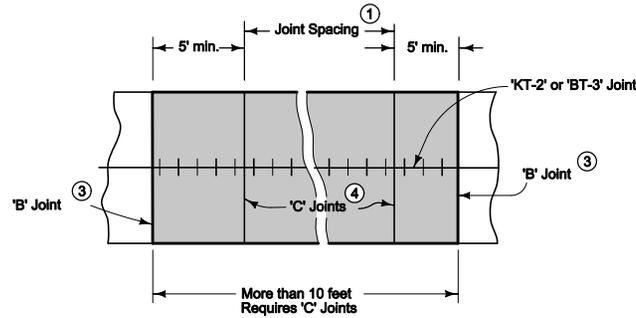
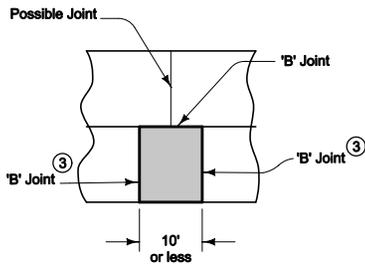


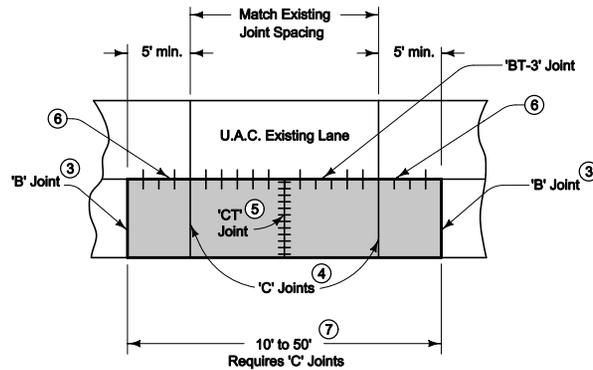
FULL ROADWAY WIDTH PATCH



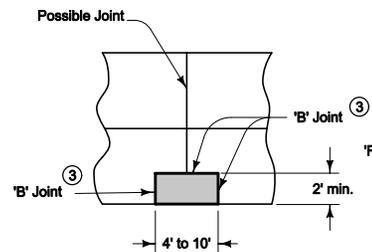
FULL ROADWAY WIDTH PATCH



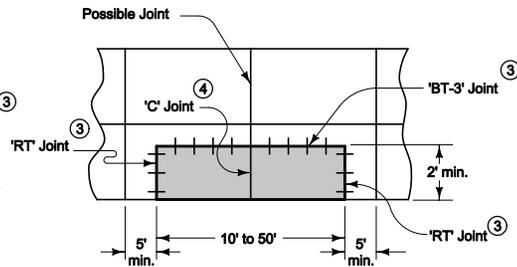
ONE LANE WIDTH PATCH



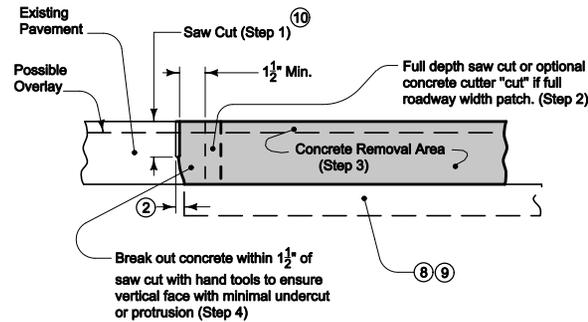
ONE LANE WIDTH PATCH



PARTIAL LANE WIDTH PATCH



PARTIAL LANE WIDTH PATCH



PAVEMENT REMOVAL

See PV-101 for joint and bar placement details.

Construct rectangular patches even when existing pavement joints are skewed.

- ① Joint spacing 10 feet minimum, 20 feet maximum, 15 feet 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 PV-101.
- 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 PV-101.
- 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 feet, both lanes should be considered for patching.
- ⑧ Possible Subbase Patch, see RR-26.
- ⑨ If longitudinal subdrain (shoulder) is not to be placed or if it is not present on side of roadway to be patched, then place drain per RR-26.
- ⑩ Saw cut through overlay so that cut is 1 1/2 inches into original pavement.

Possible Contract Items:

- CT Joint
- Patches, Full-Depth Repair
- Patches by Count (Repair)
- Patches, Full-Depth Finish, by Count
- Patches, Full-Depth Finish, by Area

Possible Tabulation:
102-6C

| | | |
|---|---------------------------|--------------|
| Iowa Department of Transportation | REVISION | |
| | 7 | 04-19-11 |
| | STANDARD ROAD PLAN | |
| RR-2 | | SHEET 1 of 1 |
| REVISIONS: Updated references to renamed standards. | | |

Deanna McFalls
APPROVED BY DESIGN METHODS ENGINEER

**FULL DEPTH PCC PATCH
WITHOUT DOWELS**