

Department of Public Utilities

Forest Hill Avenue Utility Work

Public Meeting | August 19, 2025



DEPARTMENT OF
**PUBLIC
UTILITIES**

Forest Hill Avenue Sewer Upgrades - History

- Summer 2021

- Sewer at 6935 Forest Hill Ave collapsed.
- Emergency replacement of one line section completed that summer.

- Spring - Fall 2024

- Two sewers collapsed in front of 6815 Forest Hill Ave on consecutive days.
- All sewers in FHA from Windsorview to Powhite Pkwy rehabilitated.
- Sewer on south side of FHA replaced from Joe Brooks to Hathaway.



Forest Hill Avenue Sewer Upgrades – History cont'd

DESCRIPTION OF WORK COMPLETED	TOTAL LINEAR FEET	TOTAL QUANTITY
Sewer Main Replaced	1,203 LF	5 replaced
Sewer Main Rehabilitated	3,695 LF	14 lined
	4,898 LF of Sewer Main Upgraded	19 Sewer Mains Upgraded
Sewer Laterals Replaced	220 LF	12 replaced
Sewer Laterals Rehabilitated	183 LF	12 lined
	403 LF of Sewer Laterals Upgraded	24 Sewer Laterals Upgraded
Manholes Rehabilitated	-	6
New Manholes Installed	-	2
	-	8 Manholes Upgraded

