

# WEST ROAD WATER & SEWER IMPROVEMENTS, PHASE II

TOWN OF MANCHESTER, VERMONT



*Engineer Checks Alignment of Major Intersection and Brook Crossing*



*Contractor Installs Water Main Interconnection*

The West Road Reconstruction – Phase 2 project was initiated in July 2011. The project included 3,000 lf of water main replacement, 2,000 lf of sewer main replacements and 2,100 lf of road reconstruction.

The water main improvements were completed in accordance with the recommendation of the 1984 Master Plan and replaced a 4-inch cast iron water main that had been in service since 1894. The sewer main replacement minimized inflow and infiltration by replacing aging clay tile pipe with new PVC pipe.

The road reconstruction was performed from Shepard's Lane to Witherell Lane and included reclaiming the existing pavement, reshaping the road, placement of additional subbase gravels and full width repaving.

The final design was completed within four months of project initiation and construction was completed in 2002.

## KEY FEATURES:

- Multi-utility improvement project to minimize cost and disturbance.
- 3,000 LF of water main replacement.
- 2,000 LF of sewer main replacement.
- Full depth reclamation of 2,100 LF of roadway with road reconstruction.
- Fast project schedule with project completed within 1 year of beginning design.
- Dufresne Group provided final design and construction phase engineering services.