

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. MEASUREMENT AND PAYMENT SHALL BE AS PRESCRIBED IN SECTION 462 OF THE STANDARD SPECIFICATIONS. FOR BERM WIDTH, SEE GENERAL DRAWING.

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'-O"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.

-W.P.#3 - FILL FACE @ END BENT 2 1'-0" BERM EL. 763.46

BRIDGE @ STA.36+78.38 -RAMP A-	4 INCH SLOPE PROTECTION	* WELDED WIRE FABRIC 60 INCHES WIDE
	SQUARE YARDS	APPROX.L.F.
END BENT 1	371	668
END BENT 2	491	884
TOTAL	862	1552

^{*}QUANTITY SHOWN IS BASED ON 5' POURS.

PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION

PROJECT NO. R-2707D

CLEVELAND COUNTY

STATION: 36+78.38 -RAMP A-

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH

SLOPE PROTECTION AND DETAILS LAYOUT

-WELDED WIRE FABRIC \ 6 X 6 - W1.4 X W1.4 - WELDED WIRE FABRIC 6 X 6 - W1.4 X W1.4 HORIZONTAL SECTION A-A SECTION B-B

Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com **Stantec** License No. F-0672

DRAWN BY: K.A.WOYAHN DATE: 12/20/22 DESIGN ENGINEER OF RECORD: V.E.FRAGA DATE: 05/09/23

TOP OF TOE EL. 739.59

→ B

- 1/2"/FT NORMAL TO CAP

PERMITTED—/ CONST.JT.

EXTEND WELDED WIRE FABRIC BEYOND TOE WALL

SECTION ALONG & SURVEY WHEN FILL CATCHES IN DITCH

1"EXP. JT. MAT'L. (PLACE DEBONDING — TAPE ON TOP OF EXP.

JT. MAT'L.)

W.P. #1─

FILL FACE @ END BENT 1

SLOPE 2:1

 $A \blacktriangleleft$

-KEEP FREE OF CONCRETE AND SEAL WITH JOINT SEALER OR GRAY LOW MODULUS SILICONE SEALANT

WELDED WIRE FABRIC 6 X 6 - W1.4 X W1.4

Ĺ DITCH AND ∣ P.I.OF 6' V.C.

-SEE ROADWAY

PLANS FOR SLOPE PROTECTION PAVING IN THIS AREA

-SLOPE 2:1 NORMAL TO ROADWAY

STA. 824+92.49 -L-

Victor E. Fraga DOCUMENT NOT CONSIDERED

SEAL

47083

SHEET NO. REVISIONS S4-40 DATE: DATE: BY: BY: TOTAL SHEETS FINAL UNLESS ALL SIGNATURES COMPLETED 43

2'-0"LONG #4 BARS — SPA. @ 1'-6"CTS. MAX. 5′-0″ \ ╵┙╺╞╾╸╾*═*┼╸╸╸╻╞╾ -CONST.JT.TO BE NORMAL TO -CONST.JT.TO BE NORMAL TO END BENT CAP OR HORIZONTAL END BENT CAP OR HORIZONTAL STRIP WIDTHS MAY VARY IN CURVED

<u>SPAN B</u>

10'-6" BERM

TOP OF TOE —

STA. 824+40.48 -L-

-POC STA. 36+78.38 -RAMP A-POT STA. 823+96.61 -L-

TOP OF TOE —

STA. 823+51.66 -L-

EL. 741.16

EL. 740.22

~W.P.#2

<u></u> — [L −L−

PLAN

/— Û -RAMP A-

TOP OF TOE

EL. 740.72 STA. 823+95.65 -L-

<u>SPAN A</u>

EL 757.82

B **4**√

B◀

POURING DETAIL OPTIONAL POURING DETAIL