

5-01.3(7) Sealing Existing Concrete Random Cracks

The Contractor shall route, clean and seal existing concrete random cracks where indicated by the Project Engineer. Cracks smaller than $\frac{5}{16}$ -inch in width shall be routed to $\frac{5}{16}$ -inch wide by 1-inch deep prior to placing the sealant. Cracks over $\frac{5}{16}$ -inch in width shall be cleaned and sealed.

All incompressible material shall be completely removed from the existing random crack to a depth of $\frac{3}{4}$ -inch. Immediately prior to sealing, the cracks shall be blown clean with dry, oil free compressed air.

The top surface of the sealant shall be at least $\frac{1}{4}$ -inch below the surface of the pavement.

5-01.3(8) Sealing Existing Transverse and Longitudinal Joints

The Contractor shall clean and seal existing transverse and longitudinal joints where shown in the Plans or as marked by the Project Engineer.

Old sealant and incompressible material shall be completely removed from the joint to the depth of the new reservoir with a diamond blade saw. The removed sealant shall become the property of the Contractor and be removed from the jobsite.

Removal of the old sealant for the entire depth of the joint is not required if the depth of the new reservoir is less than the depth of the existing joint.

Joints constructed with joint tape do not require cleaning and sealing.

Immediately prior to sealing, the cracks shall be blown clean with dry oil-free compressed air. The joints shall be completely dry before the sealing installation may begin. Immediately following the air blowing, the sealant material shall be installed in conformance to manufacturer's recommendations and in accordance with Section 5-05.3(8)B.

The top surface of the sealant shall be at least $\frac{1}{4}$ -inch below the surface of the pavement.