



Pittsburgh  
Water & Sewer  
Authority

# Evergreen Road Water Main Replacement Project

March 3, 2021

# What is PWSA doing?

- PWSA is replacing the water main on Evergreen Road (Klopper Street – Ohio Street).
- This work will upgrade aging infrastructure and improve water quality.
- Contractor:
  - **Frank J. Zottola Construction, Inc.**

# Why?

- The water mains selected for replacement are older, small diameter, or have shown a high number of breaks throughout the years.
- Replacing these water mains, and any lead service lines attached to the mains, will upgrade aging infrastructure and improve water quality for customers.

# Project Timeframe

First locations: **March 2021**

Last locations: **Early Fall 2021**



# Process Steps

- **Inspect service line material:** Crews will go to each property and verify the material of each service line connected to the old main. This will help identify locations with lead service lines.
- **Install new water main:** Crews will work their way down the street laying the new water main. The old water main will remain in service during this time. After the main is installed, the pipe will be tested to make sure it was installed properly.
- **Install new service lines:** Crews will attach new service lines to the new water main. We will coordinate with properties with lead service lines to replace them at no cost.
- **Restoration:** Crews will finalize work by restoring sidewalks and asphalt that were impacted by the construction to the state they were before construction.

# Daily Impacts

## Typical Work Schedule:

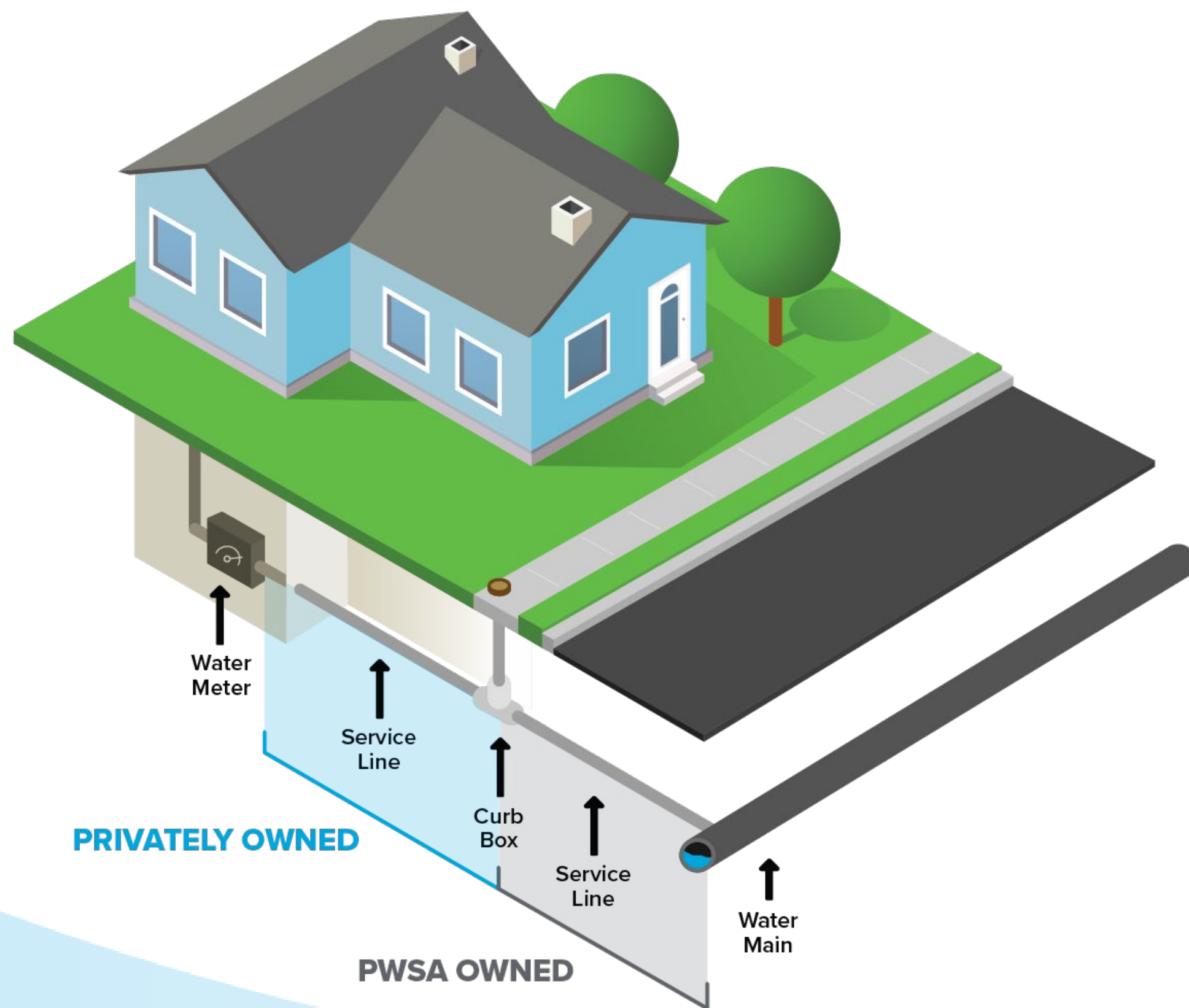
- Monday-Friday from 7:00 a.m. – 5:00 p.m.

## Traffic:

- Evergreen Road will be closed during working hours and reopened at the end of the work day.
- Detour signs directing people to the next parallel street will be posted as needed.

