



## CONSTRUCTION OF ROUTE 1 / LAFAYETTE ROAD SEWER PROJECT

DATE: December 16, 2020

**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:** AUGUST 2022

**RESIDENT ENGINEER:** ERIC DOE, P.E.

**BUDGET:** \$12.4 MILLION

**CURRENT STATUS:** Sewer installation work has ended for the duration of 2020 on Lafayette Road / Route 1. Construction activities are not expected resume on Lafayette Road / Route 1 until April 2021.

The drilling crew is continuing to prepare sections of the Lafayette Road / Route 1 roadway where high bedrock was encountered for blasting. The drilling crew will be working on Lafayette Road / Route 1 from Schoolhouse Lane to Allen Drive. No blasting itself will occur until 2021.

The sewer installation crew has been installing sewer pipe on Bayberry Lane since moving away from Lafayette Road / Route 1. The sewer main has been approximately 75% installed. Construction of the sewer services from the sewer main to each property line will still need to take place in 2021.

**UPCOMING WORK ACTIVITIES:** Installation of sewer main on Bayberry Lane is expected to continue until December 18, weather dependent. From December 21 to the New Year, there will be a holiday shutdown period where no construction activity will occur.



Whether construction takes place in the first quarter of 2021 will depend on the weather. If the winter is mild, then construction will likely continue. If low temperatures and precipitation events are typical, then construction will likely be paused until conditions improve.

If the weather is agreeable, possible construction activities which could take place in January, February and/or March 2021 include the following:

- Finishing the sewer pipe installation on Bayberry Lane,
- Beginning the construction of the sewer pump station at the cul-de-sac at the end of Bayberry Lane,
- Beginning sewer pipe installation on Jak-Len Drive,
- Beginning the construction of the sewer pump station at the bottom end of Jak-Len Drive.

It is expected that the drilling crew will end operations on Lafayette Road / Route 1 at the end of this week for the duration of 2020. Any continued drilling operations are expected to not resume until April 2021.

Sewer installation work on Lafayette Road / Route 1 will resume in April 2021. Additional work on Main Street may take place in 2021.