

SECTION 02415 - PLASTIC PIPE

(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 02415 of the Standard Specifications modified as follows:

02415.20 Solid-Wall Polyethylene Pipe – Replace the bullet that begins "Production code from which ..." with the following bullet:

- Production code where the date and place of manufacture can be determined

02415.30 Steel Reinforced Polyethylene Pipe – Replace the paragraph that begins "For Steel Reinforced Polyethylene..." with the following paragraph:

For Steel Reinforced Polyethylene Pipe, furnish either factory installed gaskets on the couplings or manufacturer installed gaskets on the pipes. Furnish at least silt tight joints for culvert pipe and water tight joints for storm sewer pipe. Furnish watertight joints from the QPL and meeting the requirements of ASTM D3212.

02415.40 Polypropylene Pipe – Replace this subsection, except for the subsection number and title, with the following:

Furnish polypropylene pipe and fittings as follows:

(a) Non-Pressure Storm Sewers and Culverts - Furnish polypropylene pipe and fittings for non-pressure storm sewers and culverts from the QPL and meeting the following requirements:

Dual Wall Pipe ASTM F2764, ASTM F2881,
or AASHTO M 330 Type S
Triple Wall Pipe ASTM F2764 or AASHTO M 330 Type D
Watertight Joints ASTM D3212

(b) Non-Pressure Sanitary Sewers - Furnish polypropylene pipe and fittings for non-pressure sanitary sewers from the QPL and meeting the following requirements:

Dual Wall Pipe ASTM F2764
Triple Wall Pipe ASTM F2764
Watertight Joints ASTM D3212

02415.50 Polyvinyl Chloride Pipe - Replace the paragraph that begins "Furnish PVC sanitary, storm..." with the following paragraph:

Furnish PVC sanitary, storm, culvert, siphon, and irrigation pipe and fittings with 2 feet or more cover that have a minimum pipe stiffness of 46 psi or a minimum SDR of 35 and meet the requirements of sewer pipe ASTM D3034 or ASTM F794.

02415.80 Acceptance - Replace this subsection, except for the subsection number and title, with the following:

Acceptance of Polyethylene Pipe, polypropylene pipe, polyvinyl chloride pipe and hardware is according to 00165.35 and this Section.