

48-inch Patuxent Raw Water Pipeline, Phase I and Phase II

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Project Team

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- Project Information Page – www.wsscwater.com/patuxentrwp

Project Overview

- As a part of our effort to enhance service and reliability to our customers, WSSC Water is strategically installing and replacing our water and sewer pipes throughout our service area.
- The project includes the installation of approximately **2.5 miles** of 48-inch large diameter water pipeline from the Rocky Gorge Pumping Station (Brooklyn Bridge Road) to the Patuxent Filtration Plant.
- WSSC Water will also relocate approximately **580 feet** of existing 8-inch water main beginning at 16400 Bond Mill Road ending at the intersection of McCahill Drive and Diploma Drive.
- This project is in conjunction with the Patuxent Water Filtration Plant upgrades that were completed in November 2018.
- The addition of the fourth pipeline increased the plant's production to an average of 72 Million Gallons per Day (MGD) of drinking water with a maximum of 110 MGD if needed.

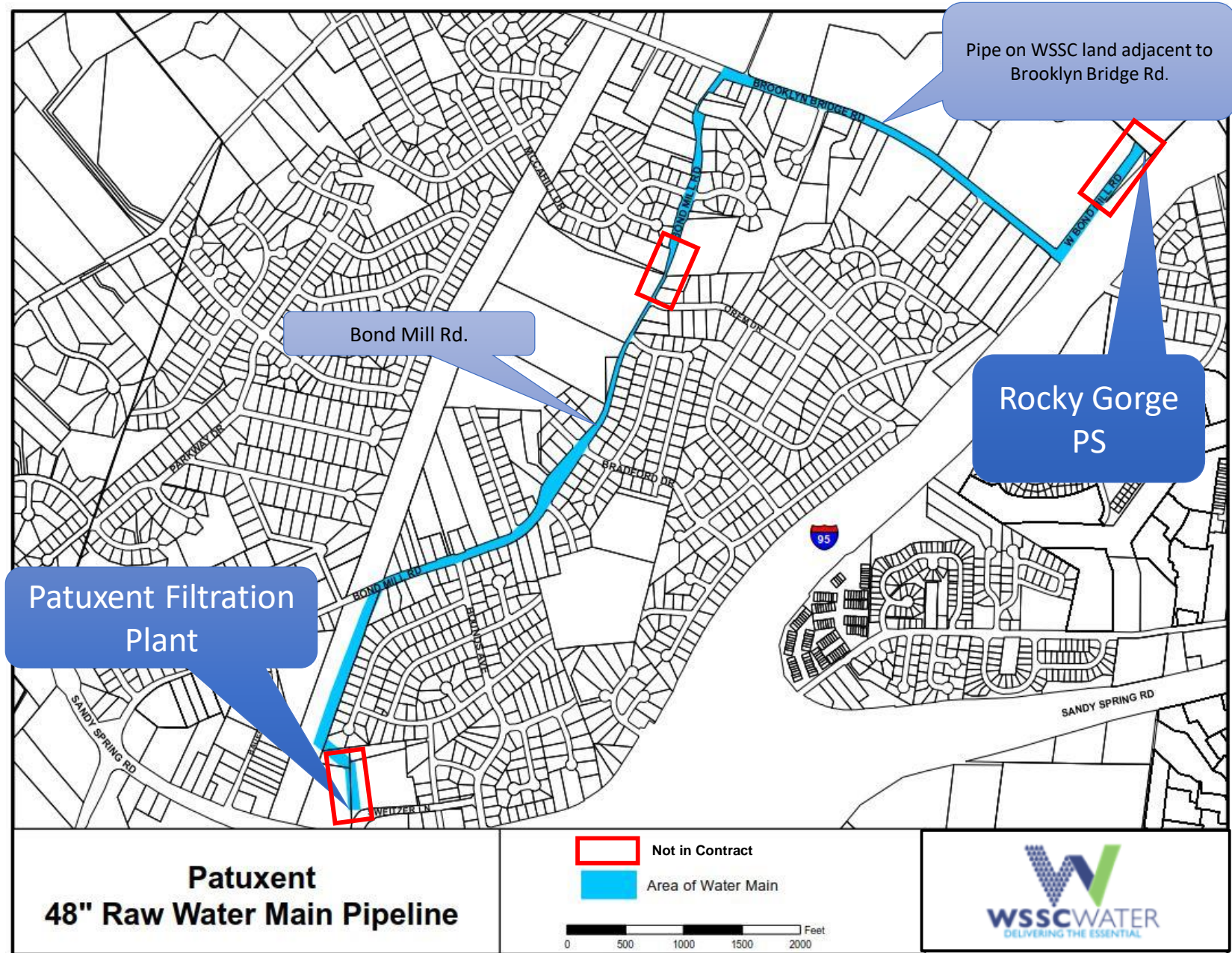
Project Map

Directly Impacted Streets

Bond Mill Road

Brooklyn Bridge Road

West Bond Mill Road



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 (when 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

➤ **Work Hours: Monday-Friday, 9:00 a.m. – 3:30 p.m.**

- Work may occasionally extend beyond these hours to complete specific tasks.
- We will work with the community to adjust work hours to accommodate school hours and special community events.

