NOTES:

1. FOR INSTRUCTION ON USE OF THIS STANDARD, GENERAL NOTES AND DESIGN TABLES, SEE SHEET 3. VARIABLES B, H, N, AND S PROVIDED IN TABLES A, B, OR C. ON SHEET 3 DESIGN CASE SHALL BE SHOWN ON PLANS.

2. PROJECT EXISTING REINFORCING, NOT ALL REINFORCING SHOWN. ANY BARS EXPOSED SHALL HAVE CONCRETE REMOVE TO 1" CONTINUE EXISTING LONGITUDINAL WALL STEEL THROUGH LAP LENGTH SHOWN.

3. POLISHED SURFACE TO APPROXIMATE 1/2" AMPLITUDE SURFACE SHALL BE CLEANED AND FREE OF LAITANCE.

4. CUT LATERAL REINFORCING WHERE INTERSECTS WITH INSIDE OF MAINLINE RCB WALL. MAINTAIN 1/2" CLEAR FROM INSIDE FACE.

5. ABBREVIATIONS SHALL BE AS DEFINED:
   HL = MAIN LINE
   LAT = LATERAL
   T1 = DECK THICKNESS PER CALTRANS STANDARD PLANS OR PROJECT DRAWINGS
   T3 = INVERT THICKNESS PER CALTRANS STANDARD PLANS OR PROJECT DRAWINGS

6. "X" BAR, SEE TABLE ON SHEET 3 AND DETAIL 1 ON SHEET 2.

7. MAINTAIN 1/2" CLEAR FROM INSIDE FACE.

8. "X" BAR S IN A BARS IN SHEET 3. DESIGN CASE SHALL BE SHOWN ON PLANS.

9. TABLES, SEE SHEET 3. VARIABLES B, H, N, AND S PROVIDED IN TABLES A, B, OR C. ON SHEET 3 DESIGN CASE SHALL BE SHOWN ON PLANS.

10. FOR INSTRUCTION ON USE OF THIS STANDARD, GENERAL NOTES AND DESIGN TABLES, SEE SHEET 3. VARIABLES B, H, N, AND S PROVIDED IN TABLES A, B, OR C. ON SHEET 3 DESIGN CASE SHALL BE SHOWN ON PLANS.
NOTES:
1. VARIABLES B, H, N AND S PROVIDED IN TABLES A, B OR C ON SHEET 3.
2. DEPTH OF THICKENED SLAB SHALL MATCH THE MAIN LINE DECK OR INVERT, WHICHEVER IS CREAER.
3. CUT LATERAL REINFORCING OF MAINLINE RCB WALL TO MAINTAIN 5/" CLEAR FROM INSIDE FACE.
4. OMIT HORIZONTAL TIES AND BARS WHERE TIE IS WITHIN LATERAL SLAB, INVERT OR THICKENED EDGE.
5. SIMPLE CONFIGURATIONS OF LATERAL, MAIN LINE AND JUNCTION STRUCTURE GEOMETRIES ARE SHOWN. PLEASE NOTE THE POSITION OF THE LATERAL TO THE MAINLINE MAY VARY, SUCH AS MATCHING OR OFFSET INVERT ELEVATIONS, AND MATCHING OR OFFSET TOP SLAB ELEVATIONS. REINFORCING STEEL SHOP DRAWINGS SHOWING SPECIFIC GEOMETRY AND REINFORCING SHALL BE SUBMITTED TO THE DISTRICT FOR REVIEW AND APPROVAL.
6. ABBREVIATIONS SHALL BE AS DEFINED:
   N  NA  STIRRUPS @ "S" O.C.
   H  HOLTONGAL BARS (E&F) (TYP)
   LATERAL MAINLINE
   LAT LATERAL DECK / INVERT THICKNESS PER CALTRANS STANDARD PLANS OR PROJECT DRAWINGS
   T3 INVERT THICKNESS PER CALTRANS STANDARD PLANS OR PROJECT DRAWINGS
   "X" BAR SEE TABLE ON SHEET 3 AND DETAIL 1.

