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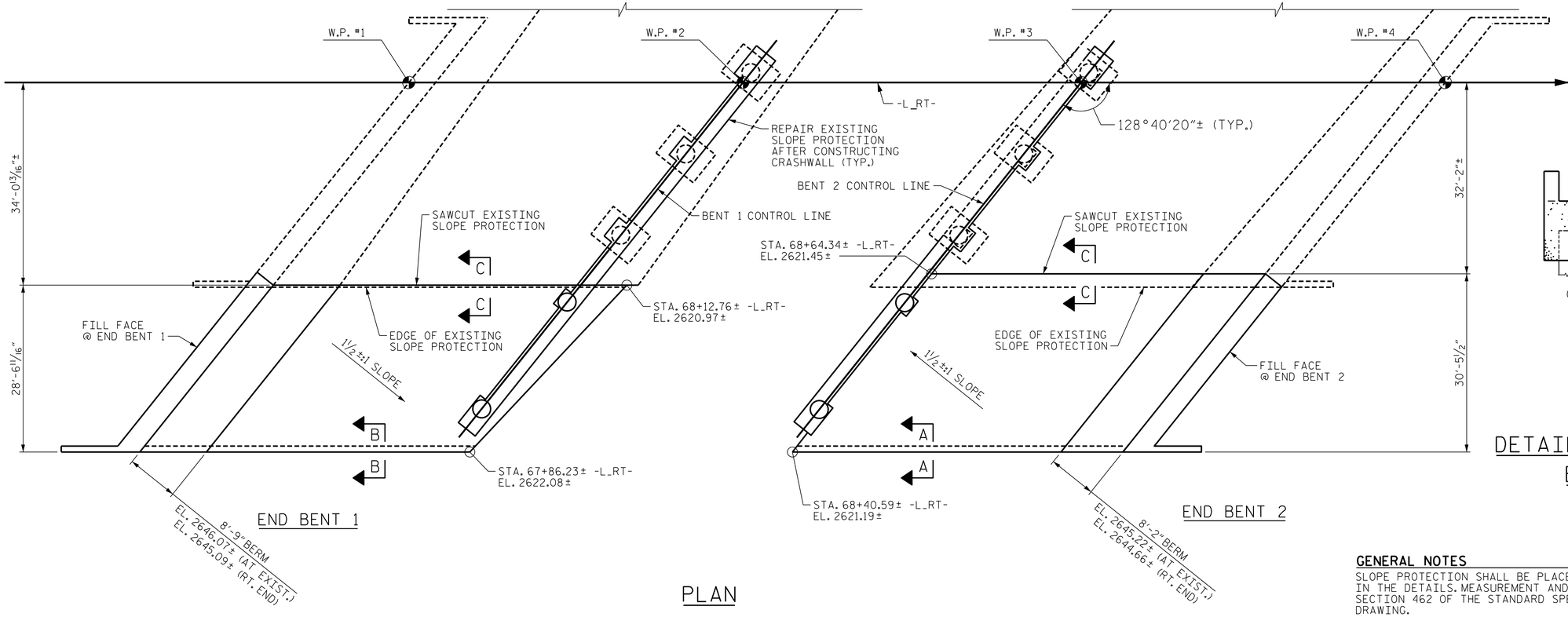
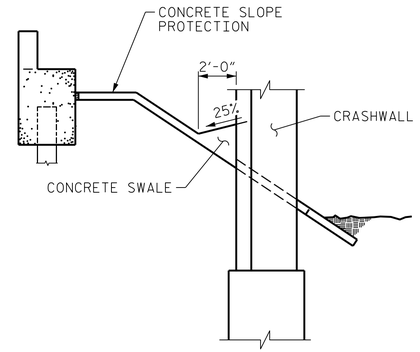
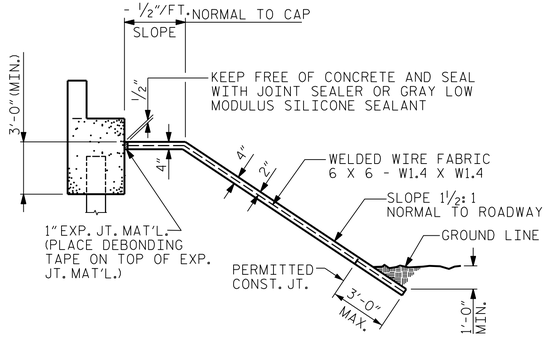


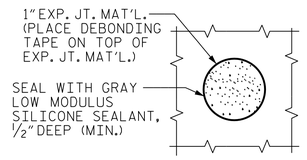
PLAN



DETAIL OF SLOPE PROTECTION BEHIND CRASHWALL



SECTION ALONG ℄ SURVEY WHEN DITCH IS NOT PROVIDED



PLAN WHERE CONCRETE SLOPE PROTECTION MUST BE PLACED AROUND A BENT COLUMN

BRIDGE @ STA. 68+65.75± -L_RT-	4" INCH SLOPE PROTECTION	✳ WELDED WIRE FABRIC 60 INCHES WIDE
	SQUARE YARDS	APPROX. L.F.
END BENT 1	211.9	382
END BENT 2	225.8	407

✳ QUANTITY SHOWN IS BASED ON 5' POURS.

