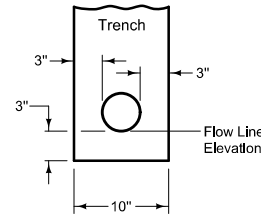


SECTION A-A
DOWELED PCC PAVEMENT



DRAIN PLACEMENT ④

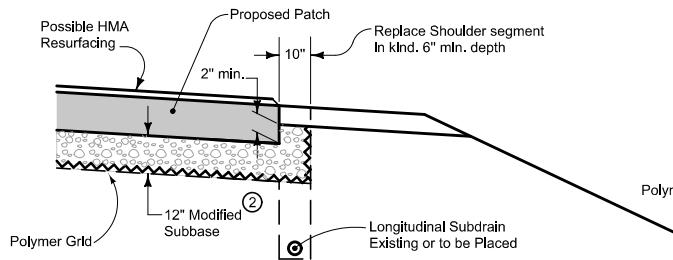
Place Full Depth Patch with 'EF' Joint after the final lift of asphalt has been placed. Porous Backfill and Subdrain may be placed prior to construction of resurfacing of shoulders.

Place Full Depth Patch according to Full Depth Patch specifications and Standard Road Plan RR-4, except as noted on this sheet.

Place Full Depth Patch and 'EF' Joint full width of the roadway. If roadway has PCC shoulders, extend 'CF' joint across shoulder. Cost of placing 'CF' joint is incidental to 'EF' joint.

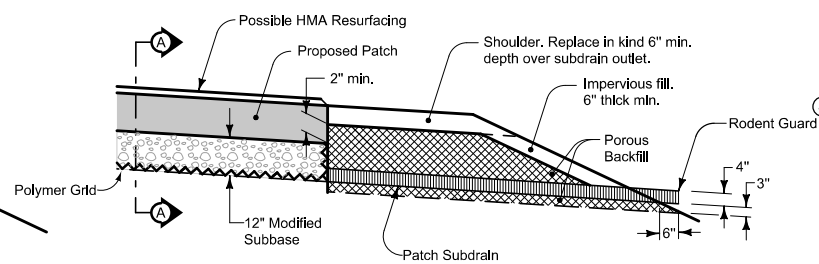
See PV-101 for joint and bar placement details.

- ① Break out concrete within 1 1/2" of saw cut with hand tools to ensure near vertical face with minimal undercut or protrusion. No need to remove protrusions smaller than 2 inches if uniformly tapered from bottom of saw cut to bottom of pavement. A step or ledge on this face is not allowed.
- ② 12 inches Modified Subbase is required under Full Depth Patch with 'EF' Joint. Extend Modified Subbase over longitudinal subdrain, if present.
- ③ Unless otherwise noted in the plans, depth of patch, T, is 12 inches regardless of existing pavement thickness.
- ④ If longitudinal subdrain (shoulder) is not to be placed or if it is not present on side of roadway to be patched, then place Patch Subdrain at low end(s) of patch. Use removable grate rodent guard except for projects using recycled PCC subbase where a removable fork rodent guard is required. Refer to RF-19E for rodent guard details. Refer to Drain Placement detail.



MODIFIED SUBBASE AND SUBDRAIN

IF LONGITUDINAL SUBDRAIN IS PRESENT OR IS TO BE PLACED



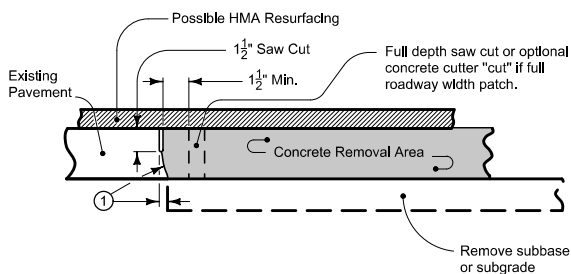
MODIFIED SUBBASE AND SUBDRAIN ④

WITHOUT LONGITUDINAL SUBDRAIN

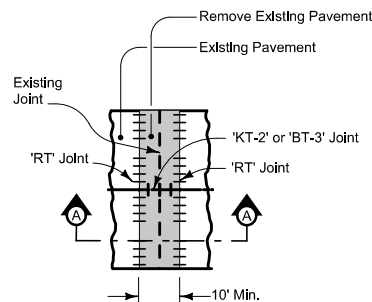
Possible Contract Items:

- Joint Assembly, EF
- Patches, Full-Depth Repair
- Patches by Count (Repair)
- Patches, Full-Depth Finish, by Area
- Patches, Full-Depth Finish, by Count
- Patch Subdrain
- Subbase Patch with EF Joint

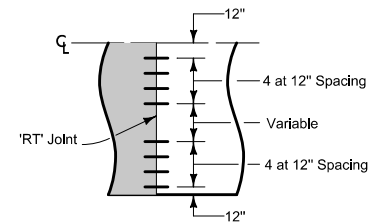
Possible Tabulation:
102-6C



PAVEMENT REMOVAL DETAILS



FULL ROADWAY WIDTH PATCH



TYPICAL HALF PLAN

 Iowa Department of Transportation	REVISION	
	5	04-17-12
	RR-1	
STANDARD ROAD PLAN		SHEET 1 of 1
REVISIONS: Increased minimum patch length from 6' to 10' and added Polymer Grid under Subbase Patch.		

Deanna Macfield
 APPROVED BY DESIGN METHODS ENGINEER

FULL DEPTH PATCH WITH 'EF' JOINT IN PCC