

Pilottown Road Sewer & Water Improvement Project

Community Meeting

October 22, 2020



George, Miles & Buhr, LLC

Pilottown Road Sewer & Water Improvement Project

OWNER:

Lewes BPW

Represented by:

Darrin Gordon (General Manager)

CONTRACTOR:

Teal Construction, Inc.

Represented by:

Chad Reed

Johnny Stant

ENGINEER:

George, Miles & Buhr, LLC

Represented by:

Charles O'Donnell

Vincent Luciani, P.E.

Josh Elliott

Russ Neal

CONTRACT TIME:

210 Calendar Days (Non-Consecutive)

Pilottown Road Sewer & Water Improvement Project

- Objectives of Project

- Replacement of the existing cast iron water mains with new PVC water main within Pilottown Road from Shipcarpenter Street to the Canal water main crossing near the University of Delaware.
- Installation of new water services.
- Assess the condition of the existing sanitary sewer and sewer laterals and rehabilitate where required.
- Resurface Pilottown Road within the contract limits.

Pilottown Road Sewer & Water Improvement Project

- Scope of Work
 - Installation of Water Main
 - Installation of water services
 - CIPP Lining of Sanitary Sewer and Laterals
 - Installation of Sewer Lateral Cleanouts
 - Resurfacing of Pilottown Road

Pilottown Road Sewer & Water Improvement Project

- Installation of Water Main
 - Approximately 6,000 feet of 12" diameter PVC water main will be installed within Pilottown Road from Shipcarpenter Street to the Canal water crossing located north of the Lewes Dairy.
 - There is a very old (installed in the 1920's) 4-inch/6-inch diameter water main and a less old (installed in the late 1950's) 12-inch/10-inch diameter water main. Both of these water mains are cast iron and will be abandoned.

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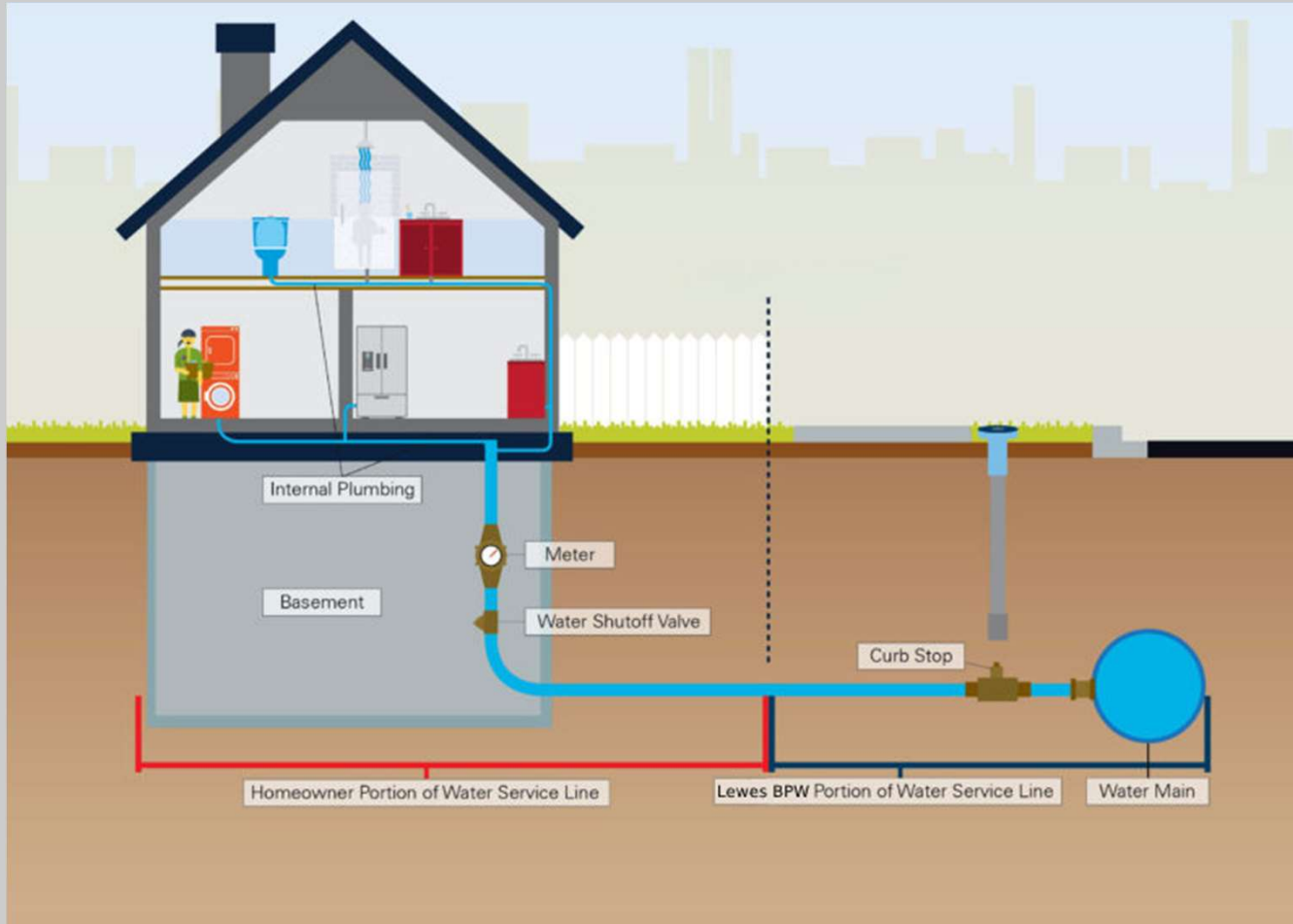


