

503-R-671 RANDOM CRACK REMEDIATION

(Adopted 11-15-17)

The Standard Specifications are revised as follows:

SECTION 503, BEGIN LINE 221, DELETE AND INSERT AS FOLLOWS:

503.06 Random Crack Remediation

Random cracks shall be ~~satisfactorily~~ corrected.

(a) Transverse

Random *transverse* cracks shall be corrected by PCCP replacement. The replacement shall be full lane width and a minimum of 6 ft in length. Transverse PCCP removal limits shall be perpendicular to the centerline and shall include the entire random crack. Load transfer for the replacement PCCP shall be obtained by using dowel bars ~~and retrofit~~ epoxy coated tie bars. PCCP replacement areas shall have dowel bars which match contraction joints in any adjacent panels. *All remaining panels shall be a minimum of 6 ft in length.*

(b) Longitudinal

Random *longitudinal and skewed* cracks within 18 in. of a longitudinal joint shall be routed and sealed. All longitudinal saw cuts in areas of random cracks shall be sealed with a sealer/healer or a bonding agent in accordance with ASTM C 881, grade 1.

Random *longitudinal and skewed* cracks outside 18 in. of a longitudinal joint shall be ~~satisfactorily~~ corrected ~~by routing and sealing or~~ by PCCP replacement *in accordance with 503.06(a).* ~~PCCP with random cracks where differential movement has occurred shall be replaced in accordance with 503.06(a).~~
