

2012 Infiltration Rehabilitation Project

The Town of Dedham Engineering Department is pleased to announce that the 2012 Infiltration Rehabilitation Project is now complete. The project began September 12, 2012 and was completed in July 2013. The project was designed to remove an estimated 57,130 gallons of infiltration per day exclusively through trenchless technologies. The project involved the installation of 8,550 linear feet of cured-in-place pipe (CIPP) and the installation of 209 linear feet of short liners, and rehabilitation of 27 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 \$601,797.

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 will be performing all resident inspection and contract administration in-house.

All repairs to be performed under this contract are trenchless, meaning that no open cut excavation is 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.