

GENERAL NOTES

SLOPE PROTECTION SHALL BE PLACED UNDER THE ENDS OF THE BRIDGE AS SHOWN IN THE DETAILS. THE CONTRACTOR, AT HIS OPTION, MAY USE ALTERNATE "B" ONLY FOR HIGHWAY OVER HIGHWAY GRADE SEPARATIONS WITH 2:1 END BENT SLOPE IN RURAL, UNPOPULATED AREAS. STRAIGHT EDGING WILL NOT BE REQUIRED UNLESS, IN THE OPINION OF THE ENGINEER, VISUAL INSPECTION INDICATES A NEED FOR IT. METHOD OF MEASUREMENT AND BASIS OF PAYMENT SHALL BE AS PRESCRIBED IN SECTION 462 OF THE STANDARD SPECIFICATIONS. FOR BERM WIDTH, SEE GENERAL

ALTERNATE "A"

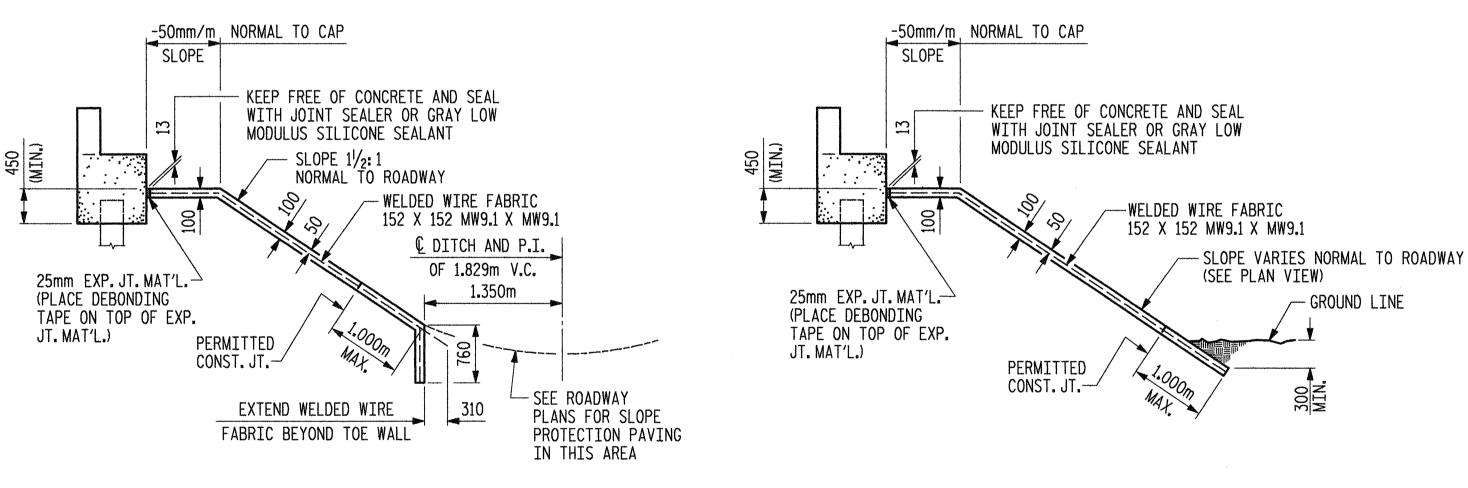
ALTERNATE "A" SHALL CONSIST OF 100mm POURED-IN-PLACE CONCRETE PAVING AS SHOWN IN THE DETAILS ON THIS SHEET. CONCRETE SHALL BE CLASS "B". THE CONCRETE SURFACE SHALL BE FLOATED WITH A WOODEN FLOAT AND FINISHED. WELDED WIRE FABRIC REINFORCING SHALL BE 152 X 152 - W9.1 X W9.1, 1520mm WIDE, SLOPE PROTECTION SHALL BE POURED IN 1520mm STRIPS AS SHOWN IN THE "POURING DETAIL" WITH 600mm LONG #13 BARS PLACED ALONG THE SLOPE BETWEEN STRIPS AT 450mm MAXIMUM SPACING. SLOPE PROTECTION MAY BE POURED IN ALTERNATE 1220mm AND 1520mm STRIPS AS SHOWN IN THE "OPTIONAL POURING DETAIL" WITH ADJACENT RUNS OF WELDED WIRE FABRIC LAPPING AT LEAST 152mm. THE COST OF THE WELDED WIRE FABRIC AND #13 BARS, IF USED, SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID PER SQUARE METER FOR SLOPE PROTECTION.

FOR BERM WIDTH DIMENSIONS, SEE GENERAL DRAWING.

ESTIMATED QUANTITIES							
BRIDGE @ STA. 27+51.601 -I1Y1-	100mm SLOPE PROTECTION	₩ WELDED WIRE FABRIC 1520mm WIDE	600mm PLAIN RIP RAP CLASS II	FILTER FABRIC FOR DRAINAGE			
	SQUARE METERS	APPROX. METERS	METRIC TON	SQUARE METERS			
END BENT #1	230	150	and the consequent property of the consequence property of the c				
END BENT #2			500	520			

* QUANTITY SHOWN IS BASED ON 1520mm POURS.

