

Noank Water Department Church-Front St. Gate replacement project

PRE-ASSEMBLY



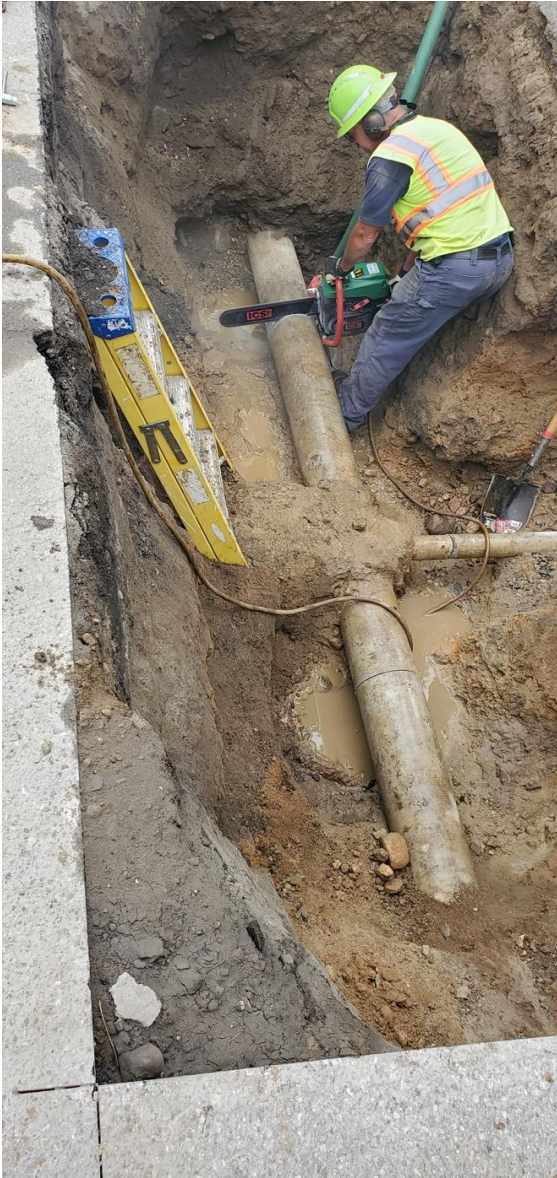
Ward Ave 8" Leg

Church St. 6" GV

Front St. 8" GV



“Double-Gate valve replacement “pre-assembled” & ready to drop into place



Cutting out the old configuration



Leveling the base



Coupling up, leveling, checking the bedding and set to backfill.

On September 21, 2022 Noank Water Department with the help of Mac Lyon, John Lyon and personnel from Groton Utilities completed the replacement of the 60 year old 3 " Church Street gate valve with a 6" valve, while adding an additional isolation gate valve to the Front Street 8" main.

The Project went smoothly and was accomplished "On Schedule", over 3 days.

Monday: Work started with saw cutting the road in the work area", assembled the parts, and then fabricated the replacement configuration, up at the Water Department Garage, on Monday.

Tuesday: Tar removal, Excavation of the Trench "Original" Tee and "3-inch" broken Gate Valve were exposed and pre-measured lengths of pipe were cut. Everything was prepared for "easy" removal of the old valve, and replacement with the "New" assembly.

Wednesday: Removal of the "Old" configuration, replacement with the NEW, Testing and Backfilling and compacting were all completed within 6 hours of "water shut-down", with minimal disturbance. "Road-patch" paving will be completed toward the middle of next week.

Photos by Frank Lewis

Russ Fowler – Supt/NWD
22 Sept 2022