Forest Hill Avenue Emergency Sewer Replacement – Strategy

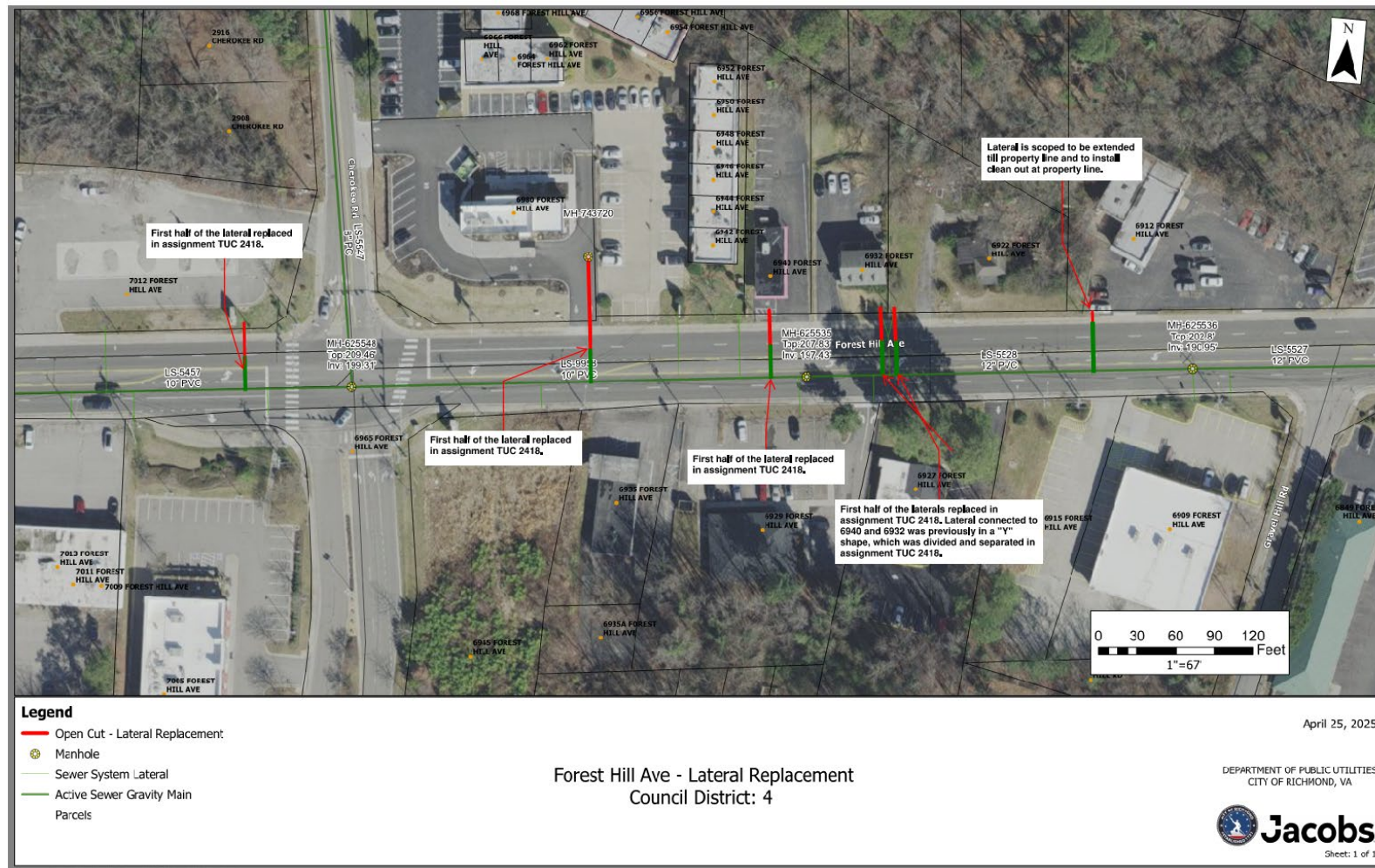
- **Phased Approach**

- The City investigated sewer mains from Chippenham Pkwy to Powhite Pkwy. And identified deteriorated sewers that can be rehabilitated as well as sewers that are blocked, collapsed, or deteriorated to the point that replacement is necessary.
- Ph 1 - Sewer Rehab Work along Forest Hill Ave (FHA) from Melbourne Dr. to the Powhite Parkway – **Completed in 2024**
- Ph 2 – Replacement of approximately 1,200 LF of sewer along FHA from Cherokee Rd to Hathaway Rd. – **Completed in 2024**
- Ph 3 – Sewer Lateral Installations extended from turn lane to properties along the north side of FHA between Joe Brooks and Hathaway. – **September 2025**
- Ph 4 – Replacement of the remaining sewer along 6700 & 6800 blocks of Forest Hill Ave. (between Phases 1 & 2 above), the 2900 block of Hathaway Rd., and the 6900 block of Old Westham Rd. – **Spring 2026**

