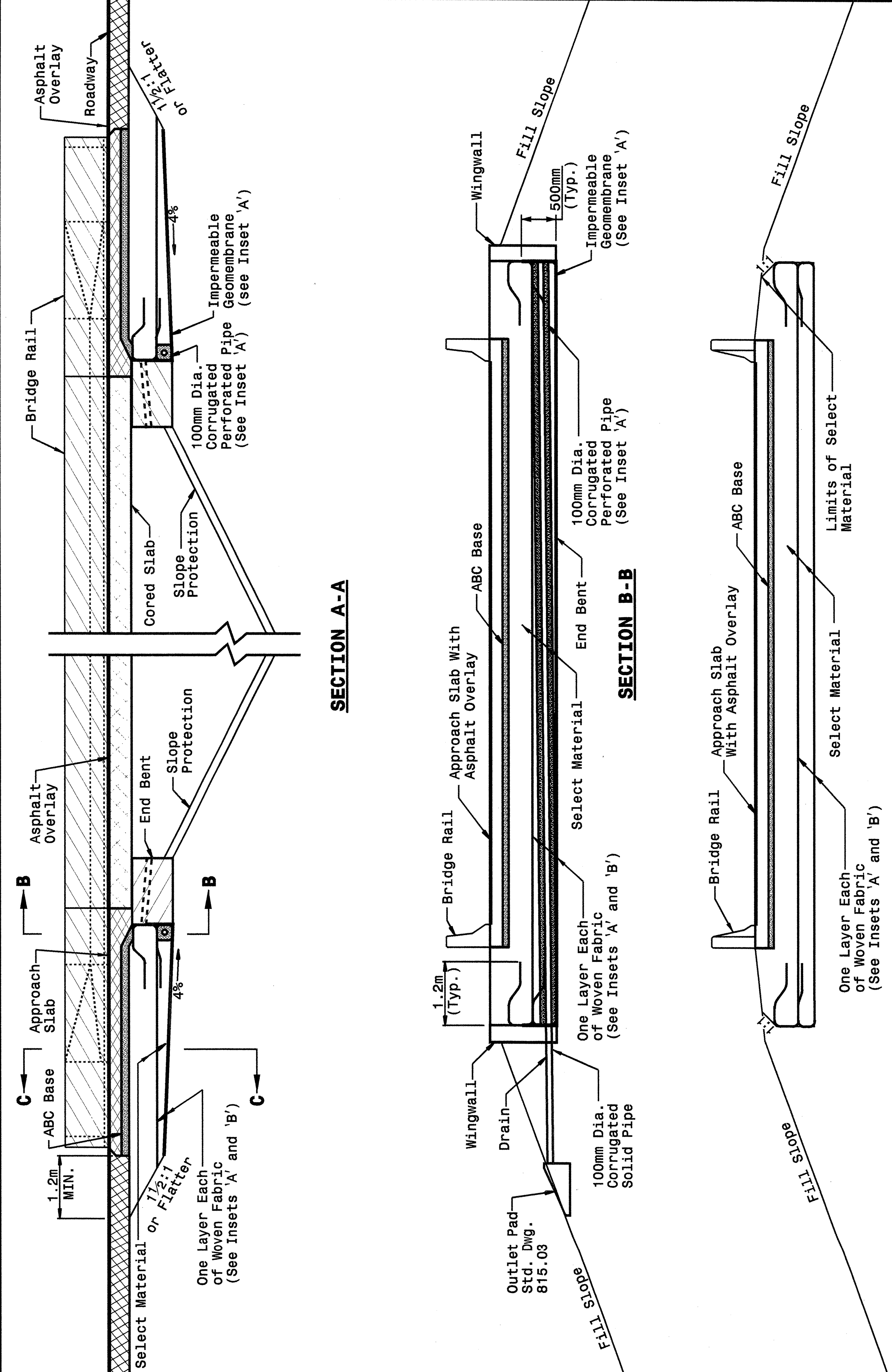
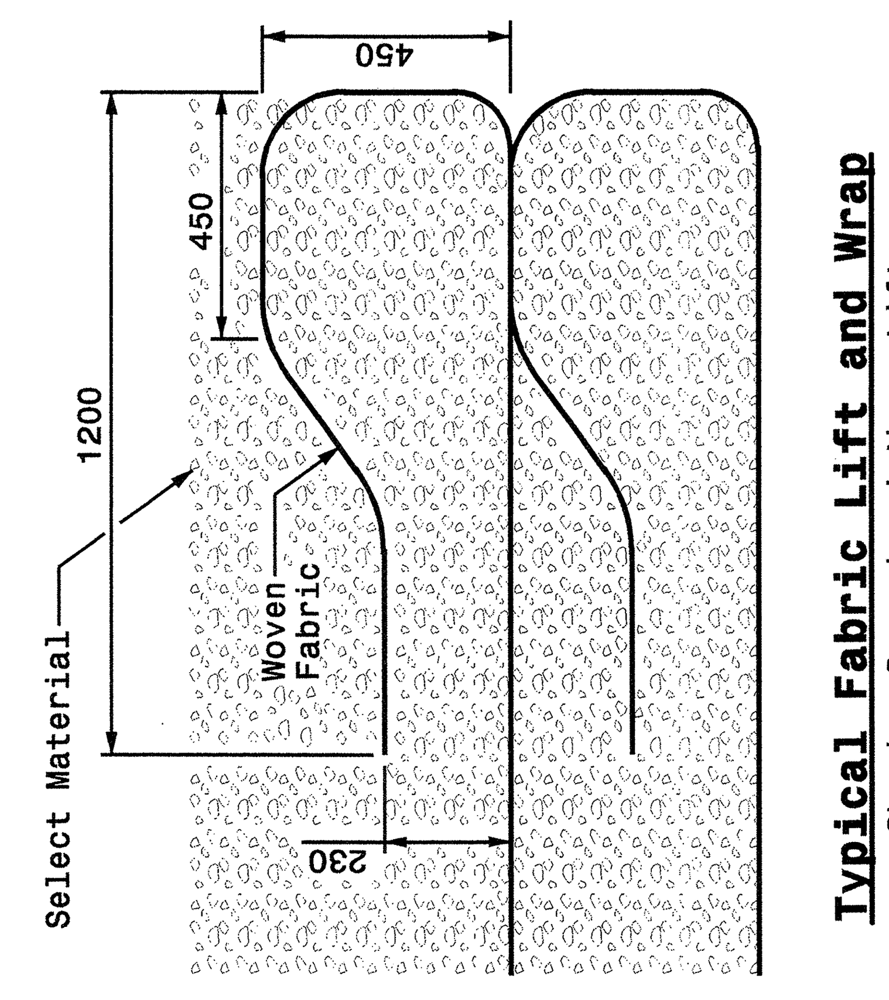
PROJECT REFERENCE NO.	SHEET NO.
R-2610B	2-T

