

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

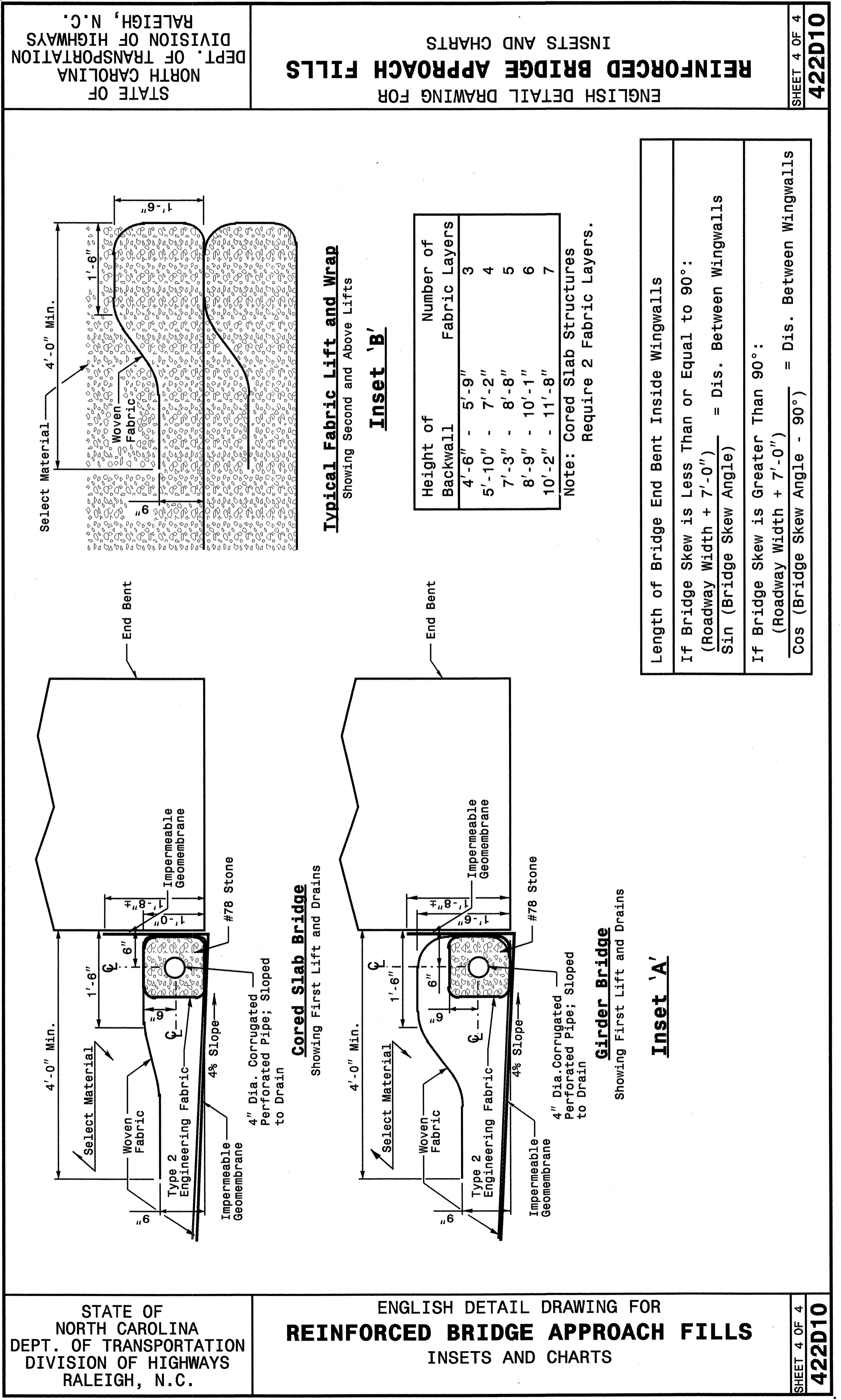
ENGLISH DETAIL DRAWING FOR  
**REINFORCED BRIDGE APPROACH FILLS**  
CORED SLAB BRIDGES

SHEET 3 OF 4  
**422D10**

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ENGLISH DETAIL DRAWING FOR  
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INSETS AND CHARTS

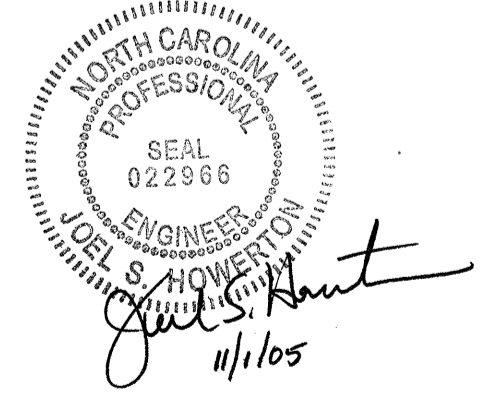
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ENGLISH DETAIL DRAWING FOR  
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INSETS AND CHARTS

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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: *Joe S. Howerton* DATE: 11-12-04  
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