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

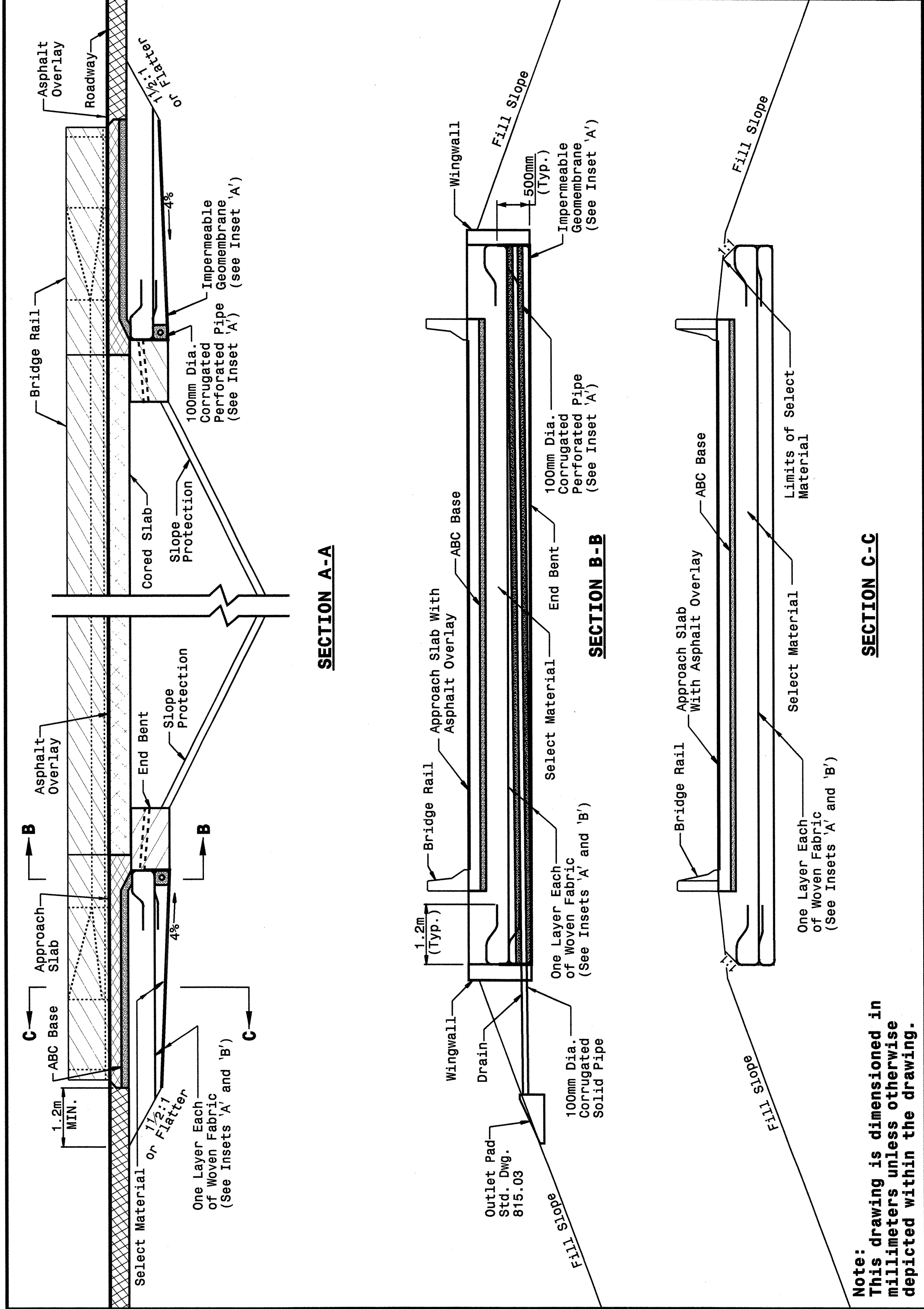
METRIC DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
 CORED SLAB BRIDGES

