

CONSTRUCTION OF ROUTE 1 / LAFAYETTE ROAD SEWER PROJECT

DATE: June 30, 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.

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.

While this occurs, one construction crew has been installing individual sewer services from the mainline to property edges on Route 1. The second construction crew has been installing portions of the pump stations at both Bayberry Lane and Jak-Len Drive.

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 resume the installation of mainline sewer pipe on Jak-Len Drive for a short time. When the required materials



advance onsite, this crew will then immediately shift back to Route 1 and continue progressing northbound.

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 within the next couple weeks.

The pump station sites at the end of Jak-Len Drive and Bayberry Lane have had the wetwells installed. The next steps at these sites is for the sheeting to be removed, the valve vaults to be installed, and these structures to be connected into the mainline system.

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.