

**New Castle Water Transmission Main Improvements
Weekly Progress Report
July 27, 2020**

This report identifies the work on the New Castle Water Transmission Main Improvements Project that Granese & Sons, Inc. has completed previously and anticipates working on during the next two weeks (7/27 thru 8/07). Subject to detours, roads will remain open during the day, expect delays. Flaggers or Officers will help you pass through the work zones. Thank you for your patience during the construction.

Next Two Weeks (July 27 through August 7)

- Mainline installation will continue starting at approximately Colonial Lane, moving towards New Castle.
- The one-way detour off Route 1B via Oliver St. and River Rd. will end once Granese reaches River Rd. (anticipated on Monday 7/27).
- While crossing the NH 1B / River Rd. intersection, traffic will not be able to turn on to River Rd. from NH 1B. All Portsmouth bound traffic will be re-routed to NH 1B. Residents of River Rd. and Oliver St. will need to access their homes from the intersection of Oliver St. and NH 1B. As soon as the crossing is complete, residents will be able to turn on to River Rd. from NH 1B. Flaggers will be present to assist.
- The now familiar alternating one-way traffic pattern that was used on previous portions of the work, will be in place from River Rd. to the intersection of Main St. and Cranfield St.
- When construction reaches the intersection of Main St. and Cranfield St., the one-way detour traffic pattern will be put in place. Eastbound (traveling toward New Castle) traffic will travel through the construction zone on NH 1B. Westbound (traveling toward Portsmouth) traffic will travel one-way around the construction via Atkinson St., Piscataqua St., and Cranfield St. A flyer with additional details is posted to the Town Website.
- Flaggers will be stationed at both ends of the construction zone and with the construction crew. They will help you pass either through the construction zone or through the detour when it is in place.
- Two-lane traffic patterns on Route 1B will resume at night.

Construction Hotline: 603-689-4938

(for general inquiries, questions and complaints)

PREVIOUS WORK

Last Week (July 20 through July 24)

- Water main installation continued on Route 1B from approximately Ritson St. to approximately Colonial Lane.
- The one-way detour off Route 1B remained in place.
- Temporary trench patch was placed on July 24.

July 13 through July 17

- Granese connected residents to temporary water between about Walton Rd. to about 133 Main St.
- Granese continued to install mainline from about 57 Portsmouth Ave. to approximately Ritson St.
- The one-way detour off Route 1B via River Rd. and Oliver St. remained in place.
- Hydrants at Grist Mill Lane and just before Ritson St. were installed.
- A service line to the Riverside Cemetery was installed on July 17.
- Temporary trench patch was placed on July 17.



Temporary Water Connection to School



New Service at Riverside Cemetery

July 6 through July 10

- Granese installed temporary water main from about Walton Rd. to about 133 Main St.
- All residents from about 180 Portsmouth Ave. to Laurel Ln. were connected to the new water main. Temporary water main was removed up to about Riverview Rd.
- The one-way detour off Route 1B via River Rd. and Oliver St. remained in place.
- Temporary trench patch was placed on July 10.



Saw Cutting for Installation of Services



Temporary Water Crossing at M.H. Trefethen School

June 29 through July 2

- Water main installation continued on Route 1B from Laurel Ln. to 57 Portsmouth Ave.
- The new water main from the first hydrant on the island up to Laurel Ln. was pressure tested and chlorinated.
- The one-way detour off Route 1B via River Rd. and Oliver St. began on Monday June 29, 2020. A flyer with additional details is posted on the Town Website.
- Temporary trench patch was placed on July 2.
- There was no construction on Friday July 3, the day before the July 4th Holiday.



New Water Main Installation



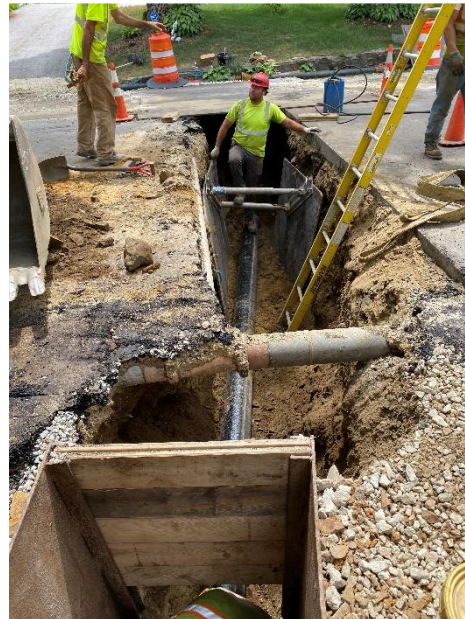
Temporary Trench Patch

June 22 through June 26

- Water main was installed on Route 1B from about 148 Portsmouth Ave., proceeding east to Laurel Ln. Some ledge was encountered.
- A connection at 168 Portsmouth Ave and laterals at Riverview Road and Oliver Street were completed.
- Temporary trench patch was placed on June 26.



Ledge Removal



Riverview Road Lateral

June 15 through June 19

- The Contractor installed side street valves at River Road, Laurel Lane and Oliver Street.
- All residents were put on temporary water in the current construction zone (180 Portsmouth Ave. to 53 Portsmouth Ave.).

- The Contractor continued to install water main from about 169 Portsmouth Ave. to about 148 Portsmouth Ave. The Contractor encountered ledge during excavation, which has slowed the installation.
- The new 12-inch main from the causeway to first fire hydrant on the Island was tested and put online, therefore the old leaking 8" main was put out of service.
- Temporary trench patch was placed on June 19.



New Water Main Installation



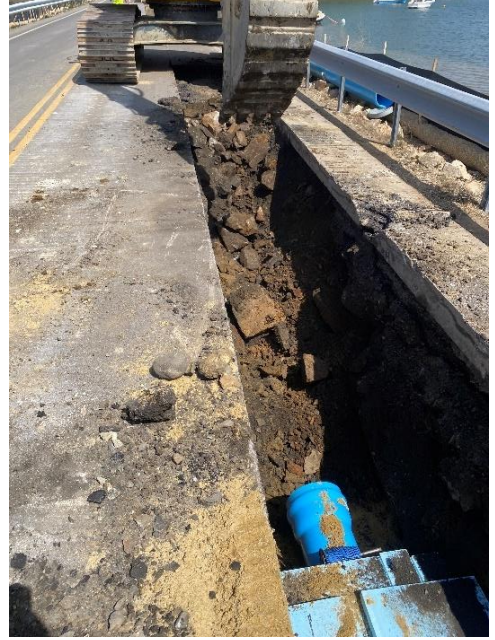
New Water Main Installation

May 26 through June 12

- The temporary water main on Route 1B from Oliver Street to just before Ritson Street was installed and tested.
- Construction of the water main on the Causeway was performed during the week ending June 5. Temporary trench patch was placed on June 5.
- During construction, a 40,000-gallon per day leak was discovered in the old 8-inch mainline where it crosses the bay parallel to the Causeway. This portion of the existing system will be abandoned in place once the new 12-inch main reaches the first fire hydrant on the Island.
- Water main installation was performed from the Causeway up to 169 Portsmouth Ave during the week ending June 12. A representative from Independent Archeological Consulting was on site during construction adjacent to the Riverside Cemetery. Temporary trench patch was placed on June 12.



Temporary Water Installation



New Water Main Installation

April/May 2020

- The tidal crossing has been completed and restoration performed on Peirce Island.
- New water main from Peirce Island to Goat Island was put into service. All customers in this portion of the project are now receiving water from the new main. The temporary water main has been removed and site restoration is underway.



Tidal Crossing



New Water Main Installation