

SECTION 00504 - CONCRETE DECK SURFACE PREPARATION

(Follow all instructions and make all edits with “Track Changes” turned on. If there are no instructions [orange text] above a subsection, paragraph, sentence, or bullet, then include it in the project. Delete all orange text before preparing the final document. All other modifications to this Section will require ODOT Technical Resource and State Specifications Engineer approval.)

Comply with Section 00504 of the Standard Specifications: modified as follows:

00504.42(a) PPC, MPCO, and Membrane Installations – Replace this subsection with the following:

00504.42(a) PPC, MPCO, Deck Seal, and Membrane Installations - Prepare all surfaces that are to be in contact with the membrane, deck seal or overlay, including vertical contact areas, as follows:

- Clean the entire surface by shot-blasting within 24 hours of placing the membrane or overlay.
- Sweep the area magnetically to remove metal residue.
- Blow clean the surfaces with compressed air.
- Immediately after surface preparation is complete cover the prepared deck with clear plastic, overlapping it to prevent contaminants from construction vehicles or other sources from contacting the deck. Maintain the covering until PPC, MPCO, deck seal or membrane installation.
- If the prepared surface becomes contaminated by spills, rain, or other contaminant before placing the membrane or overlay, prepare the surface again according to this Subsection.