

INFRASTRUCTURE IMPROVEMENTS PROJECT

Winchendon, Massachusetts



Client

Town of Winchendon

Description

Tighe & Bond was retained to provide design and construction services for the reconstruction of Juniper Street (2005), Green and Munroe Streets (2006), and Mechanic Street (2007). The projects include full reconstruction of the roadways including the installation of new 8-inch ductile iron water piping, fire hydrants, water services, 6 and 8-inch PVC sewer piping, 12-inch HDPE storm drainage piping, as well as new curbing, and sidewalks. Construction of Juniper Street was substantially completed in the fall of 2005, Green and Munroe Streets were substantially completed in the fall of 2006, and Mechanic Street was substantially completed in the fall of 2007.

Juniper Street Reconstruction Project: Tighe & Bond provided design and construction phase services for the Juniper Street Reconstruction Project. This project included the complete replacement of the existing utilities and reclamation of the road subbase with a new road surface. The work included 900 feet of new 8" ductile iron water main, 24 new water services, 1,000 feet of replacement sanitary sewer pipe, 1,100 feet of new storm drainage. The work also included roadway reclamation, new pavement structure, fire hydrant replacement, and sidewalk reconstruction. The project was funded by a CDBG grant.

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The projects include the following features:

- Significant existing utility constraints
- Water main connections to existing mains
- Sanitary sewer replacement
- Storm drainage replacement
- Road and sidewalk reconstruction
- CDBG funding

Green & Monroe Streets Reconstruction Project – Tighe & Bond provided design and construction phase services for the Green and Monroe Streets Reconstruction Project. This project included the complete replacement of the existing utilities and reclamation of the road subbase with a new road surface. The work included 300 feet of new 8" ductile iron water main, 8 new water services, 500 feet of replacement sanitary sewer pipe, 900 feet of new storm drainage. The work also included roadway reclamation, new pavement structure, fire hydrant replacement, and sidewalk reconstruction. The project was funded by a CDBG grant.

The projects include the following features:

- Water main connections to existing mains
- Sanitary sewer replacement
- Storm drainage replacement
- Road and sidewalk reconstruction
- CDBG funding

Mechanic Street Reconstruction Project – Tighe & Bond provided design and construction phase services for the Mechanic Street Reconstruction Project. This project included the complete replacement of the existing utilities and reclamation of the road subbase with a new road surface. The work included 800 feet of new 8" ductile iron water main, 12 new water services, 660 feet of replacement sanitary sewer pipe, 330 feet of new storm drainage. The work also included roadway reclamation, new pavement structure, fire hydrant replacement, and sidewalk reconstruction. The project was funded by a CDBG grant.

The projects include the following features:

- Significant existing utility constraints
- Water main connections to existing mains
- Sanitary sewer replacement
- Storm drainage replacement
- Road and sidewalk reconstruction
- CDBG funding