

Williams St at Laurel St Project Description

To: Select Board, Town of Longmeadow
From: Richard Salvatorezza, Project Engineer
Subject: Williams St. at Laurel St. Project Description
Date: 04/21/2021

Project Description

The project consists of making alterations to the components within the existing above ground regulator cabinet, installing protection to critical components buried adjacent to the station, and installing an additional above ground cabinet to provide SCADA (Supervisory Control and Data Acquisition) capabilities. These improvements will enhance operational safety of this facility and of Eversource's gas distribution system in Longmeadow.

Construction duration is expected to last no more than 5 days.

Construction Details

This project includes the following work activities:

- Excavation, shoring, hauling and moving pipe
- Separation of asphalt, concrete, rock and debris from excavated materials
- Disposal of asphalt
- Removal and transportation of excess soils from the work site
- Dust control
- Installation, maintenance and removal of erosion control barriers and silt fence as required in construction areas
- Installation of all steel pipe, fittings, tees, valves, insulators
- Welding pipe, fittings, valves, transitions and elbows
- Pipe coating of welds and fittings
- Pressure testing of the pipeline
- Purging the new main into service
- Backfill of trenches
- Restoration and cleanup of construction site and staging areas
- Loom and seeding

Equipment Details

Eversource will hire a contractor to complete this project. The contractor will use the equipment shown below. Additional crews may work concurrently and the listed equipment and machinery may be used for only a portion of the project.

- Flatbed Truck – used for transport of equipment or materials to and from the work site
- Lowboy - used for transport of equipment to and from the work site
- Air Compressor Trailer – used to support construction tooling and equipment
- Backhoe – used for excavation of the trench
- Dump Truck – used to transport spoil or fill
- Excavator – used for excavation of the trench
- Tanker Truck – used to support fuel for vehicles or water for dust control
- Generator Trailer – used to support construction tooling and equipment
- Hydro / Vacuum Excavation Truck – used for excavation of the trench in close proximity to utilities
- Pick-Up Truck or Van – transport workers and supervisors to and from the work site
- Box Truck – transport workers and equipment or materials to and from the work site
- Road Saw – used to saw cut the asphalt for the trench excavation
- Welding Rig – used to support the welding of pipe

Restoration Details

Restoration will be completed to the Town of Longmeadow's requirements. The lawn area disturbed will receive a minimum of 4" of loam and grass seed.