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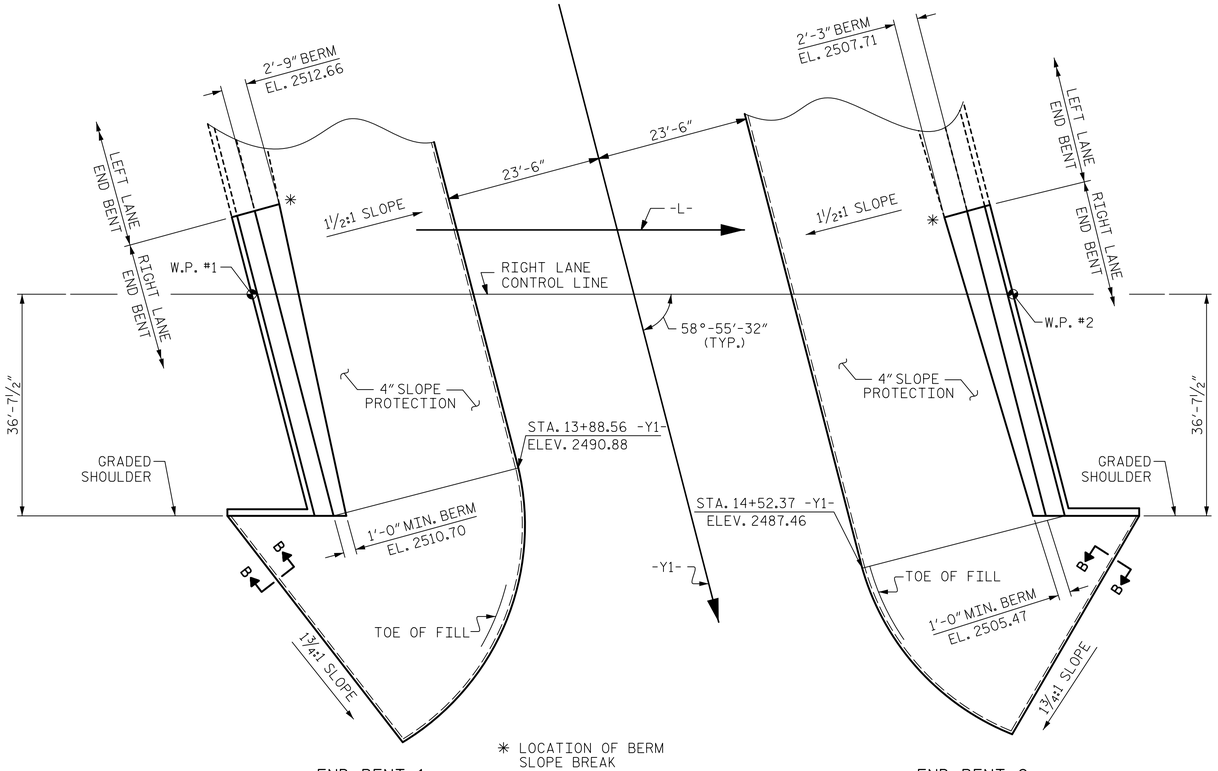


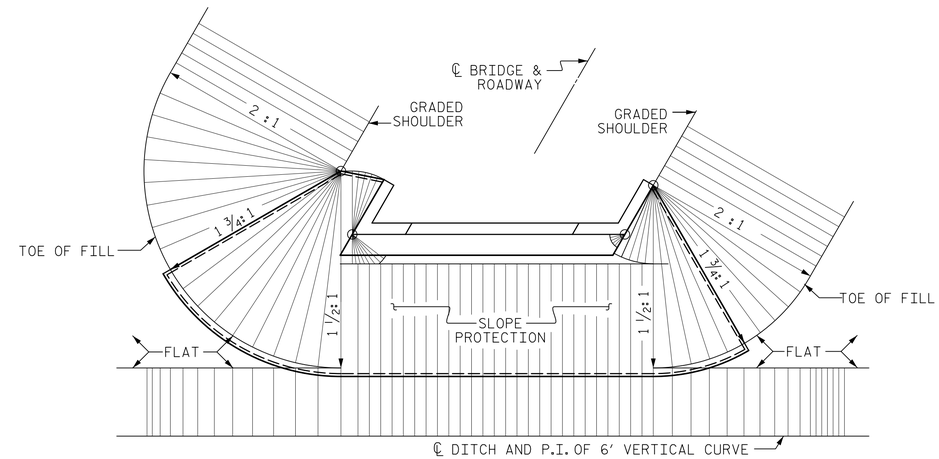
PLAN OF SLOPE PROTECTION

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.

