

Pinecroft Lane Water Main Replacement

Project No. BR6270A17

January 20, 2022



AGENDA


- Introduction to Project Team
- WSSC Water Overview
- Project Overview
- Project Map
- Estimated Construction Schedule
- What to Expect During Construction
- Project Summary
- Questions & Answers

Project Team

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- David Wilkins, Customer Advocate
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- Mott MacDonald, Engineering Design Consultants
- Rivers Construction Group, Ltd, General Contractor

WSSC Water Overview

 **500,000**
Laboratory tests per year

162,000,000
gallons per day


Est. 1918
103 years & counting!
No drinking water quality violations...ever.




3 reservoirs
Our drinking water system spans over **5,800+ miles**


delivered to **1.8 million** residents

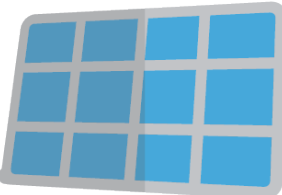
2 Water Filtration Plants


60 Tanks


Our wastewater system spans over **5,600+ miles**
55 pumping stations


43,000+ FIRE HYDRANTS MAINTAINED
FIRE PROTECTION


Using wind and solar energy to reduce our carbon footprint

WSSC Water has **17,000** solar panels


6 Water Resource Recovery Facilities

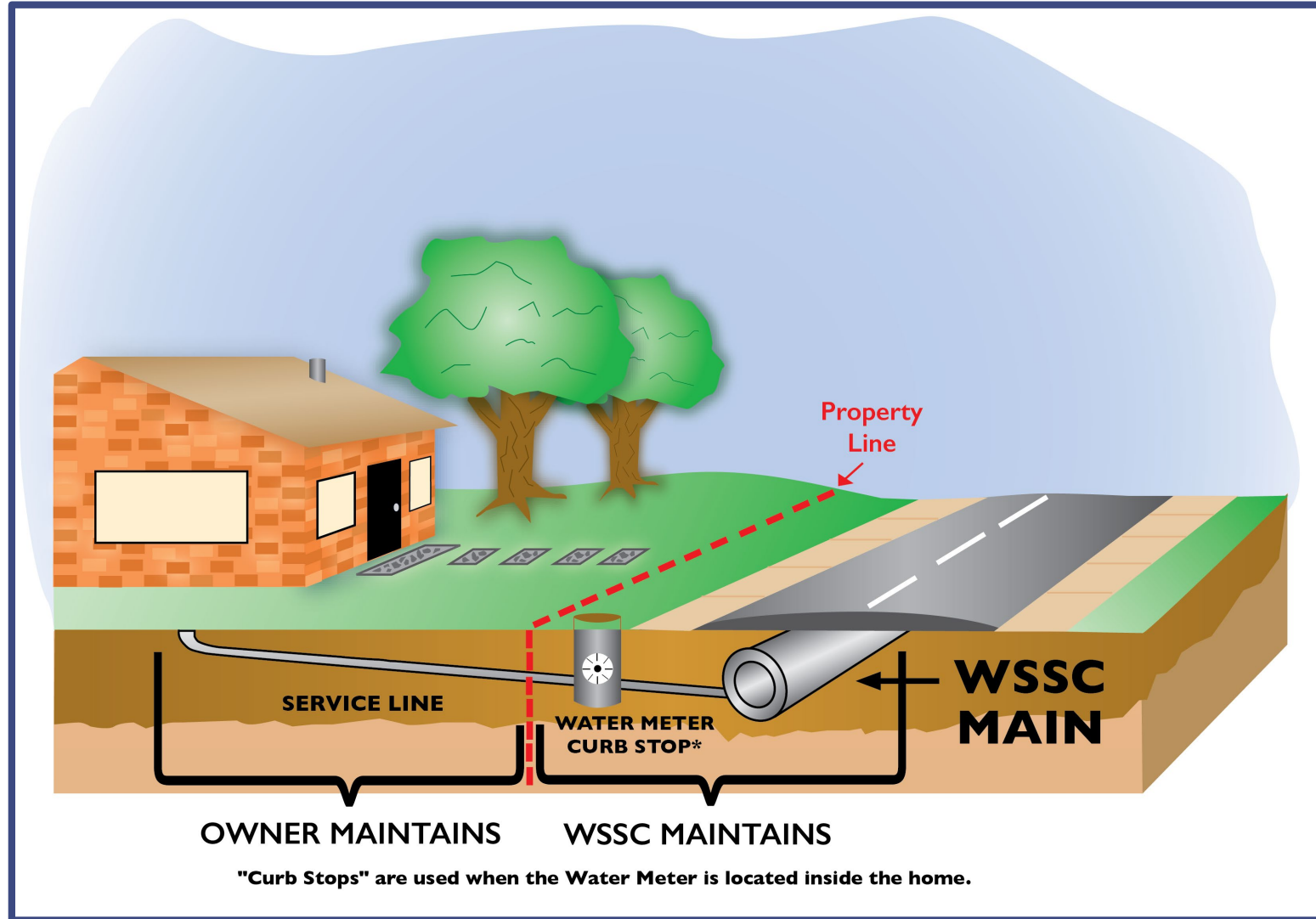



Project Overview

- WSSC Water is strategically replacing and rehabilitating our aging water and sewer pipes throughout our service area, a part of our effort to enhance service and reliability to our customers.
- The project includes replacing approximately 1.71 miles of 6, 8, 10, 12 and 14-inches water mains, and house connections up to the property line.
- The current water pipes were installed in the 1960's and are nearing the end of their life cycle.
- The new water mains will be zinc-coated, ductile iron pipe wrapped in a protective coating, giving the pipes a life expectancy of at least 100 years.
- Replacing the existing pipes will help reduce disruptions to the community, the environment and emergency services due to water main breaks.

Project Overview

- New watermain will be installed within the roadways
- New house connections (service lines) will be installed up-to the property line
- WSSC Water coordinates with local and state agencies, as well as other utilities for all planned work to avoid potential conflict and minimize disturbances to neighborhoods.

