

PLAN OF BARRIER RAIL

NOTES

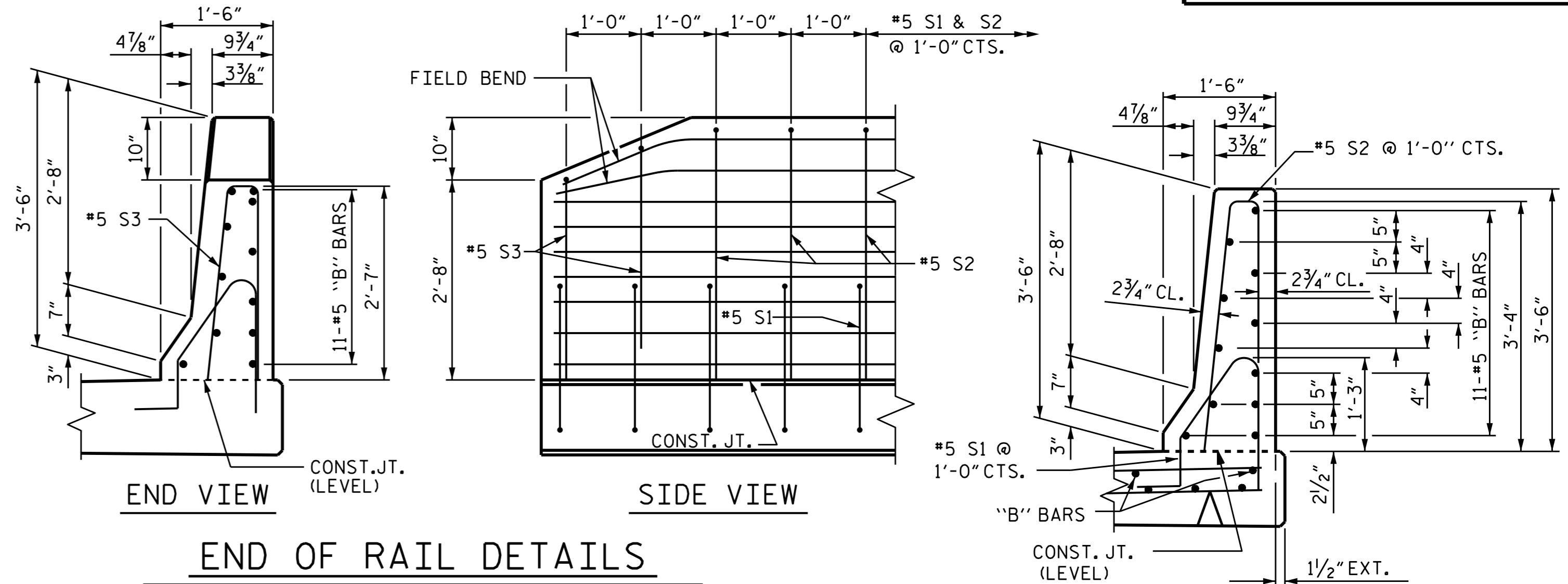
THE COST OF THE BARRIER RAIL ON THE APPROACH SLAB SHALL BE INCLUDED IN THE LINEAR FOOT CONTRACT PRICE BID FOR "CONCRETE BARRIER RAIL".  
 THE BARRIER RAIL ON EACH APPROACH SLAB SHALL NOT BE CAST UNTIL ALL APPROACH SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.  
 ALL REINFORCING STEEL IN BARRIER RAILS SHALL BE EPOXY COATED.  
 FOR APPLICATION OF BRIDGE COATING, SEE SPECIAL PROVISIONS.

