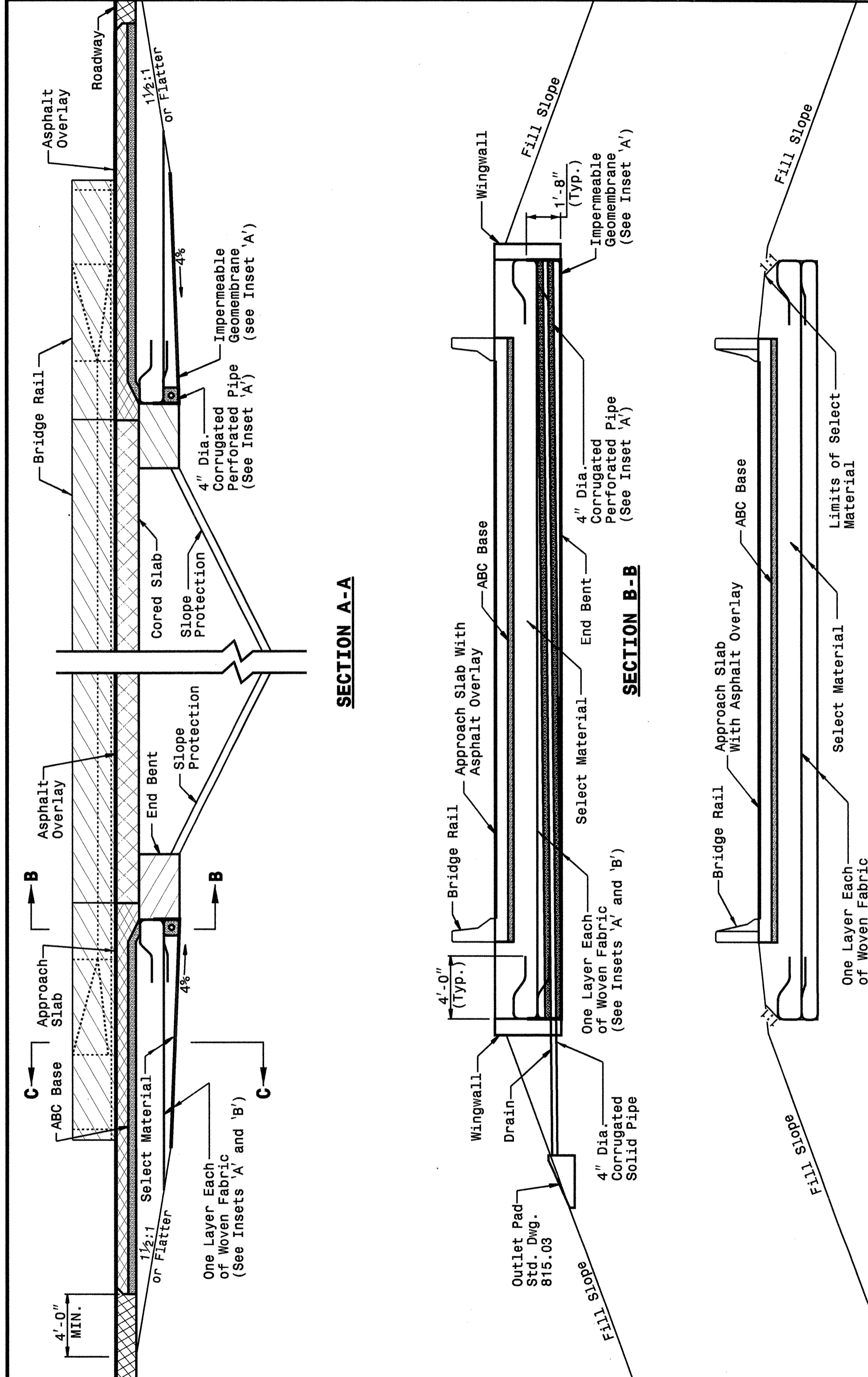


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 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
REINFORCED BRIDGE APPROACH FILLS
 CORED SLAB BRIDGES

