



Oakland Planning and Development Corporation

Oakland Water Main Replacement Project

June 29, 2021

What is PWSA Doing?

- PWSA is replacing water mains throughout Central Oakland.
- This work will upgrade aging infrastructure and improve water quality.
- Contractor:
 - Folino Construction, Inc.

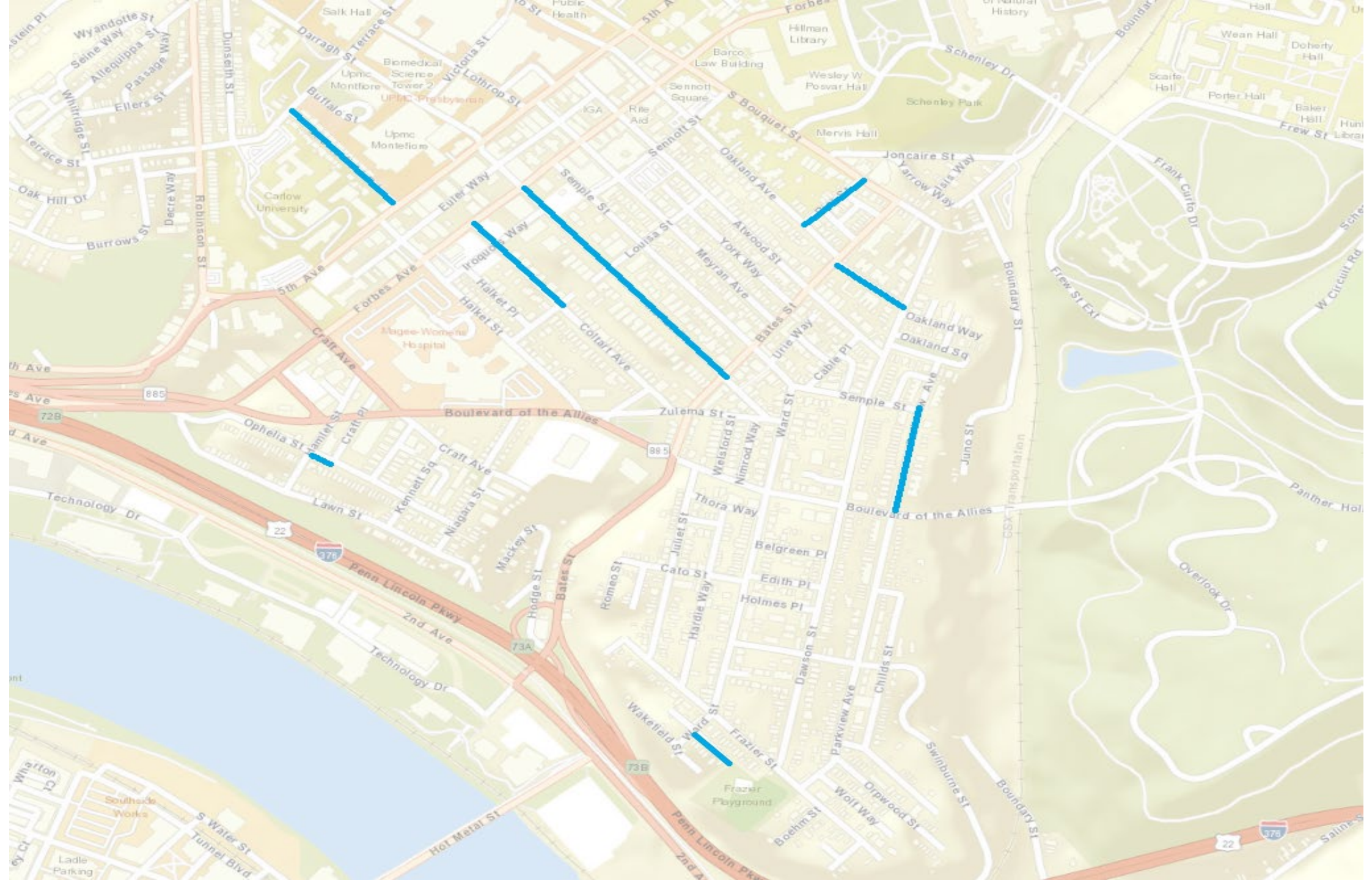


Why?