(ALTERNATE "A" SLOPE PROTECTION)

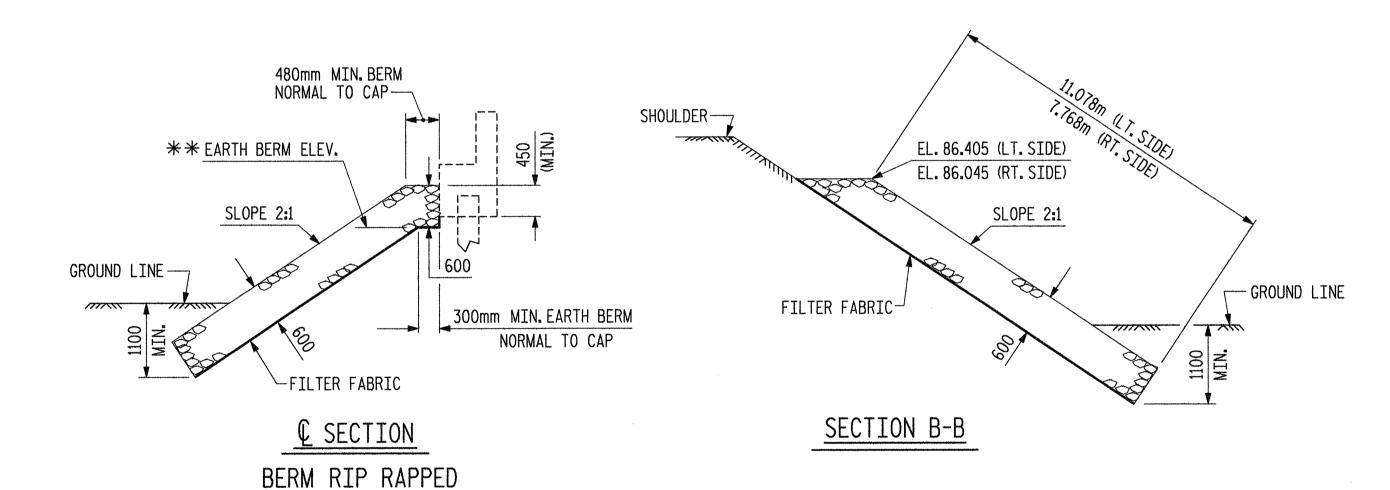


SECTION ALONG & ROADWAY WHEN FILL CATCHES IN DITCH

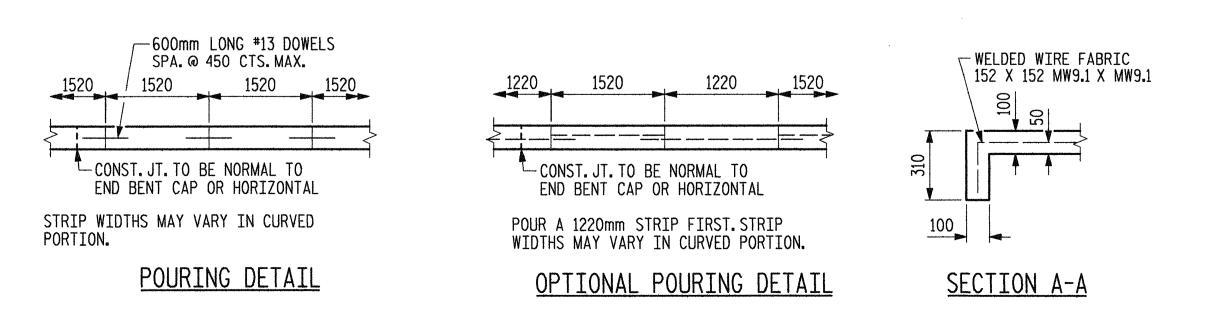
SECTION ALONG € ROADWAY WHEN DITCH IS NOT PROVIDED

PLAN AT END BENT #2 (CLASS II RIP RAP)

** FOR BERM ELEVATIONS, SEE GENERAL DRAWING.

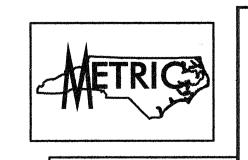


DETAILS FOR ALTERNATE "A"



R-2552AA PROJECT NO. WAKE-JOHNSTON COUNTY

27+51.601 -I1Y1-STATION:



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

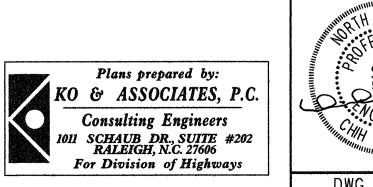
> SLOPE PROTECTION AND RIP RAP DETAILS

> > SHEET NO.

5-79

TOTAL SHEETS 429

DATE:



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CINEER.	REVISIONS					
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DWG. NO. 43	2			4		

DATE JAN. 2005 DRAWN BY B.E. LANNING CHECKED BY J.C. KO / A.K. ORR DATE JAN. 200