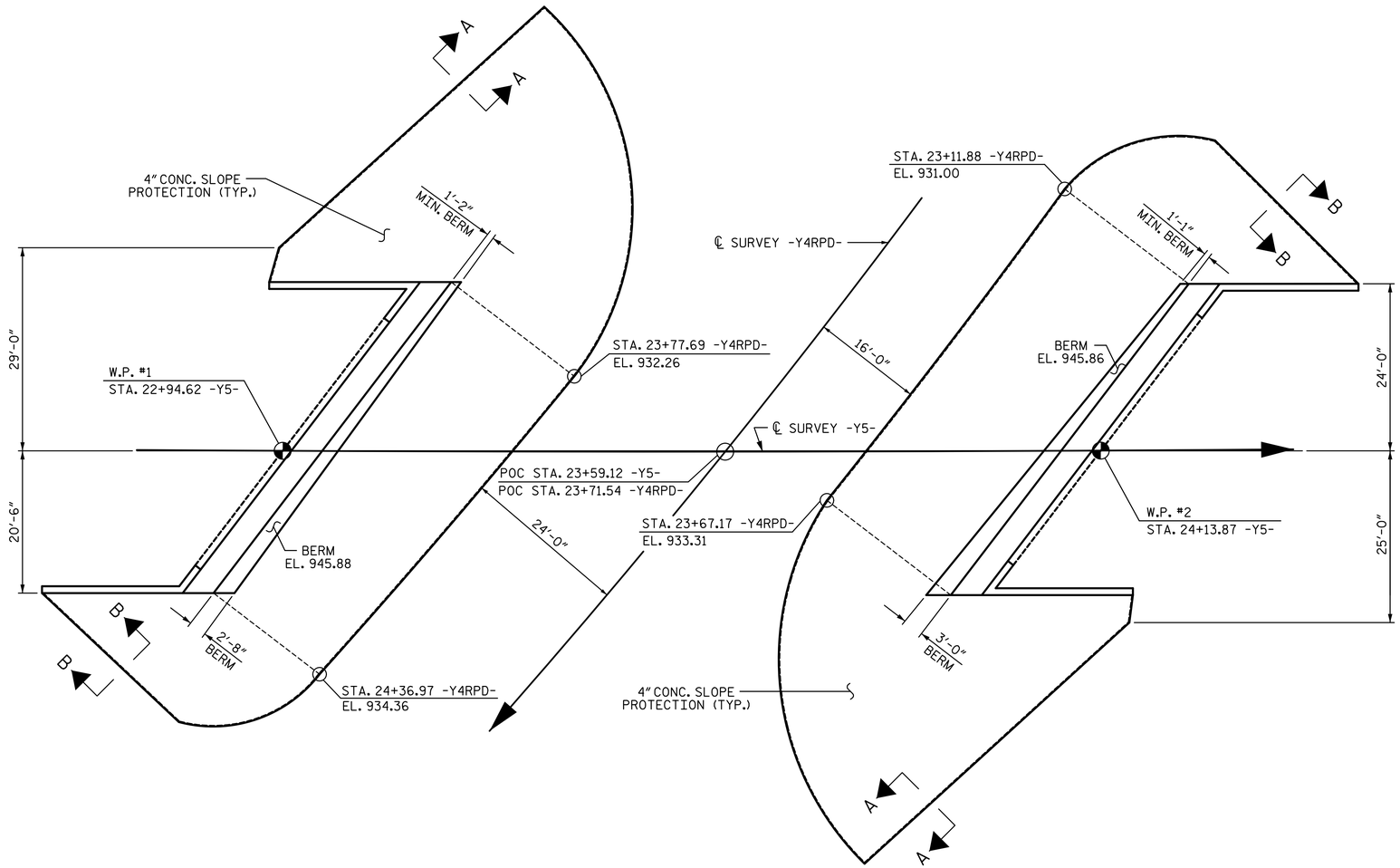
DocuSign Envelope ID: 1818FB5B-B49A-4408-B1F1-58B42B1D31FD

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.

