

GENERAL NOTES

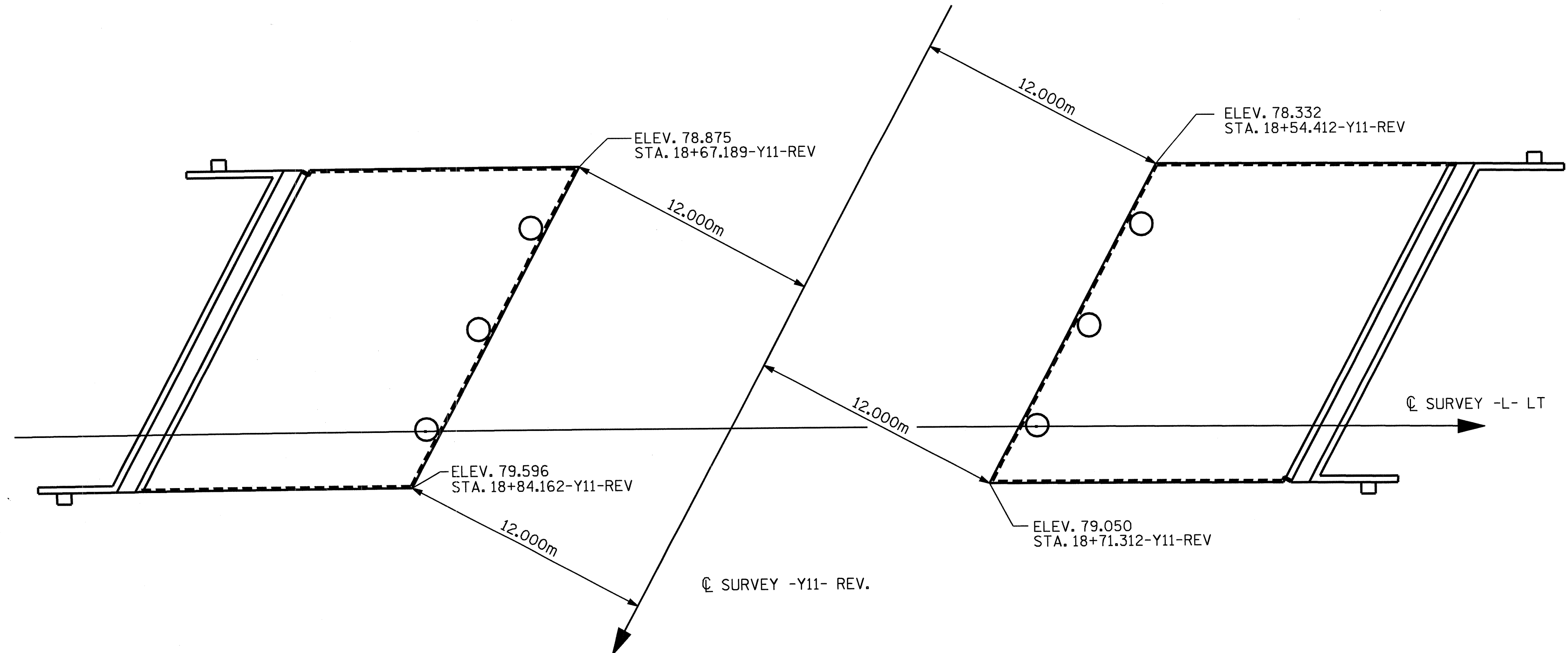
SLOPE PROTECTION SHALL BE PLACED UNDER THE ENDS OF THE BRIDGE AS SHOWN IN THE DETAILS. THE CONTRACTOR, AT HIS OPTION, MAY USE ALTERNATE "B" ONLY FOR HIGHWAY OVER HIGHWAY GRADE SEPARATIONS WITH 2:1 END BENT SLOPE IN RURAL, UNPOPULATED AREAS. STRAIGHT EDGING WILL NOT BE REQUIRED UNLESS, IN THE OPINION 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"

