**Revision of Section 412  
Thin Concrete Overlay**

**Revise Section 412 of the Standard Specifications for this project as follows:**

Subsection 412.10 shall include the following.

1. *Surface Milling.* If HMA is needed on the project to prepare the surface for PCCP, the HMA shall be milled to a minimal depth in order to roughen the surface texture.
2. *Surface Cleaning*. Cleaning of the surface shall be accomplished by sweeping the surface using a pickup mechanical broom. The surface shall be further cleaned by the use of pressure cleaning with air or water to ensure all dust, grit, and foreign material is removed from the surface. The area shall be protected as necessary to prevent contamination until concrete placement. When areas are not adequately protected, the Contractor shall perform additional cleaning before placement of concrete overlay as directed.
3. *Surface Preparation.* After the surface has been milled, cleaned, and accepted, a moisture coat shall be placed on the prepared surface. The Contractor shall spray a light mist of water in a manner that does not cause excessive ponding. The concrete overlay shall be placed while the surface is still wet.
4. *Surface Temperature.* Concrete pavement shall not be placed when the surface temperature of the HMA is 120 °F or greater.

The concrete pavement overlay shall be placed to the depth specified in the Contract. If milling is performed by the Contractor at locations not specified in the Contract, the Contractor shall supply a detailed milling plan that insures a minimum HMA depth of ▼inches after milling and the data shall be approved by the Engineer before placing concrete pavement.

In subsection 412.23, first paragraph, delete the first sentence and replace it with the following:

The quantities of Concrete Pavement to be paid for under these items will be measured by the square yard completed and accepted.

Subsection 412.24 (a) shall include the following:

| Pay Item | Pay Unit |
| --- | --- |
| Concrete Pavement (\_\_ Inch) | Square Yard |

The price per square yard of Concrete Pavement shall be full compensation for furnishing and placing all materials, including but not limited to any brooming, cleaning, dowels, tie bars, joint materials, texturing, sawing, sealing, slurry removal, finishing, curing compound and rumble strips. This price per square yard includes any additional concrete for paving irregularities, cross-slope or profile corrections along with any milling of the existing HMA performed by the discretion of the Contractor.

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**Instructions** **to** **Designers** (delete instructions and symbols from final draft):

▼ This value will be based on the Pavement Justification Report from the Region Materials Engineer.