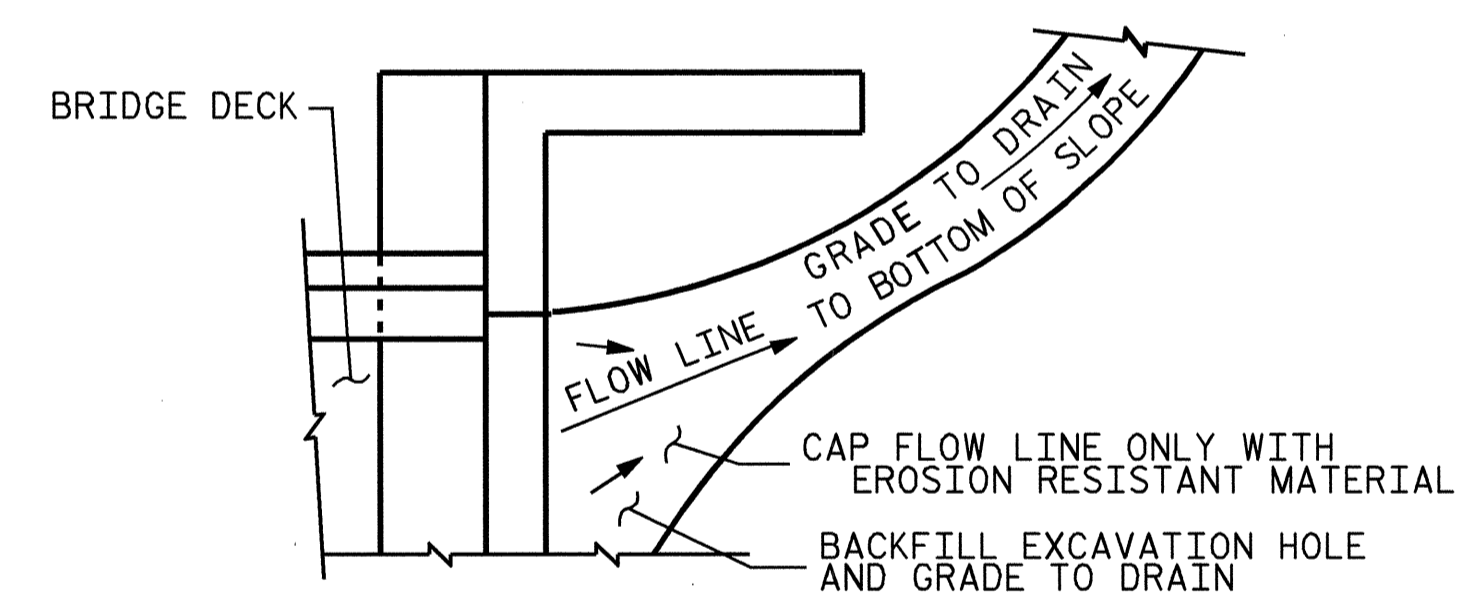
SECTION R-R

SECTION S-S

TEMPORARY BERM AND SLOPE DRAIN DETAILS

NOTES

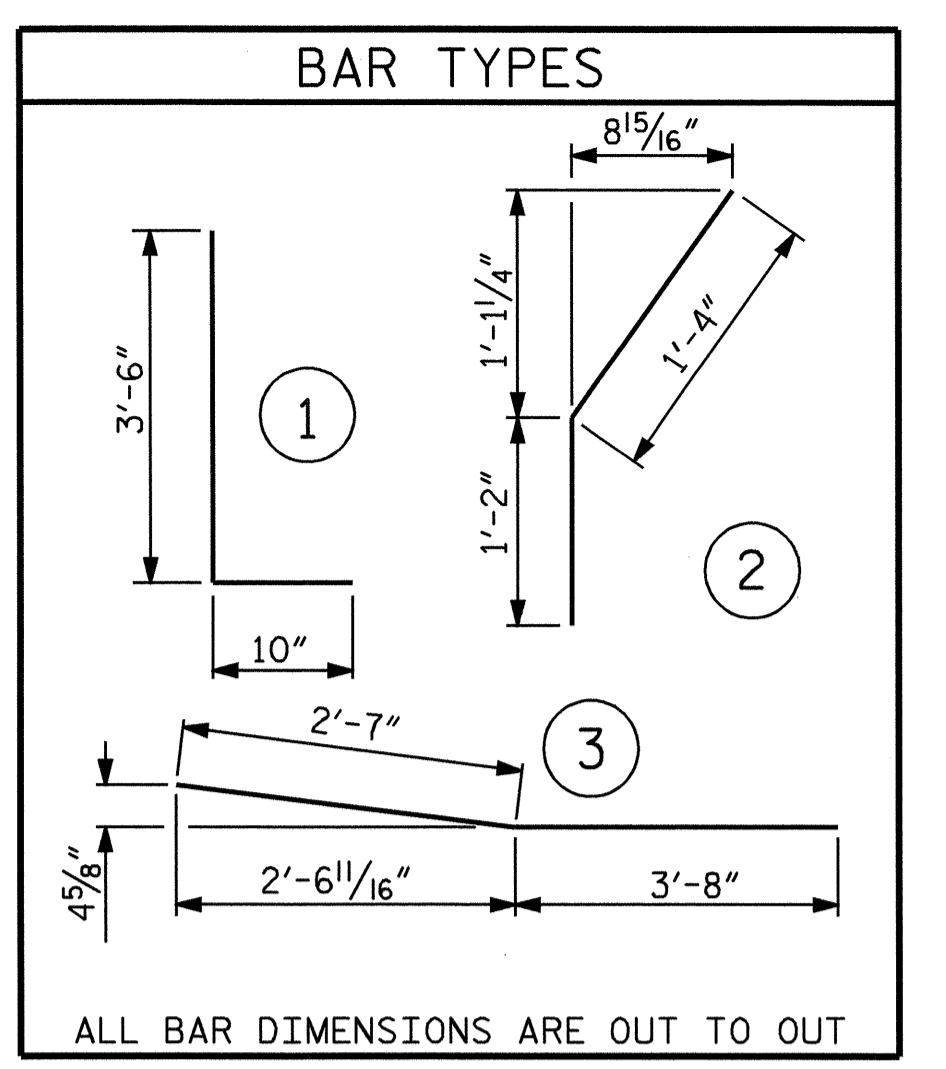
- THE COST OF THE BARRIER RAIL ON THE APPROACH SLAB SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE BID FOR CONSTRUCTION OF SUPERSTRUCTURE.
- FOR REINFORCED BRIDGE APPROACH FILL INCLUDING FABRIC, IMPERMEABLE GEOMEMBRANE, 4" Ø DRAINAGE PIPE, #78M STONE, AND SELECT MATERIAL, SEE ROADWAY PLANS.
- TEMPORARY 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 B-25.0B 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 A
- APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE BRIDGE DECK.



