



South Side Flats Sewer Separation Project

Benefitting PWSA customers in the South Side Flats

Wednesday, March 8, 2023

South Side Flats Sewer Separation Project

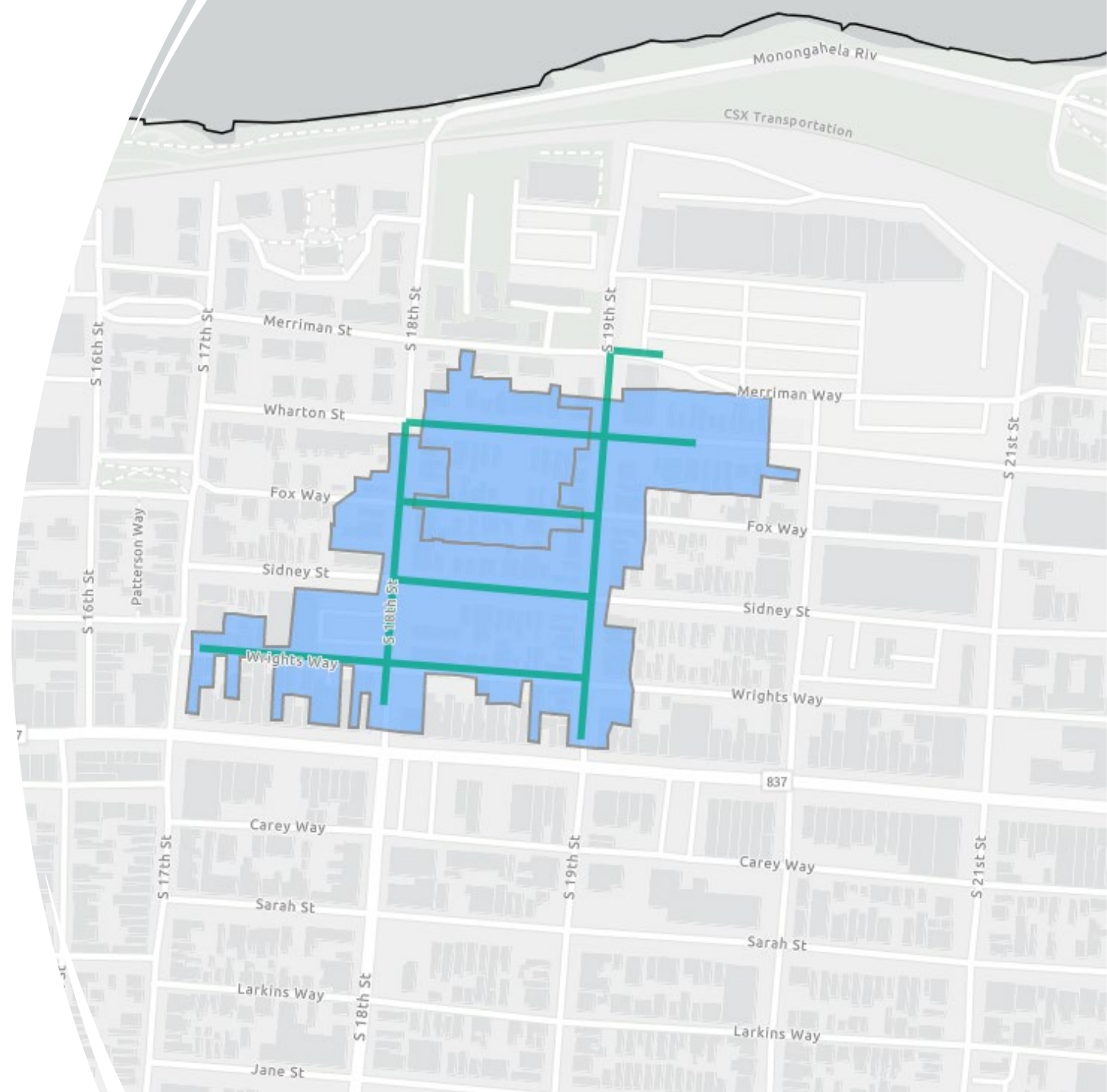
As part of our Sewer Separation Program, PWSA will install:

