

## **2016 Infiltration Rehabilitation Project**

The Town of Dedham Engineering Department is pleased to announce that the 2016 Infiltration Rehabilitation Project is now complete. The project began in April 2016 and was completed on December 31, 2016. The project was designed to remove an estimated 530,000 gallons of infiltration per day exclusively through trenchless technologies. The project involved the installation of about 32,000 linear feet of cured-in-place pipe (CIPP), about 220 linear feet of short liners, about 116 lateral liners and rehabilitation of about 1,700 vertical feet of sewer manholes, as well as testing and sealing of associated joints and services and manhole and sewer line root treatment. The cost of the project was \$2,076,045.

This work was performed under an on-call service contract with National Water Main & Cleaning Company of Canton, MA.

The design of this project and associated contract bidding and award was performed by the Town of Dedham Engineering Department. In addition, the Engineering Department performed all resident inspection and contract administration in-house.

All repairs performed under this contract were trenchless, meaning that no open cut excavation was required. Trenchless repairs are accomplished by inserting specialized equipment and liner materials into the sewer pipes through existing manhole access points.

This project is a continuation of the ongoing Inflow and Infiltration reduction program.

If you have any questions regarding this project please contact the Engineering Department at (781) 751-9350 or [jmammone@dedham-ma.gov](mailto:jmammone@dedham-ma.gov).