



## CONSTRUCTION OF ROUTE 1 / LAFAYETTE ROAD SEWER PROJECT

DATE: November 3, 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 continues in the area in between Gerrish Road and Schoolhouse Lane. There is expected to be less bedrock in this area but blasting or hammering of the bedrock may be required locally.

A second construction crew is installing individual sewer service connections from the mainline to property lines. This crew is expected to follow the mainline sewer crew and install services in the current blasting area. In this area, the native bedrock is prominent and requires extensive blasting to carve a channel for the sewer pipe to reside within. Residents between the School and Gerrish Road should expect a few more weeks of continued blasting efforts as the sewer services are installed.

The Contractor will also be performing some pre-winter shutdown activities in the next couple weeks such as shimming of pavement at select sunken locations, removal of equipment and parts from the roadway, and general cleanup of the work site.



**UPCOMING WORK ACTIVITIES:** It is expected that for the next week the Contractor shall continue the installation of sewer main from the Rail Trail Bridge to Schoolhouse Lane. After the mainline is completed in this area, the work is expected to resume on Jak-Len Drive towards Toll Road.

The sewer service installation crew shall continue construction in the area south of the Elementary School, where bedrock was found to be very prominent. Blasting efforts are expected to continue in this same area for another couple weeks minimum. The progress of the sewer service installations will be governed by the volume of bedrock to remove at each service.

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.

**DOWN THE ROAD:** MassDOT has 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. When this installation occurs, a temporary traffic management plan will reduce the width of the existing travel lanes to a minimum to allow for continuous flow of two way traffic during the construction. At this time, the subcontractor is unable to perform this work for another few weeks based on their schedule and this work is expected to take place in spring 2022.

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. Work is also expected to take place at the pump station sites on Jak-Len Drive, Bayberry Lane and the Route 1 pump station site during the winter.

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

Final paving for the Route 1 Sewer Project is anticipated to occur in the spring/summer of 2022.