NOTES:

1. See Standard Drawing E 503-CP01-03 for joint seal details.
2. Saw cuts and joint seal shall be omitted if PCCP is to be overlaid.
3. Minimum of 1'-6" 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 1'-6" from any transverse joint or random crack in an adjacent PCCP lane or PCCP shoulder.
5. See Standard Drawing E 503-CP01-03 for retrofit tie bar sizing and spacing.

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>

INFORMATION Sheet

INDIANA DEPARTMENT OF TRANSPORTATION
CONCRETE PAVEMENT
PATCH DETAILS
SEPTEMBER 2011

STANDARD DRAWING NO. E 506-CCPP-01

/s/ Richard L. VanClave 09/01/11
DESIGN STANDARDS ENGINEER DATE

/s/ Mark A. Miller 09/01/11
CHIEF HIGHWAY ENGINEER DATE