

NORTH MAIN STREET INFRASTRUCTURE REPLACEMENT

CITY OF BARRE, VERMONT



Project Area

The VTrans funded City of Barre North Main Street project has been planned for decades, but was delayed until 2011 due to the major challenges of construction associated with reconstructing roadways and utilities on a State highway in the middle of the City.

Dufresne Group provided design and construction phase services for replacement of the underground utilities. On site Resident Project Representation included night-time work as the contractor operated multiple crews to minimize traffic disruptions and impacts to businesses.

Project Details included:

- Box culvert modifications.
- Replacement of 2,500' of 30" sewer and 700' of 24" sewer, known locally as the Westside Trunkline.
- Replacement of 2,600' of 16" water main with services and fire protection sprinkler lines to all commercial buildings.

KEY FEATURES:

- Complete inventory of water and sewer entrance details for all adjoining buildings.
- Fire protection sprinklers for all commercial properties in the area.
- Abandonment of existing mains with flowable fill.
- Installation of electric conduits in anticipation of the project.
- Construction in the middle of the City's downtown business district on Route 14/302.
- Nighttime construction to minimize impacts to Main Street businesses.