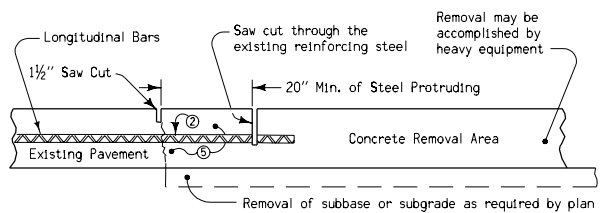


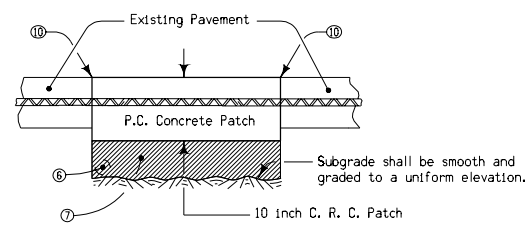
ONE LANE WIDTH PATCH

FULL ROADWAY WIDTH PATCH

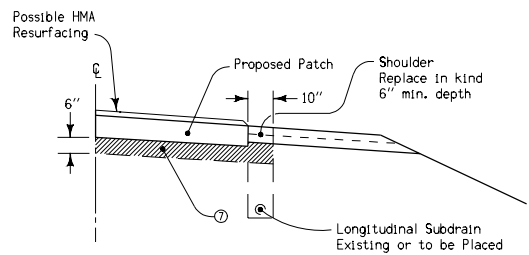
- ① If patch is over 10 feet in length, replace tie bars. Refer to Standard Road Plan RH-51 for joint details.
- ② Reasonable care shall be taken to preserve the 20" length of longitudinal steel when removing concrete.
- ③ 18" minimum lap between existing and new reinforcing bars 2 wire ties per lap.
- ④ Minimum length of patch 8 feet.
- ⑤ Pavement area shall be broken and removed to ensure vertical face with minimal undercut or protrusion.
- ⑥ If longitudinal subdrain (shoulder) is not to be placed or if not present on side of roadway to be patched, then place proposed 3 inch slotted corrugated pipe at low end of patch.
- ⑦ 6 inches granular subbase if required by plan. When placed, granular subbase should extend over longitudinal subdrain, if present.
- ⑧ Longitudinal bars shall be placed at approximately midpoint of the slab and supported at approximately 4 foot intervals.
- ⑨ Lap bars 25 diameters of steel or 24" minimum for mesh; patches 8' to 40', no immediate lap joint; over 40' length, lap joint as required to not exceed 40' spacing.
- ⑩ If resurfacing is part of the contract, the joint shall not be sawed after patching or be sealed. If resurfacing is not a part of the contract, then saw and seal according to Standard Road Plan RH-50 Detail "B".



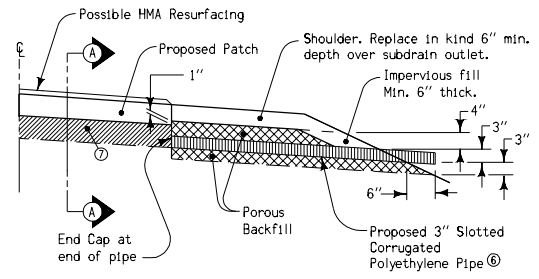
DETAIL "A"  
PAVEMENT REMOVAL DETAILS  
LONGITUDINAL SECTION



SECTION A-A



GRANULAR SUBBASE AND SUBDRAIN  
(WHEN REQUIRED BY PLAN)  
IF LONGITUDINAL SUBDRAIN IS PRESENT OR IS TO BE PLACED



GRANULAR SUBBASE AND SUBDRAIN  
(WHEN REQUIRED BY PLAN)  
WITHOUT LONGITUDINAL SUBDRAIN

<p>Iowa Department of Transportation</p> <p><b>STANDARD ROAD PLAN</b></p> <p>REVISIONS: Added 'BT-3' joint to full roadway width patches longitudinal joints. Revise length in note 2 to 20'</p> <p><i>Deanna Marjuff</i> APPROVED BY DESIGN METHODS ENGINEER</p> <p><b>FULL DEPTH PATCH CONTINUOUS REINFORCED P.C. CONCRETE PAVEMENT</b></p>	<p>REVISION</p> <table border="1"> <tr> <td>1</td> <td>10-17-06</td> </tr> </table>	1	10-17-06
	1	10-17-06	
	<p><b>RR-17</b></p> <p>SHEET 1 of 1</p>		