**LONGITUDINAL & TRANSVERSE JOINT REPAIR DIMENSION TABLE**

<table>
<thead>
<tr>
<th>Joint Type</th>
<th>Width of Joint (in)</th>
<th>Diameter of Backer Rod (in)</th>
<th>Sealant Depth (in)</th>
<th>Finished Joint Depth (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOT-POURED ELASTIC SEALANT</td>
<td>1/4</td>
<td>1/4</td>
<td>1/4</td>
<td>1/4</td>
</tr>
<tr>
<td></td>
<td>1/2</td>
<td>1/2</td>
<td>1/2</td>
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</tr>
<tr>
<td></td>
<td>5/8</td>
<td>5/8</td>
<td>5/8</td>
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</tr>
<tr>
<td></td>
<td>1 1/2</td>
<td>1 1/2</td>
<td>1 1/2</td>
<td>1 1/2</td>
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<tr>
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<td>1 3/4</td>
<td>1 3/4</td>
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<td></td>
<td>1 5/8</td>
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<tr>
<td></td>
<td>1 7/8</td>
<td>1 7/8</td>
<td>1 7/8</td>
<td>1 7/8</td>
</tr>
</tbody>
</table>

**GENERAL NOTES REGARDING CONCRETE JOINT SEALANTS**

1. Joint depth shown in this table. It is to include additional 1/4 or 1/2 of depth shown in existing joint.

2. For concrete slabs with random spacing all joints shall be uniform in width. joints of proposed joints shall be based on average joint spacing.

3. Joint shall be depth shown in this table. It is to include additional 1/4 or 1/2 of depth shown in existing joint.

4. Joint depth shown in this table. It is to include additional 1/4 or 1/2 of depth shown in existing joint.

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6. Joint depth shown in this table. It is to include additional 1/4 or 1/2 of depth shown in existing joint.

**GENERAL NOTES REGARDING SHOULDER JOINT SEALANTS**

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**PLAN VIEW OF DETAILS FOR PAVEMENT JOINT REPAIR**

- **EXISTING CONCRETE SLABS**
  - 20 or less
  - 21 to 30

- **EXISTING OR PROPOSED ASPHALT SHOULDER**
  - 1" (to be measured from the lowest point along the joint)
  - HOT-POURED ELASTIC TYPE SEALANT
  - SHOULDER STONE 1"

- **JOINT SPACING (LINEAR FEET)**
  - WIDTH OF JOINT (INCHES)
  - DIAMETER OF BACKER ROD (INCHES)
  - SEALANT DEPTH BELOW TOP OF JOINT (INCHES)
  - SEALSANT DEPTH (INCHES)
  - FINISHED JOINT DEPTH (INCHES)

- **EXISTING MOUNTABLE CURB**

- **SHOULDER JOINT DETAIL**
  - TRANSVERSE CONSTRUCTION OR CONTRACTION JOINTS
  - LONGITUDINAL CONSTRUCTION JOINTS

- **LONGITUDINAL AND TRANSVERSE JOINT REPAIR DETAILS**

- **GENERAL NOTES REGARDING CONCRETE JOINT SEALANTS**
  - HOT-POURED ELASTIC SEALANT
  - SILICONE SEALANT

- **GENERAL NOTES REGARDING SHOULDER JOINT SEALANTS**
  - HOT-POURED ELASTIC SEALANT

**STATE OF TENNESSEE**

**DEPARTMENT OF TRANSPORTATION**

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