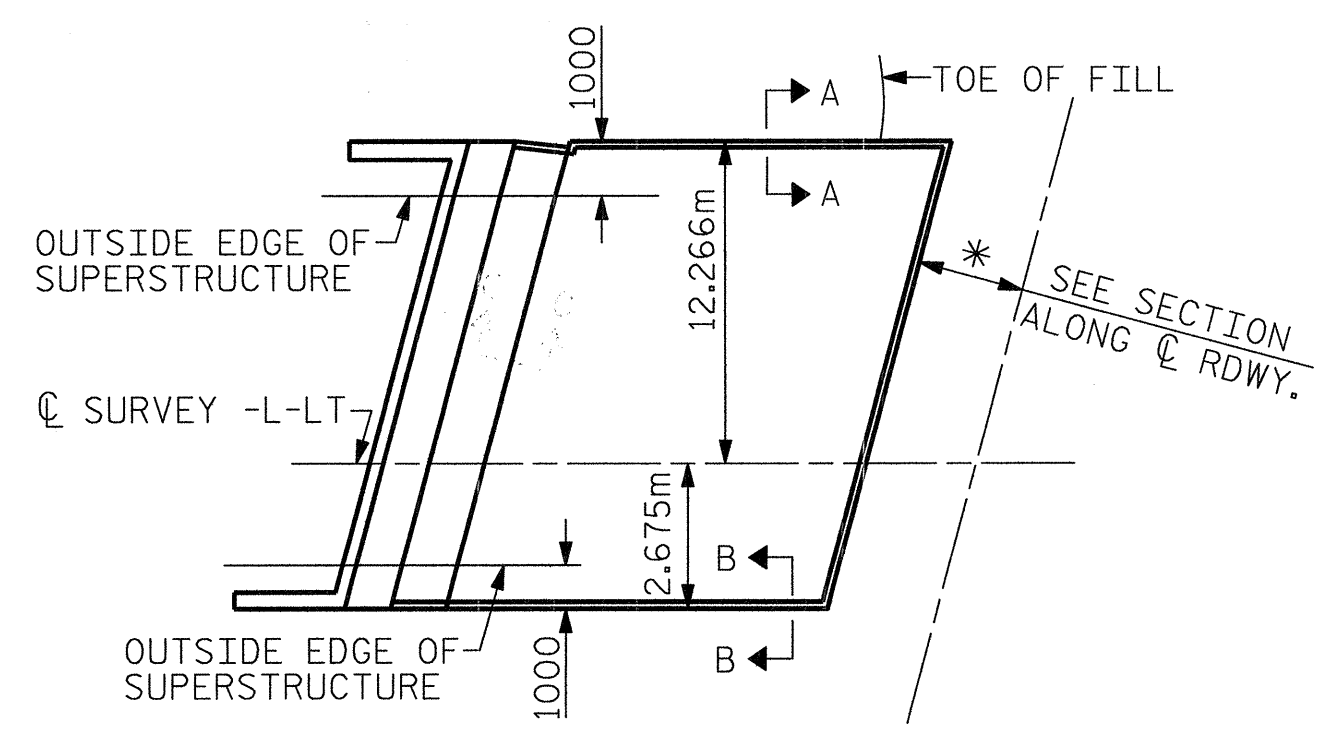
ALTERNATE "A" SHALL CONSIST OF 100mm POURED-IN-PLACE CONCRETE PAVING AS SHOWN IN THE DETAILS ON THIS SHEET. CONCRETE SHALL BE CLASS "B". THE CONCRETE SURFACE SHALL BE FLOATED WITH A WOODEN FLOAT AND FINISHED. WELDED WIRE FABRIC REINFORCING SHALL BE 152 X 152 - W9.1 X W9.1, 1520mm WIDE. SLOPE PROTECTION 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.

