



## CONSTRUCTION OF ROUTE 1 / LAFAYETTE ROAD SEWER PROJECT

DATE: September 8, 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 the mainline sewer has been completed on Route 1 in the northbound direction. Additionally, short segments of sewer pipe have been installed outwards from the Pike Street intersection into both Pike Street and Collins Street to facilitate any future sewer expansion onto either of these streets.

The existing 6" water main from this intersection which travels north along Route 1 will be upgraded to an 8" water main. The new 8" ductile iron water main has been installed, with a new hydrant at the northern end of the upgrade. Additionally, new gate valves have been installed to allow for better control of water and more effective management of the water system.

Residents who experienced the water service disruption as a result of these construction projects the past couple months will have one additional water disruption after the new water main has been tested and chlorinated. This last shutdown is expected to be similar to the previous two shutdowns, which began early in the morning and was completed as quickly as possible.

Residents can expect to be 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.



A second construction crew has been installing individual sewer service connections from the mainline to property lines. This will continue on at the northern end of Route 1 from the New Hampshire border to Pine Street for the next few weeks.

**UPCOMING WORK ACTIVITIES:** Beginning at the end of this week, the main construction crew expects to mobilize all equipment southbound and begin to install sewer main in the area south of Allen Drive.

The excavation in this area of high bedrock will require blasting. Blasting is expected to begin on Monday, September 13. Blasting will continue to be employed in the excavation of the bedrock as required. It is expected at this time, that blasting will be required from Allen Drive to Gerrish Road, with some blasting required at the beginning of True Road as well.

It is recommended to residents in these blasting areas that precautions be made into the home to secure fragile items which may be on shelves or hanging on walls. Vibrations from the blasting can sometimes cause these items to become free and fall.

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.

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.