Water and Sewer Construction Projects Update

Post Date: May 6, 2020

The Water and Sewer Commission is pleased to provide you with information on several projects that we are currently working on around Marblehead that involve our essential critical infrastructure in the water and wastewater sectors and that provide a vital public health and safety service.

The Commission would like to thank everyone for their efforts to contain and minimize the spread of the COVID-19 virus. We are dedicated to working with you to ensure the safety of the water workforce and the continued operations of water and wastewater services in support of our nation’s public health and safety.

If you have any questions, please do not hesitate to email them to Water@Marblehead.org or call the Water and Sewer Commission office at 781 631-0102.

Project: Village Street Water Tank Removal

The water tank located on Tower Way (off Village Street), a Marblehead landmark since it was constructed in 1924, is scheduled for demolition. The Water and Sewer Commission had an engineering study done to determine the best way to deal with the tank, which is nearing the end of its useful life. The results of this study concluded that the tank was no longer needed and should be removed.

Marblehead’s emergency communications system and the Water and Sewer Commission’s supervisory control and data acquisition antennas are presently located on the top of the tank. A monopole will be installed at the same location to accommodate the antennas, which are a critical part of the Town’s infrastructure.

**Phase 1: Installation of monopole**
Work on Phase 1 of the project, the installation of the monopole, began in April, 2020, with the pouring of the cement base. The erection of the monopole is set for May 7, 2020, weather permitting. There will be limited or no access to Tower way from 8 am to 1 pm May 7, 2020.

**Phase 2: Tank Removal**
A request for bids on a contract for the removal of the water tank will be advertised and the Bid Documents are expected to be available starting July 1, 2020.
**Project: Tedesco Street Area Water Main Upgrade Project**

This project consists of the cleaning and lining of approximately 5,700 linear feet of water main in the Tedesco Street area as well as the removal and/or installation of water gate valves, hydrants and other appurtenances. The project will also involve the replacement of approximately 950 linear feet of water main on Wyman Road.

This work is critical to maintaining the water infrastructure in that area of Town.

**Phase 1: Leggs Hill Road to approximately the Swampscott town line**

Phase 1 of the Tedesco Street Area project began on April 13, 2020. This Phase will include work being done from Leggs Hill Road to near the Swampscott town line and is expected to take about 12 weeks to complete.

**Phase 2: Maple Street to Leggs Hill Road and Wyman Road**

Cleaning and lining of the water mains on Tedesco Street from Maple Street to Leggs Hill Road and the replacement of the water main on Wyman Road is tentatively scheduled to begin with bypass piping installation the week of May 25.

If you live on Tedesco Street or Wyman Road please send your email contact and a phone number to Water@marblehead.org. The water department will be able to notify you easily of scheduling for putting your home on the temporary water bypass and send construction updates.

**Project: Sargent Road Sewer Pump Station Upgrades**

Several improvements will be made to the sewer pump station located on Sargent Road. Work on this project began on April 22 and will continue intermittently for several months.

**Exterior work to be done on the station includes:**

- Removal of an underground tank. (completed.)
- Additional Access to Wet Well
- New bypass system
- Replacement of the membrane roof system.
- Replacement of all exterior windows and doors.
- Installation of five-foot high removable flood panels on doors to protect from storm surge.
- Replacement of the fence around the perimeter of the station.

**Interior upgrades being done include:**

- Upgrades to the alarm and monitoring systems.
- Replacement of pumps #1 and #2, including shafts, discharge piping, and motors.
- Replacement of all electrical wiring, conduits, lights, fixtures, and switches.
- Replacement of the 60 kw generator and motor.
**Other Projects Planned With No Start Date Scheduled**

**Project: Basset Street, Nicholson Street, and Summer Street Water Main Upgrade**

The water mains on Summer Street, Basset Street, and Nicholson Hill will be replaced and the main on Rockaway Street will be cleaned and lined. The water main valve on Rockaway Street at Pleasant Street will be replaced. The cross country water main that runs between Rockaway Street and Basset Street will be decommissioned (left in place).

**Project: Generator Upgrades**

The emergency generators at the Green Street sewer pumping station and at the water booster station located off Loring Avenue in Salem will be upgraded.