CLASS I CRACK
(RANDOM CRACK LESS THAN 1/2" IN WIDTH)

CLASS II CRACK
(RANDOM CRACK 1/2" TO 1 1/2" CRACK NOT SAWN)

CENTER SAWCUT OVER EXISTING JOINT
CLASS III JOINT
(EXISTING JOINT 1/2" OR LESS IN WIDTH)

CENTER SAWCUT OVER EXISTING JOINT
CLASS IV JOINT
(EXISTING WIDTH >1/2" TO 1 1/2")

CENTER SAWCUT OVER EXISTING JOINT
CLASS V CRACK OR JOINT
(EXISTING WIDTH 1 1/2" TO 3")

X" = 1/2" MINIMUM WHEN WIDTH IS 1" OR LESS
2:1 (WIDTH:DEPTH) WHEN WIDTH IS GREATER THAN 1"

NOTE:
MINIMUM DIAMETER OF BACKER ROD SHALL BE ONE NOMINAL SIZE LARGER THAN THE EXISTING CRACK OR JOINT.
EXAMPLE:
TONGUE DEPRESSOR
USED AS DAM

\( \frac{1}{4}'' \) TO \( \frac{1}{2}'' \) FROM
EDGE AND AT
CENTERLINE

SEALER
BACKER ROD

PAVEMENT

BACKER ROD PLACEMENT DETAIL

PROPOSED SEALER

\( \frac{1}{4}'' \) ± \( \frac{1}{16}'' \)

BOND BREAKER
(APPROXIMATE)
SAND OR OTHER
MATERIAL APPROVED
BY THE ENGINEER

EXISTING SEALER OR
INCOMPRESSIBLES

\( X'' = 2:1 \) (WIDTH:DEPTH) WHEN WIDTH IS GREATER THAN 1''

GREATER THAN 3'' OPENING

\( 3'' + \)

MINIMUM 3''
SURFACE PATCH

EXISTING
SEALER OR
INCOMPRESSIBLES

PCC PAVEMENT CRACK AND JOINT CLEANING
AND SEALING DETAILS – SHEET 2 OF 2