

SECTION 00535 - POST-INSTALLED ANCHOR SYSTEMS

(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 00535 of the Standard Specifications modified as follows:

00535.01 Required Submittals - Add the following to the end of the subsection:

Submit the anchor system manufacturer's installation instructions at least 21 Calendar Days before installation.

00535.40 Construction - Replace the paragraph that begins “Install the anchor system according ...” with the following paragraph:

Install the anchor system according to the manufacturer's installation instructions and to the embedment depths shown.

00535.40(a) General - Replace the paragraph that begins “Clean holes with a nonmetallic...” with the following paragraph:

Drill and clean holes according to the manufacturer’s installation instructions. Protect drilled and cleaned holes from contamination. If a drilled hole becomes contaminated, as determined by the Engineer, re-clean the hole.

Add the following subsection:

00535.45(c) Anchor Test Summary - Test the installed anchors according to Table 00535-2 and Section 00165.

(Fill in anchor information and test requirements. At minimum, consider specifying a demonstration test to confirm epoxy resin lot quality and for Contractor to practice anchor installation. Add or delete rows in the table as necessary to list all applicable anchor systems.)

Table 00535-2

Str. #	Sheet #	Anchor System (Mech/ Resin)	Anchor Type (bolt/ rebar)	Anchor Size	Anchor Grade	Anchor Sustained Tension (yes/no)	Demo. Test (yes/no)	Prod. Test (yes/no)

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Replace anchors that fail at no additional cost to the Agency.