- Separate Storm Sewer system within project area and connect storm inlets to new Sewer
- Additional inlets and minor street grading to capture surface water.
- Water main located within Wharton Street and Fox Way
- Lead water service line replacements as identified within portions of project area



Addressing Stormwater Issues

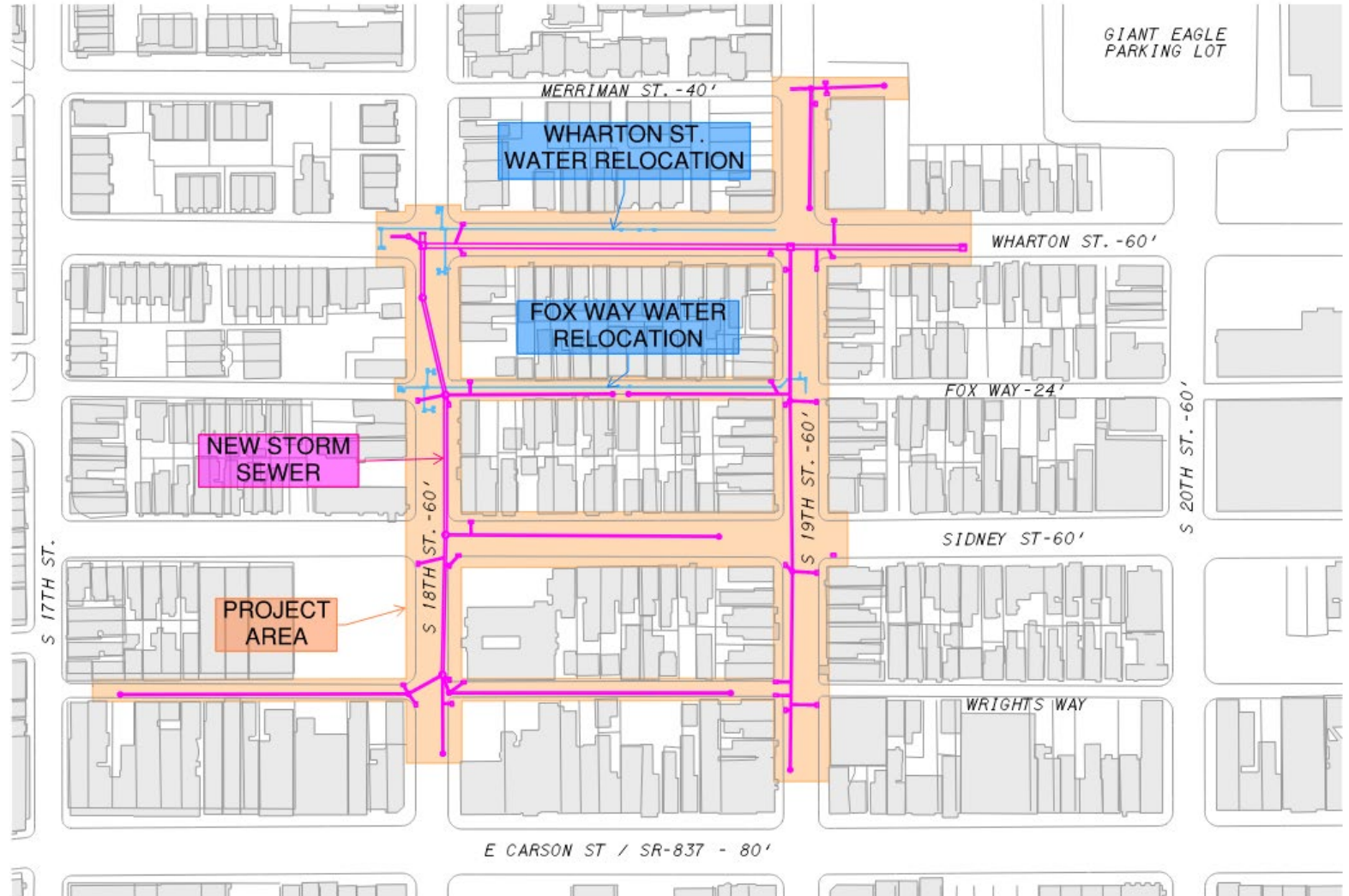
- This portion of South Side Flats has many downspouts that discharge overland leading to potential surface flooding, icy conditions and potholes.
- PWSA has worked to develop a sewer separation project that will construct a sewer for only stormwater and connect surface discharge downspouts.
- This will ensure more capacity in the existing sewer during rain events, improve surface water quality and will help to avoid basement backups and other issues related to combined sewers.



