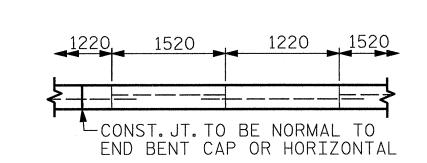
- ELEV. 78.332 STA. 18+54.412-Y11-REV -ELEV. 78.875 STA. 18+67.189-Y11-REV © SURVEY -L- LT -ELEV. 79.596 STA. 18+84.162-Y11-REV - ELEV. 79.050 STA. 18+71.312-Y11-REV € SURVEY -Y11- REV.

SLOPE PROTECTION: STATIONS AND ELEVATIONS

-50mm/m NORMAL TO CAP KEEP FREE OF CONCRETE AND SEAL WITH JOINT SEALER OR GRAY LOW MODULUS SILICONE SEALANT SLOPE 2:1 (MAX.) NORMAL TO ROADWAY 457 CONC. BARRIER RAIL, SEE ROADWAY PLANS 25mm EXP.JT.MAT'L. (PLACE DEBONDING TAPE ON TOP OF EXP. JT. MAT'L.) WELDED WIRE FABRIC -152 X 152 MW9.1 X MW9.1 PAVED SHOULDER SEE ROADWAY PLANS PERMITTED > 25mm EXP.JT. MATERIAL CONST. JT.

SECTION ALONG © ROADWAY WITH SHOULDER PIER

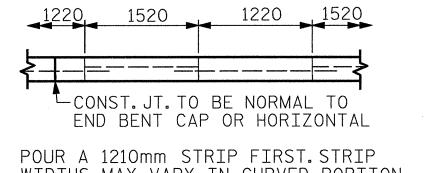


END BENT CAP OR HORIZONTAL STRIP WIDTHS MAY VARY IN CURVED

POURING DETAIL

-CONST. JT. TO BE NORMAL TO

-600mm LONG #13 DOWELS SPA. @ 450 CTS.MAX.



OPTIONAL POURING DETAIL

GENERAL NOTES

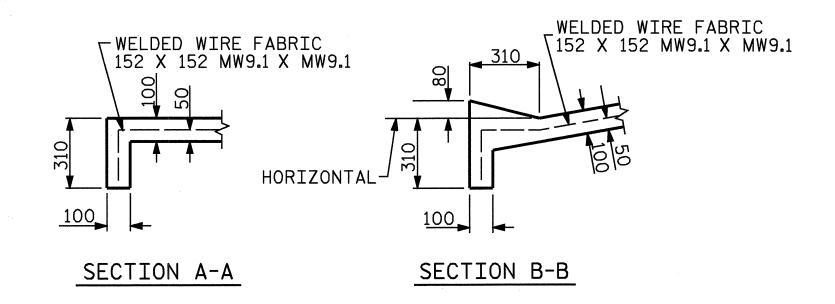
SLOPE PROTECTION SHALL BE PLACED UNDER THE ENDS OF THE BRIDGE AS SHOWN IN THE DETAILS. THE CONTRACTOR, AT HIS OPTION, MAY USE ALTERNATE "B" ONLY FOR HIGHWAY OVER HIGHWAY GRADE SEPARATIONS WITH 2:1 END BENT SLOPE IN RURAL, UNPOPULATED AREAS. STRAIGHT EDGING WILL NOT BE REQUIRED UNLESS, IN THE OPINION OF THE ENGINEER, VISUAL INSPECTION INDICATES A NEED FOR IT. METHOD OF MEASUREMENT AND BASIS OF 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 100mm 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 152 X 152 - W9.1 X W9.1, 1520mm WIDE. SLOPE PROTECTION SHALL BE POURED IN 1520mm STRIPS AS SHOWN IN THE "POURING DETAIL" WITH 600mm LONG #13 BARS PLACED ALONG THE SLOPE BETWEEN STRIPS AT 450mm MAXIMUM SPACING. SLOPE PROTECTION MAY BE POURED IN ALTERNATE 1220mm AND 1520mm STRIPS AS SHOWN IN THE "OPTIONAL POURING DETAIL" WITH ADJACENT RUNS OF WELDED WIRE FABRIC LAPPING AT LEAST 152mm. THE COST OF THE WELDED WIRE FABRIC AND #13 BARS, IF USED, SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID PER SQUARE METER FOR SLOPE PROTECTION.

BRIDGE @ STA. 97+59.319	100mm SLOPE PROTECTION	* WELDED WIRE FABRIC 1520mm WIDE	
	SQUARE METERS	APPROX. METERS	
END BENT 1	231	163	
END BENT 2	230	164	

*QUANTITY SHOWN IS BASED ON 1520mm POURS.

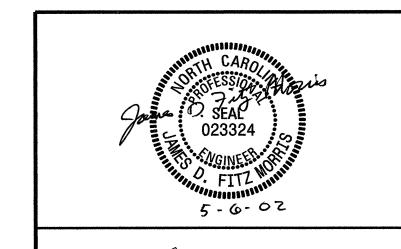


R-2552B PROJECT NO.

> **JOHNSTON** COUNTY

STATION: 97+59.319-L-LT POC





CONSOER TOWNSEND ENVIRODYNE ENGINEERS, INC.

13325 SOUTH POINT BOULEVARD, SUITE 400
CHARLOTTE, NORTH CAROLINA 28273-5820
(704) 583-0902

ENGINEERS

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH

STANDARD

SLOPE PROTECTION DETAILS

REVISIONS					SHEET NO.
BY:	DATE:	NO.	BY:	DATE:	5-108
		3			TOTAL SHEETS
		4			431

DATE: 05/01/02 ASSEMBLED BY : MSB CHECKED BY: JDF DATE: 05/01/02 RH/RDR RWW/LES LES/RDR DRAWN BY: ELR 5/92 CHECKED BY : GRP 6/92

OUTSIDE EDGE OF-

SUPERSTRUCTURE

€ SURVEY -L-LT-

OUTSIDE EDGE OF-SUPERSTRUCTURE

PLAN

END BENT 1 SHOWN, END BENT 2 SIMILAR

AN WHERE CONCRETE PROTECTION MUST PLACED AROUND A BENT COLUMN

-25mm EXP.JT.MAT'L.(PLACE DEBONDING TAPE ON TOP OF EXP.JT.MAT'L.)

MODULUS SILICONE SEALANT, 13mm DEEP (MIN.)

-SEAL WITH GRAY LOW

TOE OF FILL

WIDTHS MAY VARY IN CURVED PORTION.

STD. NO. SP1SM