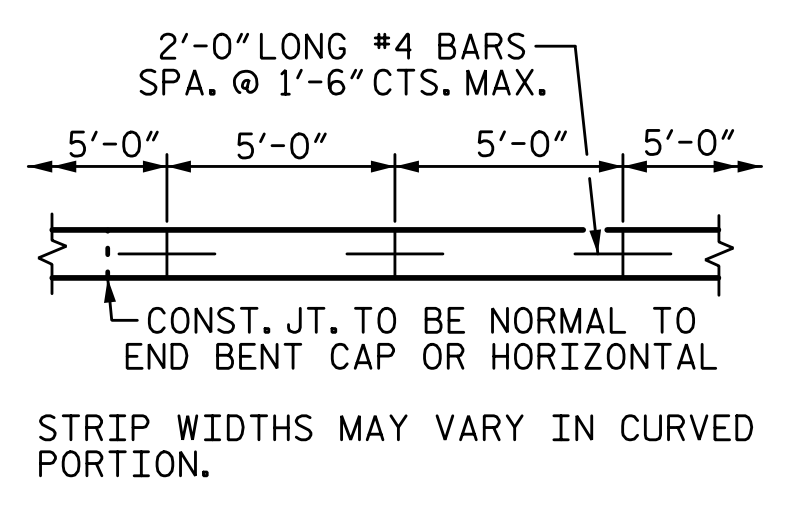
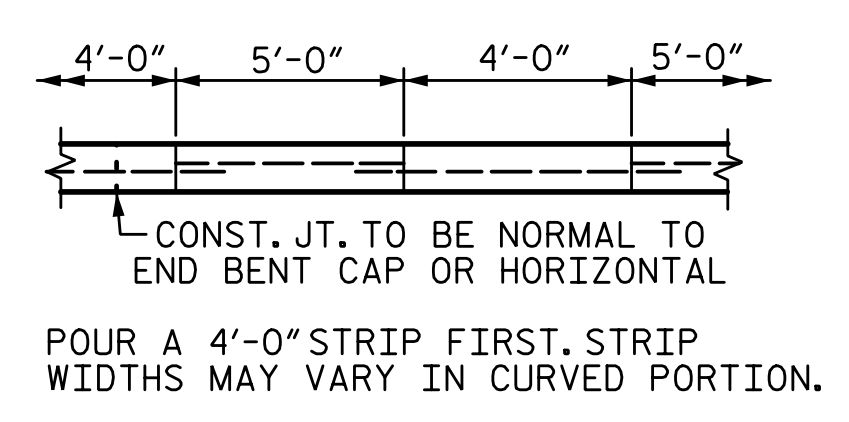


