

# South Osborne Road Water Main Replacement

Project No. BT4824A19

January 27, 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

- Bhusan Basnet, Design Project Manager  
Phone: 301-206-7946, Email: [Bhusan.Basnet@wsscwater.com](mailto:Bhusan.Basnet@wsscwater.com)
- Kevin Lethbridge, Construction Manager (Construction)  
Phone: 301-206-7339, Email: [Kevin.Lethbridge@wsscwater.com](mailto:Kevin.Lethbridge@wsscwater.com)
- Stephen Billingsley, Customer Advocate  
Phone: 240-444-5803, Email: [Stephen.Billingsley@wsscwater.com](mailto:Stephen.Billingsley@wsscwater.com)
- The Wilson T Ballard Company, Engineering Design Consultants

# WSSC Water Overview



**500,000**  
Laboratory tests per year

**162,000,000**  
gallons per day



delivered to  
**1.8 million**  
residents

**3**  
reservoirs

Our drinking water  
system spans over

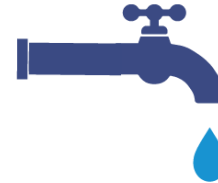
**5,800+ miles**



**2** Water  
Filtration Plants



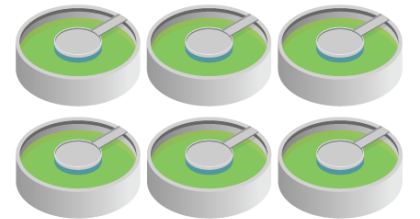
**60**  
Tanks



Our wastewater  
system spans over  
**5,600+ miles**



**55** pumping  
stations