➤ Construction signs with contact persons will be placed throughout the project area

➤ 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

- Construction activities will require temporary changes to traffic patterns on Brooklyn Bridge Road and Bond Mill Road.
 - WSSC Water will notify residents prior to construction taking place on Bond Mill Road.
 - 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.



Restoration and Paving

- Final restoration of roadways and landscaping will take place within 90 days of construction completion. Projects completed during the winter months will be restored the following spring.
- WSSC Water will repave Bond Mill Road, curb-to-curb from Brooklyn Bridge Road to Route 198.
 - We will work with Prince George's County Department of Public Works and Transportation (DPWT) to adjust current stripping on Bond Mill Road.
 - New lanes will accommodate pedestrians, cyclists and street parking.
- DPWT will be responsible for sidewalk restoration and upgrades.





Fitzpatrick Water Main Replacement Project

Project No. BR6274A17

Project Team

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- Project Information Page – www.wsscwater.com/patuxentrwp

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 **2.84 miles** of water mains, and house connections up to the property line.
- The current water pipes were installed in the 1950's and 1970'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.

Estimated Construction Schedule

Construction Start: Summer/Fall 2021

Estimated Construction Completion: Fall 2023

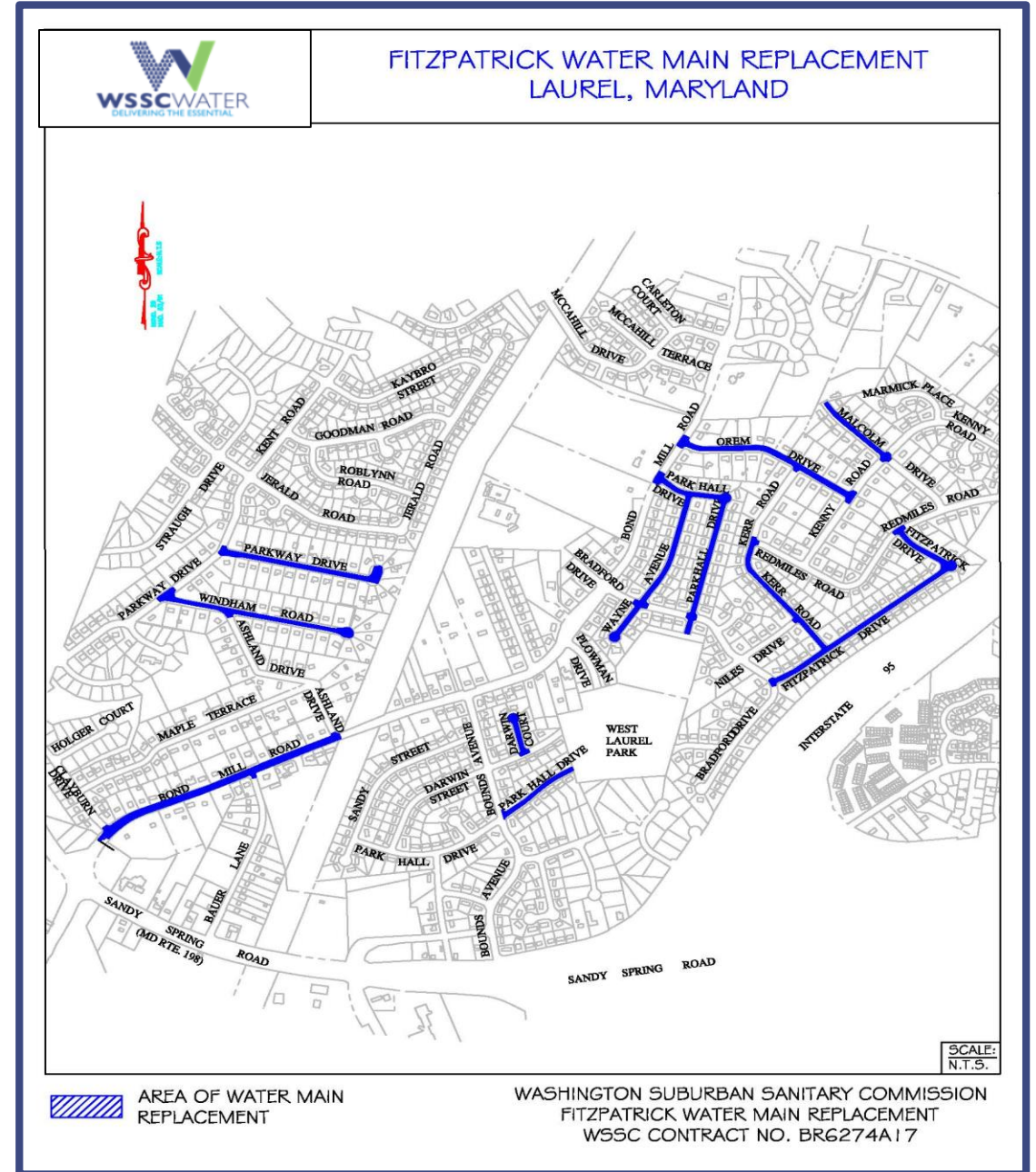
Construction schedules are estimated and weather permitting