Pilottown Road Sewer & Water Improvement Project

- **Installation of Water Services and Meters**

- New water services will be installed at every property.
- Services will consist of 1-inch diameter polyethylene plastic (PE) pipe and will be connected to the homeowner's existing water service approximately 5 feet behind the Pilottown Road ROW (Right-of-Way).
- PLEASE NOTE THAT THE BPW WILL NOT BE REMOVING THE EXISTING WATER SERVICE ON THE HOMEOWNER'S PROPERTY. SHOULD THAT WATER SERVICE BE LEAD, THE BPW RECOMMENDS THE HOMEOWNER CONTRACT WITH A PRIVATE CONTRACTOR TO REPLACE THAT WATER SERVICE.
- New Meter Pits will be installed approximately 5 feet behind the ROW line at those properties that currently do not now have water meters outside of the house.
- The Lewes BPW will "abandon" the old water meter in the home by removing the water meter and replacing with a blank section.
- Water meter pits will be provided at the Canal side properties for those properties that do not currently have an existing meter.
- "Private" water services (i.e., those that originate from an adjacent home) which have been installed within Pilottown Road will be removed. New services will be provided from the new water main.

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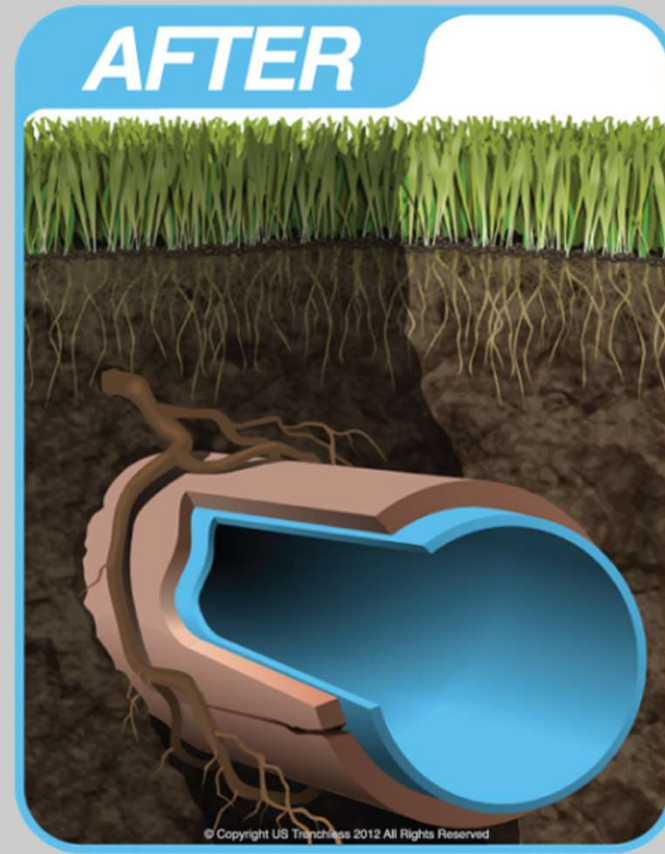
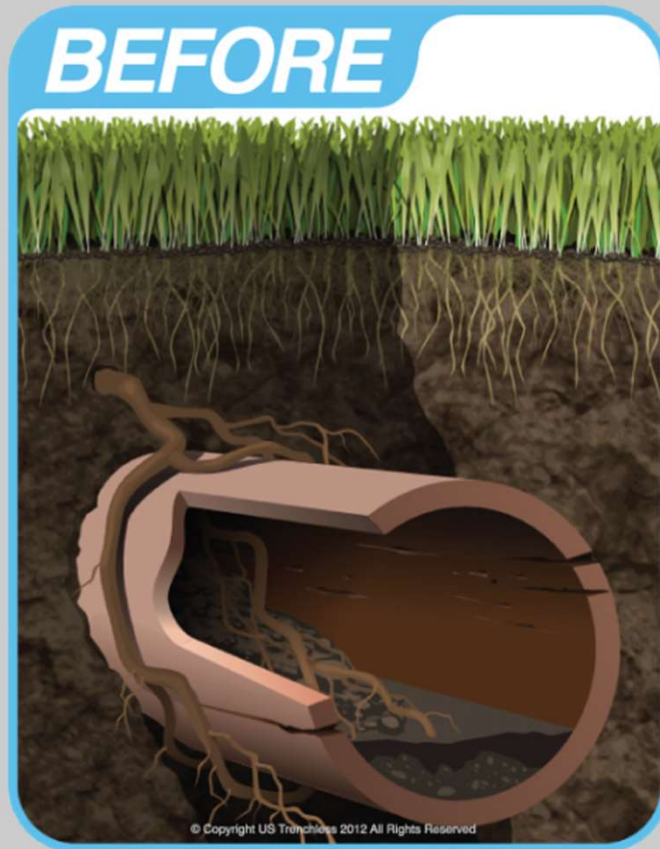


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- CIPP Lining of Sanitary Sewer and Laterals

- All of the old aging vitrified clay sewer mains within Pilottown Road were rehabilitated in the Spring of 2020 by CIPP (Cured In-Place Pipe) Lining. CIPP is a no-dig method of relining and rehabilitating old pipelines. The technology involves inserting a polyester textile liner which has been impregnated with polyester resins and curing it within the existing pipe.
- The project scope included an initial cleaning and video inspection of all the sewer main and laterals within the project limits. The condition of the sewer mains and laterals was assessed and those in poor condition were addressed.
- Vitrified Clay Sewer laterals are to be replaced with a new PVC lateral with cleanout.

