

2020 Infiltration Rehabilitation Project

The Town of Dedham Engineering Department is pleased to announce that the 2020 Infiltration Rehabilitation Project is now complete. The project began in May 2020 and was completed on December 31, 2020. The project was designed to remove an estimated 142,000 gallons of infiltration per day exclusively through trenchless technologies. The project involved the installation of about 13,000 linear feet of cured-in-place pipe (CIPP), about 150 linear feet of short liners and rehabilitation of about 1,500 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 approximately \$937,000.

This work was performed under an on-call service contract with National Water Main Cleaning Co. 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 performs all resident inspection and contract administration in-house.

All repairs 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.