

# **Stormwater Capital Improvement Program**



Report Date 11/14/25

The City of Alexandria's Stormwater Capital Improvement Program Schedule shows planned improvements to the City's storm sewer system. The City's Departments of Project Implementation and Transportation and Environmental Services develop this schedule using information from hired experts, best practices for project management and lessons learned from previous projects. The schedule shows when each project is complete. Project schedules may be impacted by changes in the funding plan, availability of contractors, conflicts with utilities, grant terms or unexpected problems. This version of the schedule shows progress through the report date.

- Project Webpage URL link to the project's public webpage where you can find the most up to date information on the project's progress.
   Project Description Description of the purpose of the project and/or problem it intends to address.
- Current Phase Designates which of the three phases the project is currently in. Each project progresses through three phases: planning, design, and construction.
- Total Planned Budget The total of prior and current fiscal year authorized funds plus future planned funds through year 10 in the current approved CIP Budget.
   Funding Sources Where the project funding is coming from.
- - · SWU City of Alexandria Stormwater Utility Fee
  - ARPA Federal Government American Rescue Plan Act
  - · CFPF Virginia State Community Flood Preparedness Fund · HUD - Federal Housing & Urban Development Community Project Fund
- -SSF Sanitary Sewer Fund Schedule Shown in calendar year, the schedules displays the current timeline for each phase of the project

# **Bellefonte Ave Storm Drain Improvements**

#### **Project Webpage**

https://www.alexandriava.gov/capital-projects/project/bellefonte-avenue-storm-drain-improvements

#### **Project Information**

Current Phase: Design Total Planned Budget: \$1,564,869.29

**Funding Sources:** SWU

# **Project Description**

The Bellefonte Avenue Storm Drain improvement project aims to improve the local storm drainage system along East Bellefonte Avenue and East Howell Avenue to convey the City's 10-year, 24-hour storm event . The project seeks to mitigate the impact of large storm events without worsening flooding elsewhere in the City. A federal grant application for a FY 2025 Community Directed Funding/Earmark grant administered through Housing and Urban Development (HUD) in the amount of \$1,565,000 was submitted to fund this project.

#### Schedule - Calendar Year (CY)

2022 2023 2024 2025 2026 2027 Q1 Q2 Q3 Q4 Q1 Q2 Q3

Design Construction



### Project Webpage

https://www.alexandriava.gov/capital-projects/project/clifford-avenue-fulton-street-and-manning-street-storm-sewer-

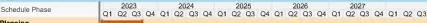
### **Project Information**

Current Phase: Design \$831,630.00 Total Planned Budget: **Funding Sources:** SWU, HUD (Beyer)

# **Project Description**

The Clifford Avenue, Fulton Street and Manning Street (CFM) Storm Sewer Improvements Project will provide flooding mitigation to townhouses along the 3000 block of Fulton Street and Manning Street. The alley bound between the two streets will be re-built to channelize surface flow and improve drainage. Pervious pavement and underground storage will be installed to capture and attenuate stormwater runoff. Relocation of fiber conduit from the alley to Manning and Fulton streets is required prior to the start of construction. This project is supported by \$420,000 in grant funding from the Housing and Urban Development (HUD) Community Project Fund.

# Schedule - Calendar Year (CY)



Design Construction

# **Edison St. Storm Sewer Upgrades**

# **Project Webpage**

https://www.alexandriava.gov/stormwater-management/edison-street-and-dale-street-early-phase

# **Project Information**

Current Phase: Design Total Planned Budget: \$979,000.00 **Funding Sources:** SWU, CFPF

# **Project Description**

The Edison St. Storm Sewer Upgrades Project proposes to upgrade the storm sewer system capacity along the 3800 block of Edison Street to the outfall in Four Mile Run Park. Additional inlets are proposed along Edison Street to increase storm water capture. These storm sewer improvements are a portion of the future Large Capacity Project – Edison and Dale that have been accelerated upon receiving funding from Virginia Community Flood Preparedness Fund (CFPF) prior to the funding becoming available in FY 2026.