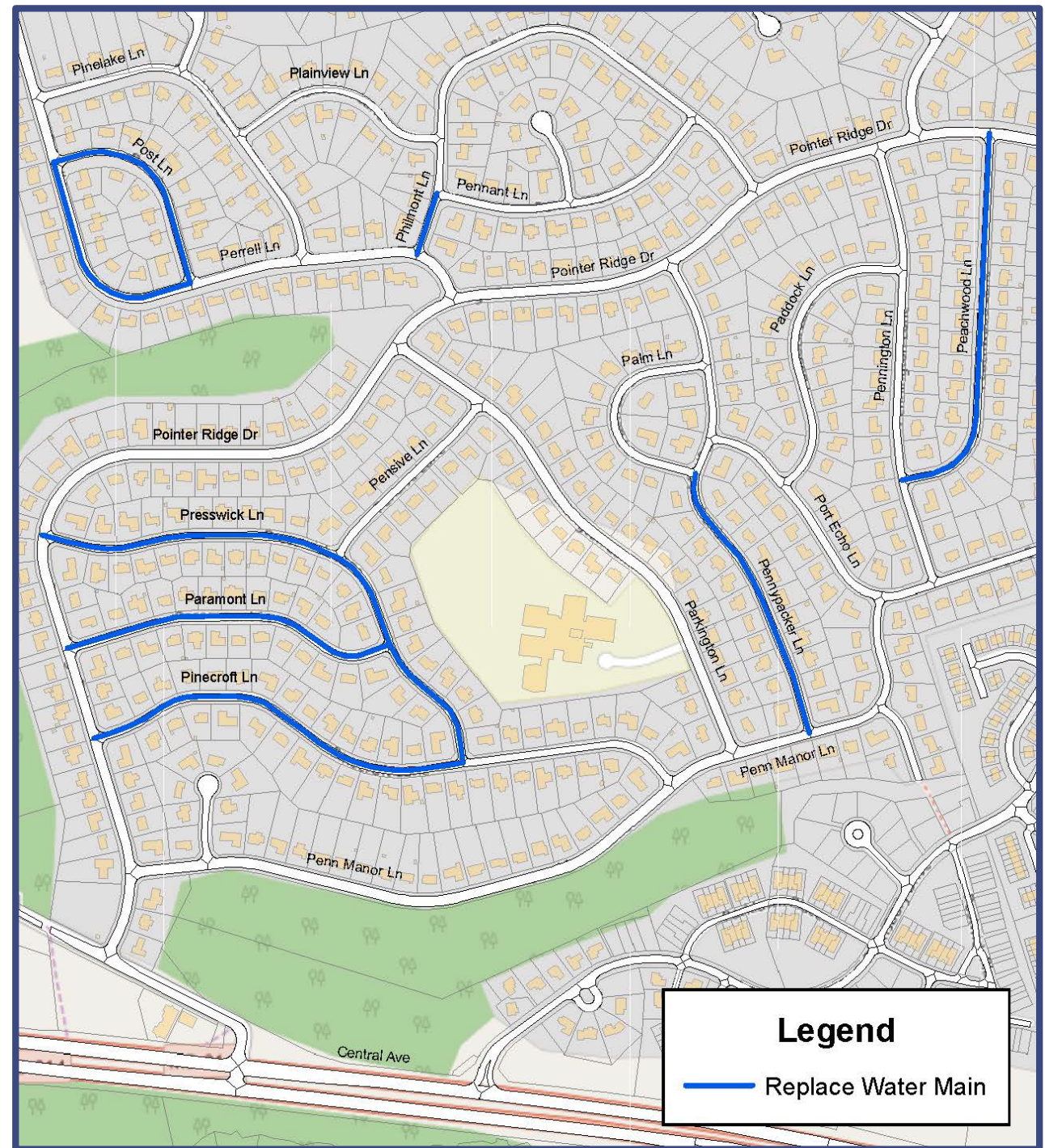


Project Map

Directly Impacted Streets

Pointer Ridge Drive
Pinecroft Lane
Presswick Lane
Pensive Lane
Pointer Ridge Drive
Paramont Lane
Perrell Lane
Pointer Ridge Drive

Philmont Lane
Pennant Lane
Penn Manor Lane
Pennypacker Lane
Palm Lane
Port Echo Lane
Peachwood Lane
Post Lane



Estimated Construction Schedule

Anticipated Construction Start:	March 2022
Estimated Construction Completion:	June 2023

Construction schedules are estimated and weather permitting

Operational Changes in response to Covid-19

- WSSC Water has implemented protocols that align with recommendations from local, state, and federal public health authorities.
- Working to minimize impact
 - Facial masks (while indoors) and physical distancing
- All WSSC Water employees and contractors are required to refrain from coming to work if displaying symptoms of COVID-19.
 - We have implemented robust internal contact tracing and quarantine requirements.
- Earlier notification to customers
 - Contact via handouts



What to Expect During Construction

- Anticipated Work Hours: Monday-Friday, 9:00 a.m. – 3:30 p.m.
 - Work may occasionally extend beyond these hours to complete specific tasks.
 - Nightwork as needed, for multi-lane closure and service shutdown.
- Construction activities may include:
 - Field reviews and inspections
 - Survey crews
 - Test pits
 - Construction crews and heavy machinery
- Reliable water and sewer service will be maintained during construction
 - Short water shutdowns of up to 8 hours may be required
 - Advanced notification (48-72 hours) of these shutdowns will be provided



What to Expect During Construction

- Open-cut construction method, which involves cutting and excavating a section of the pavement.
- This construction method does create noise and dust.



Traffic Impacts

- Certain construction activities may require temporary changes to traffic patterns
 - Traffic will be managed to minimize community disruptions
- Access will be maintained to homes during construction
 - Access into homes is **NOT** required
 - Access onto private property is generally **NOT** required
- Parking restrictions
 - WSSC Water will provide 48-hour advance (denoted by “No Parking” signs) notice prior to any parking restrictions
 - Any vehicles that have not been removed from the designated area will be towed to a nearby street at no cost to the owner.
- Final restoration of sidewalks, roadways and landscaping will take place within 90 days of construction completion.



Signage and Restoration

- Construction signs with contact persons will be placed throughout the project area
- Projects completed during the winter months will be permanently paved and restored to their original state or better in the following spring.



Project Summary

- The existing water mains are near the end of their useful lives.
- WSSC Water will be replacing the water mains and water house connections up to the property line.
- WSSC Water will minimize service disruptions during construction.
- WSSC Water will coordinate work activities with property owners in the project area.
- WSSC Water will restore all areas impacted by construction activities at the end of the project.
- WSSC Water's goal is to provide a reliable water system to customers.

THANK YOU! QUESTIONS?

