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# Special Provision to Item 361

## Repair of Concrete Pavement

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Item 361, "Repair of Concrete Pavement" of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

**Section 361.4.2.** The fifth paragraph is voided and replaced with the following.

After removing all loose base material and installing all necessary reinforcing steel, place concrete to directly on the remaining existing base.

**Section 361.4.2.** The sixth paragraph is supplemented with the following.

Contractor personnel performing epoxy grouting operations for job simulation demonstration and during repair work must have current ACI Adhesive Anchor Installer certification. Prior to any work, provide the Engineer with copies of certifications for all personnel performing this work.

Prior to performing any work, submit an estimate of the number of epoxy cartridges per repair size that will be used to fill the tie-bar holes.

**Section 361.4.2.** The seventh paragraph is voided and replaced with the following.

Place tie bars as shown on the plans. Drill holes into the existing concrete at least 10 in. deep unless otherwise directed. Use a drill bit with a diameter that is 1/8 in. greater than that of tie bars. Clean the holes with a wire brush and compressed air to remove all the dust and moisture. Only use epoxy cartridges. Follow the epoxy manufacturer's instructions to apply the epoxy. Use a piston plug delivery system to inject the epoxy starting at the bottom of the tie bar hole and allow the piston plug to retract as the epoxy is injected. Use Type III, Class C epoxy to fill the entire hole. Insert tie bars.

**Article 361.5. "Measurement"**, is voided and replaced by the following:

**361.5.1. Repair of Concrete Pavement (Half-Depth).** This Item will be measured by the square yard in place of the completed concrete surface area repaired.

**361.5.2. Repair of Concrete Pavement (Full-Depth).** This Item will be measured by the cubic yard of material complete in place of the completed concrete area repaired. Volume will be computed based on the measured area in place and the average depth as measured in place.