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

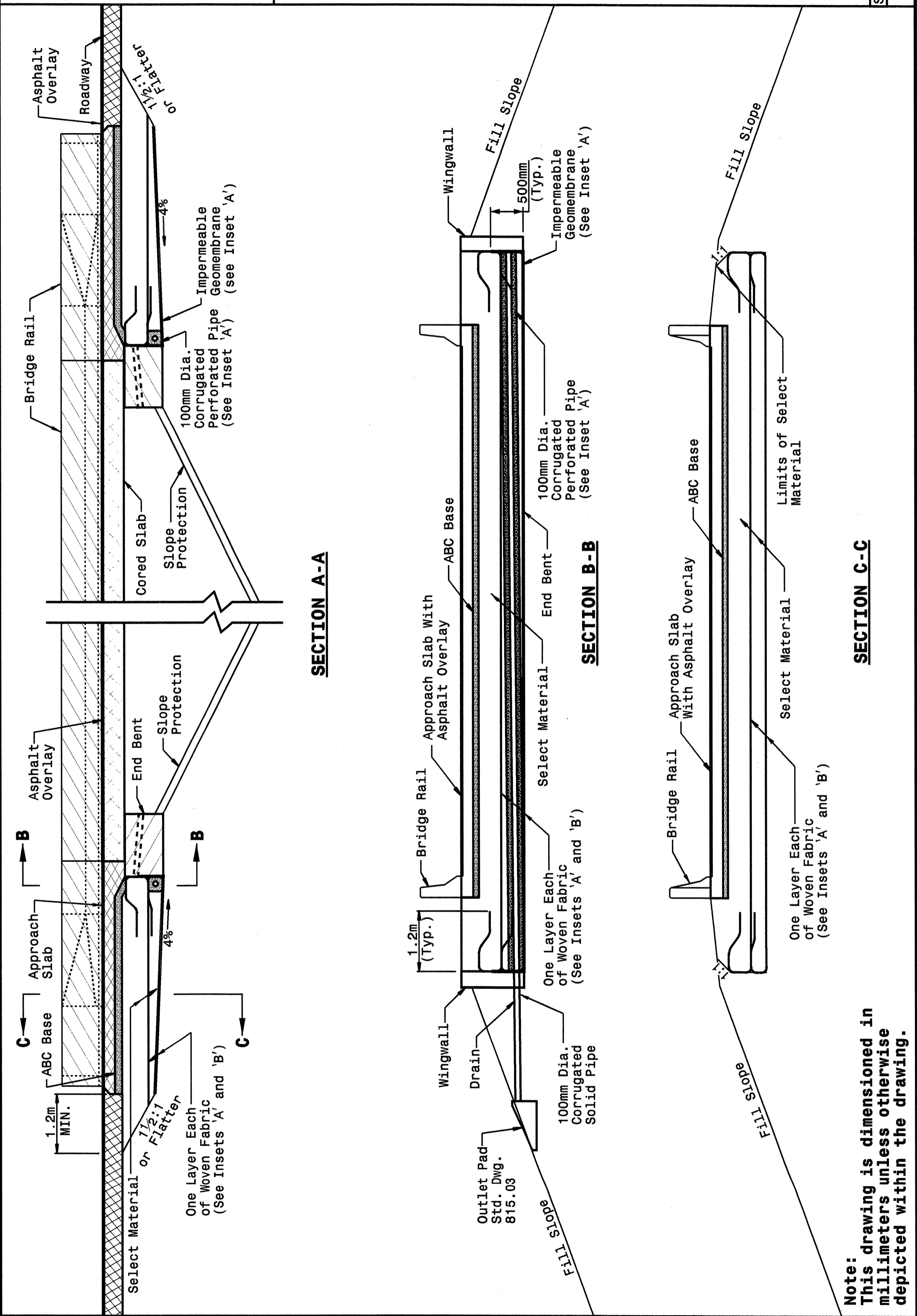
METRIC DETAIL DRAWING FOR  
**REINFORCED BRIDGE APPROACH FILLS**  
 CORED SLAB BRIDGES

