

MEMORANDUM

TO: Eric J. Martin, P.E., Public Works Director
VIA: David Jurgens, Utilities Director
FROM: Ed West, P.E., Engineer III
DATE: April 10, 2014
RE: **Public Facilities Manual Changes**
Volume III, Division 34.02, Force Main and Gravity Sewers

RECOMMENDATION

Please consider the following as a Development Advisory revising Division 34, Section 34.02 to read:

A. Gravity Sewer:

1. PVC Solid Wall Sewer Pipe: Shall conform to the current version of the “Hampton Roads Planning District Commission Standards Section 200, V.5.11.B. Polyvinyl Chloride (PVC) Non-Pressure Pipe.”
2. Polyvinyl Chloride (PVC) Pressure Pipe: Shall conform to the current version of the “Hampton Roads Planning District Commission Standards Section 200, V.5.11.C. Polyvinyl Chloride (PVC) Pressure Pipe.”
3. Ductile Iron Pipe for Gravity Sewers: Shall conform to the current version of the “Hampton Roads Planning District Commission Standards Section 200, V.5.11.A. Ductile Iron Pipe.” In paragraph V.5.11.A.7, delete reference to cement lining.

B. Force Main:

1. Ductile Iron Pipe, Fittings and Accessories: Shall conform to the current version of the “Hampton Roads Planning District Commission Standards Section 200, V.5.10.A. Ductile Iron (DI) Pipe.” In paragraph V.5.10.A.8, delete reference to cement lining.
2. Polyvinyl Chloride (PVC) Pressure Pipe: Shall conform to the current version of the “Hampton Roads Planning District Commission Standards Section 200, V.5.10.B. Polyvinyl Chloride (PVC) Pipe.”

Remove or strike through references to ABS Composite Pipe, PVC Composite Pipe, and ABS Solid Wall Sewer Pipe.

BACKGROUND

Public Utilities has approved sewer pipe materials pursuant to the HRPDC Standards replacing the appropriate sections of the City’s PFM. These changes are accepted regionally and designed to meet current SCAT regulations. The Development Advisory is issued as interim guidance, pending update of Volume III of the Public Facilities Manual.

BUDGET IMPACT

These materials experience fewer failures over time and so will reduce the Utility's long term maintenance cost.

TEW/kwh

CC: Jay B. Tate, P.E., Development and Permits Director
Theodore F. Garty, P.E., Water & Wastewater Administrator
Karen Harrell, Engineering Technical Supervisor
Ed West, P.E., Engineer III