Project Area and Scope of Work

Full scope of work:

- Construct new separate storm sewer pipe, manholes, and inlets.
- Connect property downspouts to new storm sewer
- Replace water mains on Wharton Street and Fox Way
- Repave street and restore sidewalks



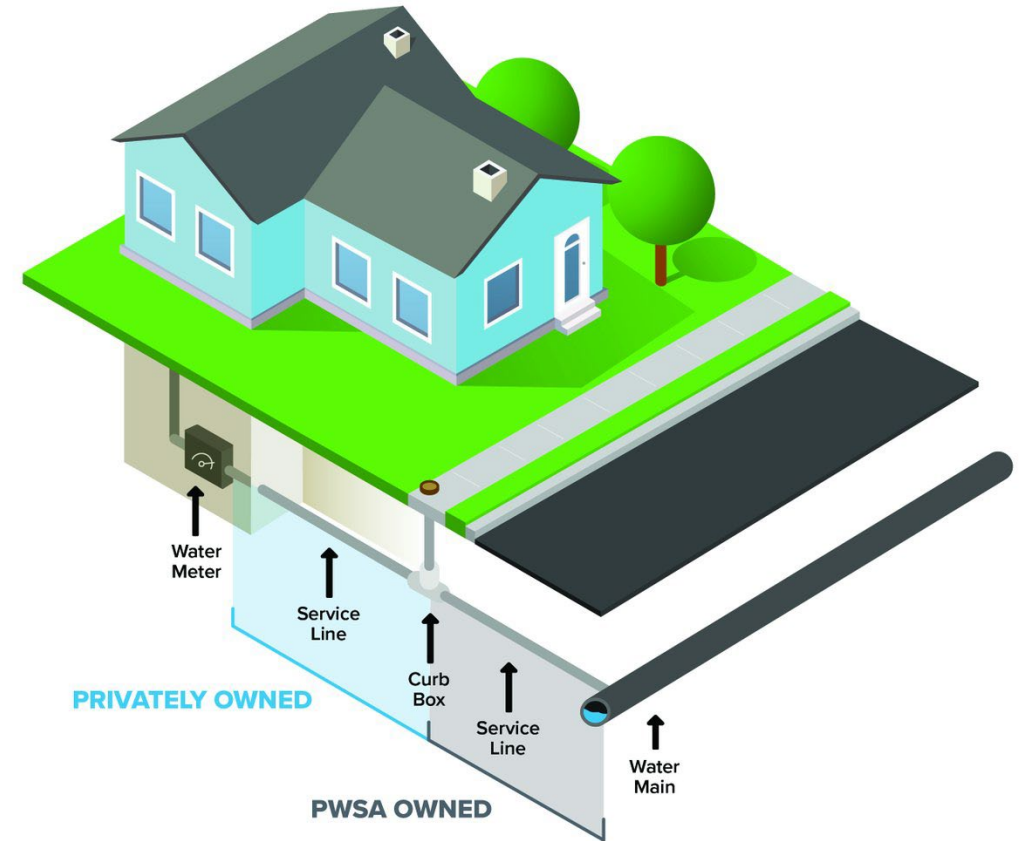
Anticipated Construction Schedule

Month	Work to be Performed
April 2023	Start Construction of Phase 1 Lead Line Replacement
July 2023	Start Construction of New Storm Sewer System, including individual laterals and inlets
February 2024	Start Construction of Water Main Replacements on Wharton Street and Fox Way and Phase 2 Lead Line Replacement
March 2024	Complete Storm Sewer and Water Main Construction
April-May 2024	Complete full-site restoration

Lead Service Line Replacements

Lead Service Line Replacements

- We will replace **only lead service lines** in certain portions of the project.
- This project is being made possible by the American Rescue Act of 2021, granted to PWSA by the City of Pittsburgh.
- If you live within the bounds of this project, you have been sent a lead service line agreement which, when signed, grants us access to your property to remove private lead lines.

