<table>
<thead>
<tr>
<th>PAVEMENT THICKNESS, $D$</th>
<th>LONGITUDINAL CONSTRUCTION JOINT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tie-bars at 900 c/f</td>
</tr>
<tr>
<td></td>
<td><strong>TIE-BAR SIZE</strong></td>
</tr>
<tr>
<td>Less than 225</td>
<td>#10</td>
</tr>
<tr>
<td>226 to 300</td>
<td>#12</td>
</tr>
<tr>
<td>Greater than 300</td>
<td>#26</td>
</tr>
</tbody>
</table>

**NOTES:**

1. Diameter of drilled hole ($d$) shall be in accordance with the chemical anchor system manufacturer's instructions.

**INDIANA DEPARTMENT OF TRANSPORTATION**

**LONGITUDINAL CONSTRUCTION JOINT**

**SEPTEMBER 2008**

**STANDARD DRAWING NO.** 503-COP1-08

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**All dimensions are in mm unless otherwise specified.**

**Existing RCCP**

- **D**
- **D/2**
- **1/4**
- **1/2**
- **le**

**Retrofit construction tie-bar embedment detail**

- Epoxy coated tie-bar
- Approved chemical anchor system

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**Design Standards Engineer**

**Richard L. VanLoo** 09/03/08

**Chief Highway Engineer**

**Mark N. Miller** 09/03/08