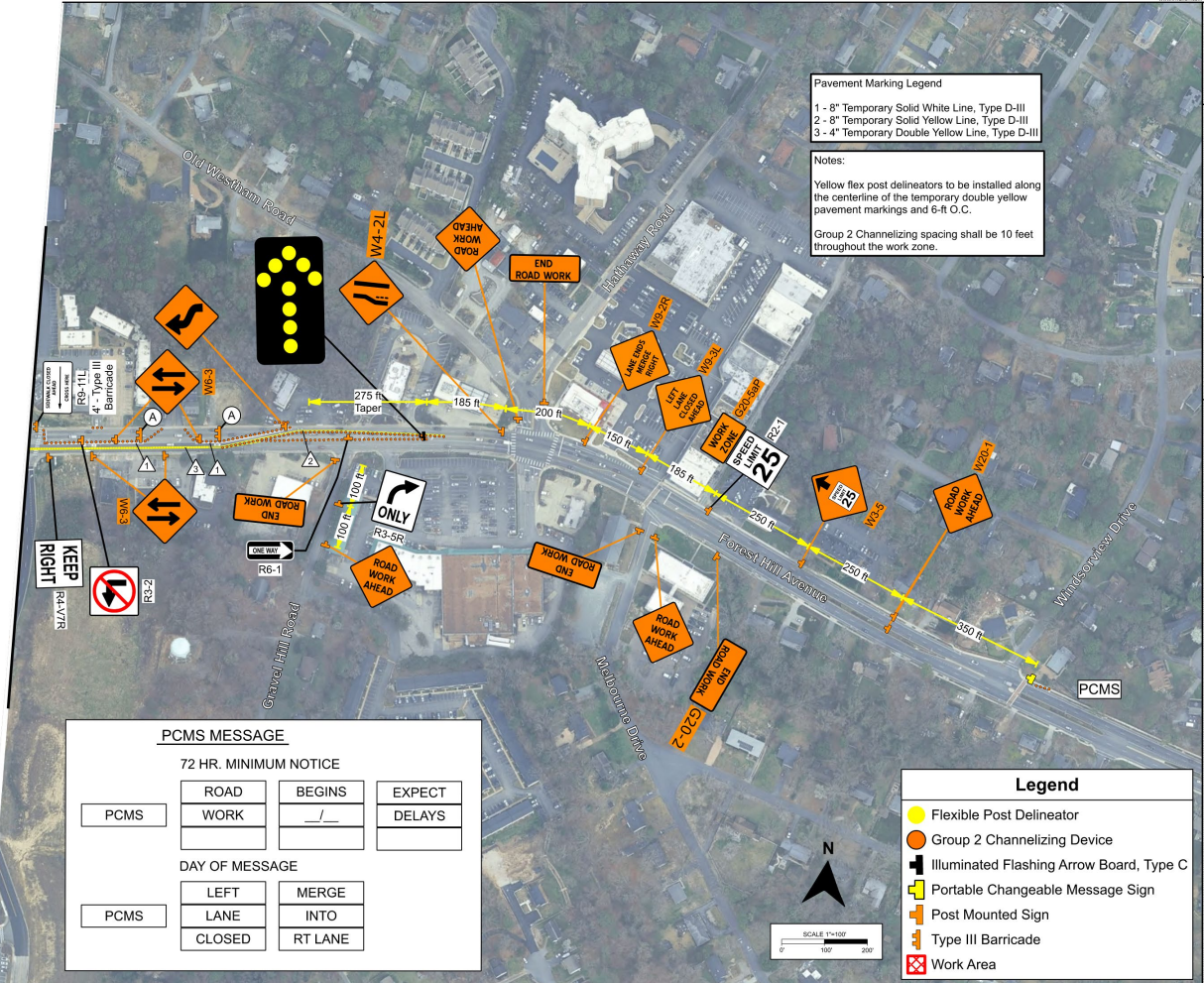
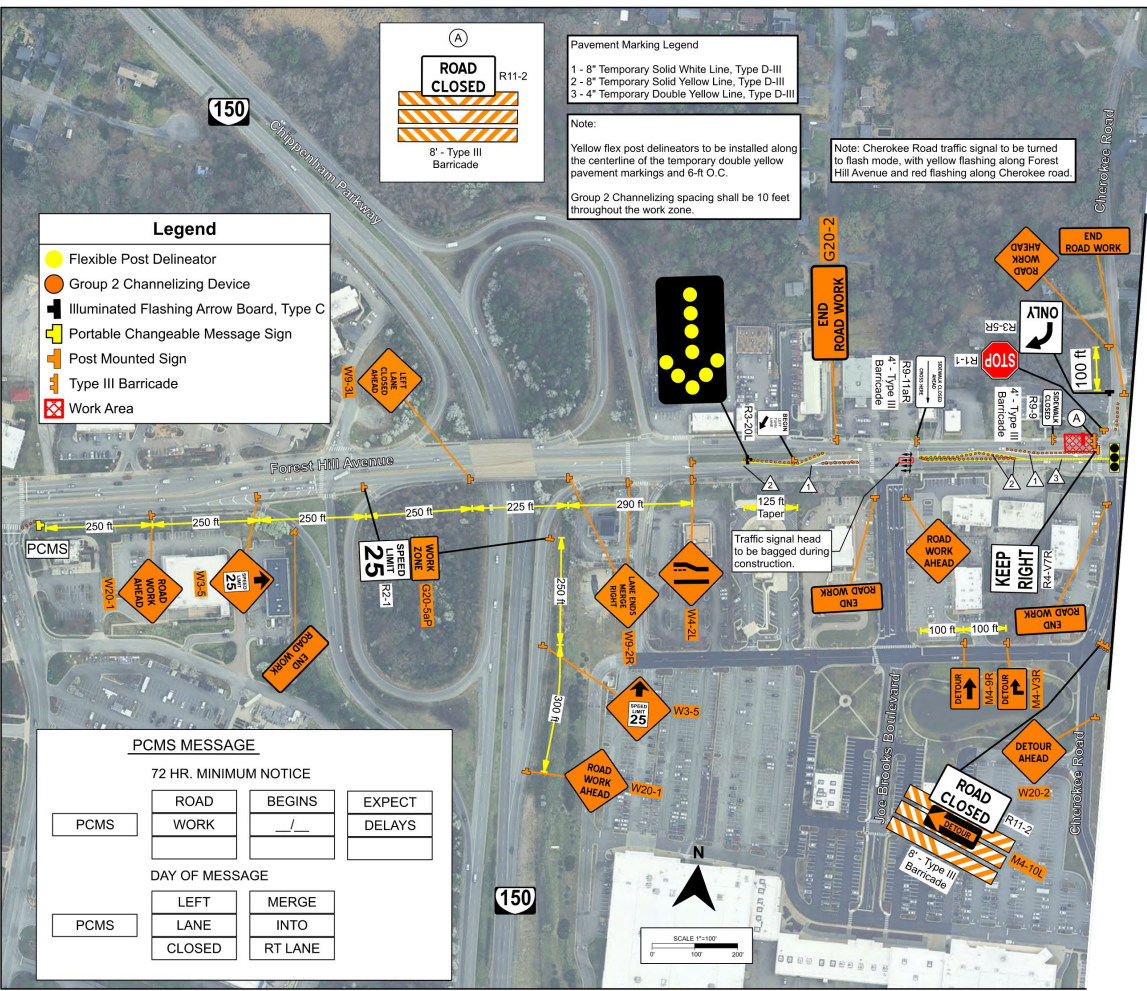
** Future Work



