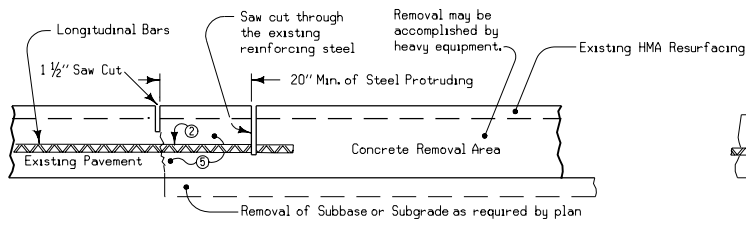


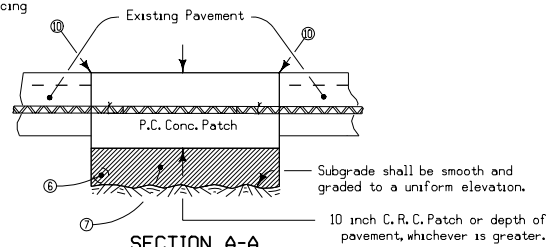
ONE LANE WIDTH PATCH

FULL ROADWAY WIDTH PATCH

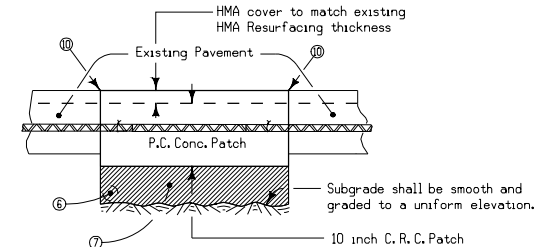
- ① If patch is over 10 feet in length, replace tie bars. Refer to Standard Road Plan RH-51 for joint details.
- ② Reasonable care shall be taken to preserve the 20" length of longitudinal steel when removing concrete.
- ③ 18" minimum lap between existing and new reinforcing bars 2 wire ties per lap.
- 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 The joint shall not be sawed nor be sealed after patch is placed.



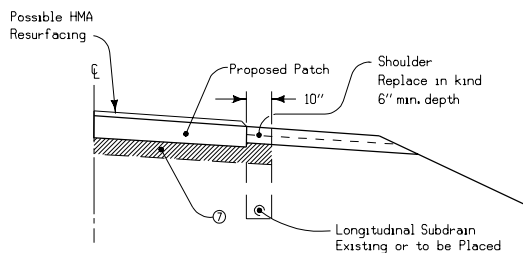
DETAIL "A"  
PAVEMENT REMOVAL DETAILS  
LONGITUDINAL SECTION



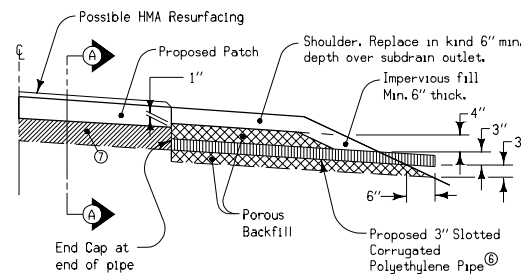
SECTION A-A  
P.C.C. only patch option



SECTION A-A  
Composite patch option



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

	REVISION 1   10-17-06	
	STANDARD ROAD PLAN <b>RR-18</b> SHEET 1 of 1	
REVISIONS: Added 'BT-3' joint to full roadway width patches longitudinal joints. Added P.C.C. only patch option and made Composite patch optional.		
APPROVED BY DESIGN METHODS ENGINEER <i>Deanna Mayfield</i>		
FULL DEPTH PATCH CONTINUOUS REINFORCED P.C. CONCRETE PAVEMENT COMPOSITE SECTION		