FLOODACTION

MANAGER'S MESSAGE

The spring of this month has been marked by continuous updates on these ongoing efforts, including the Flood Action Plan, Flood Risk Management Plan and the program initiatives aimed at strengthening our system's resilience.

Regards,
Chief, Section Infrastructure Division

In January, the coverage of CT Weekly's Fishing Report highlighted the Flood Risk Management Plan (FRMP) Phase 1 Study, which is being conducted by the region. While data and reports are a crucial part of the process, the report also underscored the importance of engaging the public in the process.

Across the country, and here in Alexandria, most of us have spoken to someone who has experienced flooding or is dealing with property damage from a recent storm. Although the FRMP Phase 1 Study is focused on the Cameron Run watershed, the lessons learned from this study will be crucial to extend the life of critical infrastructure and to develop a resilient plan for the future of the City of Alexandria.

SPOTLIGHT

Stormwater Management Division Springs into Action This Earth Month

Spring is here — a time of flowers blooming, scooters, and the annual spring cleanup. Spring is also the month that Earth Day is celebrated, and this year's theme is "Our Power, Our Planet." The City of Alexandria's Stormwater Management Division is joining the global movement to triple renewable energy capacity by 2030.

The Stormwater Management Division (SMD) is also celebrating Stormwater Awareness Month (SAM). SAM is an annual event held every spring to promote the importance of clean stormwater. SAM celebrates and raises awareness of the critical role that stormwater plays in keeping our waters healthy.

Throughout the month, SMD will be posting on social media about various topics related to stormwater, including ways to reduce pollution, how to properly dispose of fats, oils and grease, and how to properly dispose of pet waste. Follow the City on Facebook, Instagram, and X (formerly Twitter) to learn more about how you can be a stormwater champion.

To view the full list of events, visit alexandriava.gov/EarthDay.

PROJECT UPDATES

LARGE CAPACITY PROJECTS

Cameron Run Watershed Flood Mitigation Phase 1 Completed Ahead of Commitment, Setting Stage for Future Mitigation Project Construction

Flood Action Alexandria's first large capacity project is getting closer to construction.

The Cameron Run Watershed Flood Mitigation Phase 1 Study, which is part of the City's comprehensive flooding, sewer, and water improvement program, is now complete and ahead of the anticipated date of August 2026.

Virginia American Water begins utility relocation work in late February and has completed approximately 25% of the work. Construction is on track to begin in the fall of 2026 and last approximately 24 months. Phase 2 is now underway and is expected to be complete by the end of 2028.

Phase 1 of the study evaluated several alternatives taken on Cameron Run between Van Dorn Street and Jones Point Park in Alexandria. It ranked the most cost-effective and feasible alternative for further design and construction. The study was conducted through coordination of the Commonwealth segment of the overall cameron construction project in Fairfax County.

Coordination also continues with emergency utility owners to prepare for the relocation of over 2,000 utility poles and over 10 miles of overhead infrastructure planned as part of the project.

Phase 2 of the study is underway and will evaluate the remaining portion of the Cameron Run watershed. Additional stakeholder meetings will be held in the coming months.

See More Large Capacity Projects ➡

NEIGHBORHOOD SPOT IMPROVEMENT PROJECTS

City Prepares for Construction Phase of Edison Cul-de-Sac Drainage Improvement Project and 100 W Reed Avenue Curb Inlet Improvement Project

The City of Alexandria is finalizing utility relocation coordination for a pair of small projects to provide flood relief near the Huntz Springs neighborhood.

The Edison Cul-de-Sac Drainage Improvement Project, large sewer pipes and drains at Four Mile Run, will be constructed after the City finishes a flood-prone cul-de-sac off of the 100 W. Reed Avenue Curb Inlet Improvement Project. The improvements are expected to increase stormwater capacity in the area.

City staff are in the final design phases and expects to complete construction documents for the Edison Cul-de-Sac Drainage Improvement Project by the end of April 2026 to begin construction. The City has accelerated the start of utility relocations, which are now planned to begin in June.

