Stormwater Utility and Flood Mitigation Advisory Committee

November 18, 2026 Meeting

Tonight's Agenda

1. Welcome (6:30pm, 5 min)
2. Approval of Minutes from September 2026 (6:35pm, 5 mins)
3. Program update from City Staff (6:40pm, 60 min, City staff)
    - Large capacity projects: Commonwealth/Ashby/Glebe (CAG)
    - Combined sewer projects
    - Spot Improvements
    - Sanitary sewer projects
    - Communications
    - Maintenance
4. Update on Flood Resiliency Plan by City Staff (7:40pm, 10 min, City staff)
5. Brief status update on the flood mitigation grant program and FY2028 Stormwater CIP next steps (7:50pm, 10 min, City staff)
6. Discussion of Committee memo to City Manager regarding proposed FY2028 SW Fee (8:00pm, 10 min, John Hill)
7. Public comment (8:10pm, 15 min)
8. Adjourn (8:25pm)

Welcome remarks

AGENDA ITEM #1

Approval of Minutes

AGENDA ITEM #2

Program Update from City Staff

AGENDA ITEM #3

Flood Action Progress Report: Commonwealth, Ashby, Glebe

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

Project Webpage

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

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

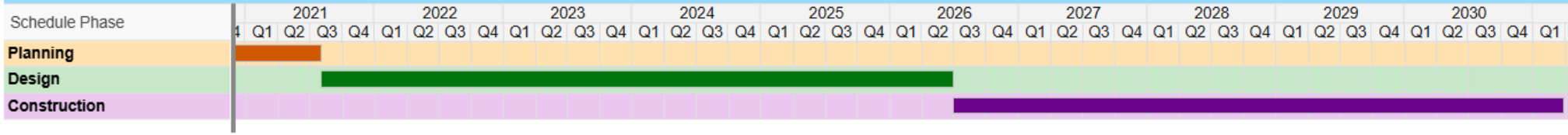
Project Information

Current Phase: Construction

Total Planned Budget: $79,249,898

Funding Sources: SWU, CPFP

Schedule - Calendar Year (CY)



Flood Action Progress Report: Commonwealth, Ashby, Glebe

- **Design phase complete.** City multidisciplinary review was completed on July 2, 2026.
- **Utility relocation coordination continues.** Virginia American Water has completed its relocation work. The City continues to coordinate with Washington Gas, Verizon, and fiber companies on remaining relocations and construction sequencing.
- **Preconstruction planning is advancing.** The City is procuring independent support to validate the construction cost estimate, refine sequencing and scheduling, and review constructability.
- **Construction procurement planning continues.** The City is seeking utility relocation schedules to establish procurement and construction timing and continues to evaluate contractor prequalification.

Flood Action Progress Report: CSS

Nethergate ($5M) CSO surcharge mitigation:

- **The City received the 60% design submission on November 6, 2026.** Utility test pitting is complete, and the submission is being routed for internal review.
- **The next step is preparation and submission of the first formal NPS right-of-way package following City review.** Coordination with NPS continues to advance access and permitting requirements.
- **NPS review remains a key schedule milestone.** The next public meeting will follow the initial right-of-way package review, allowing the City to provide a more informed update on project timing and next steps.

Nethergate Storm Sewer Improvements

Project Webpage

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

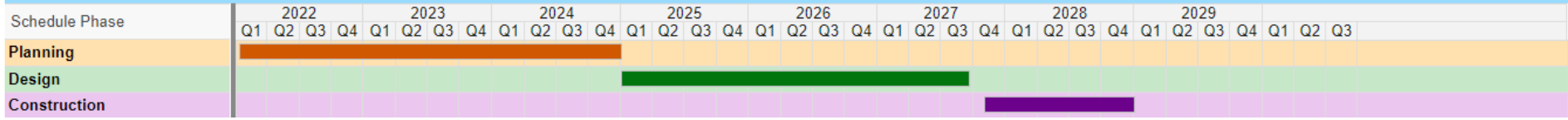
Project Description

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.

Project Information

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

Schedule - Calendar Year (CY)



Flood Action Progress Report: Neighborhood Spot Projects

Bellefonte Ave Storm Drain Improvements

Project Webpage

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

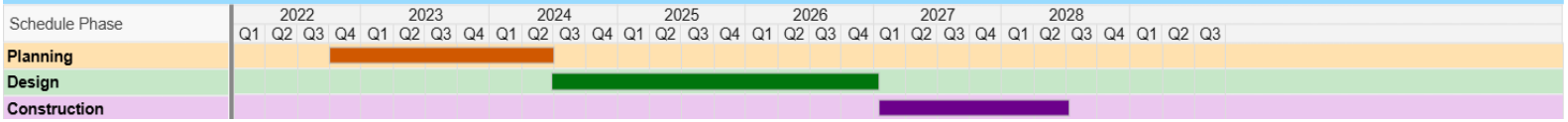
Project Information

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. The project was awarded a grant of $1,092,000.00.

