



## CONSTRUCTION OF ROUTE 1 / LAFAYETTE ROAD SEWER PROJECT

DATE: August 25, 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 is continuing northbound on Route 1. Construction of the sewer main will continue northbound to the New Hampshire border before the crew expects to mobilize back south to the Pike Street & Route 1 intersection to install short segments of sewer pipe from the intersection outwards on both Pike Street and Collins Street. Additionally, the existing 6" water main from this intersection which travels north along Route 1 will be upgraded to an 8" water main. Progress will be determined by subsurface conditions and groundwater table elevations.

When these work items are complete, the main construction crew expects to mobilize southbound and begin to install sewer main from the Salisbury Elementary School to Schoolhouse Lane.

Residents who experienced the water service disruption earlier this month will have additional water disruption(s) when the new 8" water main is tied into the system. At this time, it is expected to be another day similar to the first shutdown, which lasted much of a single work day. 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 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.

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.