

PROJECT DESCRIPTION

Background:

In an effort to update their utilities, the applicant (Town of Scituate) is hoping to replace a number of existing water mains that are out of date and transfer water services to new water mains.

Site Description:

The work area is within roadway in Scituate. Work will primarily take place in residential areas.

Work Description:

The project consists of the replacement of approximately 12,000 linear feet of 2" and 6" water main on the following streets:

- Bonnie Briar Circle
- Bradford Avenue
- Brown Road
- Cedarwood Road
- Chittenden Road
- Claymore Terrace
- Cricket Circle
- Drew Place
- Fairview Avenue
- Foam Road
- Greenfield Terrace
- Hornbeam Road
- Jericho Lane
- Lantern Lane
- Pine Brook Lane
- Rainbow Court
- Sassamon Road
- Studley Royal Road
- Utility Road
- Westgate Lane
- Wood Avenue
- Young's Lane

The water main replacement work will include the average excavation of approximately 5-feet wide by 6-feet deep trenching. The old water main will be abandoned in place, with the new water main placed adjacent to the old water main, where possible. Otherwise, the old water main will be removed, with the new water main placed in the same location. Soil excavated from the trench will be stockpiled adjacent to the trench until the new pipe has been put in place. Immediately after installation of the new water main, the trench will be backfilled with suitable backfill material. An average of 160 feet of pipeline is expected to be installed per day. At the end of each week, the trench will be paved with temporary pavement or plated with steel trench plates. All water services from main to curb stop will be replaced and installed on the new water main. The replacement of the water mains will

also include all appropriate valves, hydrants, and appurtenances. The proposed work will commence in Summer 2020. Water main construction will be substantially complete with temporary paving in Fall 2020, and permanent paving operations will occur the following spring after the water main replacement project has been completed.

Environmental Considerations:

This work is deemed exempt from a Notice of Intent submittal under 310 CMR 10.02(2)(b)(2)(i) - Installation of underground utilities (e.g., electric, gas, water) within existing paved or unpaved roadways and private roadways/driveways, provided that all work is conducted within the roadway or driveway and that all trenches are closed at the completion of each workday.

Work is occurring only within buffer zones of wetland resource areas. No resource areas will be directly affected as part of this work. Compost filter tubes will be used where necessary to protect resource areas from any impact.

We were notified via email on 4/13/2020 that no wetland delineation memorandum would be required as part of this project. Instead of a complete delineation, the MassDEP Wetlands Layer was included on the plans and was field verified by a Certified Wetland Scientist(see Appendix C for the wetlands review memorandum). Appropriate buffer lines were also added on the attached plans.