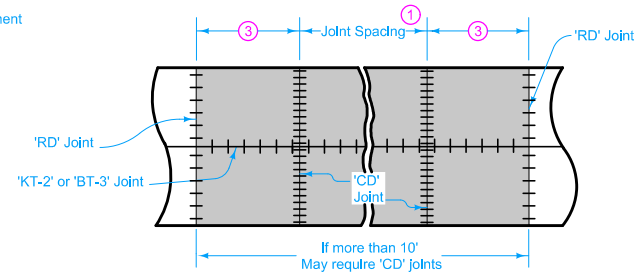
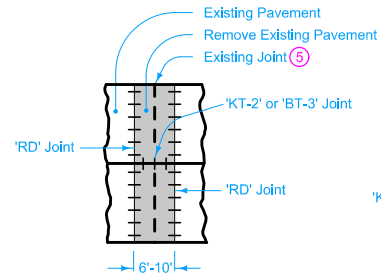
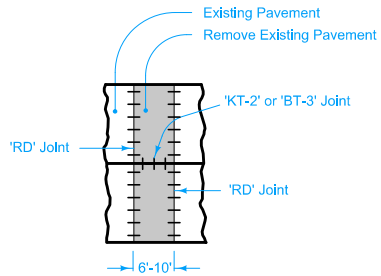


**FULL RAMP WIDTH PATCHES  
(NO EXISTING LONGITUDINAL JOINT)**



**FULL RAMP WIDTH PATCHES  
(EXISTING LONGITUDINAL JOINT)**

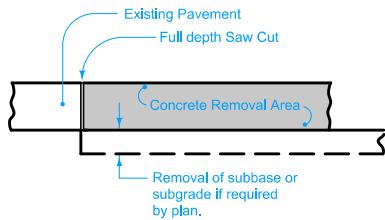
- ① Joint spacing 10 feet minimum, 20 feet maximum, 15 feet optimum.
- ③ New 'CD' joint must be a minimum 5 feet from the patch end.
- ⑤ Do not saw a new joint.

<b>IOWA DOT</b>	REVISION	
	2	04-21-20
<b>STANDARD ROAD PLAN</b>		<b>PR-105</b>
		SHEET 2 of 3

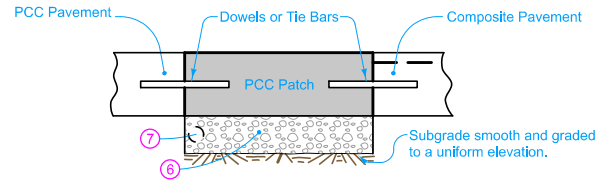
REVISIONS: Removed INTERIM from the standard.

*Handwritten Signature*  
APPROVED BY DESIGN METHODS ENGINEER

**FULL DEPTH RAMP PCC PATCH  
WITH DOWELS**

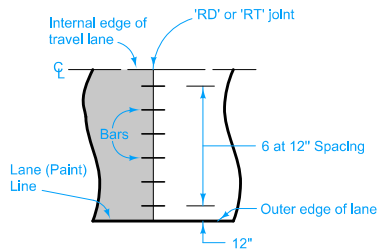


PAVEMENT REMOVAL DETAILS



LONGITUDINAL SECTION THRU PATCH

- ⑥ Possible Subbase Patch, see PR-140.
- ⑦ 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 PR-140.



DETAIL FOR 'RT' OR 'RD'  
JOINT BAR SPACING  
TYPICAL HALF PLAN

BAR SIZE TABLE			
Existing PCC Pavement Thickness	Less than 8"	8" to 10"	More than 10"
DOWEL SIZE	3" 4	1 1/4"	1 1/2"
TIE BAR SIZE	#6	#10	#11

	REVISION	
	2	04-21-20
STANDARD ROAD PLAN	PR-105	
	SHEET 3 of 3	
REVISIONS: Removed INTERIM from the standard.		
APPROVED BY DESIGN METHODS ENGINEER		

FULL DEPTH RAMP PCC PATCH  
WITH DOWELS