DETAIL Thickeed Deck / Invert

NOTES:
1. VARIABLES B, H, N AND S PROVIDED IN TABLES A, B OR C ON SHEET 3.
2. DEPTH OF THICKENED SLAB SHALL MATCH THE MAIN LINE DECK OR INVERT, WHICHEVER IS CREAER.
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   T3 INVERT THICKNESS PER CALTRANS STANDARD PLANS OR PROJECT DRAWINGS
   "X" BAR SEE TABLE ON SHEET 3 AND DETAIL 1.
**DESIGN NOTES**

ASME LIFB BRIDGE DESIGN SPECIFICATIONS, 2002, 1ST EDITION.

**LOADING**

Live Load (ASME LIFB 5.6.1.12)

Impact Factor (apply to roof slab only)

Water Load (ASME LIFB 5.6.1.2)

**REMARKS**

The design and construction of the bridge are subject to the recommendations of the Engineer of Record.

The engineer shall specify the construction condition by design drawings showing all maximum and minimum spans.

**STANDARD DRAWINGS NOTES FOR DESIGN TABLE**

For definition of lateral span for design, see Table 3.4.12. Strength reduction factors shall be used as specified in the following guidelines. See Table 3.4.12. Earth cover shall be specified as defined in the following guidelines. See Table 3.4.12. Earth cover shall be specified as defined in Table 3.4.12.

**STANDARD GENERAL NOTES**

1. **Earth Cover**

   - Vertical Earth Pressure: 140 pcf

   - Vertical Earth Pressure: 140 pcf

   - Vertical Earth Pressure: 140 pcf

   - Vertical Earth Pressure: 140 pcf

   - Vertical Earth Pressure: 140 pcf

   - Vertical Earth Pressure: 140 pcf

   - Vertical Earth Pressure: 140 pcf

   - Vertical Earth Pressure: 140 pcf

2. Earth Cover on Piers and Span Supports:

   - Earth Cover on Piers and Span Supports:

   - Earth Cover on Piers and Span Supports:

   - Earth Cover on Piers and Span Supports:

   - Earth Cover on Piers and Span Supports:

   - Earth Cover on Piers and Span Supports:

   - Earth Cover on Piers and Span Supports:

   - Earth Cover on Piers and Span Supports:

   - Earth Cover on Piers and Span Supports:

3. Earth Cover on Span Supports:

   - Earth Cover on Span Supports:

   - Earth Cover on Span Supports:

   - Earth Cover on Span Supports:

   - Earth Cover on Span Supports:

   - Earth Cover on Span Supports:

   - Earth Cover on Span Supports:

   - Earth Cover on Span Supports:

   - Earth Cover on Span Supports:

**EQUATION**

\[ P = \frac{L}{\sin (A)} \]

**"P" SPAN NOMOGRAPHS**

**TABLE A**

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**NOTES**

1. **Lateral Span**

   - Earth Cover:

   - Earth Cover:

   - Earth Cover:

   - Earth Cover:

   - Earth Cover:

   - Earth Cover:

   - Earth Cover:

   - Earth Cover:

2. **Opening Span**

   - Earth Cover:

   - Earth Cover:

   - Earth Cover:

   - Earth Cover:

   - Earth Cover:

   - Earth Cover:

   - Earth Cover:

   - Earth Cover:

3. **N/A**

   - N/A

   - N/A

   - N/A

   - N/A

   - N/A

   - N/A

   - N/A

   - N/A

4. **X**

   - X

   - X

   - X

   - X

   - X

   - X

   - X

   - X

5. **General Manager-Chief Engineer**

   - General Manager-Chief Engineer:

   - General Manager-Chief Engineer:

   - General Manager-Chief Engineer:

   - General Manager-Chief Engineer:

   - General Manager-Chief Engineer:

   - General Manager-Chief Engineer:

   - General Manager-Chief Engineer:

   - General Manager-Chief Engineer:

6. **DATE**

   - Date:

   - Date:

   - Date:

   - Date:

   - Date:

   - Date:

   - Date:

   - Date:

7. **STANDARD DRAWING NUMBER JS230**

   - Standard Drawing Number JS230:

   - Standard Drawing Number JS230:

   - Standard Drawing Number JS230:

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8. **EQUATION**

   - Equation:

   - Equation:

   - Equation:

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