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STATE OF
 NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

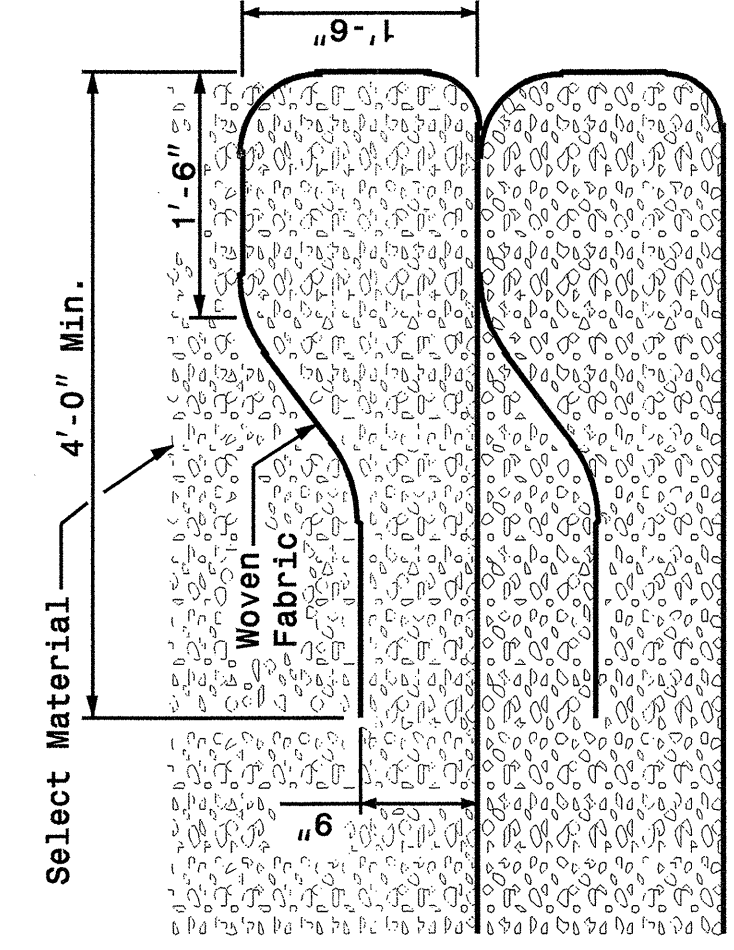
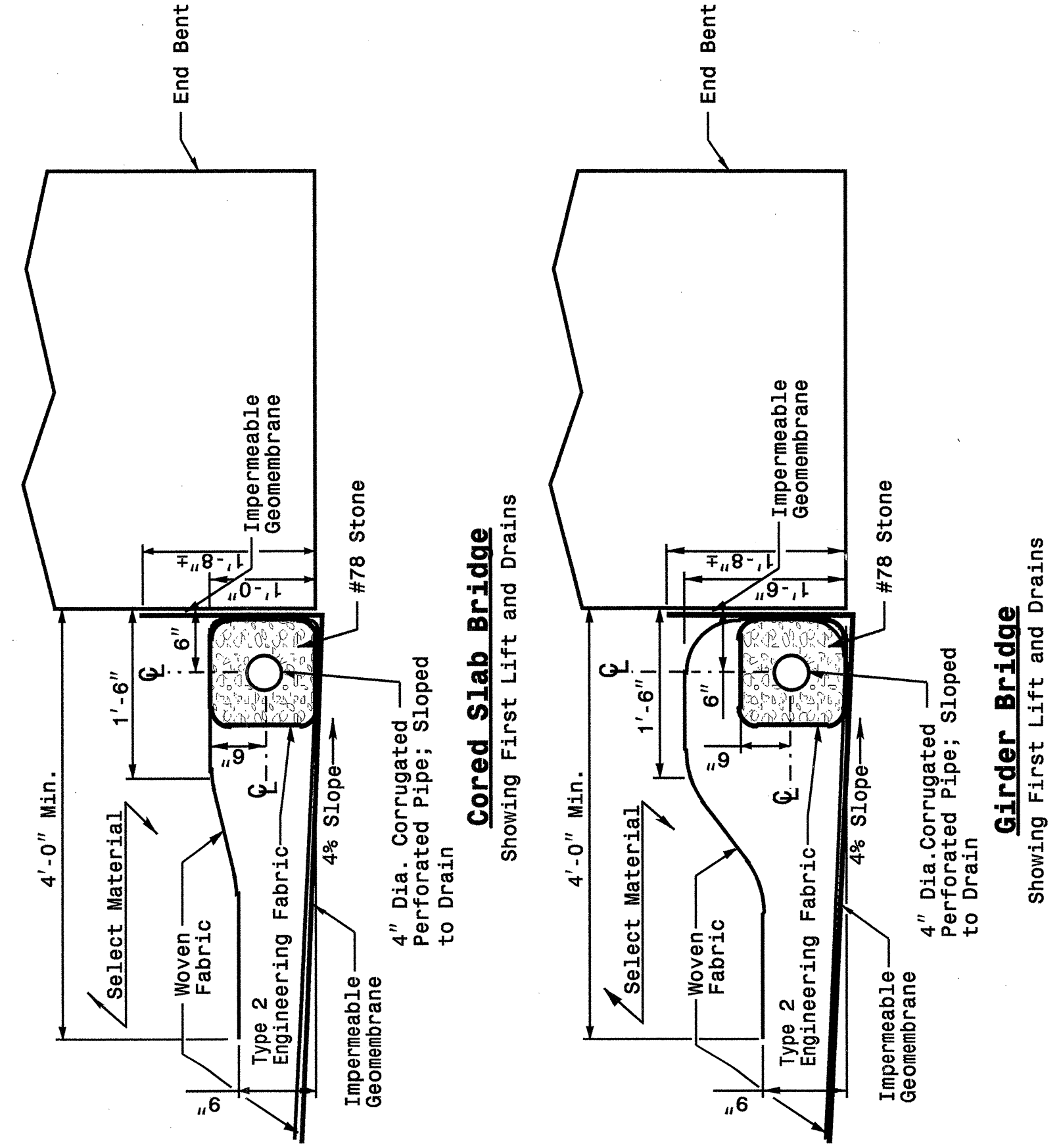
ENGLISH DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
 INSETS AND CHARTS

SHEET 7 OF 7
422D10

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ENGLISH DETAIL DRAWING FOR
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 INSETS AND CHARTS

SHEET 7 OF 7
422D10



Inset 'B'

Height of Backwall	Number of Fabric Layers
4'-6" - 5'-9"	3
5'-10" - 7'-2"	4
7'-3" - 8'-8"	5
8'-9" - 10'-1"	6
10'-2" - 11'-8"	7

Note: Cored Slab Structures Require 2 Fabric Layers.

Inset 'A'

Length of Bridge End Bent Inside Wingwalls
 If Bridge Skew is Less Than or Equal to 90°:
 (Roadway Width + 7'-0") = Dis. Between Wingwalls
 Sin (Bridge Skew Angle)

If Bridge Skew is Greater Than 90°:
 (Roadway Width + 7'-0") = Dis. Between Wingwalls
 Cos (Bridge Skew Angle - 90°)



**PROJECT 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: 09-12-05
 CHECKED BY: *[Signature]* DATE: 9/20/05
 FILE SPEC.: s:\02stds\02stds\enr\42210.dgn