



Project Update: Patuxent 48-Inch Raw Water Pipeline

Project No: [BFI582E9I](#)

Jason Flory, Section Manager, Construction Management

December 2, 2024

Agenda

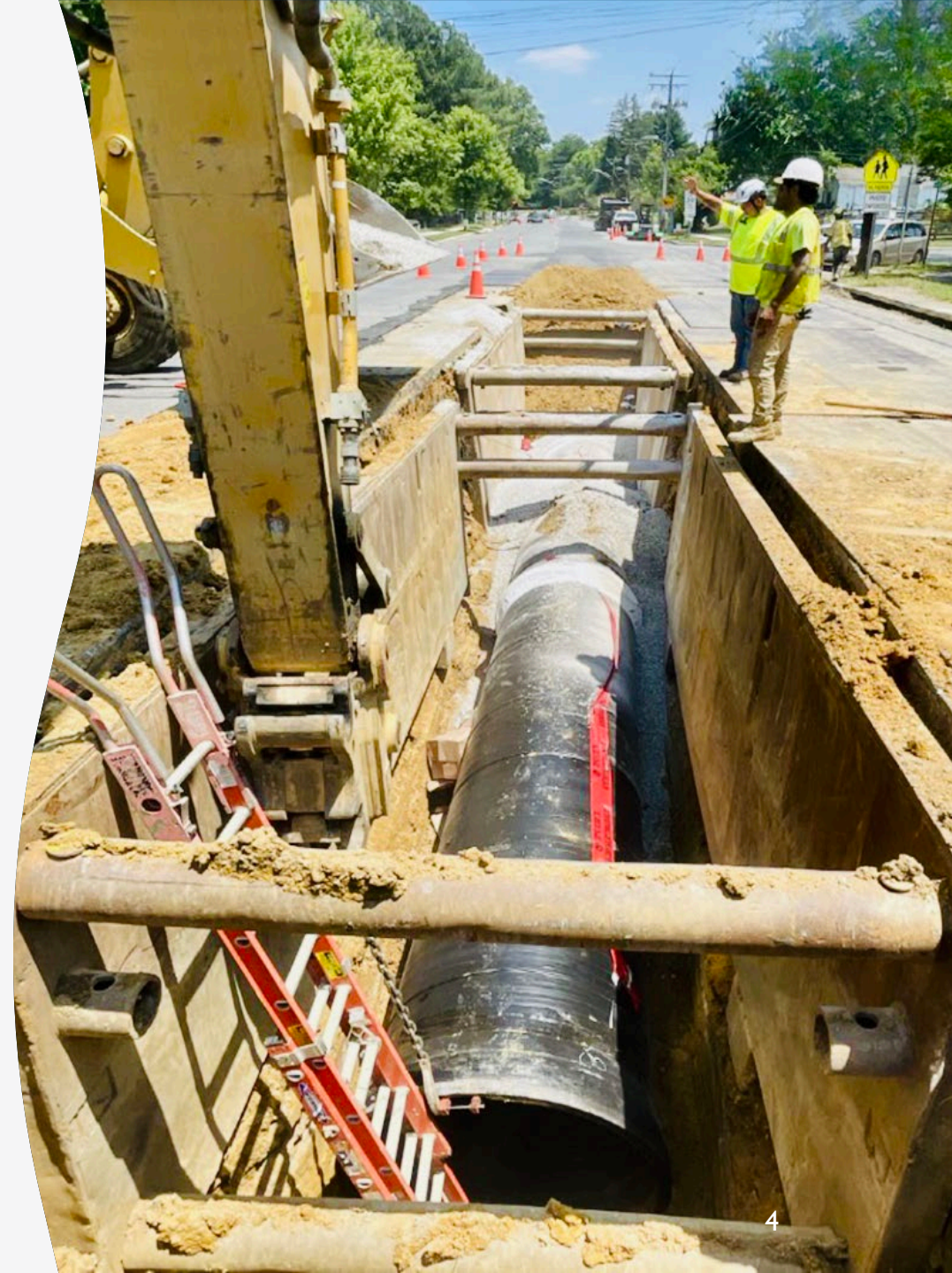
- Welcome and Introductions
- Project Overview
- Recent Milestones
- Project Timeline
- Project Area Cleanup
- Restoration Plan
- Project Map
- Contacts
- Possible Future Improvements to Bond Mill Road
- Questions & Answers