**6** Water Resource  
Recovery Facilities

Est. 1918

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

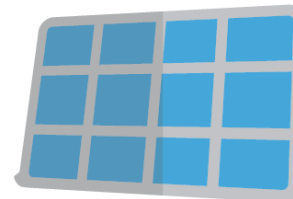


**43,000+**  
FIRE  
HYDRANTS  
MAINTAINED



Using wind and solar  
energy to reduce our  
carbon footprint

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

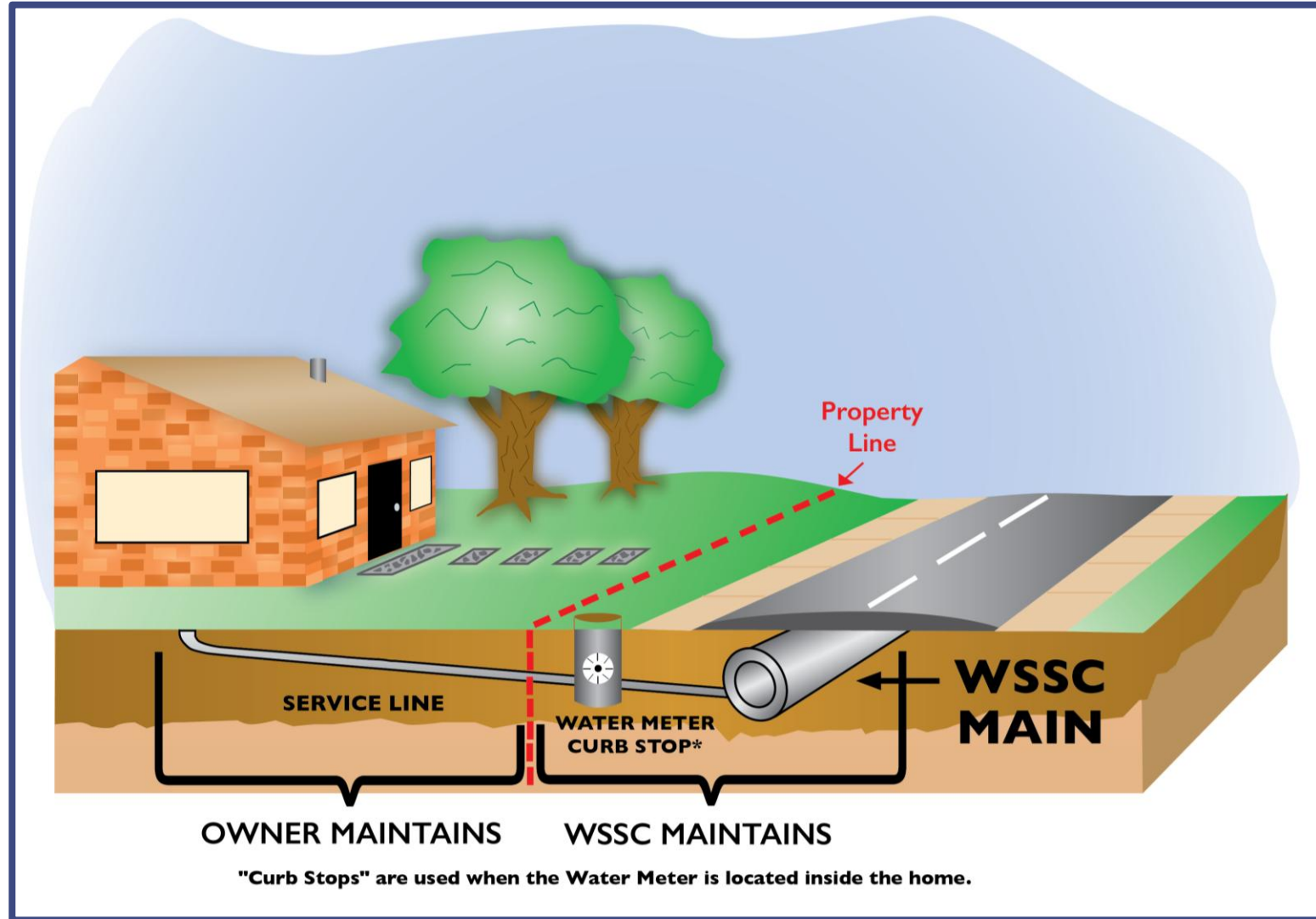


# Project Overview

- 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 **3.66 miles** of water mains, and house connections up to the property line.
- The current water pipes were installed in the 1960's and 1990'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.

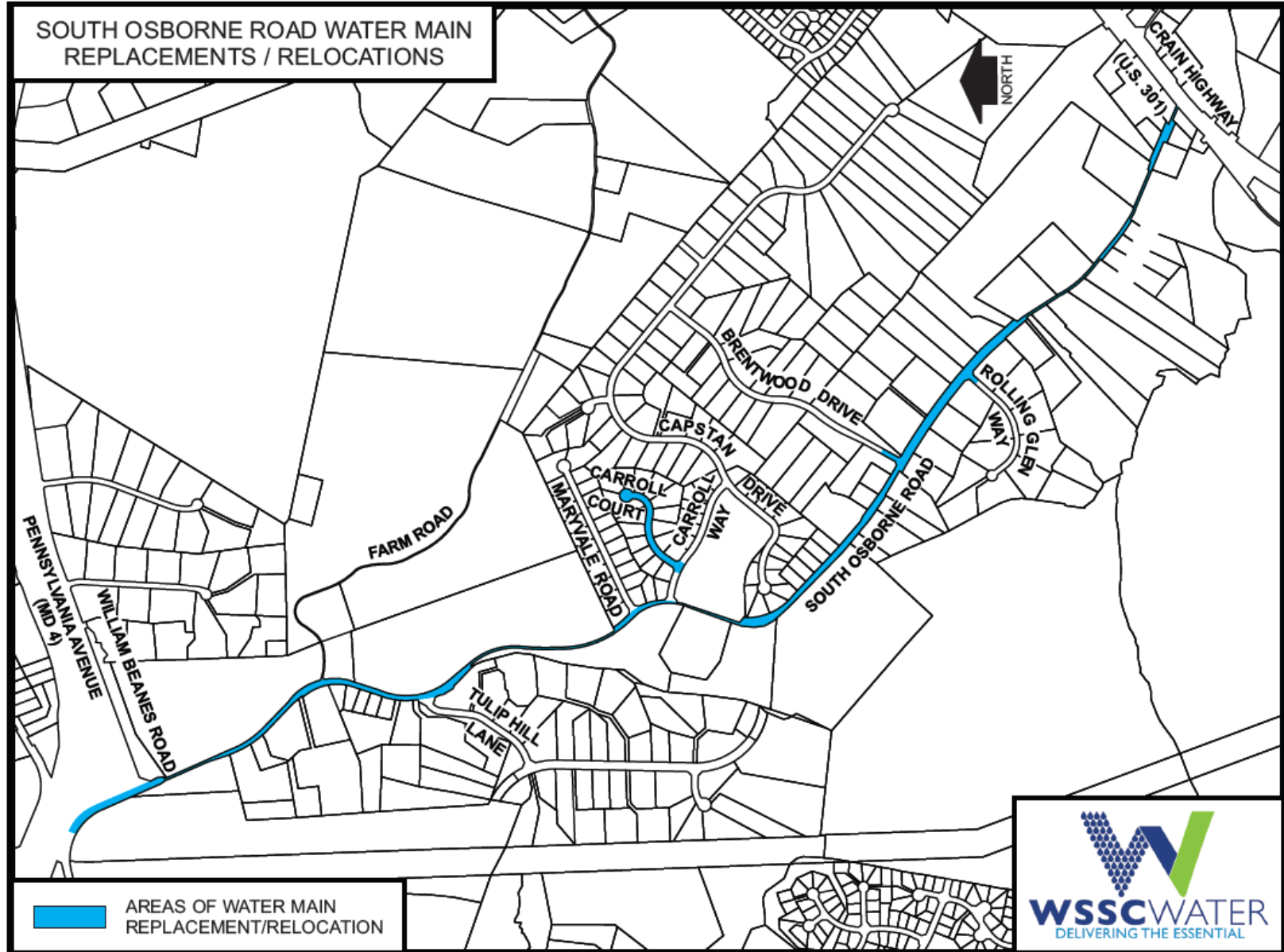




# Project Map

## Directly Impacted Streets

Brentwood Drive  
Carroll Court  
Crain Highway (US 301)  
Rolling Glen Way  
South Osborne Road



# Estimated Construction Schedule

Anticipated Construction Start:	March 2022
Estimated Construction Completion:	March 2025

*\*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 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?