GENERAL NOTES

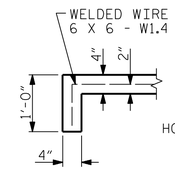
SLOPE PROTECTION SHALL BE PLACED UNDER THE ENDS OF THE BRIDGE AS SHOWN IN THE DETAILS. MEASUREMENT AND PAYMENT SHALL BE AS PRESCRIBED IN SECTION 462 OF THE STANDARD SPECIFICATIONS. FOR BERM WIDTH, SEE GENERAL DRAWING.

NO SEPARATE PAYMENT SHALL BE MADE FOR THE CONCRETE SWALE BEHIND THE CRASHWALL. PAYMENT IS INCLUDED IN THE PAY ITEM FOR 4" SLOPE PROTECTION.

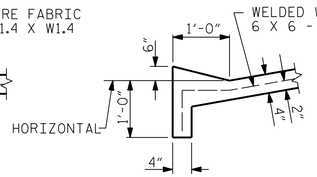
NO SEPARATE PAYMENT SHALL BE MADE FOR REPAIR AND REPLACEMENT OF EXISTING CONCRETE SLOPE PROTECTION AFTER CONSTRUCTING PROPOSED CRASHWALL. PAYMENT IS INCLUDED IN THE PAY ITEM FOR 4" SLOPE PROTECTION.

ALTERNATE "A"

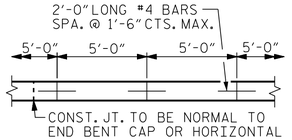
ALTERNATE "A" SHALL CONSIST OF 4" POURED-IN-PLACE CONCRETE PAVING AS SHOWN IN THE DETAILS ON THIS SHEET. CONCRETE SHALL BE CLASS "B". THE CONCRETE SURFACE SHALL BE FLOATED WITH A WOODEN FLOAT AND FINISHED. WELDED WIRE FABRIC REINFORCING SHALL BE 6 X 6 - W1.4 X W1.4, 60" WIDE. SLOPE PROTECTION SHALL BE POURED IN 5' STRIPS AS SHOWN IN THE "POURING DETAIL" WITH 2'-0" LONG #4 BARS PLACED ALONG THE SLOPE BETWEEN STRIPS AT 1'-6" MAXIMUM SPACING. SLOPE PROTECTION MAY BE POURED IN ALTERNATE 4' AND 5' STRIPS AS SHOWN IN THE "OPTIONAL POURING DETAIL" WITH ADJACENT RUNS OF WELDED WIRE FABRIC LAPPING AT LEAST 6". THE COST OF THE WELDED WIRE FABRIC AND #4 BARS, IF USED, SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID PER SQUARE YARD FOR SLOPE PROTECTION.



SECTION A-A

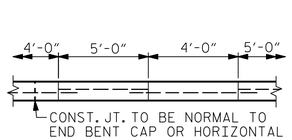


SECTION B-B

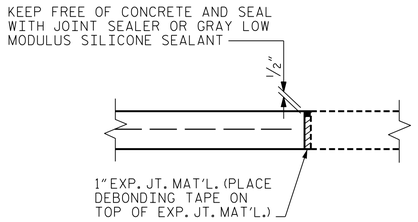


STRIP WIDTHS MAY VARY IN CURVED PORTION.

POURING DETAIL



OPTIONAL POURING DETAIL



SECTION C-C

PROJECT NO. B-3186/B-5898

HAYWOOD COUNTY

STATION: 68+65.75± -L_RT-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SLOPE PROTECTION DETAILS

NORTH CAROLINA PROFESSIONAL SEAL 043854 ENGINEER ERIC M. NOLTING

Eric Nolting 1/25/2022

HDR Engineering, Inc. of the Carolinas
555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S03R-46
1	--	--	3	--	--	TOTAL SHEETS
2	--	--	4	--	--	61

DES BY: F. CORDOVA DATE: 07/21
DES CHK: E. NOLTING DATE: 07/21
DWG BY: B. PETERSON DATE: 07/21
CHK BY: E. NOLTING DATE: 07/21

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