# Four Mile Run and Hoofs Run Inlet Installation and Enhancement

#### **Project Webpage**

https://www.alexandriava.gov/capital-projects/project/four-mile-run-and-hooffs-run-inlet-installation-and-enhancement

#### **Project Information**

**Current Phase:** Design Total Planned Budget: \$1.584.100.00

Funding Sources:

#### **Project Description**

This project will focus on comprehensive analysis of the existing stormwater inlet capacity across Four Mile Run and Hooffs Run watersheds. By evaluating the capacity of existing stormwater inlets within these two watersheds, this project will provide recommendations on installing new inlets and upsizing existing ones to mitigate local flash floods and to enhance the overall conveyance efficiency of the storm sewer system. The project receives funding from the City's Stormwater Utility and the Virginia Community Flood Preparedness Fund (CFPF) grant.



# **Hume Ave Stormdrain Bypass**

#### **Project Webpage**

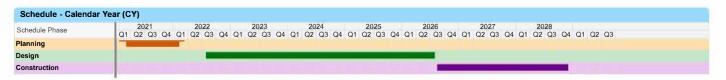
https://www.alexandriava.gov/tes/hume-avenue-bypass-project

#### Project Information

Current Phase: Design Total Planned Budget: \$5,090,289.00 Funding Sources: SWU, ARPA

#### **Project Description**

The Hume Avenue Storm Sewer Bypass Project will install storm sewer and inlets along the 100 block of Hume Avenue and E. Raymond Avenue. The addition of a new utility within each right-of-way requires the relocation of gas, electric, water and sanitary systems. On E. Raymond Avenue the sanitary sewer will be upgraded to a larger pipe in tandem with its re-location. Hume Avenue will be re-built to restore conveyance along the curb and gutter.



# Large Capacity - Commonwealth Ave & E.Glebe/Ashby St & Glebe Rd

# **Project Webpage**

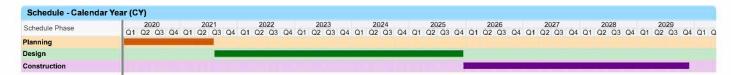
https://www.alexandriava.gov/stormwater-management/commonwealth-ashby-glebe-flood-mitigation-projec

### Project Information

**Current Phase:** Design Total Planned Budget: \$47,166,354.00 **Funding Sources:** SWU, CPFP

# **Project Description**

This project will improve storm sewer system to mitigate flooding for the future 10-year design storm at two problem areas: the intersection of Commonwealth Ave and Ashby St, and at the intersection of Ashby St and E Glebe Rd



# Mt Vernon and Edison Dual Culvert Replacement Project

# **Project Webpage**

https://www.alexandriava.gov/stormwater-management/mount-vernon-dual-corrugated-metal-pipe-cmp-culvert-replacement-project

# **Project Information**

Current Phase: Total Planned Budget: \$2,500,000.00 **Funding Sources:** SWU, CFPF

# **Project Description**

The project upgrades an existing Dual Corrugated Metal Pipe (CMP) culvert system to convey larger storm events, reducing the chance of surcharging in Mount Vernon Avenue. The project receives funding from the City's Stormwater Utility and a grant from the Virginia Community Flood Preparedness Fund (CFPF)

# Schedule - Calendar Year (CY)

2022 2023 2024 2025 2026 2027 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Schedule Phase

Design

Construction

# Mt. Vernon Cul-de-sac Inlets and Alley Storm Sewer Improvements

#### **Project Webpage**

https://www.alexandriava.gov/capital-projects/project/mt-vernoncul-de-sac-inlets-and-alley-storm-sewer-improvements

# **Project Information**

Current Phase: Design
Total Planned Budget: \$2,055,841.00
Funding Sources: SWU, ARPA

### **Project Description**

The Mt. Vernon Cul-de-sac Inlets and Alley Improvements Project will provide flood mitigation for townhomes on the 100 block of Mt. Vernon Avenue. Inlets and runoff storage vaults will be installed on Mt. Vernon Avenue and its adjacent alleyway to capture runoff. The alleyway will be regraded to improve surface drainage into the downstream swale. The existing drinking water line will be relocated.



