GENERAL NOTES


2. Saw cuts and joint seal shall be omitted if PCP is to be overlaid.

3. Minimum of 2' horizontal distance between retrofitted tie bar and the nearest D-1 contraction joint within the patch or the end of the patch.

4. Retrofitted tie bars are not to be placed less than 2' from any transverse joint or random crack in an adjacent PCP lane or PCP shoulder.


**Dowel Bar Sizes**

<table>
<thead>
<tr>
<th>Pavement Thickness, D</th>
<th>Minimum Dowel Bar Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 9&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>9&quot; through 12&quot;</td>
<td>1 1/4&quot;</td>
</tr>
<tr>
<td>Greater than 12&quot;</td>
<td>1 1/2&quot;</td>
</tr>
</tbody>
</table>

**SECTION B-B**

- Existing PCCP
- Existing subbase
- PCCP patch
- Saw cut
- Retrofitted tie bar for PCCP patches > 6' in length

**SECTION A-A**

- Where Existing Subbase must be removed
- New subbase
- PCCP patch
- Existing PCCP

**PLAN**

- Lane line or edge of pavement
- 16-Epoxy coated dowel bars (See table for minimum dowel bar diameter)
- 1'-6" epoxy coated dowel bar
- Saw cut

**INDIANA DEPARTMENT OF TRANSPORTATION**

**CONCRETE PAVEMENT**

**PATCH DETAILS**

**SEPTEMBER 2009**

**STANDARD DRAWING NO. E 506-CCPP-01**

[Signature] Richard L. VanCleave 09/01/09  
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