



Brookville Road Water Main Replacement

Project No. BR6305A17

December 1, 2021

AGENDA

- Introduction to Project Team
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- Project Overview
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- What to Expect During Construction
- Project Summary
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Project Team

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- Brandon Stewart, Customer Advocate
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- Michael Baker International, Engineering Design Consultants

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

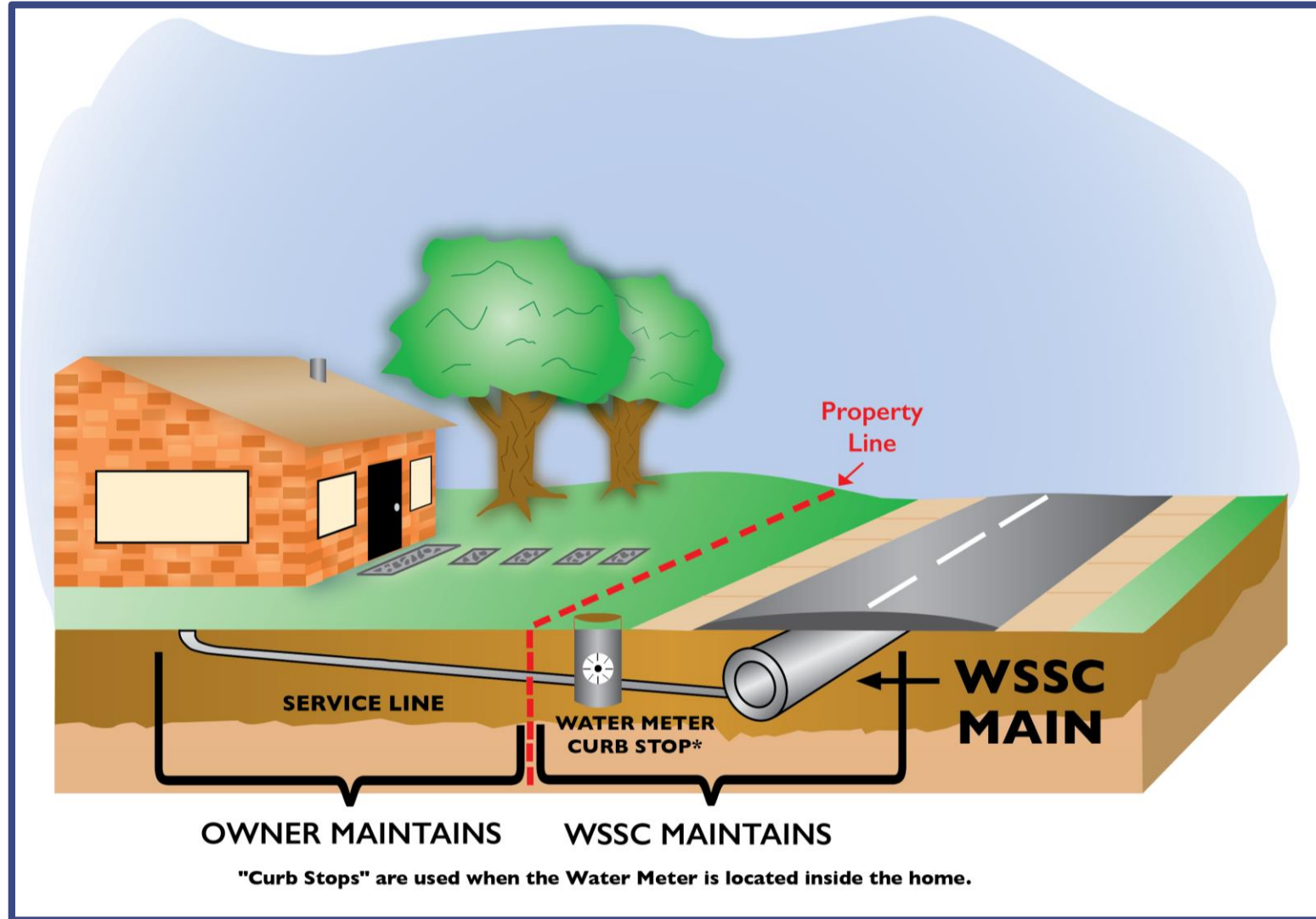


Project Overview

- WSSC Water is strategically replacing and rehabilitating aging water and sewer pipes throughout the service area, as a part of our effort to enhance service and reliability to our customers.
- The project includes replacing approximately **2.6 miles** of water mains, and water house connections up to the property line.
- The current water pipes were installed in the 1920's and are near the end of their life cycle.
- The new water mains will be Polyvinyl Chloride (PVC) pipe, giving the new pipes a life expectancy of at least 100 years.
- By replacing the existing pipes, there should be less disruptions due to leaks and breaks and enhanced emergency needs for the communities