# Lead Service Line Replacements

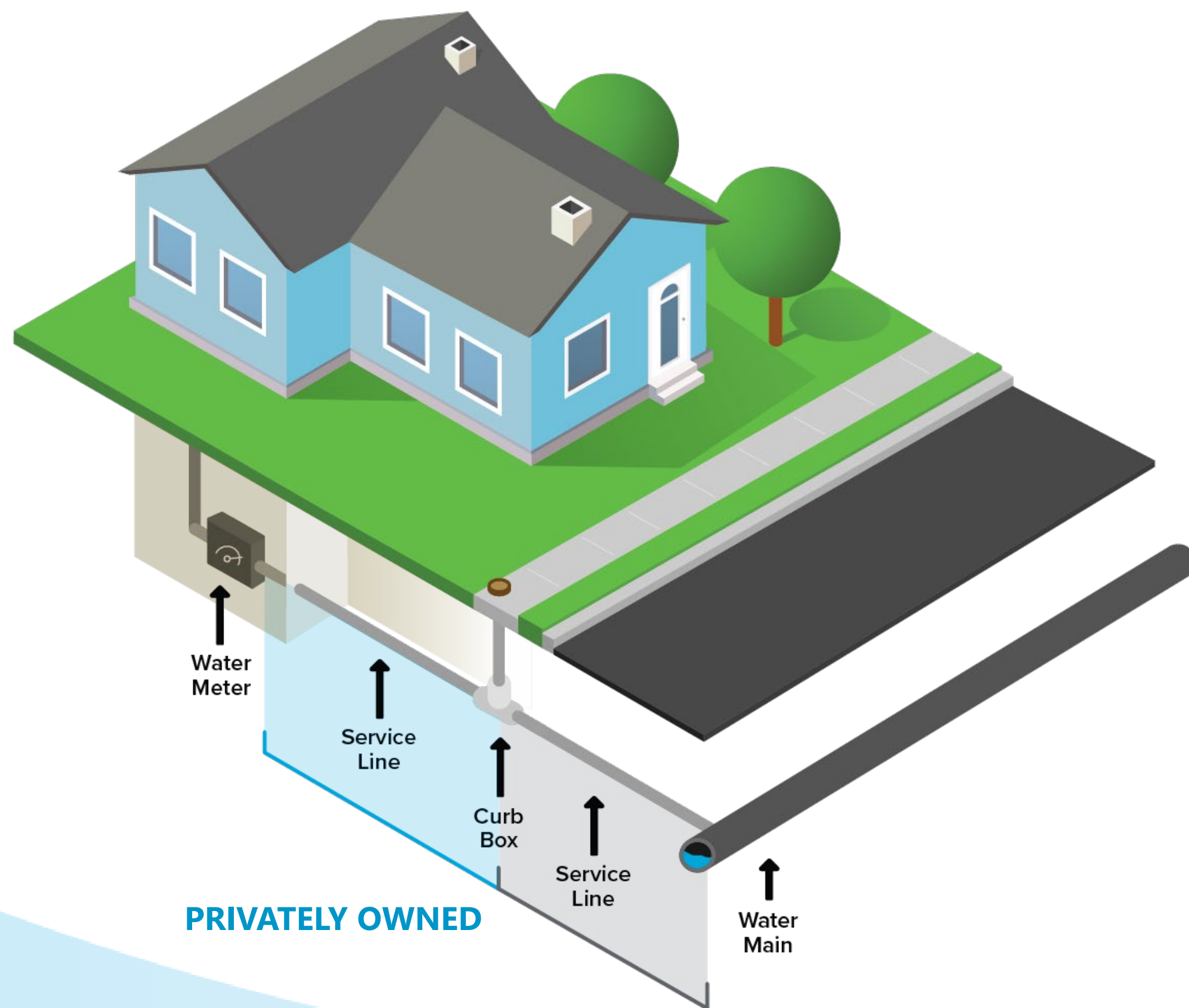
# WATER SYSTEM SCHEMATIC – RESIDENTIAL CUSTOMERS



- > Service line has joint ownership, both PWSA and the customer;
- > Each side of the service line can be different materials, typically lead, galvanized iron, copper or PEX (plastic);



# WATER SYSTEM SCHEMATIC – COMMERCIAL CUSTOMERS



- > The entire service line (from water main into building) is owned by property owner;
- > Each side of the service line can be different materials, typically lead, galvanized iron, copper or PEX (plastic);

# PWSA POLICY

- When PWSA replaces the portion of the service line between the water main and the curb stop, we will offer to replace a private lead service line at no cost.
- Property owners need to sign agreement allowing work to proceed.
- If a property owner does not return the agreement or declines a replacement, PWSA is required to terminate water service.
- Customer will then be required to replace private lead service line and provide proof to PWSA before water service is restored.

This protocol is a requirement of our regulators, the Pennsylvania Public Utility Commission (PUC).

# PRIVATE PROPERTY RESTORATION POLICY

- Contractors incentivized to use least disruptive methods;
- Homeowner or their representative must be present during replacement;
- PWSA will backfill, but not restore any private property they disturbed;
  - Stairs, retaining walls, decorative landscaping could be disrupted;
- **Over 98% of replacements can be done using less disruptive trenchless methods**

# Project Contact:

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# Questions?