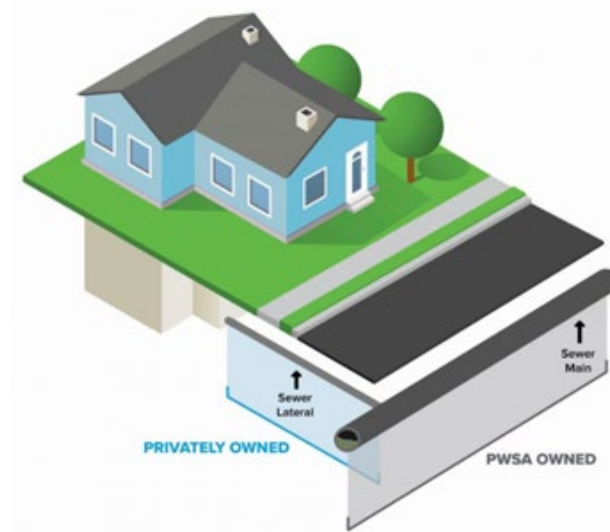


Process Steps

- **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 service lines:** Crews will replace any lead lines found during the inspection phase. We will coordinate with residents with privately owned lead service lines to replace them at no cost.
- **Restoration:** Much of the restoration work in this project area will be on hold until sewer improvements are made.

Sewer Improvements: Necessary Construction Agreements

Authorization for Sewer Lateral Connection



Full Storm Sewer Lateral –

For those who sign agreement

- From PWSA storm sewer **to downspout at building face**
- Repair and maintenance is property owner responsibility
- PWSA owns and maintains storm sewer main and point where lateral and main connect

Partial Storm Sewer Lateral –

For those who do not sign agreement or do not have surface discharge downspout

- From PWSA storm sewer **to sidewalk**
- Repair, maintenance and future connection is property owner responsibility
- PWSA owns and maintains storm sewer main and point where lateral and main connect