SHEET 3 OF 4  
**422D10**

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 CORED SLAB BRIDGES

SHEET 3 OF 4  
**422D10**



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

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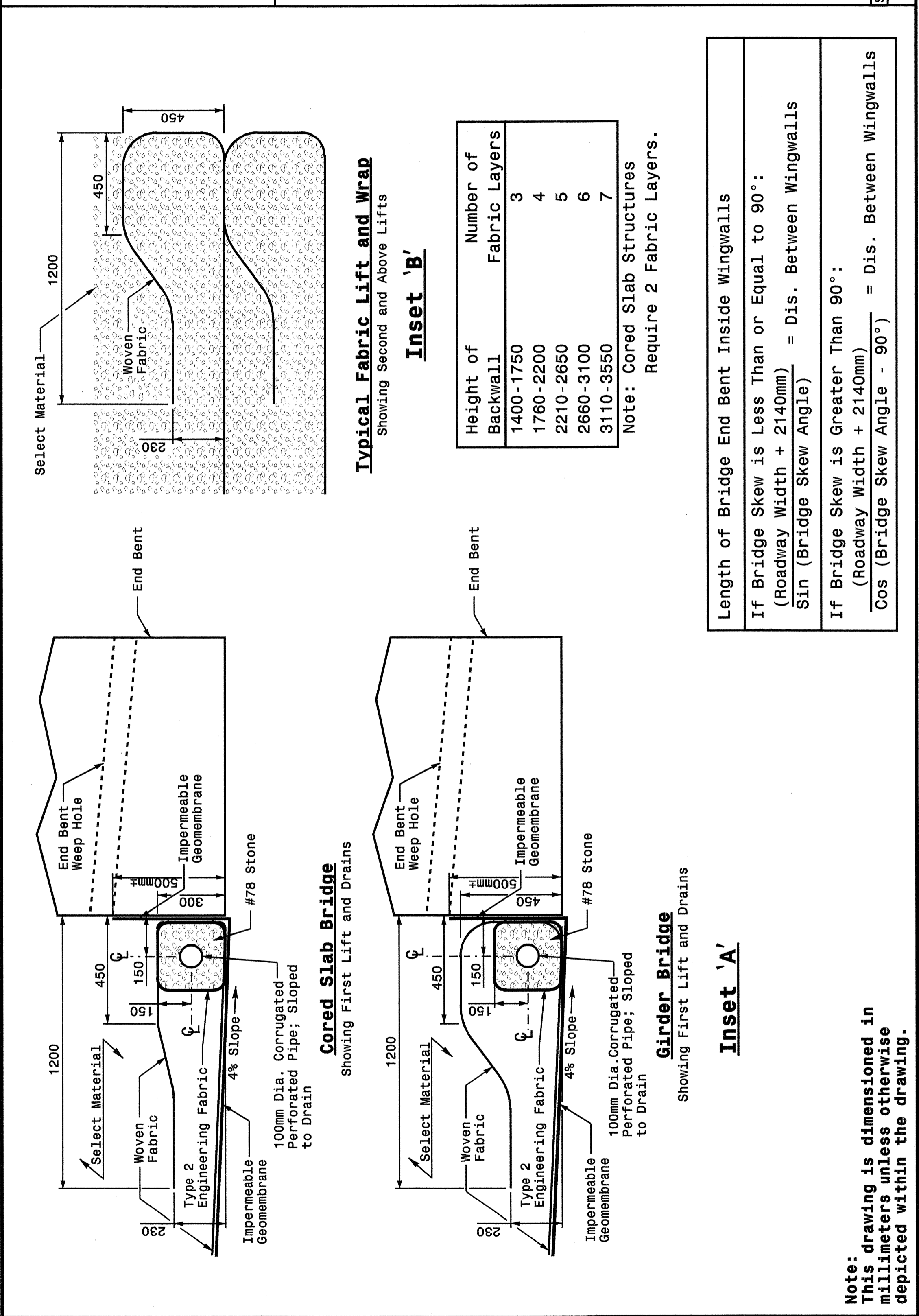
METRIC DETAIL DRAWING FOR  
**REINFORCED BRIDGE APPROACH FILLS**  
 INSETS AND CHARTS

SHEET 4 OF 4  
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METRIC DETAIL DRAWING FOR  
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SHEET 4 OF 4  
**422D10**



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**Typical Fabric Lift and Wrap**  
 Showing Second and Above Lifts

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°:  
 (Roadway Width + 2140mm) Sin (Bridge Skew Angle) = Dis. Between Wingwalls

If Bridge Skew is Greater Than 90°:  
 (Roadway Width + 2140mm) Cos (Bridge Skew Angle - 90°) = Dis. Between Wingwalls

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. VANCE DATE: 4-12-04  
 FILE SPEC.: stds/02stdstdetails/metric/422d10.dgn