# **Nethergate Storm Sewer Improvements**

#### Project Webpage

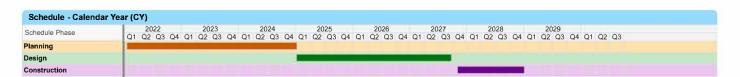
https://www.alexandriava.gov/capital-projects/project/nethergatestorm-sewer-improvements

### **Project Information**

Current Phase: Design
Total Planned Budget: \$1,587,951.82
Funding Sources: SSF

## **Project Description**

The purpose of this project is to mitigate flooding in the Nethergate Townhome community based on reports from residents after intense rainfall events. The project area is bound by Bashford Ln to the north, Second St. to the south, Portner Rd to the west and W Abingdon Dr to the east. As part of this project, the design team will analyze hydraulic capacity of the existing storm sewer, and develop alternatives to mitigate flooding.



# S Jordan St. Stormwater Improvement Phase II

### **Project Webpage**

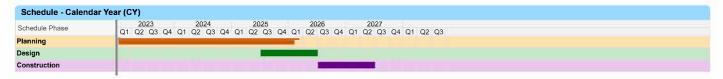
https://www.alexandriava.gov/capital-projects/project/s-jordon-st-stormwater-improvement-project-phase-ii

# **Project Information**

Current Phase: Planning
Total Planned Budget: \$1,360,000.00
Funding Sources: SWU

# **Project Description**

This project will design a solution to reduce backyard flooding risk to the maximum extent practicable on the north side of the block of 95 to 127 South Jordan Street. After the field investigation, reviewing CCTV recordings and reading the consultant's recommendations, one small scale project was identified. SWM team to work with private property owners along S Jordan St and 4600 Duke to improve the existing swale and conveyance on private property. The City will plan to obtain a 15-ft. wide permanent easement for the storm drain system in this neighborhood as part of this project. Obtaining an easement will allow the City to maintain the storm drain system without having to request permission for entry.



# Valley Drive Storm Drain Improvements

# **Project Webpage**

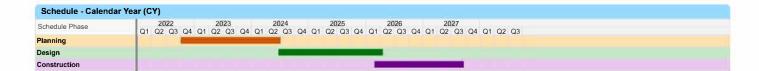
https://www.alexandriava.gov/capital-projects/project/valley-drive-storm-drain-improvements

### **Project Information**

Current Phase: Design
Total Planned Budget: \$3,879,999.29
Funding Sources: SWU

# **Project Description**

The Valley Drive Storm Drain improvement project aims to improve the local storm drainage system, specifically targeting areas prone to flooding during the City's standard 10-year, 24-hour storm event along Valley Drive, Crestwood Drive, Summit Avenue, and Dogwood Drive. The project seeks to mitigate the impact of larger storm events while ensuring that improvements do not worsen flooding in other parts of the drainage system. Following City Council approval, staff is working on an application for a state Community Flood Preparedness Fund (CFPF) grant for a 60/40 match in the amount of \$2,160,000 with local Stormwater Utility funding of \$1,440,000 identified for the match.



# W. Reed Ave & Dale St Storm Sewer Improvements

# Project Webpage

https://www.alexandriava.gov/stormwater-management/edison-street-and-dale-street-early-phase

# Project Information

 Current Phase:
 Design

 Total Planned Budget:
 \$2,230,000.00

 Funding Sources:
 SWU

# **Project Description**

W. Reed Ave & Dale St. Storm Sewer Improvements Project proposes new inlets and storm sewer along the 100 block of W. Reed Ave and capacity improvements along the downstream system to the outfall in Four Mile Run Park. These storm sewer improvements are a portion of the future Large Capacity Project – Edison and Dale that have been accelerated with Virginia Community Flood Preparedness Fund (CFPF) prior to the funding becoming available in FY 2026.



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