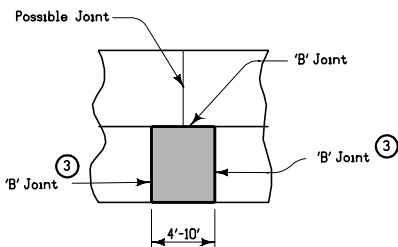
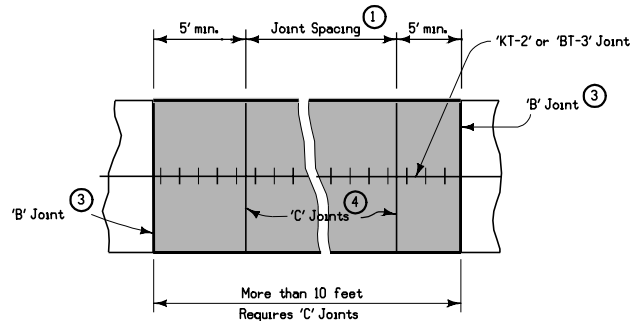


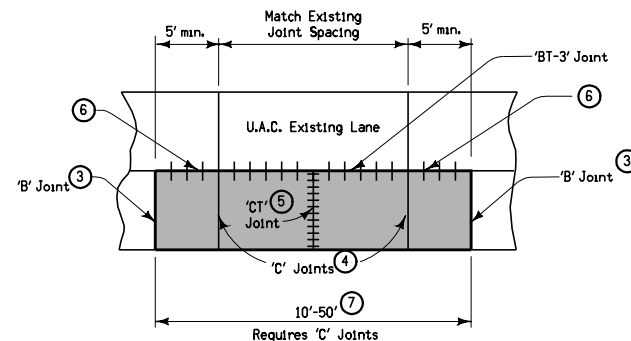
**FULL ROADWAY WIDTH PATCH**



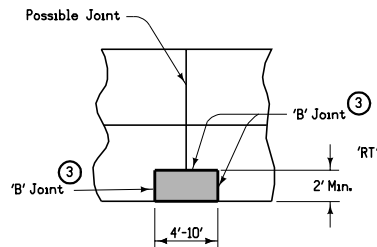
**ONE LANE WIDTH PATCH**



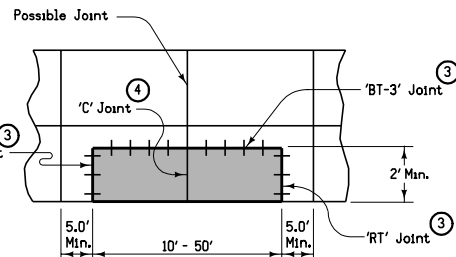
**FULL ROADWAY WIDTH PATCH**



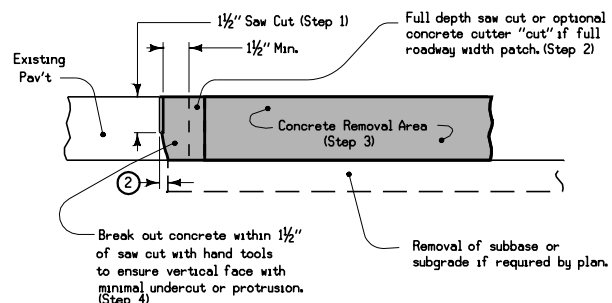
**ONE LANE WIDTH PATCH**



**PARTIAL LANE WIDTH PATCH**



**PARTIAL LANE WIDTH PATCH**



**PAVEMENT REMOVAL DETAILS**

Refer to Standard Road Plans RH-50 and RH-51 for details of joint construction.

All patches shall be rectangular even when existing pavement joints are skewed.

- ① Joint spacing 10 ft. minimum, 20 ft. maximum, 15 ft. optimum.
- ② The face of the patch should be near vertical. Protrusions less than 2 inches need not be removed if uniformly tapered from bottom of saw cut to bottom of patch. A step or ledge on this face is not allowed.
- ③ If resurfacing is part of the contract, joint shall not be sawed after patching nor be sealed. If patch is not to be resurfaced, then saw and seal according to RH-50 Detail "C".
- ④ If resurfacing is part of the contract, 'C' joints shall be sawed but not sealed. If the patch is not to be resurfaced, then saw and seal according to RH-50 Detail "A".
- ⑤ Establish a new joint at approximate mid patch. This joint does not need to align with any existing joint or crack in adjacent pavement.
- ⑥ 'B' joint if end of patch does not match an existing joint or crack in the adjacent lane.
- ⑦ If one lane patch exceeds 50 ft., both lanes should be considered for patching.

Contract Items:

Full Depth PCC Finish Patches Without Dowels by Count  
Full Depth PCC Finish Patches Without Dowels by Area

Tabulation:

102-6

<p><b>Iowa Department of Transportation</b></p> <p><b>STANDARD ROAD PLAN</b></p> <p>REVISIONS: Changed note 6 to refer to Detail C. Added Contract Items and Tabulations.</p> <p><i>Deanna Macfadyen</i> APPROVED BY DESIGN METHODS ENGINEER</p> <p><b>FULL DEPTH P.C. CONCRETE PATCH WITHOUT DOWELS (EXISTING NON-COMPOSITE PAVEMENT)</b></p>	<p>REVISION</p> <p>3 04-15-08</p>
	<p><b>RR-2</b></p>
	<p><b>SHEET 1 of 1</b></p>