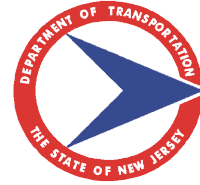


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## *Baseline Document Change Announcement*

**ANNOUNCEMENT: BDC21S-05**

**DATE: January 06, 2023**

**SUBJECT: Concrete Deck Repair**  
**- Revision to the 2019 Standard Specifications for Road and Bridge Construction, Subpart 507.02.01 and Subsection 507.04, & addition of Subpart 507.03.08**

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Subpart 507.02.01 and Subsection 507.04 have been revised & new Subpart 507.03.08 has been added to the 2019 Standard Specifications for Road and Bridge Construction in order to allow the RE to direct if and where to apply BRIDGE DECK AND BRIDGE APPROACH SEALING.

**The following revisions have been incorporated into the 2019 Standard Specifications via the 2019 Standard Inputs, SI2019:**

### **507.02.01 Materials**

THE FOLLOWING IS ADDED:

Provide and use a penetrating type of protective sealer as directed by the RE.

Ensure the protective sealer does not contain an aqueous solvent or carrier.

### **507.03 CONSTRUCTION**

THE FOLLOWING SUBPART IS ADDED:

#### **507.03.08 Bridge Deck and Bridge Approach Sealing**

The RE will direct if and where to apply BRIDGE DECK AND BRIDGE APPROACH SEALING.

- A. Instructions.** At least 5 days prior to starting the sealing operation provide the RE with the manufacturer's instructions for application and use. Use only 1 brand and specific type of sealer on each deck or approach slab.
- B. Surface Preparation.** Ensure the concrete is air dry for 24 hours after saw cut grooving is completed. If the concrete is subjected to rain or moisture from other project operations, extend the drying time by 24 hours from the time that the concrete has stopped being wetted. Complete all work such as surface texturing, saw cut grooving, barriers, parapets, sidewalks and safety walks prior to the cleaning the concrete surface. After the drying period has ended, clean the concrete surface by vacuum methods, to remove loose particles.

After cleaning, ensure no laitance, standing water, oil, dirt or other foreign particles are present. Do not start sealer application until the RE approves the surface preparation.