Project Overview

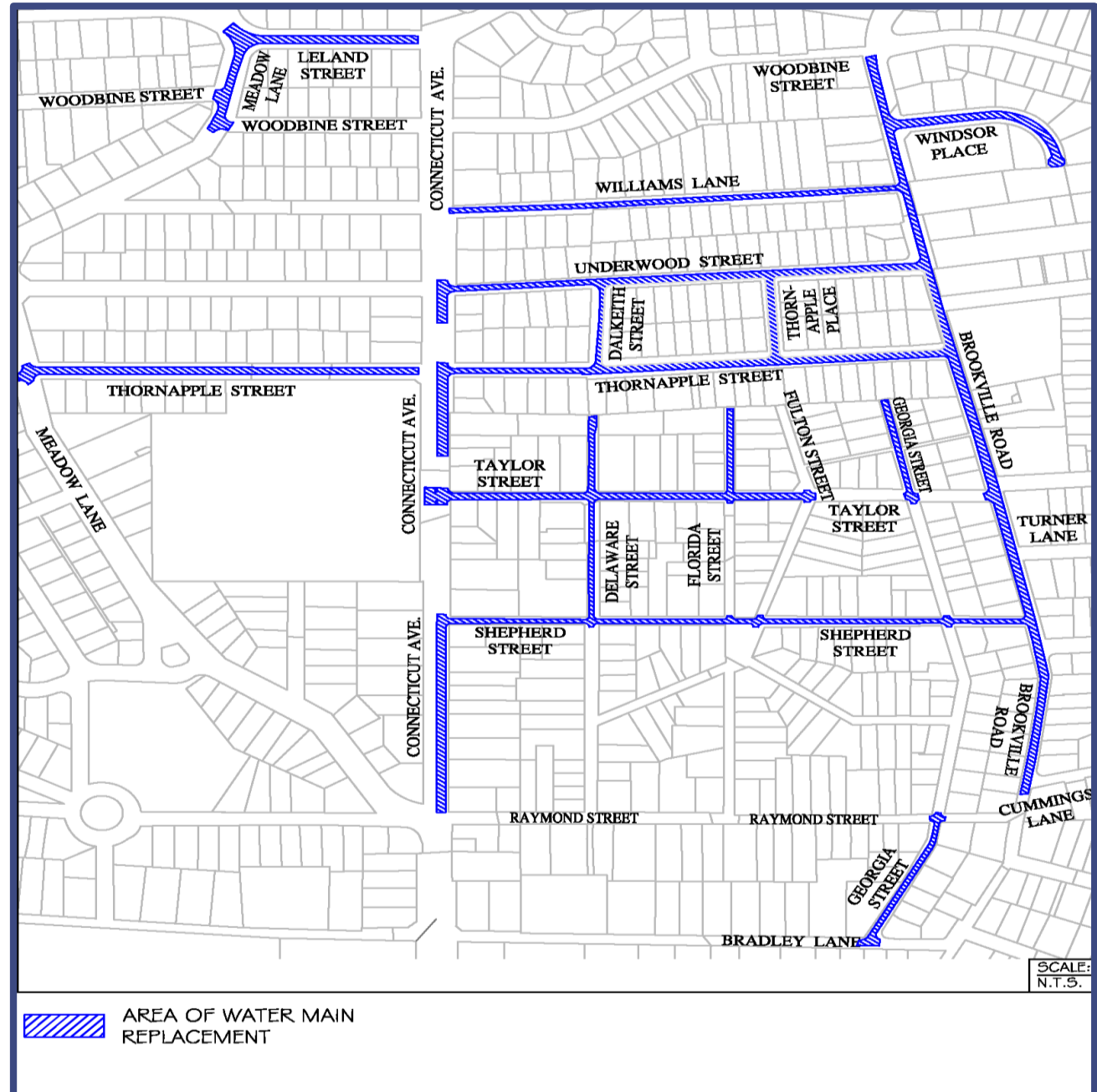
- New watermain will be installed within the roadways
- New water house connections (service lines) will be installed up to the property line
- WSSC Water coordinates with local and state agencies, as well as other utilities for all planned work to avoid potential conflict and minimize disturbances to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



Project Map

Directly Impacted Streets

Bradley Lane	Brookville Road
Connecticut Avenue	Cummings Lane
Dalkeith Street	Delaware Street
Florida Street	Fulton Street
Georgia Street	Leland Street
Meadow Lane	Raymond Street
Shepherd Street	Taylor Street
Thornapple Street	Thornapple Place
Underwood Street	Williams Lane
Windsor Place	Woodbine Street



Estimated Construction Schedule

Anticipated Construction Start: Spring 2022

Estimated Construction Completion: Fall 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?

