PARTIAL RAMP WIDTH PATCHES
(NO EXISTING LONGITUDINAL JOINT)

PARTIAL RAMP WIDTH PATCHES
(EXISTING LONGITUDINAL JOINT)

Patches, Full-Depth Finish, by Area
Patches, Full-Depth Finish, by Count
Patches, Full Depth Finish, by Area (50 feet in length or greater)
Possible Tabulation:
102-6C

Possible Contract Items:
CD Joint Assembly
CT Joint
Patches by Count (Repair)
Patches, Full-Depth Finish, by Area

PV-101
See PV-101 for joint and bar placement details.

1. Joint spacing 10 feet minimum, 17 feet maximum, 15 feet optimum.
2. If there is no existing joint or crack in the adjacent pavement, place a "CT" joint. If there is an existing joint or crack in the adjacent pavement, place a "CD" joint at the same transverse location. Saw but do not seal "CT" joints.
3. New "CD" joint must be a minimum 5 feet from the patch end.
4. Do not saw or seal the joint. Place 1/2 inch preformed joint material between patch and concrete in adjacent lane.
5. Do not saw a new joint.

REVISION: 04-21-20
STANDARD ROAD PLAN
FULL DEPTH RAMP PCC PATCH
WITH DOWELS
PV-101

REVISIONS:
Removed INTERIM from the standard.
FULL RAMP WIDTH PATCHES
(NO EXISTING LONGITUDINAL JOINT)

FULL RAMP WIDTH PATCHES
(EXISTING LONGITUDINAL JOINT)

1. Joint spacing 10 feet minimum, 20 feet maximum, 15 feet optimum.
2. New ‘CD’ joint must be a minimum 5 feet from the patch end.
3. Do not saw a new joint.

Do not saw a new joint.

New ‘CD’ joint must be a minimum 5 feet from the patch end.

Joint spacing 10 feet minimum, 20 feet maximum, 15 feet optimum.
**PAVEMENT REMOVAL DETAILS**

- **Existing Pavement**
- Full depth Saw Cut
- Removal of subbase or subgrade if required by plan.

**LONGITUDINAL SECTION THRU PATCH**

- **PCC Pavement**
- Dowels or Tie Bars
- Composite Pavement
- Subgrade smooth and graded to a uniform elevation.

**BAR SIZE TABLE**

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Existing PCC Pavement</th>
<th>#6</th>
<th>#10</th>
<th>#11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 8'</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8' to 10'</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>More than 10'</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Concrete Removal Area**
- **Dowels or Tie Bars**
- **PCC Patch**

**DETAIL FOR 'RT' OR 'RD' JOINT BAR SPACING**

- **Lane (Paint) Line**
- 6 at 12" Spacing
- Outer edge of lane

**TYPICAL HALF PLAN**

- **Internal edge of travel lane**
- **RD' or 'RT' joint**

**REVISIONS:**

- Removed INTERIM from the standard.
- Approved by Design Methods Engineer.