Welcome and Introductions

- Senator James Rosapepe
- Delegate Mary A. Lehman
- Councilmember Thomas Dernoga
- DPW&T Deputy Director Stacey Smalls & Staff
- DPIE Director Dawit Abraham
- DPIE Chief Traffic Engineer Rene Lord-Attivor
- West Laurel Civic Association (WLCA)
- WLCA President Terry Martin
- Key WSSC Water Staff

Patuxent 48-Inch Raw Water Pipeline Project Overview:

- Install approximately 2.5 miles of 48-inch diameter raw water pipeline from Rocky Gorge Pumping Station to Patuxent Water Filtration Plant.
- New pipeline will enable Patuxent Water Filtration Plant to increase production to meet the drinking water needs of Prince George's and Montgomery County residents while ensuring infrastructure resiliency and redundancy.
- Project was delayed due to supply chain issues and underground rock.



Recent Milestones

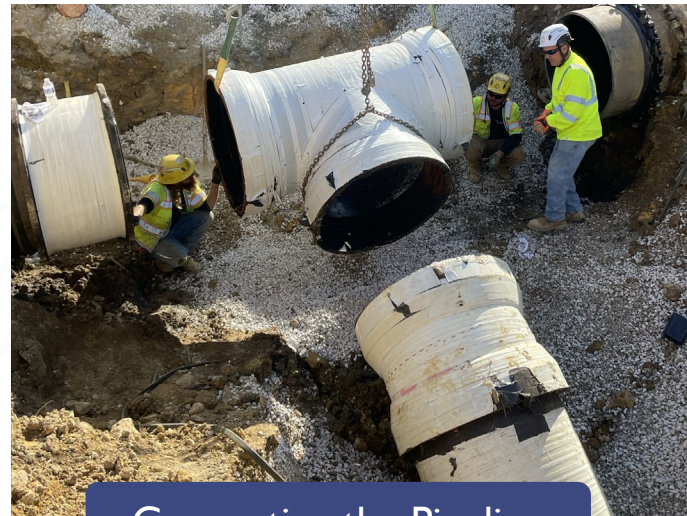
- Pressure testing completed Nov. 6 - no leaks found.
- Contractor completed permanent roadway patching Nov. 13.
- Temporary striping completed Nov. 20.



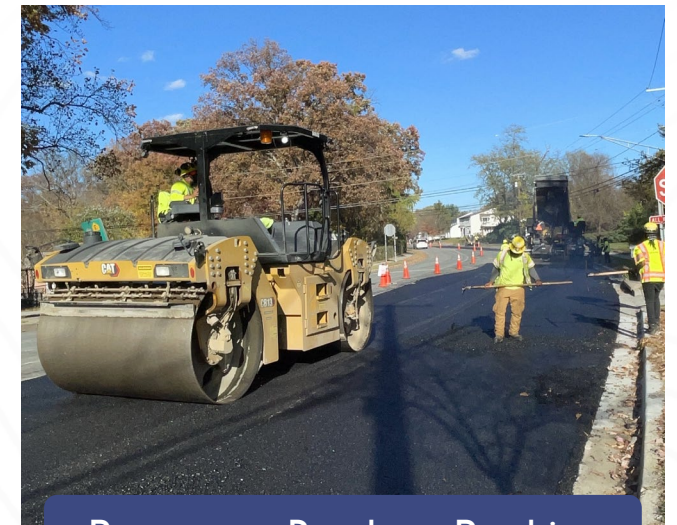
Pressure Testing

Ongoing Pipeline Work

- Work continues to connect new pipeline to existing pipes.
- Tie-in work should be complete this week, weather permitting.



