## INDEX

<table>
<thead>
<tr>
<th>SHEET NO.</th>
<th>SUBJECT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Reinforced Concrete Bridge Approach Index and General Notes</td>
</tr>
<tr>
<td>2</td>
<td>Reinforced Concrete Bridge Approach Square</td>
</tr>
<tr>
<td>3</td>
<td>Reinforced Concrete Bridge Approach Skewed</td>
</tr>
<tr>
<td>4</td>
<td>Reinforced Concrete Bridge Approach Section, Pavement Ledge, and Bar Bending Details</td>
</tr>
</tbody>
</table>

## GENERAL NOTES:

1. All reinforcing bars shall be epoxy coated.
2. See Standard Drawing series E 609-TBAE for RCBA extensions used with bridge railing transitions.
NOTES:

1) When shown on the plans, see Standard Drawing series E 503-BATJ for terminal joint and sleeper slab details.

KEY:

RCBA = Reinforced Concrete Bridge Approach
NOTES:

1. When shown on the plans, see Standard Drawing series E 503-BATJ for terminal joint and sleeper slab details.

2. Variable-length #5 bars shall be detailed by means of cutting diagrams on the plans.

3. For skew > 15 degrees where variable-length transverse bars would be shorter than 2 ft 0 in., a fanned configuration of three #5 x 5'-0" reinforcing bars shall be provided.

KEY:

RCBA = Reinforced Concrete Bridge Approach

INDIANA DEPARTMENT OF TRANSPORTATION

REINFORCED CONCRETE BRIDGE APPROACH
SKewed

SEPTEMBER 2020

STANDARD DRAWING NO. E 609-RCBA-03
NOTES:

1. See plans for approach pavement thickness.
2. For HMA approach pavement:
   - RCBA = 10 in. if design year AADT < 1000
   - RCBA = 12 in. if design year AADT ≥ 1000
3. For PCCP approach pavement:
   - RCBA = 12 in. if pavement thickness < 12 in.
   - RCBA = Same as pavement thickness, if pavement thickness ≥ 12 in.
5. See Standard Drawing series E 703-BRST for reinforcing-bar bending details and notes.
6. When shown on the plans, see Standard Drawing series E 503-BATJ for terminal joint and sleeper slab details.
7. When the RCBA is constructed without a terminal joint, subgrade treatment shall be omitted and geotextile shall be placed under subbase for PCCP.

KEY:

RCBA = Reinforced Concrete Bridge Approach

INDIANA DEPARTMENT OF TRANSPORTATION

REINFORCED CONCRETE BRIDGE APPROACH
SECTION, PAVEMENT LEDGE,
AND BAR BENDING DETAILS
SEPTEMBER 2021

STANDARD DRAWING NO. E 609-RCBA-04

3/18/21 DESIGN STANDARDS ENGINEER DATE
3/24/2021 CHIEF ENGINEER DATE