1. Extend concrete patch material 1/8" above existing concrete surface for projects to be diamond ground; construct flush if diamond grinding is not required.

2. Sawcut joint width 3/16" min to 5/16" max. Saw after concrete patch material has set.

### DOWEL BAR DIAMETER

<table>
<thead>
<tr>
<th>Pavement Thickness (inches)</th>
<th>Diameter (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 to 9 1/2</td>
<td>1 1/2</td>
</tr>
<tr>
<td>&gt;10</td>
<td>1 1/2</td>
</tr>
</tbody>
</table>

**PLAN VIEW**

- Transverse Contraction Joint or Crack
- Center of Saw
- 3/8" Foam Core Board
- Chair (typ.)
- Dowel Bar Expansion Cap (typ.)
- Concrete Patch Material
- Existing Concrete Pavement

**SECTION A-A**

- 1/2" diameter hole for dowel bar
- 1 1/2" deep saw cut.
- 1" min.
- 1/2" min.
- Transverse Contraction Joint
- Chair (typ.)

**SECTION B-B**

- 1/2 of concrete pavement depth
- Dowel Bar Expansion Cap
- Transverse Contraction Joint
- Chair (typ.)
- Existing Concrete Pavement
- Place chair parallel to surface

** Chamfer Detail**

- Mid-depth of slab
- Construct bottom of slot parallel to pavement surface
- 2 1/2"