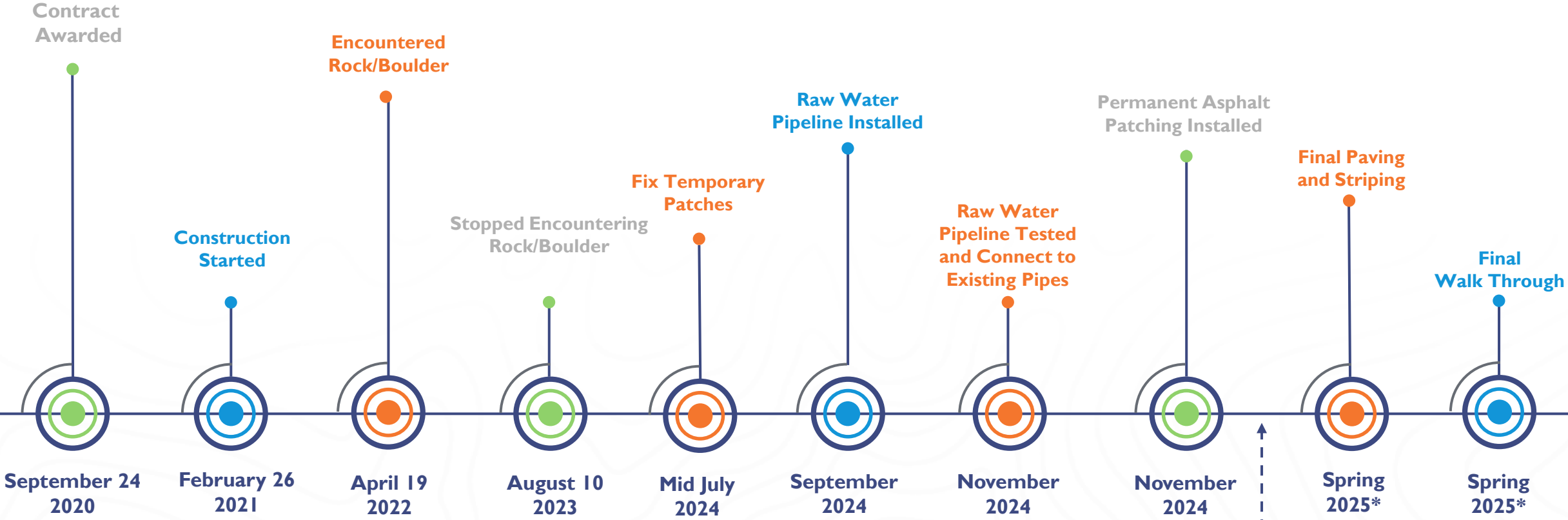
Connecting the Pipeline



Permanent Roadway Patching

Project Timeline - 98% Complete

As of December 2



We Are Here

*Possible delays due to weather and/or materials availability

Project Area Cleanup

- Community expressed concerns regarding trash and overall appearance of the project area.
- WSSC Water responded by cleaning up the area and removing equipment no longer in use.