Project Map

Directly Impacted Streets

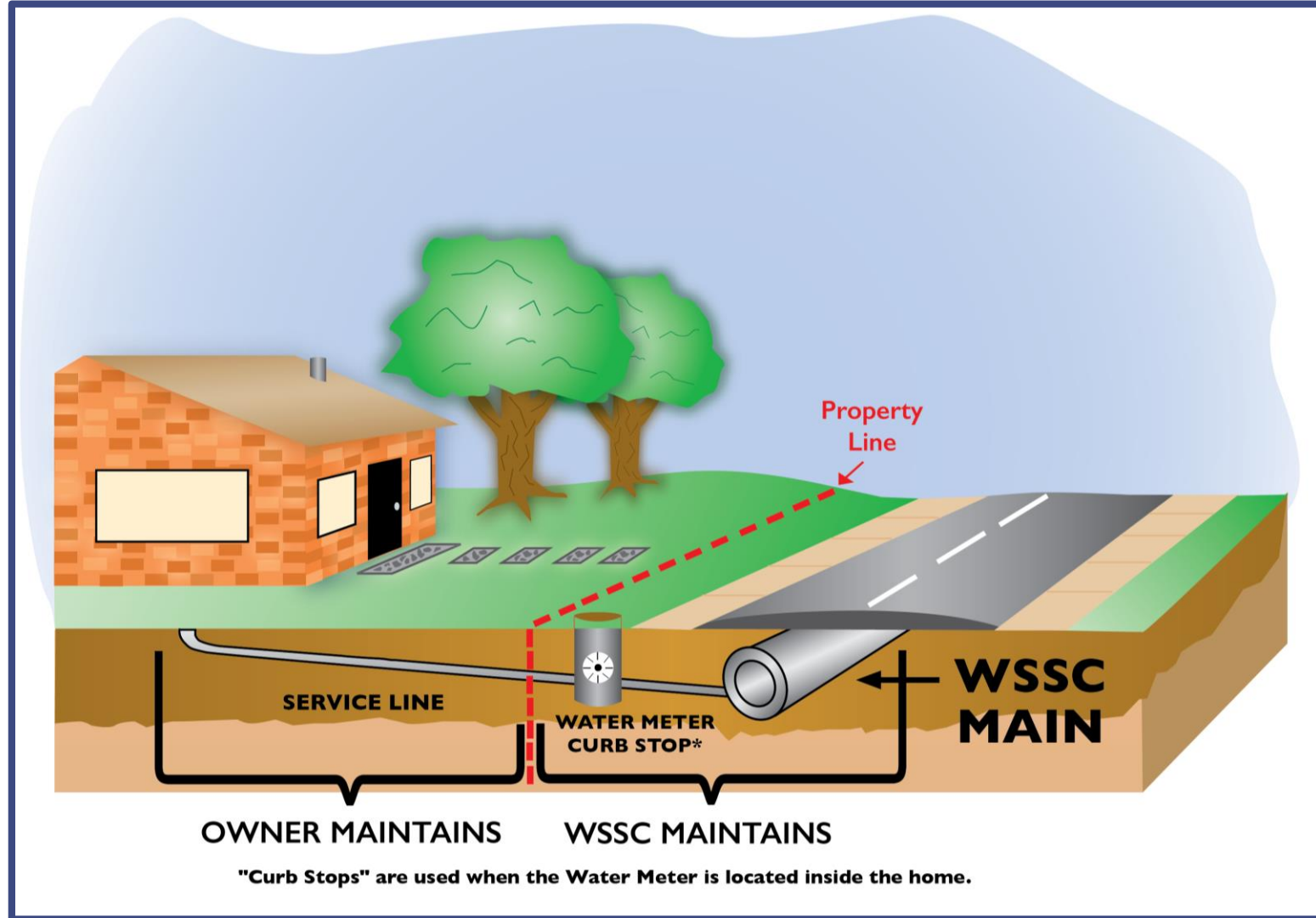
Ashland Drive*
Bauer Lane
Bradford Drive
Bond Mill Road*
Darwin Court
Darwin Street
Fitzpatrick Drive*
Kenny Road
Kerr Road

Malcolm Drive
Niles Road*
Orem Drive
Park Hall Drive*
Parkway Drive*
Redmiles Road
Wayne Avenue*
Windham Road



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.



Temporary Water Service Installation

- Above-ground (bypass) pipes may be installed to maintain water service to your home.
 - Bypass pipes are not used in cold weather months
- These pipes will be placed along the roadway edge and provide the same quality of water to your home.



THANK YOU! QUESTIONS?