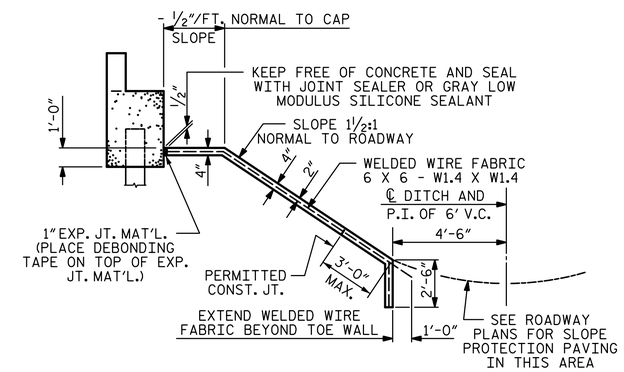
SLOPE PROTECTION SHALL CONSIST OF 4″POURED-IN-PLACE CONCRETE PAVING AS SHOWN IN THE DETAILS ON THIS SHEET. CONCRETE SHALL BE CLASS ″B″. THE CONCRETE SURFACE SHALL BE FLOATED WITH A WOODEN FLOAT AND FINISHED. WELDED WIRE FABRIC REINFORCING SHALL BE 6 X 6 - W1.4 X W1.4, 60″ WIDE. SLOPE PROTECTION SHALL 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.



@ END BENT 1

@ END BENT 2

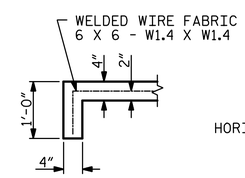
PLAN



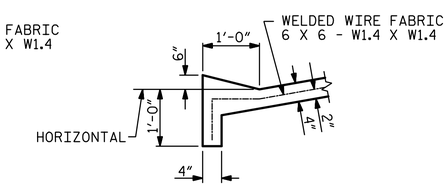
SECTION ALONG ℄ ROADWAY WHEN FILL CATCHES IN DITCH

BRIDGE @ STA. 23+59.12 -Y5-	4″INCH SLOPE PROTECTION	✳ WELDED WIRE FABRIC 60 INCHES WIDE
	SQUARE YARDS	APPROX. LF
END BENT 1	305	550
END BENT 2	330	595

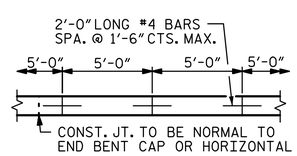
✳ QUANTITY SHOWN IS BASED ON 5′ POURS.



SECTION A-A

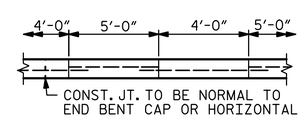


SECTION B-B



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

PROJECT NO. U-2579B
FORSYTH COUNTY
STATION: 23+59.12 -Y5-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SLOPE PROTECTION DETAILS

PLANS PREPARED BY:
SIMPSON ENGINEERS & ASSOCIATES
5640 Dillard Drive
Suite 200
Cary, NC 27518
(919) 852-0468
(919) 852-0598 (Fax)
www.simpsonengr.com
LICENSURE NO. C-2521

NORTH CAROLINA PROFESSIONAL SEAL 023908 ENGINEER MARK A. AVERETTE
DocuSigned by: Mark Averette
8/15/2014

REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		S-655
1			3				TOTAL SHEETS
2			4				S-707

DRAWN BY:	S. D. COOPER	DATE:	3-14
CHECKED BY:	T. J. BEACH	DATE:	3-14
DESIGN ENGINEER OF RECORD:	M. AVERETTE	DATE:	3-14

8/15/2014 3:10:43 PM G:\Projects\2013\U-2579B\Structures\Site 17\Site 17 Drawings\Final\U-2579B_sd_site 17_sp.dgn