



## CONSTRUCTION OF ROUTE 1 / LAFAYETTE ROAD SEWER PROJECT

DATE: November 20, 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:** In a change of plans from the previous construction update, sewer construction is expected to continue on Lafayette Road / Route 1 until just November 24, when activity will then cease for the winter season. All open trenches will be covered with temporary pavement for the winter. Areas which have settled slightly along the project area will be restored to proper grade as well.

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.

Construction equipment will begin transitioning from Lafayette Road / Route 1 to Bayberry Lane.

**UPCOMING WORK ACTIVITIES:** Pre-construction activities will begin on Bayberry Lane beginning Monday, November 23 such as the installation of environmental protection and the placement of construction equipment along the roadway shoulders.



However, excavation and installation of sewer main in Bayberry Lane will not begin until Monday, November 30. Installation of sewer main on Bayberry Lane is expected to continue until December 18. The pace of construction will be determined by subsurface conditions. If production rates of sewer installation are quick on Bayberry Lane, construction activities could begin on Jak-Len Drive in late December/early January.

From December 21 to the New Year, there will be a holiday shutdown period.

Whether construction takes place in January 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 of the sewer main will likely be paused until conditions improve. The construction of the pump station at the end of Bayberry Lane may begin when construction of the sewer main is paused.

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