**BAR TYPES**

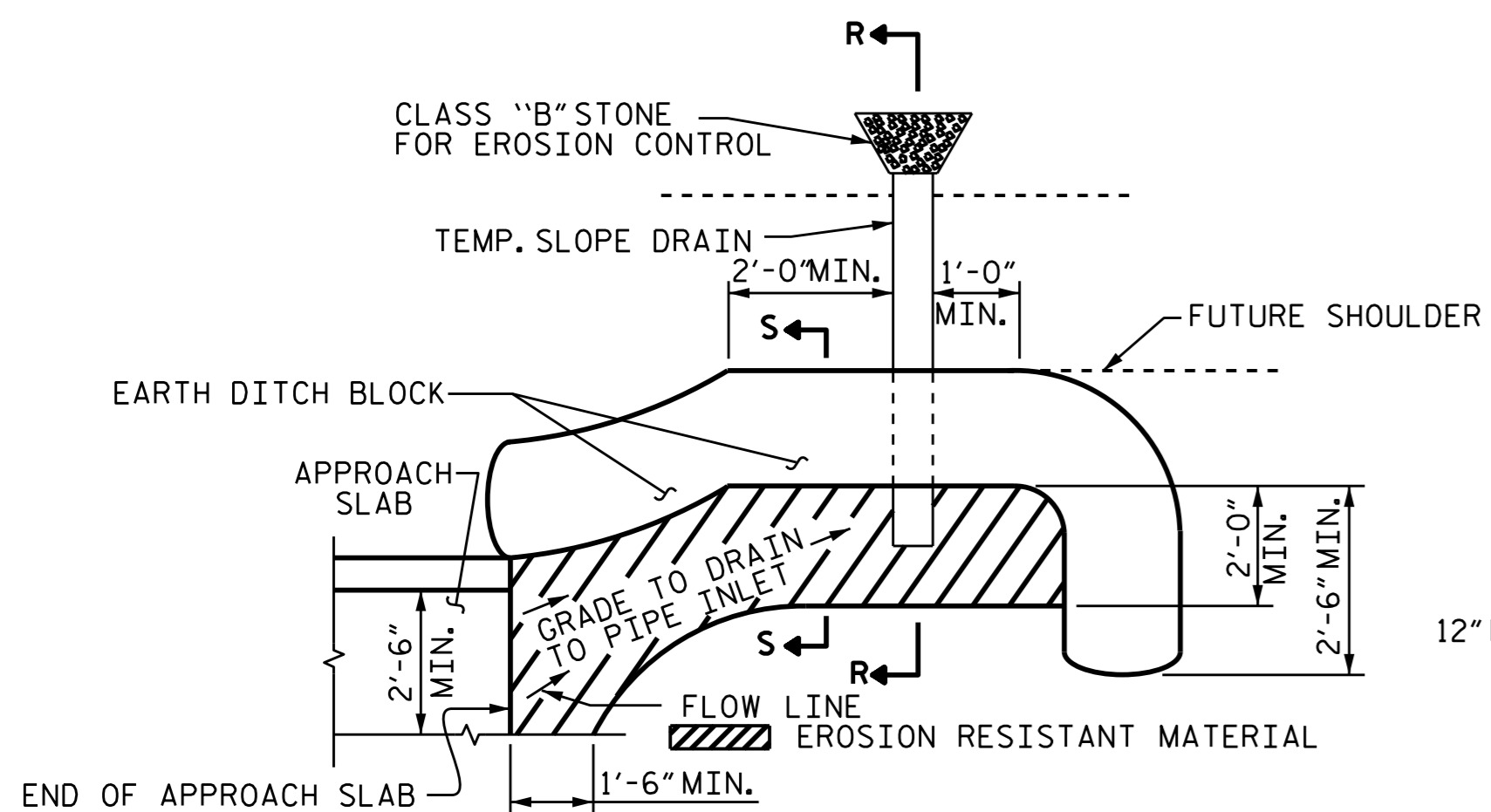
ALL BAR DIMENSIONS ARE OUT TO OUT

**BILL OF MATERIAL**

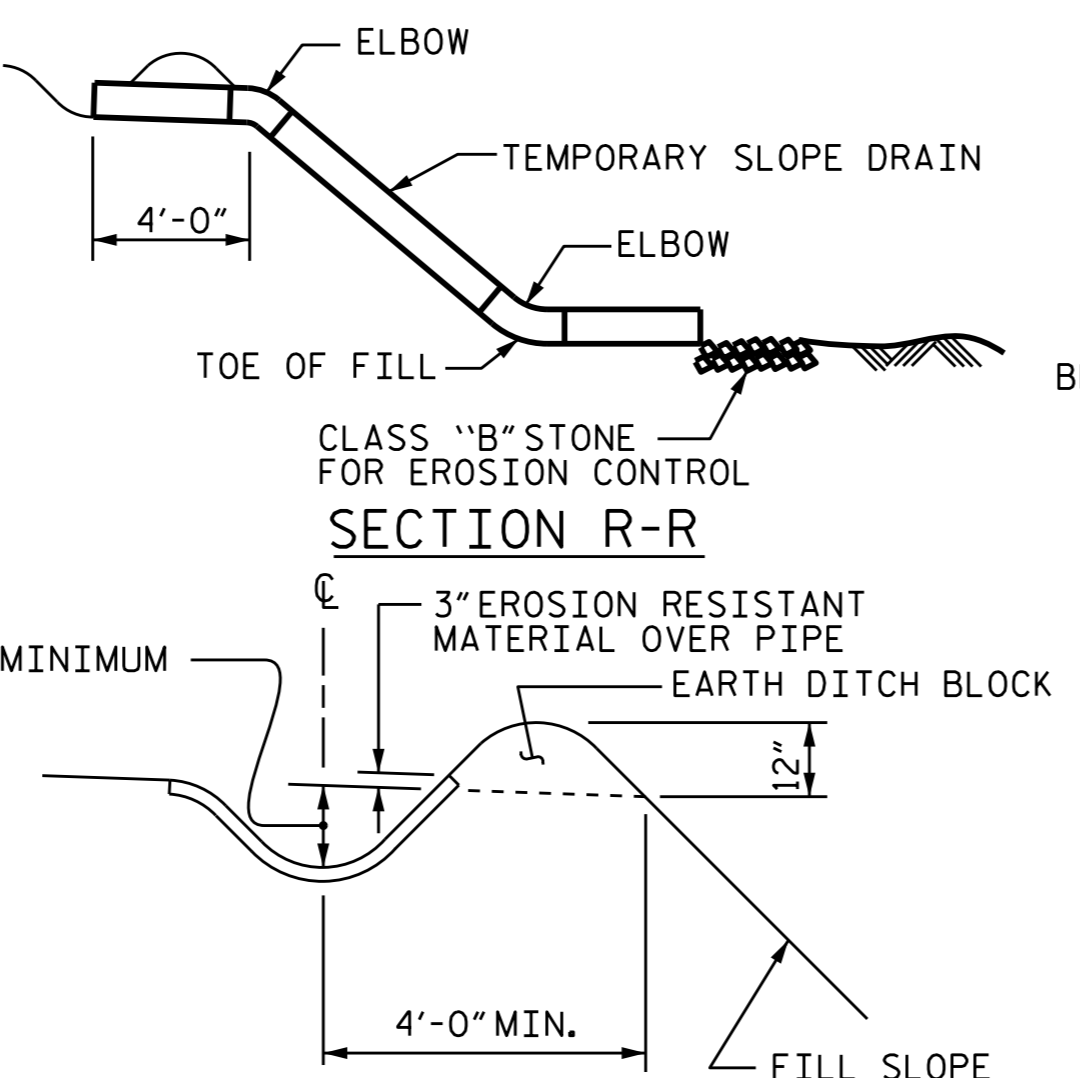
BARRIER RAIL ONLY						
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT		
* B1	22	#5	STR	10'-0"	229	
* B2	22	#5	STR	9'-8"	222	
* S1	40	#5	1	5'-1"	212	
* S2	32	#5	2	7'-0"	234	
* S3	8	#5	2	5'-6"	46	
* EPOXY COATED REINFORCING STEEL				LBS.	943	
CLASS AA CONCRETE				C. Y.	5.6	
CONCRETE BARRIER RAIL				LIN. FT.	40.9	