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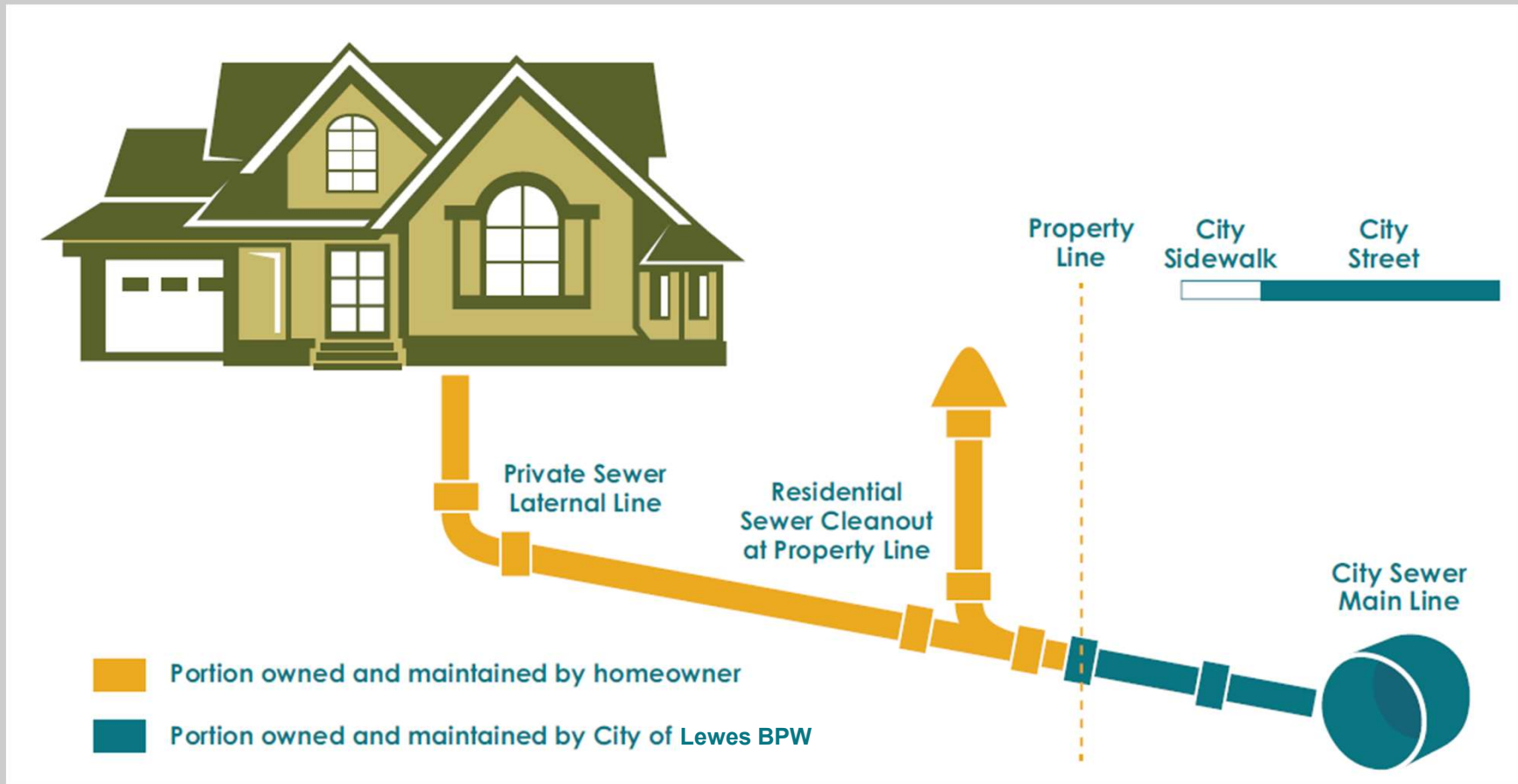
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- Installation of Sewer Lateral Cleanouts
 - Sewer cleanouts will be installed at each sanitary sewer lateral and will be located approximately 5 feet behind the property line.

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- Resurfacing of Pilottown Road
 - At the completion of all utility work, the roadway will be resurfaced. The resurfacing will consist of milling 2 inches of existing surface and overlaying with 2 inches of surface course asphalt.
 - The repaving work will also include installation of concrete ADA compliant ramps and crosswalks at Queen Anne Ave, Ocean View Blvd, Marina Drive and New Road.

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- Traffic Control During Construction
 - Lane closures with flaggers for installation of water main, sanitary sewer cleaning and video inspection and CIPP lining work within Pilottown Road.
 - Road Closure/Detour for work within intersection
 - Access to homes and emergency services will be maintained at all times.

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- Anticipated Schedule

- The duration of the project is 210 calendar days. The tentative start date is November 1, 2020 and the completion date is May 30, 2021 provided no works days are lost to weather delays.
- There is a seasonal restriction of the permitted work schedule (i.e., no work may occur) of May 1 through October 1.
- The contract requires that the contractor begin the water main work at Shipcarpenter Street and progress northward.

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- GMB Project Staff

- Russ Neal – (302) 233-5678 – Russ will be GMB's onsite Resident Project Representative (RPR) present onsite full-time for the duration of the work. All questions are to be directed to Russ Neal during construction. We do not want direct communication with the contractor and the residents.
- Russ will be available to coordinate any work on private property (e.g., location of water services, sewer cleanouts, water meters, etc.).

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- Questions?