METRIC



Note:
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

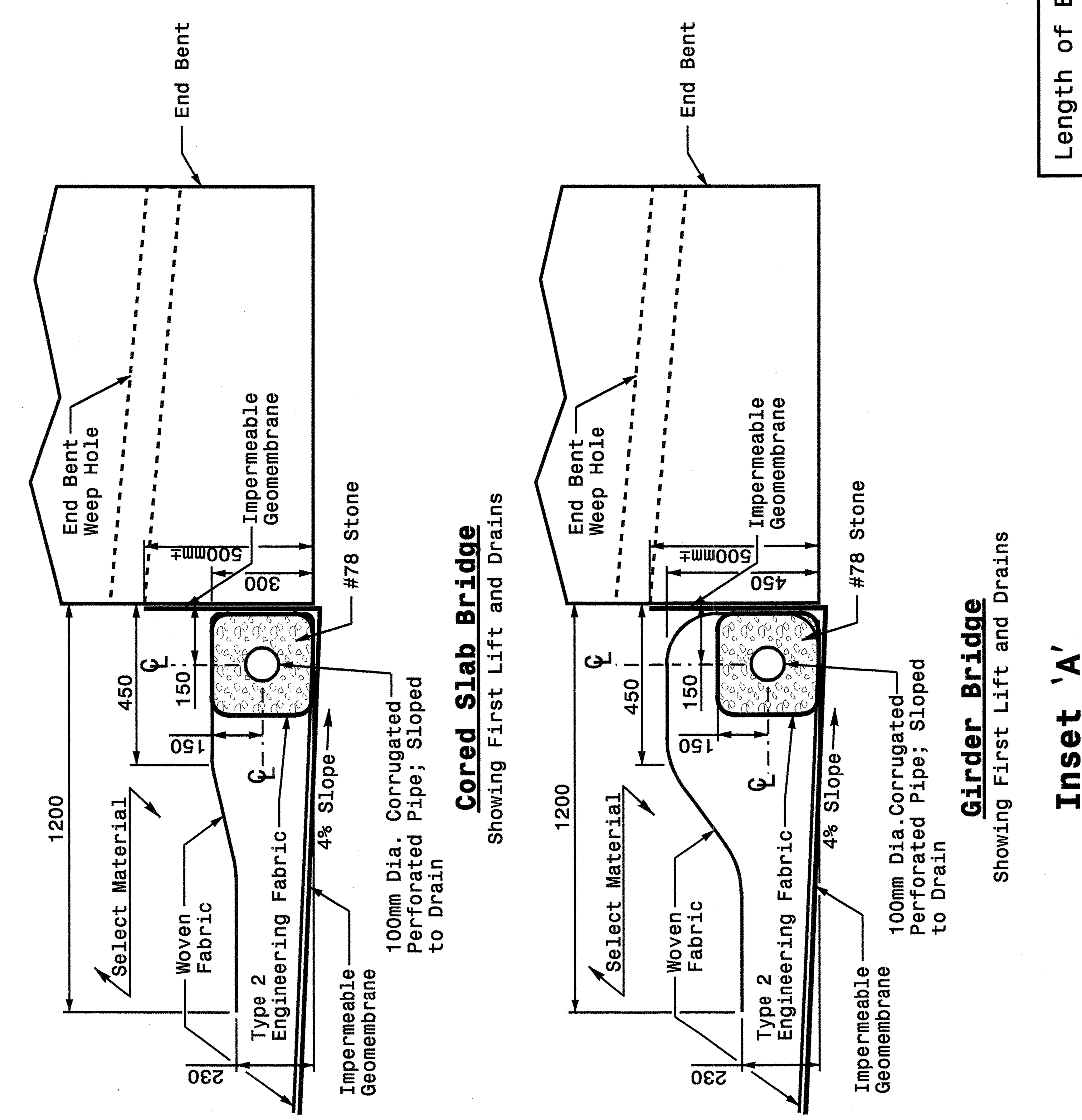
STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.	METRIC DETAIL DRAWING FOR **REINFORCED BRIDGE APPROACH FILLS** CORED SLAB BRIDGES	SHEET 3 OF 4 **422D10**



Height of Backwall	Number of Fabric Layers
1400-1750	3
1760-2200	4
2210-2650	5
2660-3100	6
3110-3550	7

Note: Cored Slab Structures Require 2 Fabric Layers.

Length of Bridge End Bent Inside Wingwalls
If Bridge Skew is Less Than or Equal to 90°: $\frac{\text{(Roadway Width + 2140mm)}}{\text{Sin (Bridge Skew Angle)}}$ = Dis. Between Wingwalls
If Bridge Skew is Greater Than 90°: $\frac{\text{(Roadway Width + 2140mm)}}{\text{Cos (Bridge Skew Angle - 90°)}}$ = Dis. Between Wingwalls



Note:
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.	METRIC DETAIL DRAWING FOR **REINFORCED BRIDGE APPROACH FILLS** INSETS AND CHARTS	SHEET 4 OF 4 **422D10**

NORTH CAROLINA PROFESSIONAL SEAL 022966 ENGINEER JOEL S. HOWERTON
6/24/04

DESIGN SERVICES UNIT
STANDARDS AND SPECIAL DESIGN
Office 919-250-4128 FAX 919-250-4119

SEE PLATE FOR TITLE

ORIGINAL BY: 2002 STANDARDS DATE: 01-15-02
MODIFIED BY: E.E. WARD DATE: 04-07-04
CHECKED BY: C.B. Perry DATE: 4-12-04
FILE SPEC.: stds/02stdstdetails/metric/422d10.dgn

08-APR-2004 09:27
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