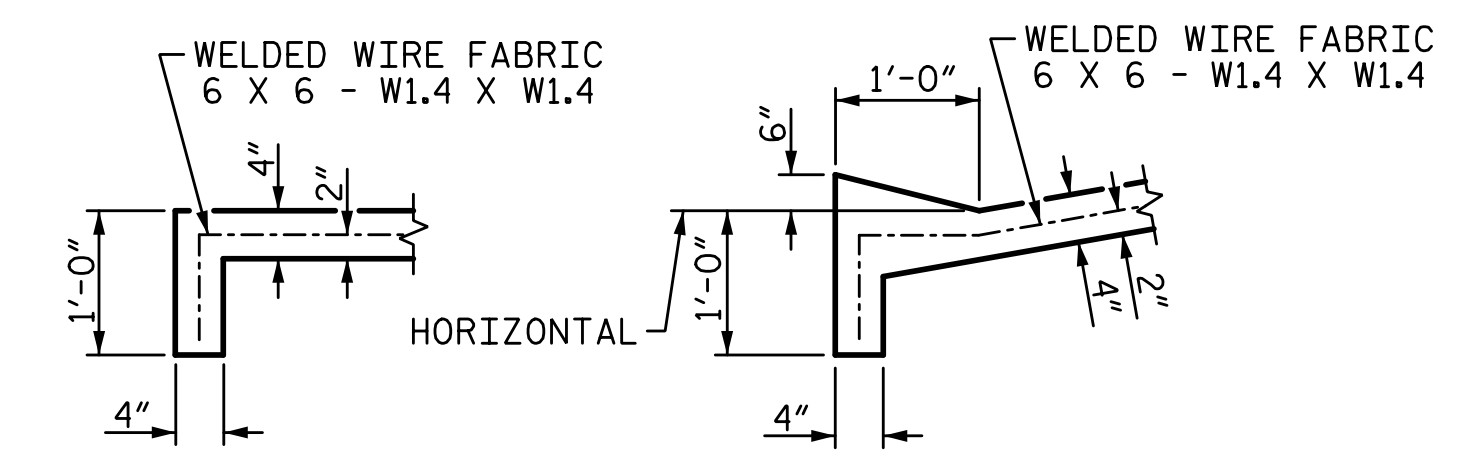
SECTION ALONG C SURVEY WITH SHOULDER PIER



POURING DETAIL

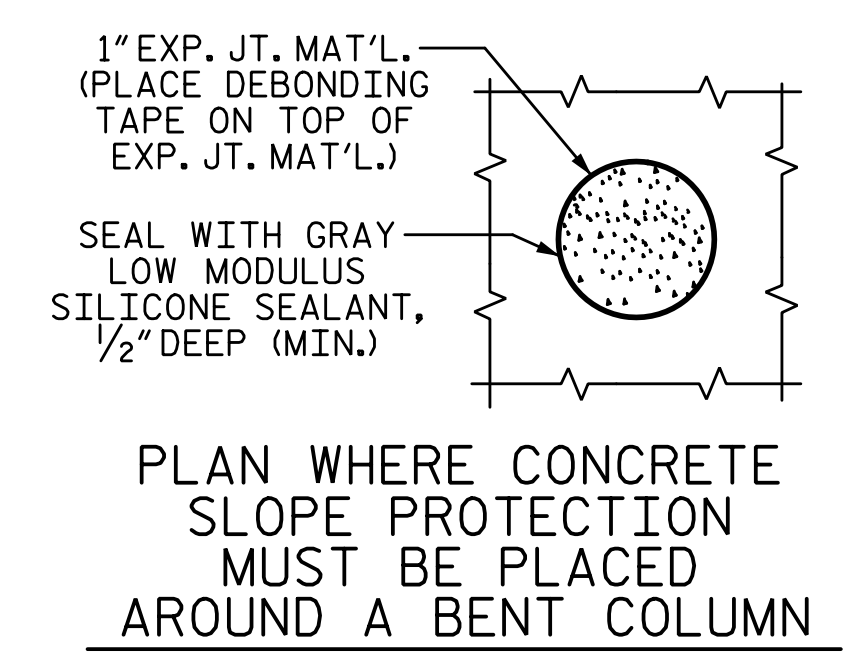


OPTIONAL POURING DETAIL



SECTION A-A

SECTION B-B



GENERAL NOTES:

BERM AND SLOPE PROTECTION MAY BE ADJUSTED SLIGHTLY AS NECESSARY IN ORDER TO MATCH THE EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL PROVIDE AS SMOOTH A TRANSITION AS POSSIBLE BETWEEN THE EXISTING AND PROPOSED SLOPE AS DIRECTED BY THE ENGINEER.

SLOPE PROTECTION SHALL BE PLACED UNDER THE ENDS OF THE BRIDGE. EXISTING SLOPE PROTECTION DAMAGED BY CONSTRUCTION SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE ENGINEER. ANY COST ASSOCIATED WITH REPAIR OR REPLACEMENT OF EXISTING SLOPE PROTECTION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID PER SQUARE YARD FOR SLOPE PROTECTION. MEASUREMENT AND PAYMENT SHALL BE AS PRESCRIBED IN SECTION 462 OF THE STANDARD SPECIFICATIONS.

SLOPE PROTECTION:

THE 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.

1/14/2020 10:06:32 AM G:\Projects\2017\I-5711\Structures\Drawings\Final\401-I5711-SMJ_SP_000177.dgn

PROJECT NO. I-5711
ALAMANCE COUNTY
 STATION: STA. 27+02.26 -L-

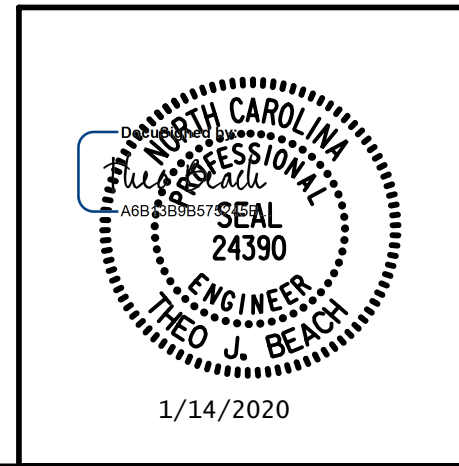
SHEET 3 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**SLOPE PROTECTION
 DETAILS**
 LEFT & RIGHT WIDENING

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-69
1			3			TOTAL SHEETS
2			4			89

PLANS PREPARED BY:
SE & A
 SIMPSON ENGINEERS & ASSOCIATES
 5640 Dillard Drive
 Suite 200
 Cary, NC 27518
 (919) 852-0468
 (919) 852-0538 (Fax)
 www.simpsonengr.com
 LICENSURE NO. C-2521



DRAWN BY: <u>S.D. COOPER</u>	DATE: <u>1-20</u>
CHECKED BY: <u>T. BEACH</u>	DATE: <u>1-20</u>
DESIGN ENGINEER OF RECORD: <u>T. BEACH</u>	DATE: <u>1-20</u>

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**