Phase 3 Project Scope



Phase 3 Project Traffic Impacts



Phase 3 Project Traffic Impacts – cont'd

- Lessons Learned & Implemented in this MOT Plan
 - Install & relocate Maintenance Of Traffic at night to minimize confusion for travelling public.
 - Do not impact Hathaway and Cherokee intersections concurrently if avoidable.
 - Tighter spacing of traffic control devices.
 - Minimize phasing/transitions.



Schedule for Remaining Sewer Replacement along FHA Corridor

- Northern Lateral Extensions (Phase 3)
 - 9/2/2025: MOT installed at night
 - 9/8/2025: Sewer replacement work starts
 - 10/17/2025: Sewer Replacement work completed
 - 10/20/2025: Restoration and MOT demobilization starts
 - 10/31/2025: Projected Final Completion
- Future Sewer Work Along FHA (Phase 4)
 - Spring 2026 - Construction Notice To Proceed
 - Spring 2027 – Final Completion



Overall Sewer Infrastructure

- The City's priority has been proactively protecting the traveling public and maintaining sewer and water service to all City residents once the initial failures occurred and the broader issue was identified.
- It was concluded that approximately 7,000 LF of sewer rehabilitation and replacement is necessary along this corridor to accomplish this
- Approximately 5,500 LF completed in this corridor between Chippenham and Powhite since 2021)
 - 3,695 LF of sewer was proactively rehabilitated avoiding an estimated additional 2-yr of open cut construction work in the public ROW along this corridor.
 - For context, over the lifetime of the sewer rehab program (since FY 2009) 410,262 LF of sewer has been rehabilitated and 40,902 LF of sewer has been repaired or replaced.

Water Line Replacements

Water Line Replacements

Work: Water line replacement
Location: 2900 blk of Hathaway Road from Riverside Drive/Longview Drive
Dates: August 25, 2025 – February 2026
Impacts: 9 am – 4 pm closure; Monday – Friday

Work: Water line replacement
Location: Forest Hill Avenue westbound lanes from Hathaway Road to Chippenham Parkway
Dates: **TBD/TENTATIVE** 2026
Impacts: 9 am – 4 pm closure; Monday – Friday

Questions?

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