SLOPE PROTECTION

SLOPE PROTECTION 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.

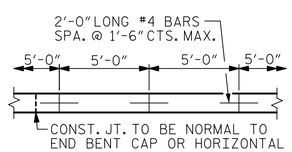


PLAN - END BENT WITH SWEPT BACK WINGS - SKEWED

(1 ½:1 SLOPE)

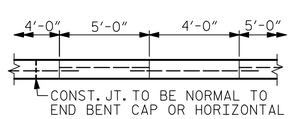
BRIDGE @ STA. 24+11.31 -L- (RIGHT LANE)	4" INCH SLOPE PROTECTION	* WELDED WIRE FABRIC 60 INCHES WIDE
	SQUARE YARDS	APPROX. L.F.
END BENT 1	334	668
END BENT 2	300	600

* QUANTITY SHOWN IS BASED ON 5' POURS.



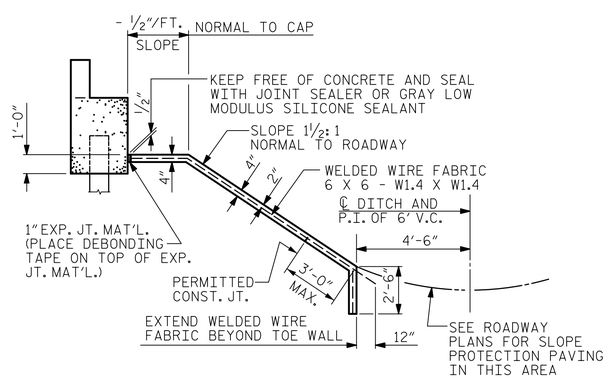
STRIP WIDTHS MAY VARY IN CURVED PORTION.

POURING DETAIL

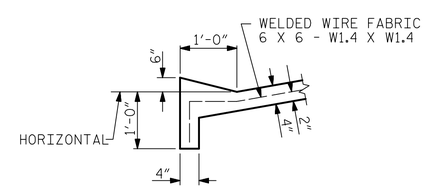


POUR A 4'-0" STRIP FIRST. STRIP WIDTHS MAY VARY IN CURVED PORTION.

OPTIONAL POURING DETAIL



SECTION ALONG ℄ ROADWAY WHEN FILL CATCHES IN DITCH



SECTION B-B

PROJECT NO. R-2519B
YANCEY/MITCHELL COUNTY
STATION: 24+11.31 -L-

ASSEMBLED BY : K.H. COMPTON		DATE : 4/1/2013			
CHECKED BY : R.L. WHITCHER		DATE : 4/30/13			
DESIGNED BY : K.H. COMPTON		DATE : 1/3/13			
DRAWN BY : ELR 5/92	REV. 5/1/06	TLA/GM			
CHECKED BY : GRP 6/92	REV. 10/1/11	MAA/GM			
	REV. 12/21/11	MAA/GM			

Prepared by
URS
URS Corporation - North Carolina
1600 Perimeter Park Drive, Suite 400
Morrisville, NC 27560
PHONE: 919) 461-1100 FAX: (919) 461-1415
NC LIC. # C-2243

8/21/2014
NORTH CAROLINA PROFESSIONAL SEAL 038447 ENGINEER ANDREW S. MILLER
DocuSigned by: Andrew S. Miller
D5DB20D9405446D...

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

SLOPE PROTECTION DETAILS

(RIGHT LANE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-51
1			3			TOTAL SHEETS
2			4			194

8/20/2014
P:\Jobs1\R2519B\Structures\Electronic Signed Plans\Str 2\402_047_S02_R2519B_SP.dgn
kyle_compton

STD. NO. SP1 (SHT 5)

STR. #2