

Pipe Bursting of New EnglandSM

The Cost Effective Alternative to Open-Cut Pipe Replacement



Andover Newton Theological School

Project Summary

APPLICATION

- Sewer Service Lateral
- 6" VCP
- Located Under Trees, Between Houses, Down Steep Slope

SOLUTION

- 170' x 8" HDPE
- One Installation
- Constructed in Two Days
- Completed May '07

The Andover Newton Theological School was challenged with replacing a deteriorated 6" sewer service lateral discharging from the back of an apartment building. The pipe ran under a paved area, down a steep slope, between two houses, beneath trees and gardens, and into a manhole near the street.

Traditional excavation and replacement of the pipe would have resulted in removal of trees and plantings and risk of destabilizing the steep slope & foundations. The disruption to the residents immediately adjacent to the pipe would have been very significant for an extended period of time.



The pneumatic method of pipe bursting, employing a reversible tool that significantly reduced the size of the access pit at the manhole, was selected by **Pipe Bursting of New EnglandSM** as the most reliable and cost effective solution to replace the pipe. The 6" VCP was burst and replaced with an 8" HDPE pipe.

The experience of **Pipe Bursting of New EnglandSM** and utilization of uniquely featured equipment combined to make the project a success. The project was completed in less than two days. In addition to a shorter project duration, there was much less disruption to residents and the public than there would have been with a traditional excavation and replacement.