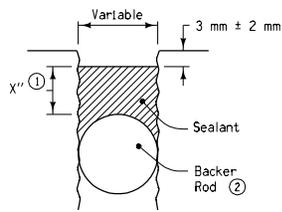


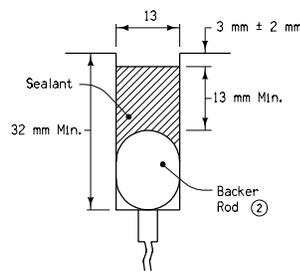
Note: Center 13 mm saw cut over the crack

**CLASS I CRACK**

RANDOM CRACK LESS THAN 13 mm IN WIDTH



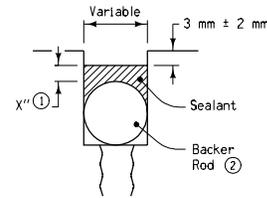
**CLASS II CRACK**  
RANDOM CRACK 13 mm - 38 mm



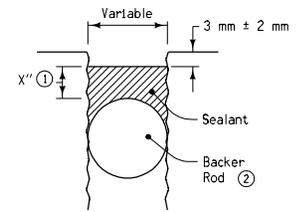
Note: Center 13 mm saw cut over existing joint

**CLASS III JOINT**

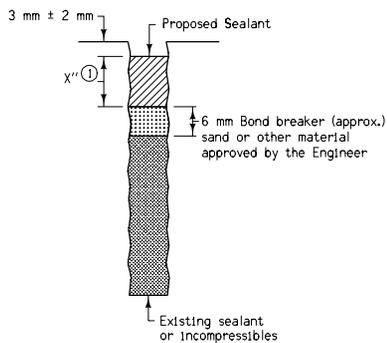
EXISTING JOINT LESS THAN 13 mm WIDE



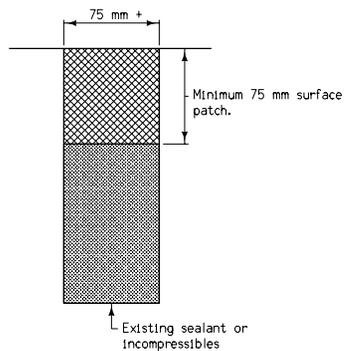
**CLASS IV JOINT**  
EXISTING WIDTH 13 mm - 38 mm



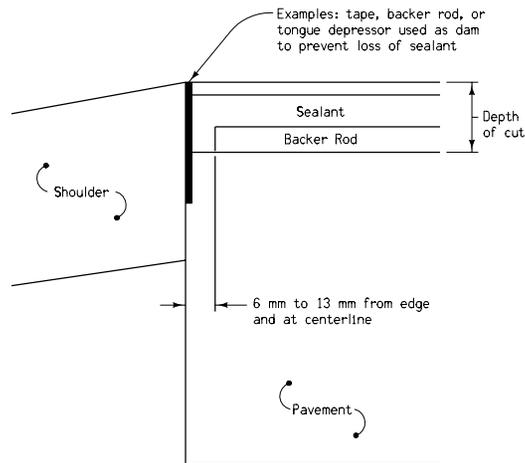
**CLASS V CRACK OR JOINT**  
EXISTING WIDTH 38 mm - 75 mm



**ALTERNATE BOND BREAKER FOR CLASS II CRACK CLASS IV JOINT CLASS V CRACK OR JOINT**



**GREATER THAN 75 mm OPENING**



**BACKER ROD PLACEMENT DETAIL**

- ① X" = 13 mm Minimum when width is 25 mm or less  
2:1 (Width:Depth) when width is greater than 25 mm
- ② Minimum diameter shall be one nominal size larger than the existing crack or joint

All dimensions given in millimeters unless noted.

<b>M</b>		REVISION 1   10-17-06
		<b>RR-21</b>
	<b>STANDARD ROAD PLAN</b>	
	<i>Deanna Mayfield</i> APPROVED BY DESIGN METHODS ENGINEER	
<b>PCC CRACK AND JOINT CLEANING AND SEALING</b>		