



CONSTRUCTION OF ROUTE 1 / LAFAYETTE ROAD SEWER PROJECT

DATE: May 18, 2022

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: NOVEMBER 2022

RESIDENT ENGINEER: ERIC DOE, P.E.

CURRENT STATUS: The Smallpox Brook culvert bridge remains narrowed to accommodate construction of the sewer mainline pipe installation under the bridge. Traffic will remain two-way with expected temporary pauses that will drive traffic down to one-way in an alternating fashion as required for construction needs and to maintain safety.

Final paving in the project area is expected to continue until the end of May. The existing temporary pavement will be milled down and a final top layer will be applied. After finalizing all sewer services, final paving will begin along the mainline sewer. Likewise, the existing temporary pavement will be milled down and three lifts of new pavement will be applied.

On Route 1 / Lafayette Road, the only areas where the existing pavement will be milled down are directly above the trench where the new sewer was installed. The new pavement will be replacing the temporary pavement.

On Bayberry Lane, Jak-Len Drive and Toll Road, the final pavement will be a full width overlay of the roadway.

All areas where sewer pipe still needs to be installed this spring/summer will receive final paving in the fall of 2022 to allow the area to have adequate time for settlement to occur.



UPCOMING WORK ACTIVITIES: Additional remaining construction work items to be completed in 2022 include the following:

- Installation of the remaining approximately 1,600 linear feet of mainline pipe on Route 1 from the new Rail Trail Bridge to #78 Lafayette Road.
- Installation of sewer mainline at the corner of True Road. Blasting of the native bedrock will be required.
- Installation of a handful of remaining sewer services on Route 1 where blasting will be required.
- Tying in the existing sewer system from Allen Drive, Kendell Lane, and the Salisbury Elementary School into the new sewer mainline.
- Installation of the remaining sewer mainline pipe on Jak-Len Drive, which will also include the installation of the remaining sewer services to property lines.
- Installation of forcemain pipe on Toll Road from Jak-Len Drive south to the Newburyport Hebrew Cemetery main building.
- Completion of all three sewer pump stations on Route 1, Bayberry Lane and Jak-Len Drive.

DOWN THE ROAD: Additional pipe installation work on Main Street is likely to take place in 2022 at the intersection of Toll Road.

Upgrades to existing drainage systems on Jak-Len Drive and Bayberry Lane may take place in 2022. During construction, it was discovered that the state of the existing drainage infrastructure should be repaired / improved. Additionally, upgrades to the existing water main and water services on Jak-Len Drive may occur. Jak-Len Drive's paved road surface may also be milled down and fully repaired with new subsurface gravel and a new pavement overlay. All of these potential additional work items are contingent on the schedule of remaining Contract work for 2022 and the final budget for the Route 1 Sewer Project.

After the installation of all remaining sewer pipe, and the final paving of all impacted roads, surface restoration along the project area will occur. This includes grading touch-ups, seeding/planting and/or mulching as required to match conditions prior to construction activities.