

Pipe Bursting of New EnglandSM

The Cost Effective Alternative to Open-Cut Pipe Replacement

The town of Needham was challenged with replacing a short length of 6" cast iron pipe with an 8" ductile iron pipe as part of a water distribution improvement and upsizing project. The pipe ran under an MBTA (Massachusetts Bay Transportation Authority) right of way.

Traditional excavation and replacement of the pipe would have resulted in MBTA permitting issues that would have delayed the start of construction and imposed other challenging limitations on the contractor.

The static method of pipe bursting was selected by the Town as the most reliable and cost effective solution to replace the pipeline. The 6" cast iron pipe was split (or burst) and replaced with an 8" ductile iron TR Flex restrained joint pipe.

The experience of **Pipe Bursting of New EnglandSM** and utilization of uniquely featured equipment provided by TT Technologies, Inc. combined to make the project a success. The project was completed in one day. In addition to a shorter project duration, there was much less disruption to the public than there would have been with

Town of Needham, MA

Project Summary

APPLICATION

- Water Main
- 6" Cast Iron
- Located Under MBTA Right of Way

SOLUTION

- 60' x 8" Ductile Iron Restrained Joint Pipe
- One Installation
- Constructed in One Day
- Completed July '06