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

BILL OF MATERIAL						
FOR ONE APPROACH SLAB (2 REQ'D.)						
BAR	NO	SIZE	TYPE	LENGTH	WEIGHT	
* A1	49	5	STR	44'-4"	2266	
A2	98	4	STR	23'-1"	1511	
* A11	1	5	STR	42'-5"	44	
* A12	1	5	STR	39'-7"	41	
* A13	1	5	STR	36'-9"	38	
* A14	1	5	STR	33'-11"	35	
* A15	1	5	STR	31'-1"	32	
* A16	1	5	STR	28'-3"	29	
* A17	1	5	STR	25'-5"	27	
* A18	1	5	STR	22'-7"	24	
* A19	1	5	STR	19'-9"	21	
* A20	1	5	STR	16'-11"	18	
* A21	1	5	STR	14'-1"	15	
* A22	1	5	STR	11'-3"	12	
* A23	1	5	STR	8'-5"	9	
* A24	1	5	STR	5'-7"	6	
* A25	1	5	STR	2'-9"	3	
A26	2	4	STR	22'-1"	30	
A27	2	4	STR	20'-8"	28	
A28	2	4	STR	19'-3"	26	
A29	2	4	STR	17'-10"	24	
A30	2	4	STR	16'-5"	22	
A31	1	4	STR	28'-3"	19	
A32	1	4	STR	25'-5"	17	
A33	1	4	STR	22'-7"	15	
A34	1	4	STR	19'-9"	13	
A35	1	4	STR	16'-11"	11	
A36	1	4	STR	14'-1"	9	
A37	1	4	STR	11'-3"	8	
A38	1	4	STR	8'-5"	6	
A39	1	4	STR	5'-7"	4	
A40	1	4	STR	2'-9"	2	
* B1	5	6	STR	24'-3"	182	
* B2	5	6	STR	24'-9"	186	
* B3	5	6	STR	25'-2"	189	
* B4	5	6	STR	25'-7"	192	
* B5	5	6	STR	26'-0"	195	
* B6	5	6	STR	26'-6"	199	
* B7	5	6	STR	26'-11"	202	
* B8	5	6	STR	27'-4"	205	
* B9	5	6	STR	27'-10"	209	
* B10	5	6	STR	28'-3"	212	
* B11	5	6	STR	28'-8"	215	
* B12	5	6	STR	29'-1"	218	
* B13	5	6	STR	29'-7"	222	
* B14	5	6	STR	30'-0"	225	
* B15	5	6	STR	30'-5"	228	
* B16	5	6	STR	30'-10"	232	
* B17	5	6	STR	31'-4"	235	
* B18	4	6	STR	31'-10"	191	
B19	5	8	STR	24'-8"	329	
B20	5	8	STR	25'-1"	335	
B21	5	8	STR	25'-7"	342	
B22	5	8	STR	26'-0"	347	
B23	5	8	STR	26'-5"	353	
B24	5	8	STR	26'-11"	359	
B25	5	8	STR	27'-4"	365	
B26	5	8	STR	27'-9"	370	
B27	5	8	STR	28'-3"	377	
B28	5	8	STR	28'-8"	383	
B29	5	8	STR	29'-1"	388	
B30	5	8	STR	29'-7"	395	
B31	5	8	STR	30'-0"	401	
B32	5	8	STR	30'-5"	406	
B33	5	8	STR	30'-10"	412	
B34	5	8	STR	31'-4"	418	
B35	5	8	STR	31'-9"	424	
B36	4	8	STR	32'-2"	344	
* B37	2	5	3	6'-3"	13	
* B38	14	5	STR	11'-6"	168	
* G1	1	5	STR	45'-4"	47	
* S1	48	5	STR	3'-9"	188	
* S2	48	5	1	4'-4"	217	
* S3	20	5	2	2'-6"	52	
REINFORCING STEEL		LBS.			8,493	
* EPOXY COATED REINFORCING STEEL		LBS.			7,042	
CLASS AA CONCRETE BREAKDOWN						
POUR #1 SLAB & CURB					50.7 C.Y.	
POUR #2 RAIL					2.1 C.Y.	
CLASS AA CONCRETE					52.8 C.Y.	



ALL BAR DIMENSIONS ARE OUT TO OUT



PROJECT NO. B-3839
 FORSYTH COUNTY
 STATION: 19+64.00 -L-
 SHEET 3 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
**BRIDGE APPROACH
 SLAB DETAILS**

ASSEMBLED BY : M. POOLE	DATE : 03/05
CHECKED BY : D. HODGE	DATE : 04/05
DRAWN BY : FCJ 11/88	REV. 8/16/99 MAB/LES
CHECKED BY : ARB 11/88	REV. 10/17/00 RWW/LES
	REV. 5/7/03 RWW/JTE

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