

## SECTION 00490 - WORK ON EXISTING SEWERS AND STRUCTURES

*(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 00490 of the Standard Specifications modified as follows:

**00490.10 Materials** - Add the following to the end of this subsection:

Portland Cement Concrete Repair Materials.....02015.20

**00490.11 High Early Strength Concrete** - Replace this subsection, except for the subsection number and title, with the following:

Furnish high early strength concrete meeting one of the following requirements:

- Commercial Grade Concrete designed to achieve high early strength utilizing accelerating admixture from 02040.10, Type III cement from Section 02010, or rapid setting cement from Section 02011.
- A Portland cement concrete repair material from 02015.20, rapid setting or very rapid setting.

*(Use the following subsection .44 when filling abandoned pipes, manholes and catch basins.)*

**00490.44 Filling Abandoned Pipes, Manholes and Catch Basins** - Replace this subsection, except for the subsection number and title, with the following:

Cap or plug all connecting pipes to manholes and catch basins that are scheduled to be abandoned. Remove the manhole cone or flat top and manhole sections, or the catch basin frame, to a minimum depth of 3 feet below finish grade and fill the remaining manhole barrel or catch basin with Granular Material meeting the requirements of 02630.10. Compact the Granular Material to 90 percent of maximum density according to AASHTO T 99. When in landscaped or unimproved Roadway sections, backfill with approved Materials meeting the requirements of 00330.13. Place Topsoil meeting the requirements of 00330.11 for the last 1 foot of backfill.