SHEET 3 OF 4
422D10

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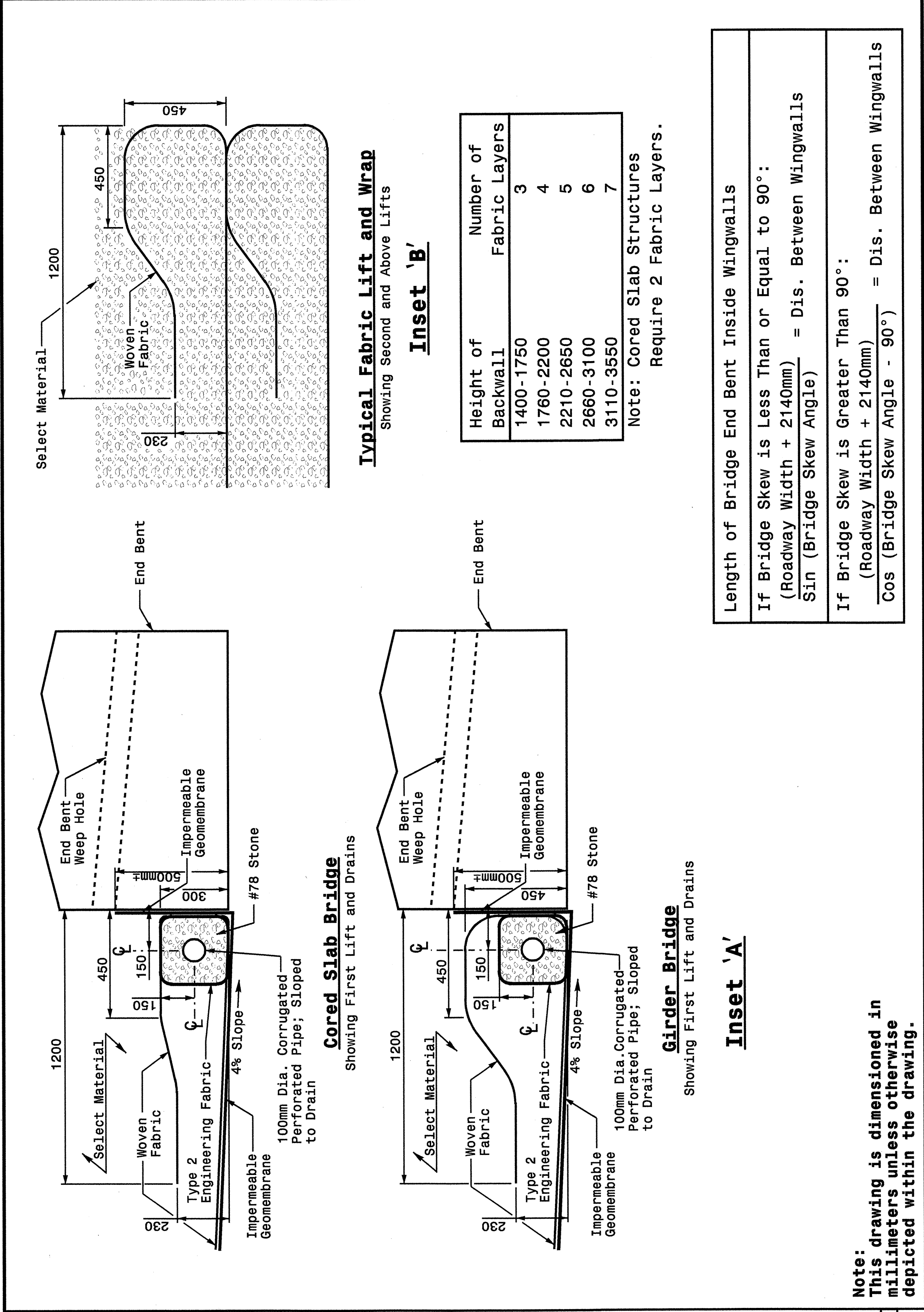
METRIC DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
 INSETS AND CHARTS

SHEET 4 OF 4
422D10

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METRIC DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
 INSETS AND CHARTS

SHEET 4 OF 4
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Typical Fabric Lift and Wrap
 Showing Second and Above Lifts

Inset 'B'

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

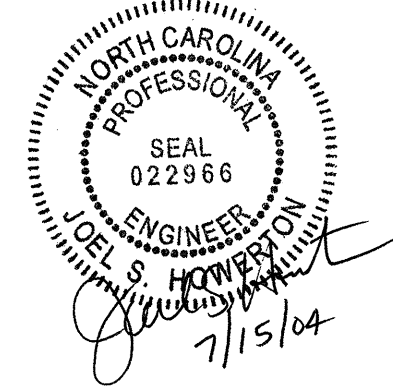
Note: Cored Slab Structures
 Require 2 Fabric Layers.

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

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DESIGN SERVICES UNIT
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SEE PLATE FOR TITLE

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