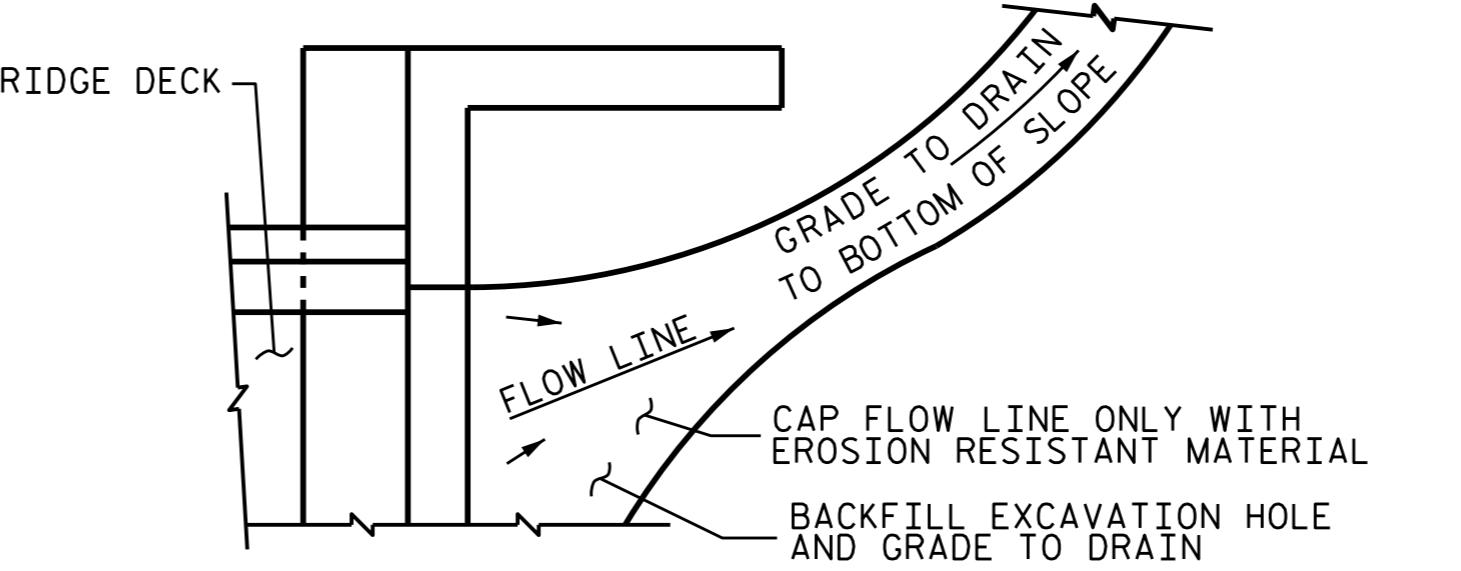
END OF RAIL DETAILS



PLAN VIEW



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. I-3318BB  
 JOHNSTON COUNTY  
 STATION: 24+68.00 -L-



SHEET 8 OF 11

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

STANDARD  
 BRIDGE APPROACH  
 SLAB DETAILS

REVISIONS						SHEET NO. S-75
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 78
2			4			

ASSEMBLED BY : D. G. ELY DATE : 10/15  
 CHECKED BY : G. W. DICKEY DATE : 10/15

DRAWN BY : FCJ 11/88  
 CHECKED BY : ARB 11/88

MAA/GM  
 MAA/GM  
 MAA/GM

REV. 10/1/11  
 REV. 7/12  
 REV. 6/13

TEMPORARY BERM AND SLOPE DRAIN DETAILS

(TO BE USED WHEN SHOULDER BERM GUTTER IS REQUIRED)