



The Town of Manchester, Vermont in conjunction with a local developer extended the water system distribution main and the water system service area to allow a private school to be constructed and service extended to three motels. The 3,900 linear feet of 12-inch ductile iron pipe was installed along heavily traveled US Route 11/30 at the base of Bromley Mountain.

The water main final design activities were initiated in January 2004 and completed in February 2004, less than 60 days after notice to proceed. Construction was initiated in Fall 2004.

KEY FEATURES

- Project design and construction period accelerated to meet a private school water supply requirement.
- New connections for three motels, several private and commercial establishments to the municipal water for both domestic use and fire protection .
- Route 11/30 crossing was accomplished by jacking and boring with 24-inch diameter steel casts.
- Construction activities were challenged by heavy commuter, truck and tourist traffic on Route 11/30.