Splashing
downspout - eligible

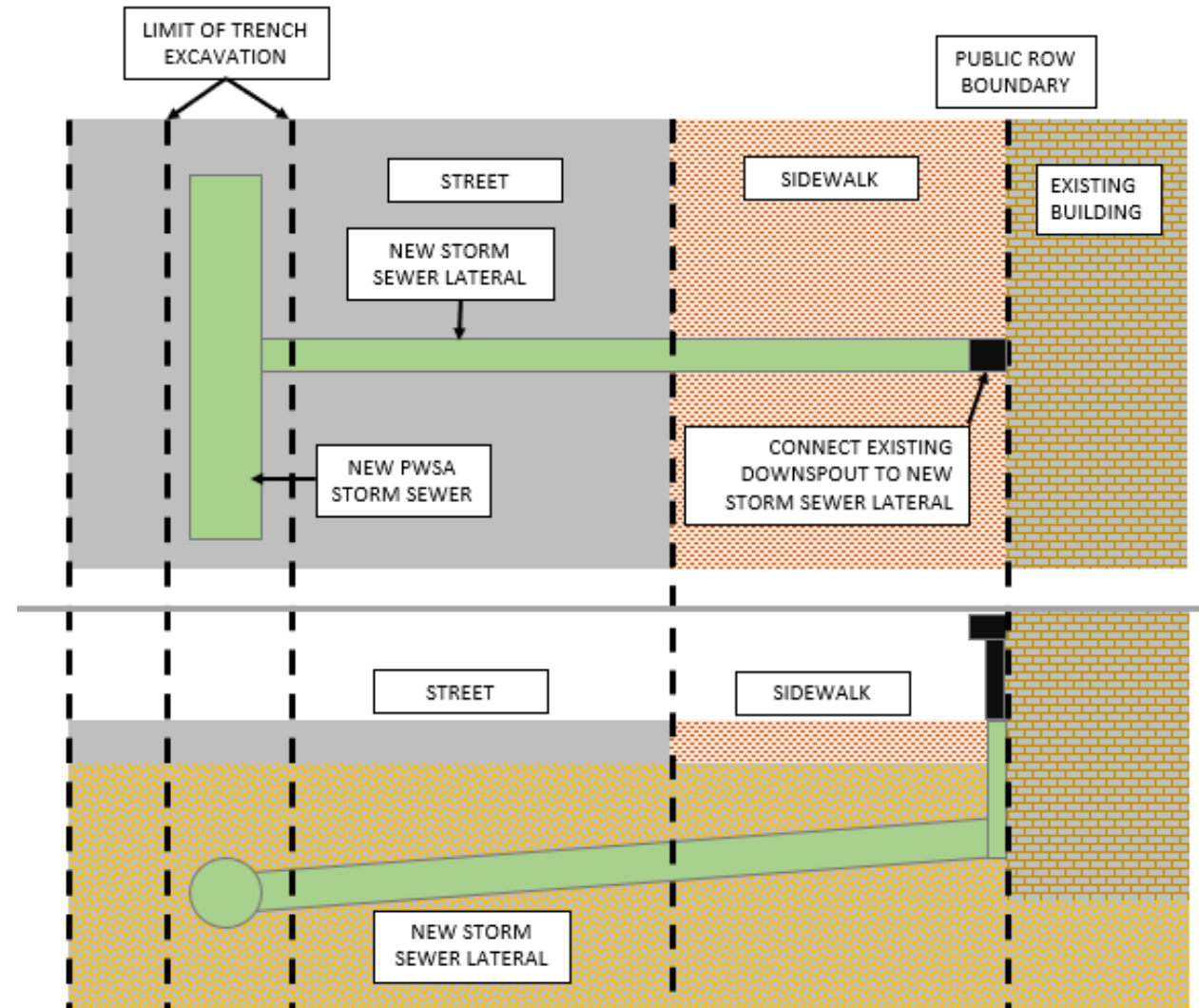
Plumbed downspout
- not eligible

Authorization for Full Sewer Lateral Installation

For this project, PWSA plans to:

- Install new storm sewer laterals from new storm sewer main to public right-of-way and connect **downspouts discharging to street or sidewalk**

