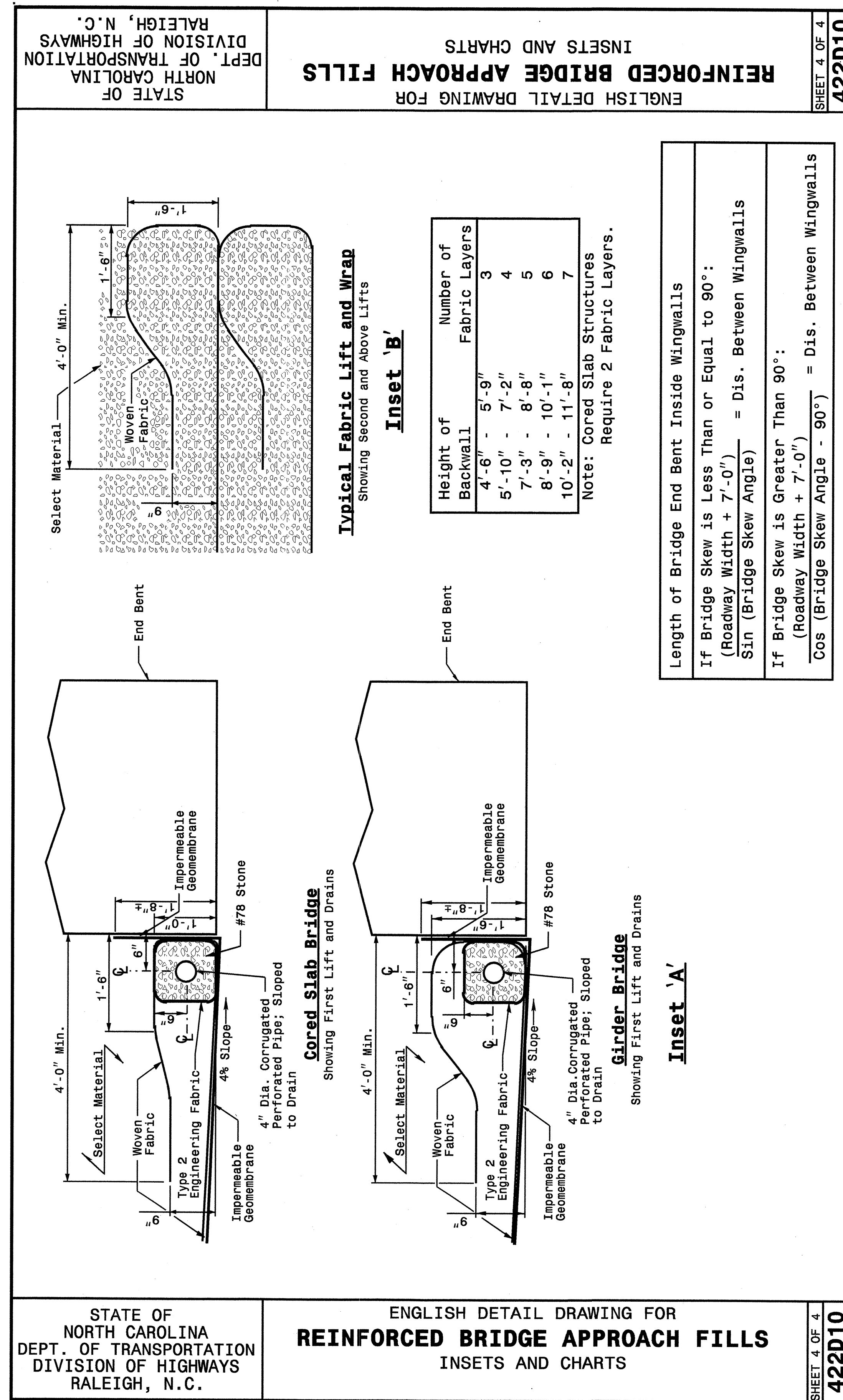


STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
CORED SLAB BRIDGES

SHEET 3 OF 4
422D10



STATE OF NORTH CAROLINA
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ENGLISH DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
INSETS AND CHARTS

SHEET 4 OF 4
422D10

Typical Fabric Lift and Wrap
Showing Second and Above Lifts

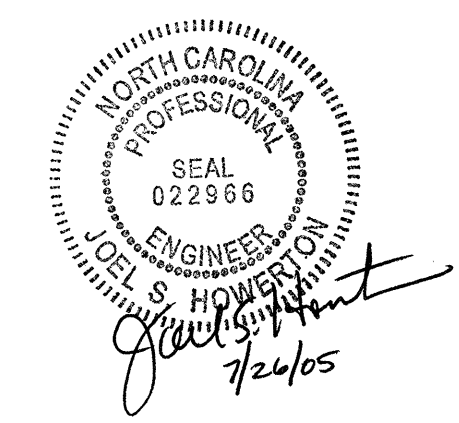
| Height of Backwall | Number of Fabric Layers |
|--------------------|-------------------------|
| 4'-6" - 5'-9" | 3 |
| 5'-10" - 7'-2" | 4 |
| 7'-3" - 8'-8" | 5 |
| 8'-9" - 10'-1" | 6 |
| 10'-2" - 11'-8" | 7 |

Note: Cored Slab Structures Require 2 Fabric Layers.

Inset 'A'
Showing First Lift and Drains

Inset 'B'
Showing First Lift and Drains

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



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: 11-04-04
CHECKED BY: J.S. Howard DATE: 11-12-04
FILE SPEC.: sds/02stdstodetails/english/422d10.dgn