

SECTION 00446 - TRENCH DRAINS

(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.)

(Use the following lead-in paragraph when none of the following subsections are included in the Project.)

Comply with Section 00446 of the Standard Specifications.

(Use the following lead-in paragraph when any of the following subsections are included in the Project.)

Comply with Section 00446 of the Standard Specifications modified as follows:

(Use the following subsection .01 when Type 2 or 3 Trench Drains are required. Type 3 Trench Drains are used when any part of the drain is constructed in a walkway, shared use path, pedestrian circulation zone or pedestrian access route.)

00446.01 Definitions – Replace this subsection, except for the subsection number and title, with the following: ~~Replace the sentence that begins “Type 2 Trench Drain...” with the following sentence:~~

Type 1 Trench Drain - A trench drain installation where any part is constructed in a Traveled Way.

Type 2 Trench Drain - A trench drain installation that is constructed in a paved Shoulder and not within a Pedestrian Accessible Route.

~~Add the following paragraph to the end of the subsection:~~

Type 3 Trench Drain - A trench drain installation ~~in which~~ where any part is constructed in a walkway, shared use path, pedestrian circulation zone or ~~p~~ Pedestrian ~~a~~ Accessible ~~R~~ Route ~~as defined in 00759.02.~~

(Use the following subsection .11 when Type 3 Trench Drains are required.)

00446.11 Trench Drains - Add the following paragraph to the end of the subsection:

~~Provide~~ Furnish the following Type 3 Trench Drains:

- PolyDrain – PD04, manufactured by ABT, Inc.

P.O. Box 837, 259 Murdock Road
Troutman, NC 28166
(704) 528-9806

~~(Use the following subsection .12 when Type 3 Trench Drains are required.)~~

00446.12 Frames and Grates — Replace the paragraph that begins "Provide Americans with Disabilities Act..." with the following paragraph:

Furnish Type 3 Trench Drains that comply with Americans with Disabilities Act requirements. Where grates are placed within the designated Pedestrian Accessible Route, provide grates without an opening that permits a 1/2 inch diameter sphere to pass through in any direction.

~~(Use the following subsection paragraphs and bullets .12 when Type 3 Trench Drains are required.)~~

Replace the sentence that begins "Provide Americans with Disabilities Act..."

~~Provide~~ Furnish Type 3 Trench Drains that comply with American with Disabilities Act requirements. Where grates are placed within the designated Pedestrian Accessible Route, provide grates without any opening that permits a 1/2-inch diameter sphere to pass through in any direction.

Add the following paragraph to the end of this subsection:

~~Provide~~ Furnish the following Type 3 Trench Drain grates:

- Ductile Iron ADA Heel Proof Slotted Grate, 2506, manufactured by ABT, Inc.
P.O. Box 837, 259 Murdock Road
Troutman, NC 28166
(704) 528-9806

00446.90 Payment - Replace this subsection, except for the subsection number and title, with the following:

The accepted quantities of trench drains will be paid for at the Contract unit price, per foot, for the item "Trench Drain, Type _____".

The type of trench drain is inserted in the blank.

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.