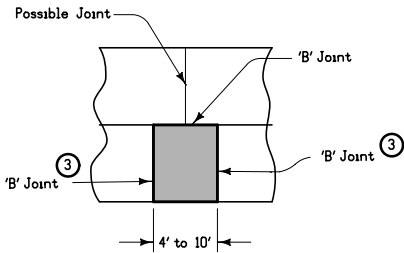
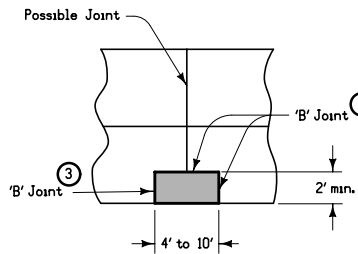


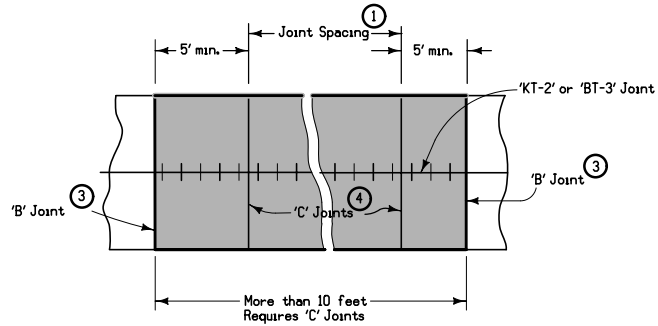
FULL ROADWAY WIDTH PATCH



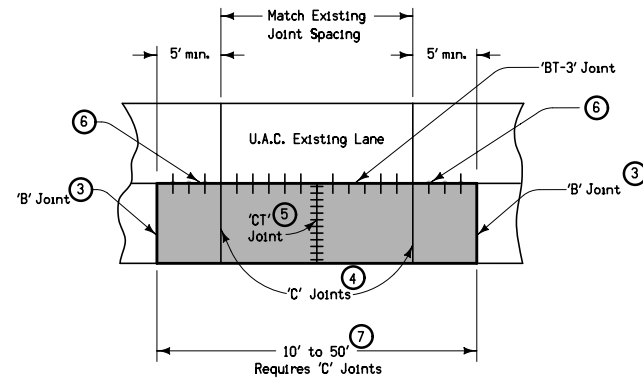
ONE LANE WIDTH PATCH



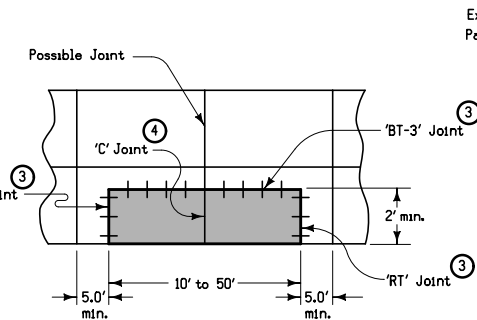
PARTIAL LANE WIDTH PATCH



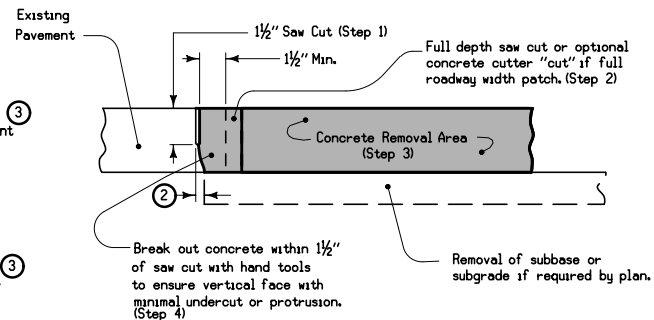
FULL ROADWAY WIDTH PATCH



ONE 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 surfaced, then saw and seal according to RH-50 Detail "A".
- 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:

102-6C

 Iowa Department of Transportation	REVISION 4 10-21-08
	RR-2 SHEET 1 of 1
REVISIONS: Corrected Tabulation referenced.	
<i>Deanna Mailford</i> APPROVED BY DESIGN METHODS ENGINEER	
FULL DEPTH PCC PATCH WITHOUT DOWELS (EXISTING NON-COMPOSITE PAVEMENT)	