

SECTION 00442 - CONTROLLED LOW STRENGTH MATERIALS

(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 00442 of the Standard Specifications modified as follows:

00442.01 Definition - Replace this subsection, except for the subsection number and title, with the following:

Controlled low-strength material is highly flowable lean concrete mix; that may contain cement, supplementary cementitious material, Fine Aggregates, water and chemical admixtures, if necessary.

00442.10 Materials - Replace this subsection, except for the subsection number and title, with the following:

Furnish Materials meeting the following requirements:

Cement.....	02010
Chemical Admixtures	02040
Supplementary Cementitious Materials.....	02030
Water.....	02020

00442.12 Proportioning of CLSM Mixture - Replace this subsection, with the following subsection:

00442.12 Submittals - Provide the following, to the Engineer, prior to using any CLSM on the Project:

- Proposed mix design proportions by weight and volume.
- 28-Day compressive strength test reports from trial batch or field data.

00442.13 Compressive Strength - Replace this subsection, except for the subsection number and title, with the following:

Furnish CLSM attaining a 28-Day compressive strength of 100 psi - 200 psi.

00442.14 Acceptance - Replace this subsection, except for the subsection number and title, with the following:

Acceptance ~~will be~~ is based on the Engineer’s review and approval of the documentation required by 00442.12, and visual inspection during placement.

