

Project Descriptions for February 7, 2018

Board of Trustees Meeting

Clean Water Commitments

Hanson CW-18-01

Community Septic Management Program

Norton CW-18-02

Community Septic Management Program

Clean Water Agreements

Hanson CW-18-01

Community Septic Management Program

Norton CWT-18-02

Community Septic Management Program

Revere CWP-15-29-A

The Comprehensive Infrastructure Improvements Program is part of Revere's on-going effort to comply with the 2010 Consent Decree. Each year this project will include the installation of cured-in-place pipe (CIPP) lining, sewer spot repairs, sewer replacements, new sewer lines, pump station and sewer cleaning, wastewater and stormwater pump station improvements and rehabilitation, drainage improvements, and additional wastewater metering. Additionally, depth sensors (Smart Covers) may be installed at key wastewater to monitor potential sanitary sewer overflow (SSO) locations and take proactive corrective action. Additional flow meters may also be installed. The work locations and activities for this construction season will be based on the most current cumulative SSES and system operational data.

Revere CWP-16-18

The continuation of this program is essential for the City to meet their goals and comply with the Consent Decree. There are a significant number of illicit sump pump, roof drain, roof leader, driveway drain, yard drain, etc. connections from private homes and businesses that must be removed from the sanitary sewer system in order to remove inflow and increase the wastewater capacity of the City's sewer system. These contracts become the mechanism to remove inflow.

Drinking Water Agreement

Fall River DWP-17-08

The Phase 17 water main improvements include the rehabilitation or replacement of approximately 16,100 linear feet of cast iron water mains and 30 lead services. A priority of the SRF program is prevention of a potential serious health threat to a major system component. The cast iron mains are severely deteriorated and need to be replaced to ensure adequate flow and capacity for supply and fire protection. Replacement of lead service connections addresses the critical health threat presented by lead in drinking water. The adverse health effects of lead exposure in children and adults are well documented, and no safe blood level threshold in children has been established. Lead exposure causes neurological and cognitive impairments in children and fetuses and can cause high blood pressure and kidney problems in adults. This project will prevent a serious problem in the distribution system and will provide safe and reliable drinking water to customers of the City of Fall River.