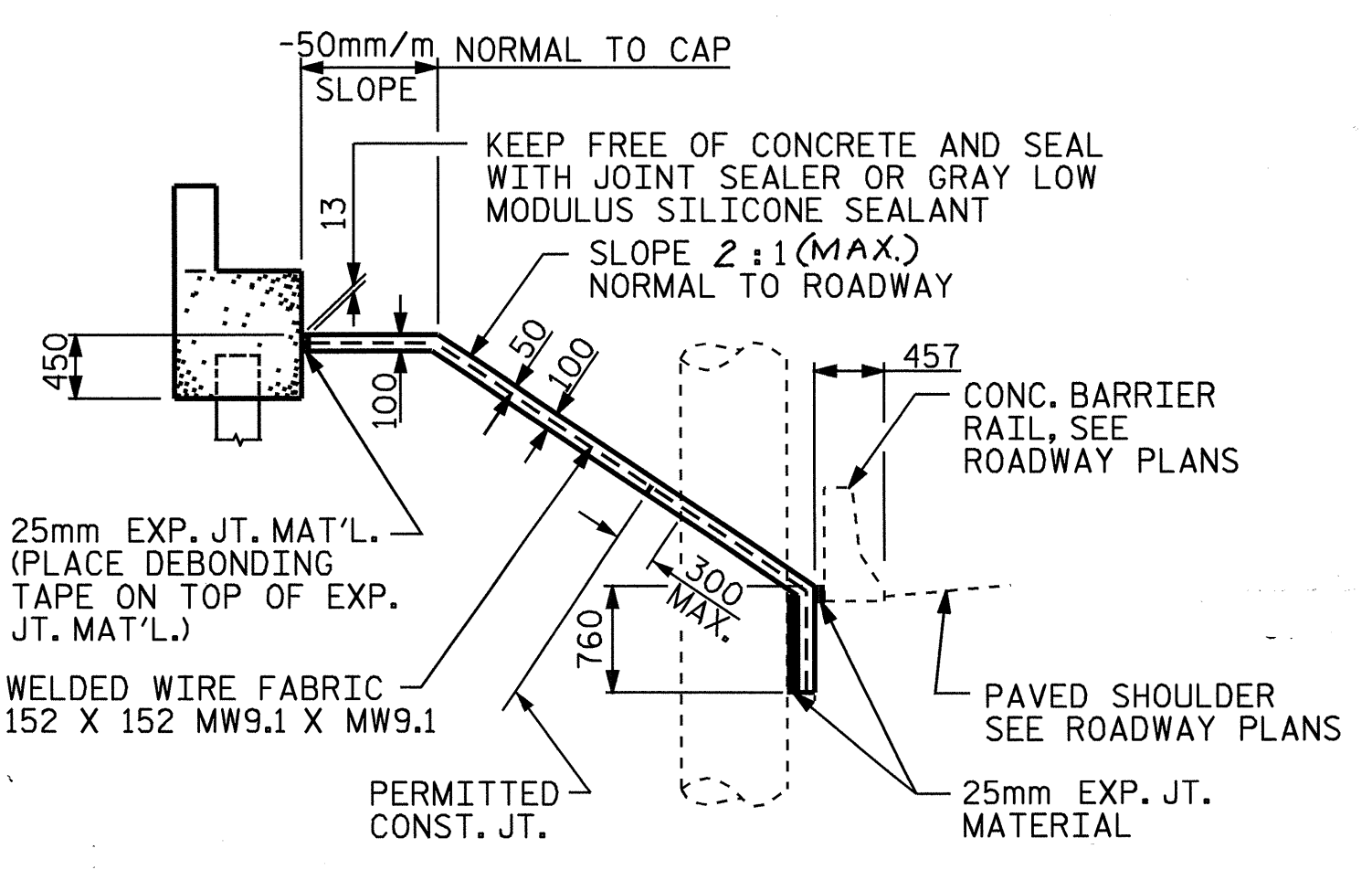


SLOPE PROTECTION: STATIONS AND ELEVATIONS

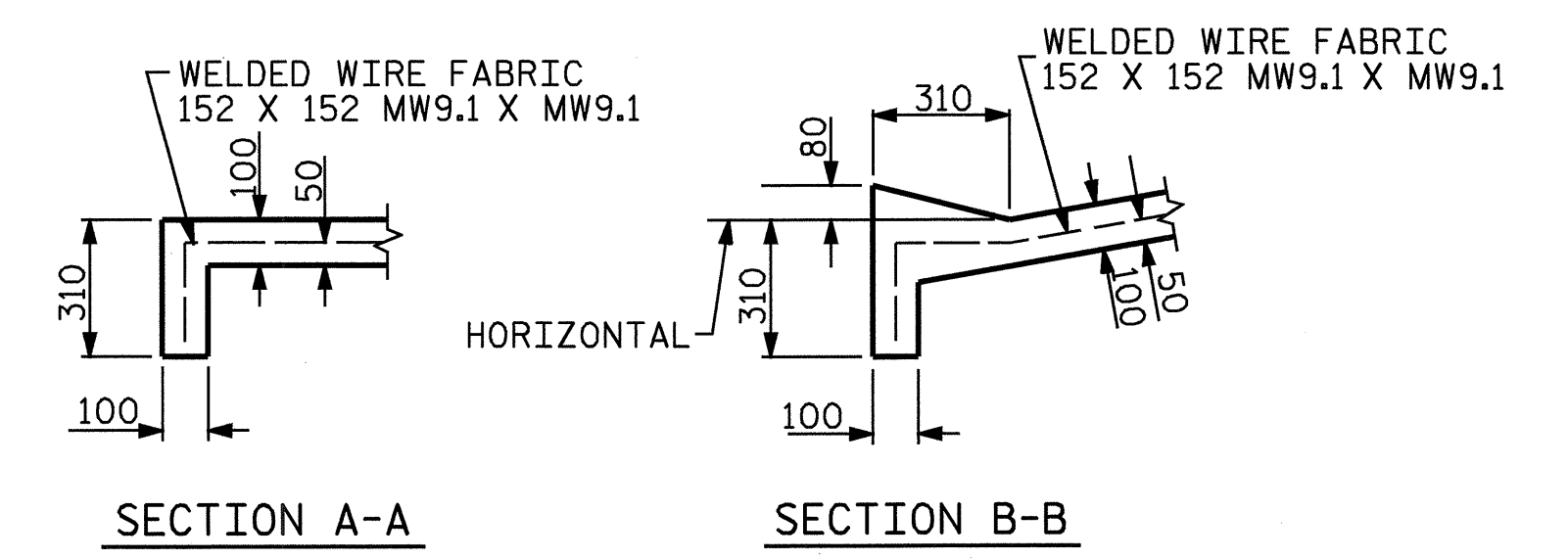


PLAN

END BENT 1 SHOWN, END BENT 2 SIMILAR

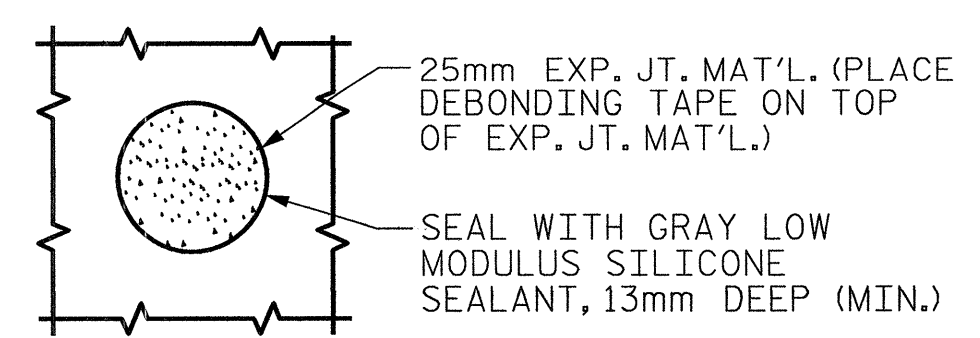


SECTION ALONG ROADWAY WITH SHOULDER PIER

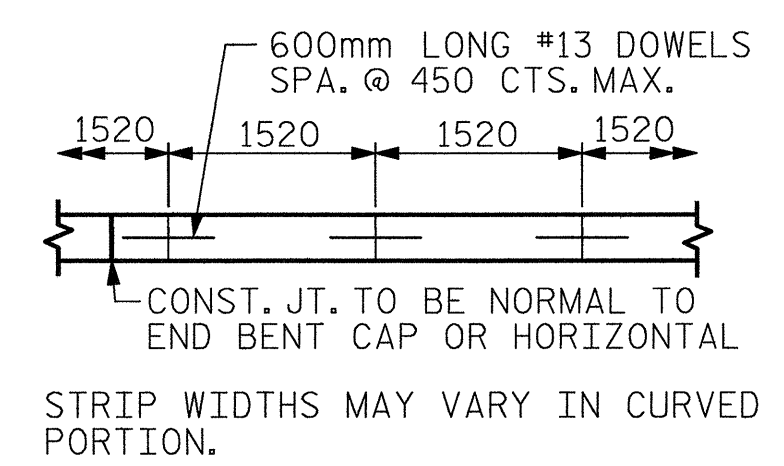


SECTION A-A

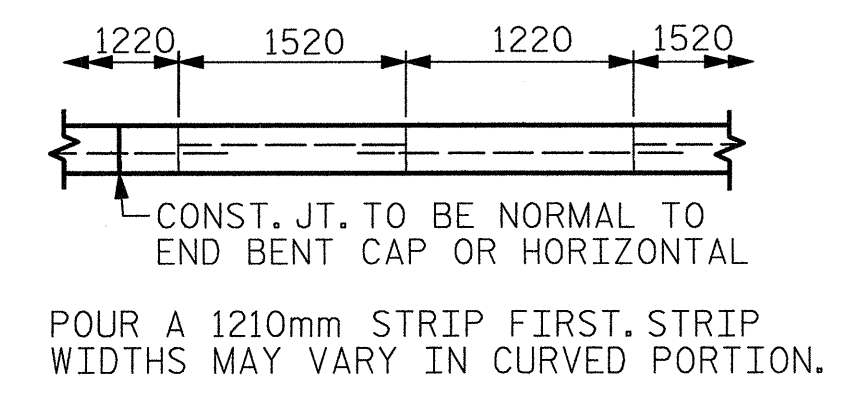
SECTION B-B