- 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.
- Streets and impacted sidewalks will be replaced.

Impacted Streets

- Parkview Avenue (Semple Street - Boulevard of the Allies)
- Oakland Avenue (Bates Street - Dawson Street)
- Pier Street (Oakland Avenue - Bouquet Street)
- Mckee Place (Forbes Avenue - Bates Street)
- Coltart Avenue (Forbes Avenue - Louisa Street)
- Chesterfield Road - 5th Avenue - Terrace Place)
- Ophelia Street (Hamlet Street - Craft Place)



Process Steps

- **Inspect service line material:** Verify the material of each service line connected to the old main. This will help identify 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.
- **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.
 - There may be some delay between the end of pipe installation and final concrete and asphalt work.

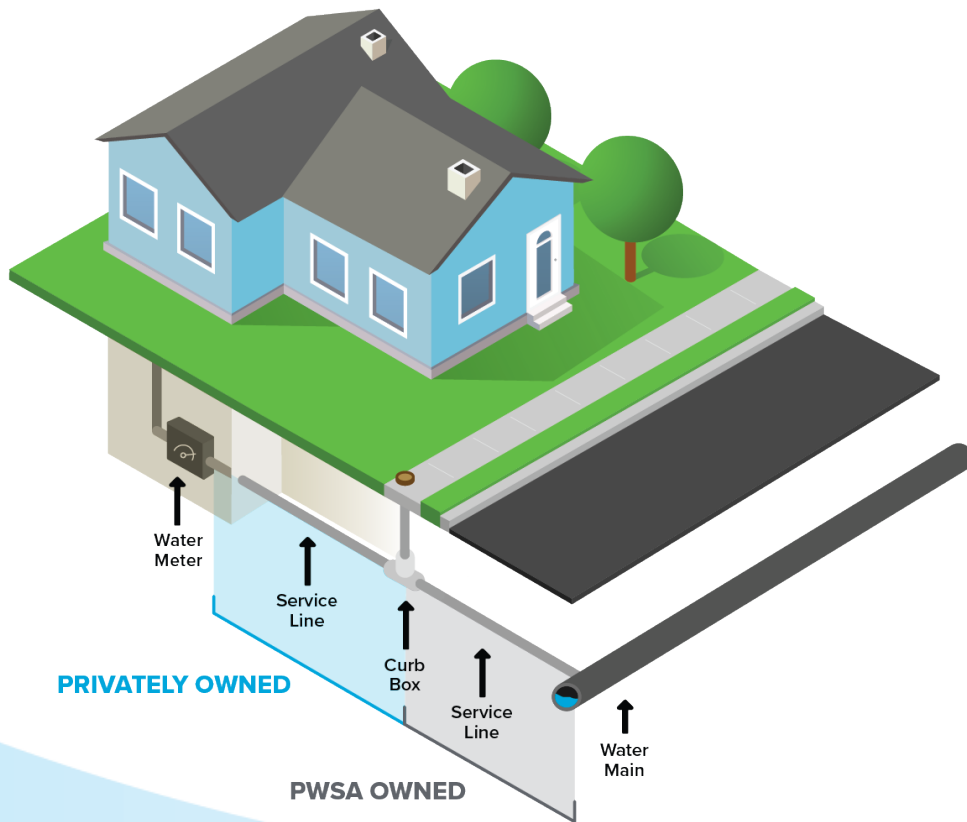
Daily Impacts

- **Typical Work Schedule:**
 - Monday-Friday from 7:00 a.m. – 6:00 p.m.
- **Traffic:**
 - Impacted streets will be closed during working hours and reopened at the end of the work day.
 - Detour signs directing traffic around construction will be posted as needed.
 - No-parking signs will be posted 48-hours in advance of work on impacted streets.



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);

PWSA POLICY – WATER TERMINATION

- 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 needs 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**



Questions