All work will be completed at no cost to property owner

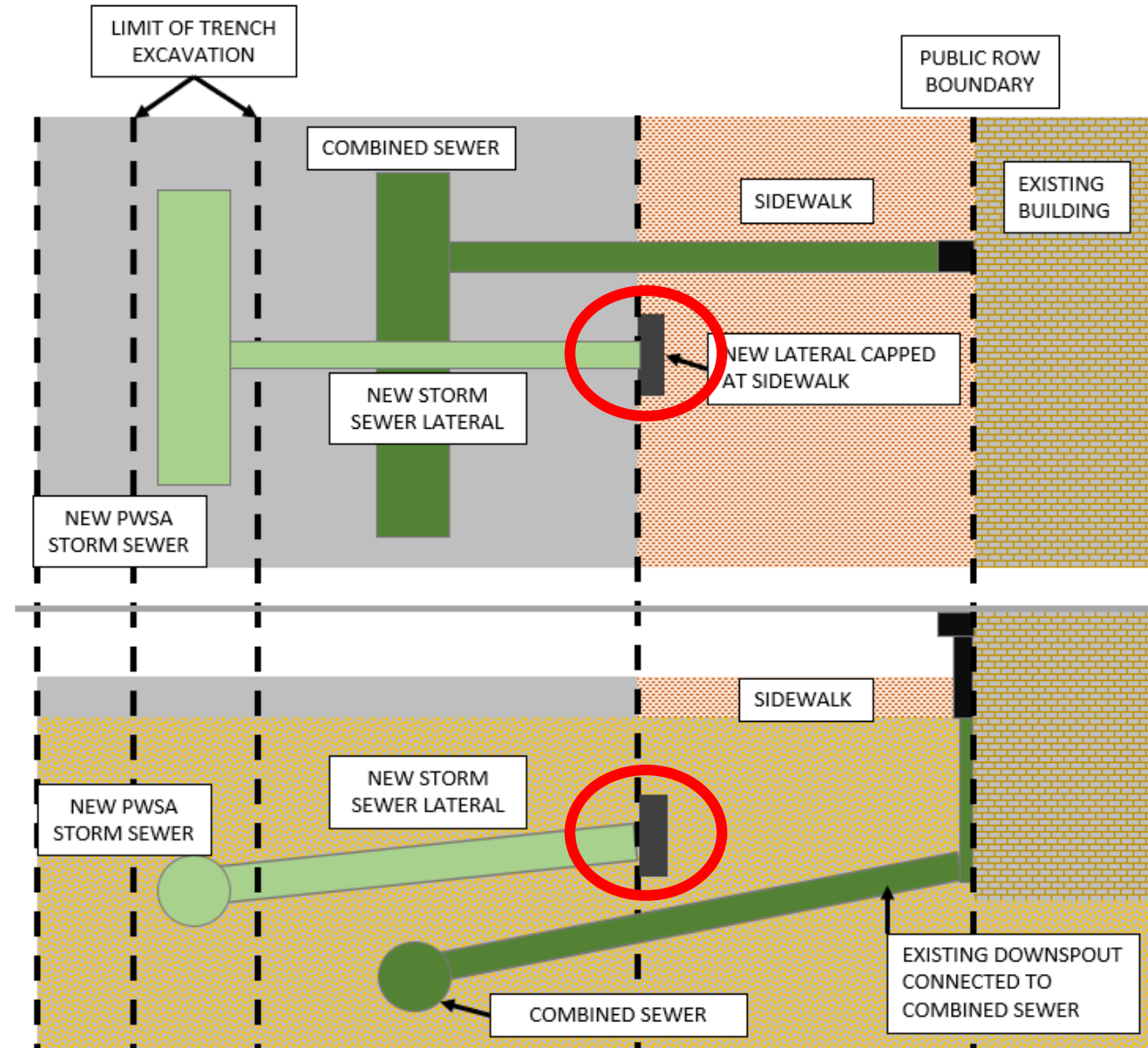


Authorization for Partial Sewer Lateral Installation

For this project, PWSA plans to:

- Install new storm sewer laterals from new storm sewer main to the sidewalk for all properties with **downspouts connected to existing sewers**
- Install cap with locatable magnet for future connection by the homeowner