Coordination also continues with emergency utility owners to prepare for the relocation of over 2,000 utility poles and over 10 miles of overhead infrastructure planned as part of the project.

The City is also preparing for the 100 W. Reed Avenue Curb Inlet Improvement Project, which will install new curb inlets and underground pipes to improve stormwater drainage. Utility relocation and other preparatory work is underway, with construction expected to begin in the fall of 2026.

See More Spot Improvement Projects ➡

Utility Relocation Coordination Continues on Hume Avenue Bypass Project

City staff are working with utility companies to prepare the overhead Dominion Utilities Poles for significant upgrades to the storm sewer system as part of the Hume Avenue Bypass Project.

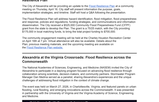
Planned work includes installing a new storm sewer along Hume Avenue to convey stormwater from the Hume Avenue Bypass Project to the Cameron Run Watershed. The project will also install a drainage inlet near Hopkins Place to capture additional stormwater. While the project is underway, the City is also installing a new water main along Hume Avenue to improve water service to the area. The project will connect the existing water mains in Hopkins Place to the Hume Avenue Bypass Project.

The Hume Avenue Bypass Project is a joint effort between the City of Alexandria, Virginia Department of Rail and Public Transport, Virginia Department of Transportation, and Norfolk Southern Corporation. Underground electric has already been completed, and the new roadway is expected to be complete and open to traffic by the end of 2026. The project is being managed by the Virginia Department of Rail and Public Transport, Hume Avenue Bypass Project Manager, Ryan Kelly.

A public meeting was held on March 23 at the W. Ramon Renaudon Center to present the final design and review temporary construction impacts with the community.

To help minimize disruptions, the City has reached an agreement with Trans-Bay to JBA-SK Joint Venture to perform the utility relocation work. Construction is expected to begin in June and last approximately 6 months.

Design Revisions Under Review for Mt. Vernon Cul-de-Sac Inlet and Storm Sewer Improvement Project



City of Alexandria staff are developing new design plans to remove flooding near the Mt. Vernon Avenue cul-de-sac.

Flooding in the area currently exceeds curb inlets and underground storage at Mt. Vernon Avenue to Hopkins Place and Hume Avenue. The City is developing new plans for additional utility lines to improve surface drainage and direct water to a new inlet system at the lower end of the alley.

The City is also working with Dominion Energy to relocate overhead utility lines to underground. This will improve reliability during storms and allow for an expansion of underground utilities to improve drainage.

City staff developed an alternative design to address concerns raised by the community last year. The updated plans were presented to Alexandria Citizen 2026 Advisory Committee on March 26. The City is now reviewing the feedback received from the community and will update construction impacts, what flooding the release design and get total additional meetings with the community to review the updated design and construction impacts.

The project team is working with utility providers to coordinate necessary relocations ahead of construction.

City staff has a community meeting on November 3, 2026, at the Lacrosse Broadening Recreation Center and updated its project information page to provide more information about the project. The project page will be updated with the new design information, including the updated temporary construction impacts that may affect residents and business in the area.

Valley Drive Storm Drain Improvement Project

The City of Alexandria continues to make significant progress on a project to improve drainage and reduce flooding on Valley Drive, Cameron Street, and Hagonegrade.

As part of the Valley Drive Storm Drain Improvement Project, the City will elevate the current roadway by approximately 2 feet. The City will also install new storm sewers, inlets, and pipes to improve drainage and reduce flooding. The project is being managed by the City's Transportation and Environmental Services (T&ES) Stormwater Management Division.

The City completed 20 percent design plans detailing the Rush Inlet Underground Pipe Improvements, which will be presented to the community at a future date.

In February, the City completed additional field investigations and data collection to prepare for upcoming utility relocations. The City is now finalizing the design of the Rush Inlet Underground Pipe Improvements and preparing for utility relocations. The City is also finalizing the design of the Valley Drive