



CONSTRUCTION OF ROUTE 1 / LAFAYETTE ROAD SEWER PROJECT

DATE: August 11, 2021

SCOPE OF WORK: Installation of approximately 18,000 linear feet of sewer mains in the roadways of Bayberry Lane, Jak-Len Drive, Lafayette Road / State Highway Route 1, and portions of Main Street, Rabbit Road and Toll Road. Lafayette Road / Route 1, Main Street, and Toll Road are all Massachusetts Department of Transportation maintained roadways. Approximately 180 linear feet of the gravity sewer shall be installed via horizontal directional drilling at the existing bridge above Smallpox Brook on Lafayette Road / Route 1.

The project also includes the construction of three (3) new sewer pump stations. Two (2) submersible pump stations are located on Bayberry Lane and Jak-Len Drive. The third pump station is a flooded suction, dry pit pump station at 63 Lafayette Road / Route 1. The dry pit side shall be a custom prefabricated coated steel structure with pumps, process piping, control panel and all other appurtenances installed by the manufacturer. An 8" forcemain shall tie the pump station on Lafayette Road / Route 1 into the existing municipal sewer system.

PROJECT DESIGN: WESTON & SAMPSON ENGINEERS

CONTRACTOR: ALBANESE BROTHERS, INC.

EXPECTED COMPLETION DATE: SEPTEMBER 2022

RESIDENT ENGINEER: ERIC DOE, P.E.

CURRENT STATUS: Installation of mainline sewer has continued northbound on Route 1. Progress will be determined by subsurface conditions and groundwater table elevations.

Tomorrow, there will be a temporary shutdown of the water main to allow for safe construction practices as the sewer main is installed underneath the existing water main. Residents whom are expected to be without water service have been notified via the Town's RedAlert digital system, as well as with a physical notice placed at their front door. The streets in effect are Collins Street, Route 1 from Pike Street to the Seabrook border and Brooks Street.

As installation of the sewer main advances through the Route 1 / Pike Street intersection, the expected temporary traffic management plan will involve detouring northbound Route 1 traffic up Toll Road to Main Street. Residents of Pike Street should exit / enter Pike Street from the Toll Road intersection. All through traffic on Pike Street from Toll Road to Route 1 will be detoured.

Construction of the sewer main will continue northbound to the New Hampshire border before the crew expects to mobilize back south and progress southbound from the Salisbury Elementary School to Schoolhouse Lane.



A second construction crew continues to install individual sewer services from the mainline to property edges. This crew currently is working on Jak-Len Drive to install sewer services soon. Progress will be determined by subsurface conditions and groundwater table elevations.

A third construction crew has been installing portions of the pump stations at the Route 1 site near True Road, Bayberry Lane and Jak-Len Drive.

The drilling rig continues to pre-drill ledge on Route 1 in the vicinity between Allen Drive and Gerrish Road in anticipation of ledge blasting in this area to facilitate the installation of sewer pipe.

UPCOMING WORK ACTIVITIES: At this time, it is expected that the mainline sewer pipe construction crew will resume the installation of mainline sewer pipe on Route 1 and continue progressing northbound.

MassDOT recently approved the required permit for sewer to be installed underneath the small bridge over Smallpox Brook on Route 1. This work needs to next be scheduled with the subcontractor who specializes in such installations underneath important structures. As a result of this work, it is expected that traffic through this area will be reduced to one lane for a day or two – similar to how traffic is being managed in the area currently around the drill rig currently stationed on Route 1.

Continued drilling operations are expected continue in Route 1 for a few more days. When complete, the driller will mobilize to the site of the pump station on Route 1 at True Road and work here to pre-drill the bedrock for a couple of weeks.

At this time, it is expected that in the late fall of 2021, when MassDOT halts all construction projects for the winter season, construction of the main line sewer will shift to and resume on Jak-Len Drive.

Additional pipe installation work on Main Street may take place later on in 2021 at the intersection of Toll Road.