Before



After



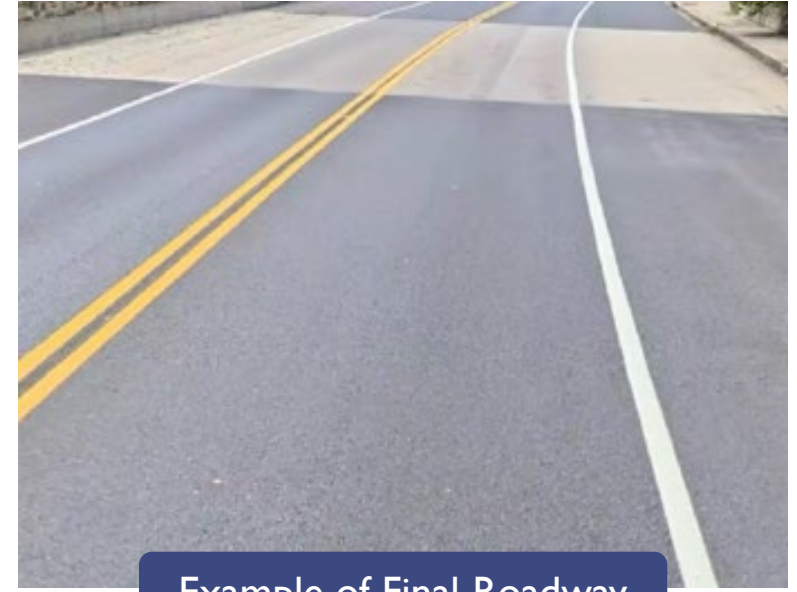
Restoration Plan



Milling



Overlay






Example of Final Roadway

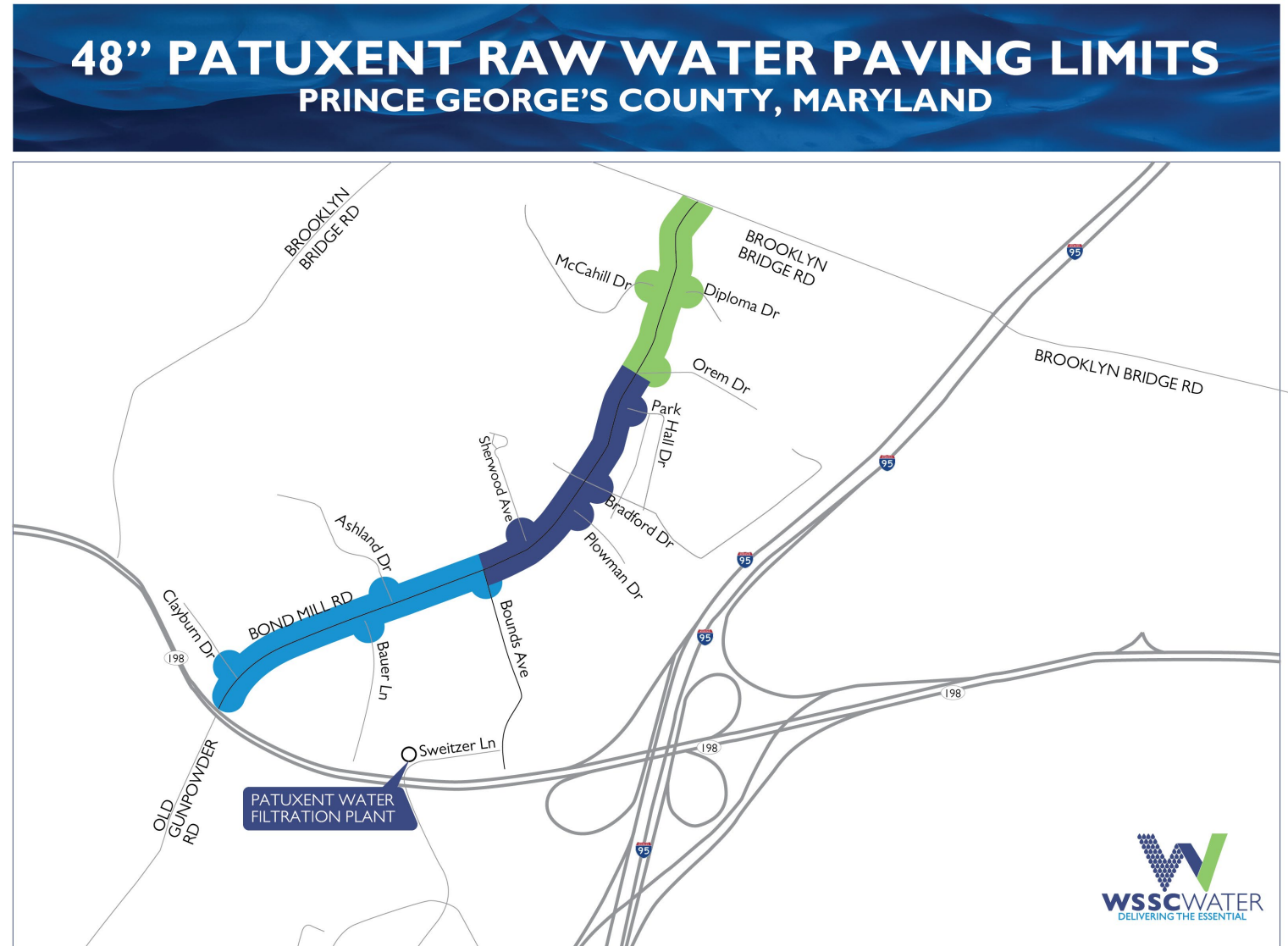
- Repairs to disturbed sidewalks, curbs/gutters and driveway aprons began November 19, and are anticipated to be completed by mid-December.
- All work in preparation for final paving will be completed by end of year.
- Contractor will assess roadway for any additional repairs needed before final paving. If found, repairs will be completed by end of year.
- Final curb-to-curb paving of Bond Mill Road will begin and end in Spring 2025, weather permitting.
- There will be one 11-foot-wide travel lane in each direction.
- Restoration also includes replacing 21 trees - mostly Red Maple (based on availability).
- Tree planting will take place in Spring 2025.

Project Map

Directly Impacted Streets

- Diploma Drive, McCahill Drive, Orem Drive, Park Hall Drive, Bradford Drive, Plowman Drive, Sherwood Ave., Bounds Ave., Ashland Dr., Bauer Lane and Clayburn Drive.
- Paving Bond Mill Rd. in phases from Brooklyn Bridge Rd. to South of Clayburn Dr. - prior to turning lanes onto MD 198.

-  Phase 1: Brooklyn Bridge Rd. to Orem Dr.
-  Phase 2: Orem Dr. to Bounds Avenue.
-  Phase 3: Bounds Ave. just south of Clayburn Dr., almost to MD 198.



Important **Contacts**

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Emergency Services Center

Open 24/7

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Scan or visit
www.wsscwater.com/patuxentrwp
for more information

Possible Future Improvements to Bond Mill Road

- Community is requesting additional tree plantings, safety & sidewalk enhancements.
- DPW&T can explore roadway enhancements based on community input, funding availability & other priorities.





Questions?

