

CONSTRUCTION OF ROUTE 1 / LAFAYETTE ROAD SEWER PROJECT

DATE: June 16, 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: AUGUST 2022

RESIDENT ENGINEER: ERIC DOE, P.E.

CURRENT STATUS: Installation of mainline sewer has been paused northbound on Route 1 due to shortages of materials as being experienced widely in the current economy. As such, both construction crews have been installing sewer services on Lafayette Road / Route 1.

It is anticipated that the required materials will arrive onsite shortly, which will allow the mainline sewer pipe to continue to install mainline sewer piping northbound on Route 1 again.

Sheeting was recently driven at the Bayberry Lane pump station site and is currently being driven into the ground at the Jak-Len Drive pump station. This sheeting supports the earth around the excavation and facilitates the installation of the proposed pump stations.

UPCOMING WORK ACTIVITIES: The installation of service piping from the installed sewer mains to each property line will continue on Lafayette Road. If all services are installed on Lafayette Road along the area where mainline sewer pipe has been installed, the installation of services will shift over to Jak-Len Drive until the time where services can be continued on Lafayette Road. Progress will be determined by subsurface conditions and groundwater table elevations.



At this time, it is expected that the mainline sewer pipe construction crew will begin installing pipe northbound on Route 1 early next week.

The pump station sites at the end of Jak-Len Drive and Bayberry Lane have been cleared and prepared for the installation of the proposed pump station facilities. After the sheeting is finished being driven, it is expected that the concrete structures will be installed underground.

Continued drilling operations are expected to resume when MassDOT allows for construction activities to resume on State roads. Blasting of bedrock in the area from Allen Drive to Gerrish Road along Route 1 / Lafayette Road is expected to occur sometime in 2021, depending on construction progress and permitting approval for the blasting work.

In the late fall of 2021, when MassDOT halts all construction projects for the winter season, construction of the main line sewer will 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.