

SECTION 00536 - INTERNAL SHEAR ANCHORS

(Follow all instructions and make all edits with "Track Changes" turned on. If there are no instructions [purple text] above a subsection, paragraph, sentence, or bullet, then include it in the project. Delete all purple 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 00536 of the Standard Specifications modified as follows:-

00536.03 Submittals - Replace the bullet that begins "Describe the Materials ..." with the following bullet:

- Describe the Materials to be used including the properties of each Material and the Specifications that the Materials comply. Published manufacturer data is acceptable.

0536.01(a) Demonstration - Replace the paragraph that begins "Demonstrate the installation ..." with the following paragraph:

Demonstrate the installation of the internal shear anchors that are installed from the bottom in the presence of the Engineer using the same Materials, Equipment, and installation methods that are used for the final installation. Perform the demonstration according to the following:

Replace the bullet that begins "Insert the anchor rod ..." with the following bullet:

- Insert the anchor rod into the PVC pipe then inject the epoxy resin. Simulate the anchor rod placement conditions including temperature, humidity, geometry, injection pressure, and the method that are used to prevent the epoxy resin from escaping. Measure the quantity of resin injected.

00536.42 Internal Shear Anchors - Top - Replace the bullet that begins "Tie a sponge or rag to ..." with the following bullet:

- Tie a sponge or rag to a section of scrap rebar. Test the drilled hole for standing water and debris by touching the bottom of hole with the sponge or rag. Repeat vacuuming until no evidence of water or debris is observed on the sponge or rag.

Replace the bullet that begins "Repair the deck with a PCC ..." with the following bullet:

- Repair the deck with a PCC repair material. Remove all loose material according to the manufacturer's recommendations for patch preparation. Apply a patched surface finish that matches the appearance of adjacent deck sections.

00536.90 Payment - Replace the paragraph that begins "Payment will be payment ..." with the following paragraph:

Payment will be payment in full for furnishing and placing all Materials, and for providing all Equipment, labor, and Incidentals necessary to complete the Work as specified.