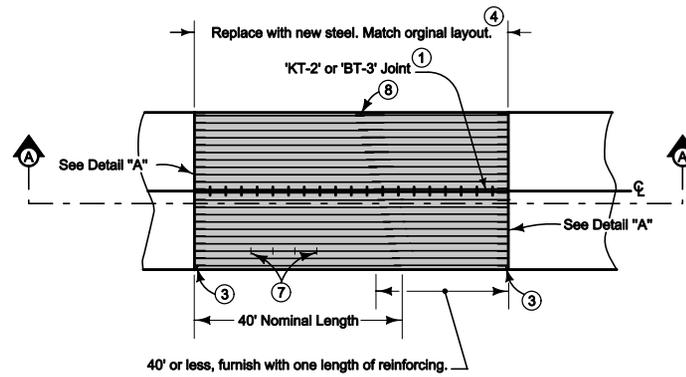
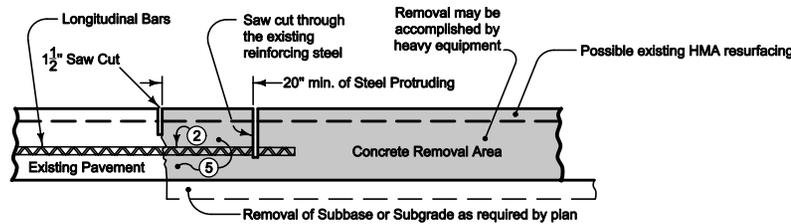


ONE LANE WIDTH PATCH

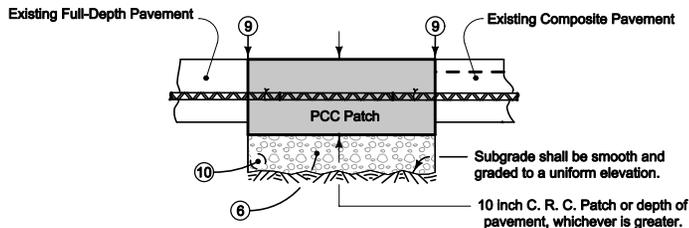


FULL ROADWAY WIDTH PATCH

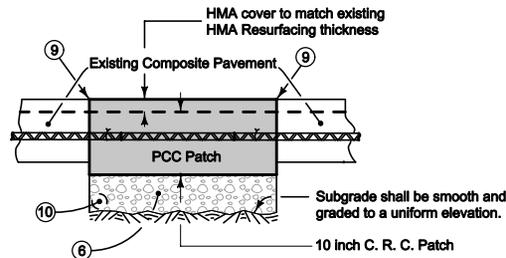
- ① If patch is over 10 feet in length, replace tie bars. See PV-1 for joint details.
- ② Reasonable care shall be taken to preserve the 20 inch length of longitudinal steel when removing concrete.
- ③ 18 inch minimum lap between existing and new reinforcing bars 2 wire ties per lap.
- ④ Minimum length of patch is 8 feet.
- ⑤ Pavement area shall be broken and removed to ensure vertical face with minimal undercut or protrusion.
- ⑥ Possible Subdrain Patch, see RR-26.
- ⑦ Longitudinal bars shall be placed at approximately midpoint of the slab and supported at approximately 4 foot intervals.
- ⑧ Lap bars 25 diameters of steel or 24 inch minimum for mesh; patches 8 feet to 40 feet no immediate lap joint; over 40 feet length lap joint as required to not exceed 40 feet spacing.
- ⑨ Do not saw or seal the joint after patch is placed.
- ⑩ 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.



DETAIL "A"
PAVEMENT REMOVAL DETAILS LONGITUDINAL SECTION



SECTION A-A
PCC ONLY PATCH OPTION



SECTION A-A
COMPOSITE PATCH OPTION

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

Possible Tabulation:
 102-6C

 Iowa Department of Transportation STANDARD ROAD PLAN	REVISION 3 10-19-10
	RR-18
	SHEET 1 of 1
REVISIONS: Removed Subdrain details. Combined with RR-17. Added patch drainage note. Changed title and general formatting.	
<i>Deanna McFalls</i> APPROVED BY DESIGN METHODS ENGINEER	
FULL DEPTH PATCH CONTINUOUS REINFORCED P.C. CONCRETE PAVEMENT	