

## **2009 Infiltration Rehabilitation Project**

The Town of Dedham Engineering Department is pleased to announce that the 2009 Infiltration Rehabilitation Project is now complete. The project began August 31, 2009 and was completed in June 2010. The project was designed to remove an estimated 340,000 gallons of infiltration per day exclusively through trenchless technologies. The project involved the installation of 15,768 linear feet of cured-in-place pipe (CIPP), installation of 226 linear feet of short liners, and rehabilitation of 1,077 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 \$956,311.

This work was performed under an on-call service contract with Green Mountain Pipeline Services of Bethel, Vermont.

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 was a continuation of the overall Inflow and Infiltration reduction program currently underway.