SHEET 3 OF 4
422D10



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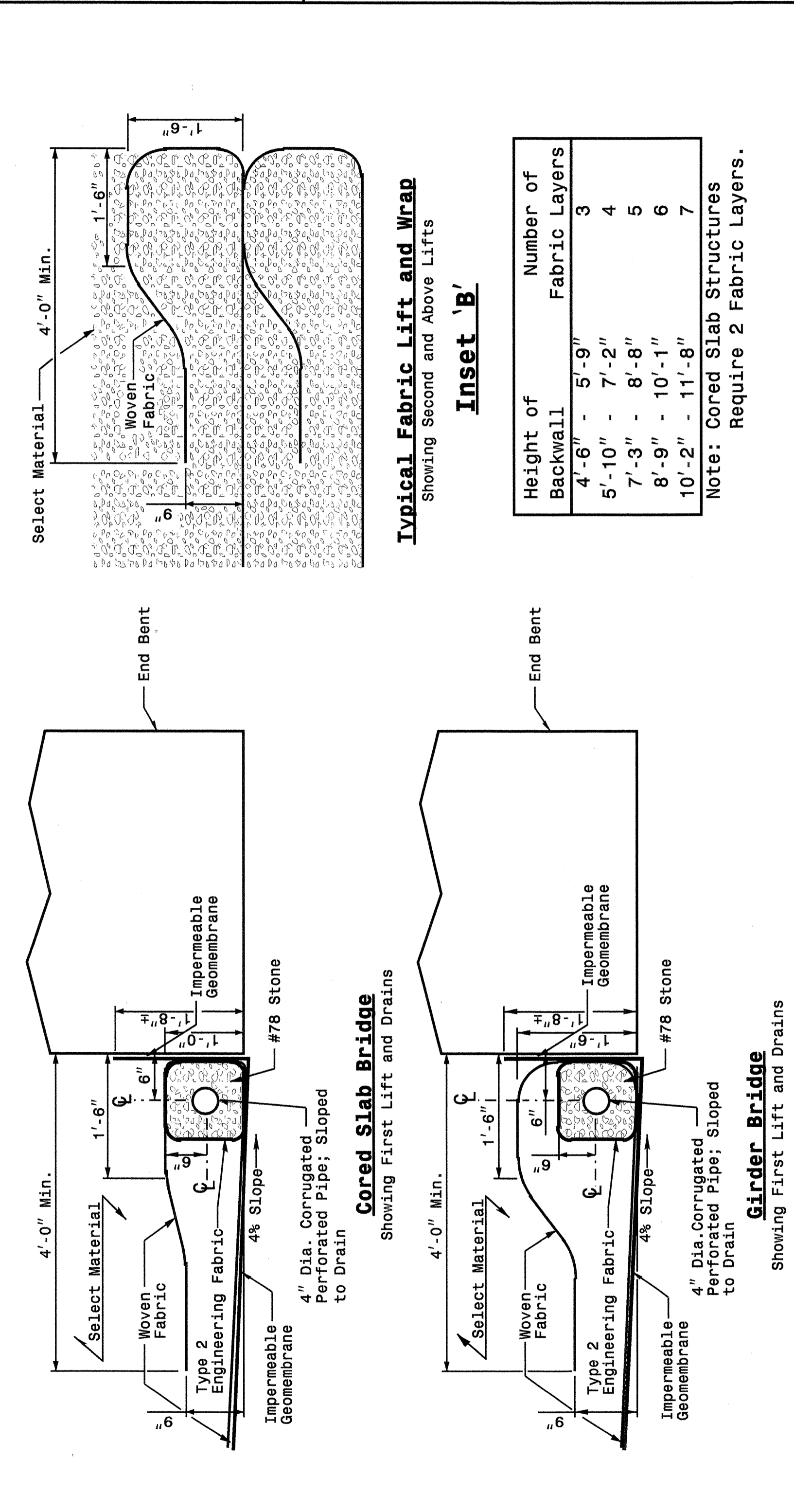
ENGLISH DETAIL DRAWING FOR
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SHEET 3 OF 4
422D10

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ENGLISH DETAIL DRAWING FOR
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 INSETS AND CHARTS

SHEET 4 OF 4
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ENGLISH DETAIL DRAWING FOR
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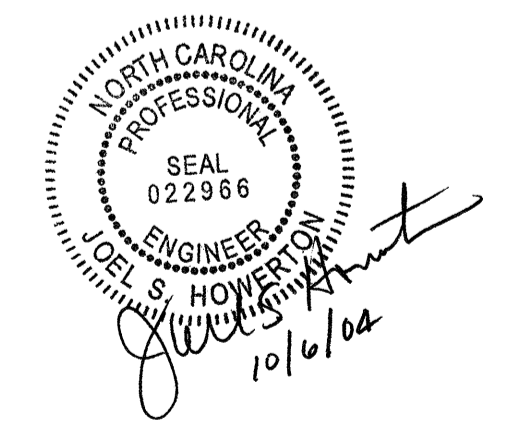
SHEET 4 OF 4
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Typical Fabric Lift and Wrap
 Showing Second and Above Lifts

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.

Length of Bridge End Bent Inside Wingwalls
 If Bridge Skew is Less Than or Equal to 90°:
 $\frac{\text{Roadway Width} + 7'-0''}{\sin(\text{Bridge Skew Angle})} = \text{Dis. Between Wingwalls}$
 If Bridge Skew is Greater Than 90°:
 $\frac{\text{Roadway Width} + 7'-0''}{\cos(\text{Bridge Skew Angle} - 90^\circ)} = \text{Dis. Between Wingwalls}$



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: 09-15-04
 CHECKED BY: [Signature] DATE: 9/16/04
 FILE SPEC.: stds\02stdstodetails/english\422d10.dgn