All work will be completed at no cost to property owner



Water Main Replacements

Water Main Upgrades

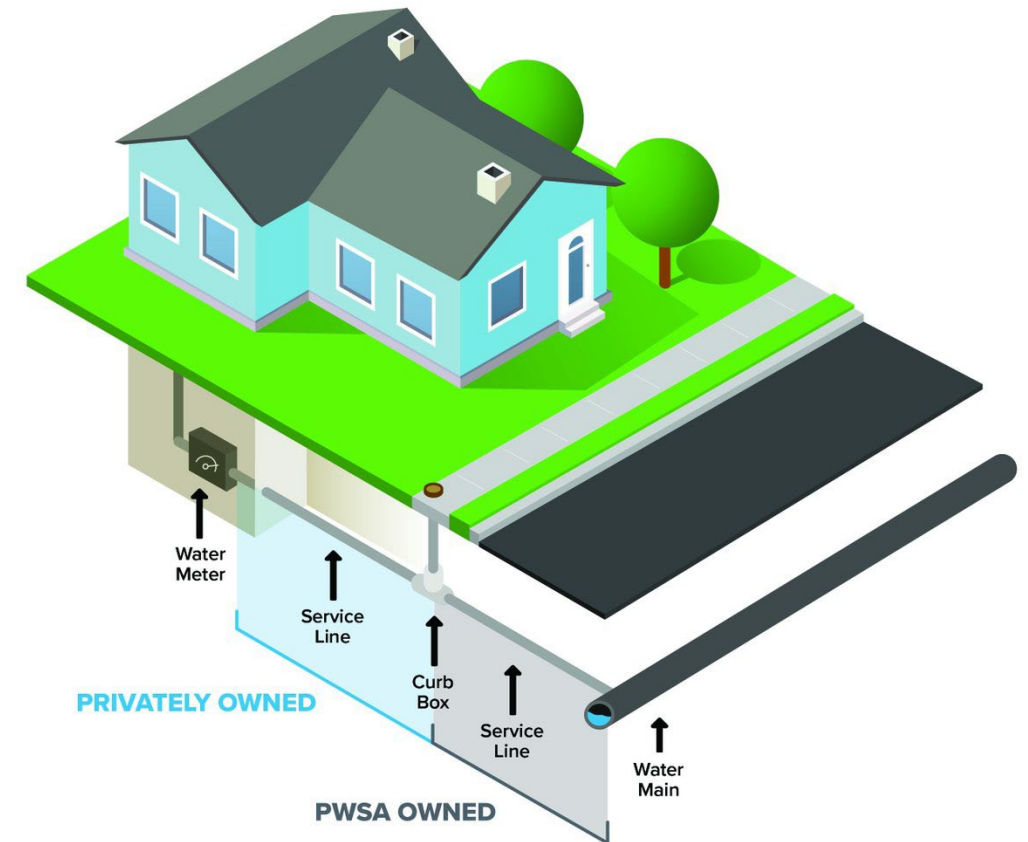
- PWSA will replace the water main on Wharton Street and Fox Way in efforts to complete all necessary infrastructure upgrades at one time.
- Through this process, we will also replace all public service lines. If we find private lead service lines during the work, we will replace them at no cost.
- If you live on these blocks, you have been sent a lead service line agreement which, when signed, grants us access to your property to remove private lead lines, if found.



Process Steps

- **Inspect service line materials:** 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 residents with privately owned 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.

Note that restoration work may not happen for several weeks. Crews will temporarily restore the street and sidewalk pads to make them passable until final restoration.



Construction Impacts

- As part of this project, residents can expect no-parking enforced as needed, road closures, and some uneven streets and sidewalks.
- PWSA recognizes this is a long project with many components.
- We are working to build “restoration milestones” into contract, which will compel the contractor to restore streets and sidewalks in timely manner after construction is completed.
- Updates regarding phasing of work and other construction considerations will be shared by mail closer to the start of sewer work.





Thank you

For questions or comments, please contact:

Sewer Replacement: Duygu Altintas, Associate
Project Manager daltintas@pgh2o.com

Lead Line Replacement: leadhelp@pgh2o.com

Project Page: www.pgh2o.com/SSFlatsSewer

