

# Pipe Bursting of New England<sup>SM</sup>

*The Cost Effective Alternative to Open-Cut Pipe Replacement*

## Town of Manchester by the Sea, MA

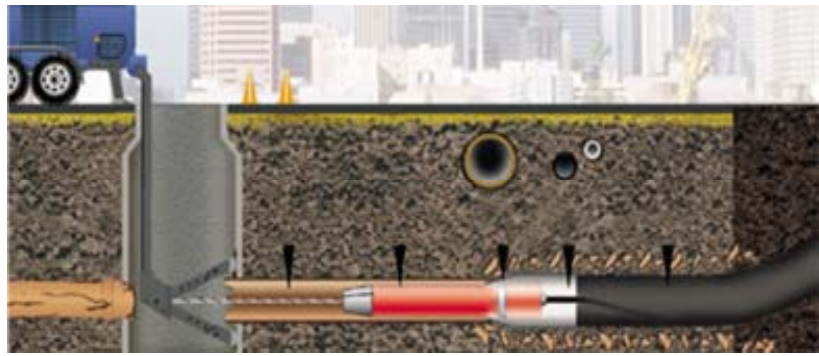
### Project Summary

#### APPLICATION

- Water Distribution Pipeline
- 6" Cast Iron
- Located Under Tidal Inlet

#### SOLUTION

- 140' x 8" DR 11 HDPE
- 1 Installation
- Constructed in 1 Week
- Completed July '06



**The Town of Manchester by the Sea was challenged with replacing 140 feet of cast iron water distribution piping installed in 1905. A unique aspect of the project is that the old pipe was located under a tidal inlet.**

Replacement of the pipeline by the traditional methods would have resulted in significant impacts to the environment, permitting delays and other challenges.

The Town determined that utilization of the pneumatic method of pipe bursting was the most cost effective solution to replace the pipeline. The experience of **Pipe Bursting of New England<sup>SM</sup>** and utilization of uniquely featured equipment provided by TT Technologies, Inc. combined to make the project a success.

This approach to the project resulted in a shorter schedule and less disruption to the public and the environment. The project was completed in one week, much less than the estimated four weeks for traditional excavation and replacement.