PLAN WHERE CONCRETE SLOPE PROTECTION MUST BE PLACED AROUND A BENT COLUMN

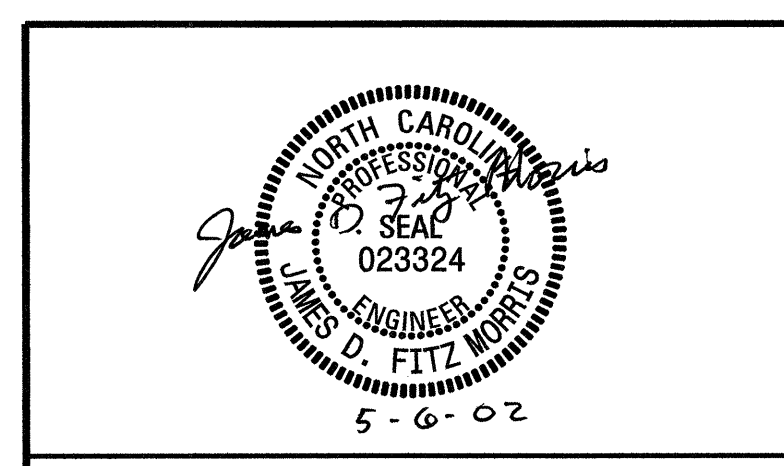


POURING DETAIL



OPTIONAL POURING DETAIL

PROJECT NO. **R-2552B**
JOHNSTON COUNTY
 STATION: **97+59.319-L-LT POC**



CTE ENGINEERS
 CONSOER TOWNSEND ENVIRONMENTAL ENGINEERS, INC.
 13325 SOUTH POINT BOULEVARD, SUITE 400
 CHARLOTTE, NORTH CAROLINA 28273-5820
 (704) 583-0902

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH						SHEET NO.
STANDARD						TOTAL SHEETS
SLOPE PROTECTION DETAILS						
REVISIONS						5-108 431
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

ASSEMBLED BY : MSB	DATE : 05/01/02
CHECKED BY : JDF	DATE : 05/01/02
DRAWN BY : ELR 5/92	REV. 8/16/99 RH/RDR
CHECKED BY : GRP 6/92	REV. 10/17/00 RWW/LES
	REV. 7/10/01 LES/RDR