Schedule - Calendar Year (CY)



ON-GOING

- Continued 90% design review
- Continued 3rd party utility engagement

FORECASTED

- Complete 90% design review

Buddie Ford Outfall and Staircase Rehabilitation

Project Webpage

TBD

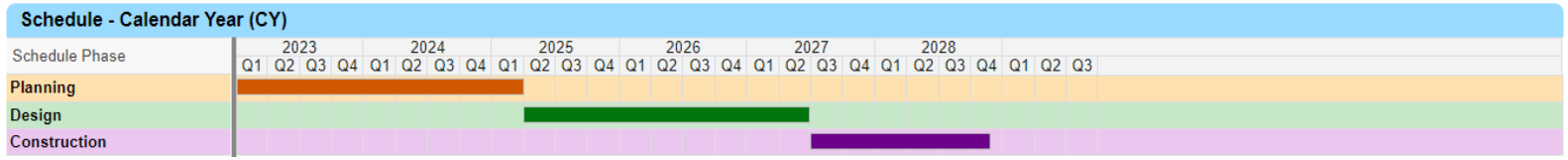
Project Information

Current Phase:	Design
Total Planned Budget:	$500,000.00
Funding Sources:	TBD

Project Description

This project involves stabilizing the storm sewer outfall draining the Buddie Ford Nature Center Parking lot. The outfall is located near the top of a steep slope in a wooded area. There is undercutting beneath the outfall structure and concrete apron, and the soil has eroded down to bedrock downstream of the headwall. The project will involve the installation of a new drop manhole and outfall structure at the bottom of the slope, along with a stilling basin or plunge pool at the new outlet to mitigate erosion from outlet velocities. The nearby staircase will be revitalized, and its design will follow National Park Service and Forest Service standards.

Schedule - Calendar Year (CY)



ON-GOING

- Advancing design toward the 30% submission
- Completed geotechnical investigation
- Completed tree inventory

FORECASTED

- Receive and review the 30% design submission
- Coordinate with City arborist staff on tree impacts and mitigation
- Prepare public communication materials

Flood Action Progress Report: Neighborhood Spot Projects

Clifford Ave, Fulton St. & Manning St. (CFM) Storm Sewer Improvements

Project Webpage

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

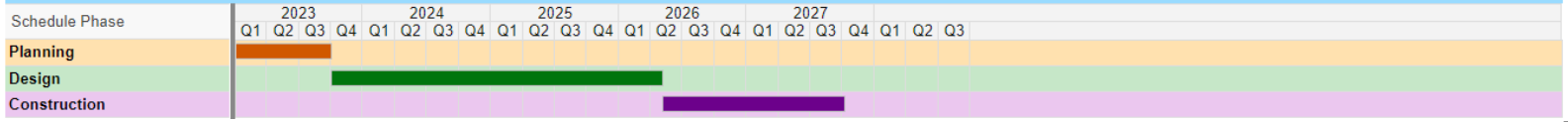
Project Information

Current Phase:	Design
Total Planned Budget:	$831,630.00
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)



ON-GOING

- Continued preparing construction solicitation
- Continued grant coordination

FORECASTED

- Incorporate grant requirements into solicitation
- Finalize public construction solicitation

Edison St. Storm Sewer Upgrades

Project Webpage

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

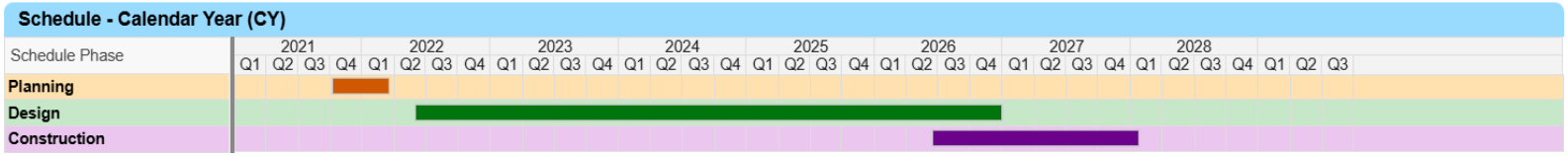
Project Information

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.

Schedule - Calendar Year (CY)



ON-GOING

- Issued construction solicitation
- Attended Civic Assn meeting on 9/14
- Responded to public inquires on progress

FORECASTED

- Begin Gas relocations
- Receive & respond to questions from bidders

Flood Action Progress Report: Neighborhood Spot Projects

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

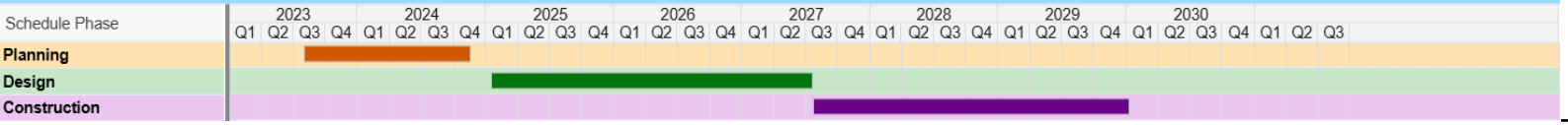
Project Information

Current Phase:	Design
Total Planned Budget:	$1,584,100.00
Funding Sources:	SWU

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.

Schedule - Calendar Year (CY)



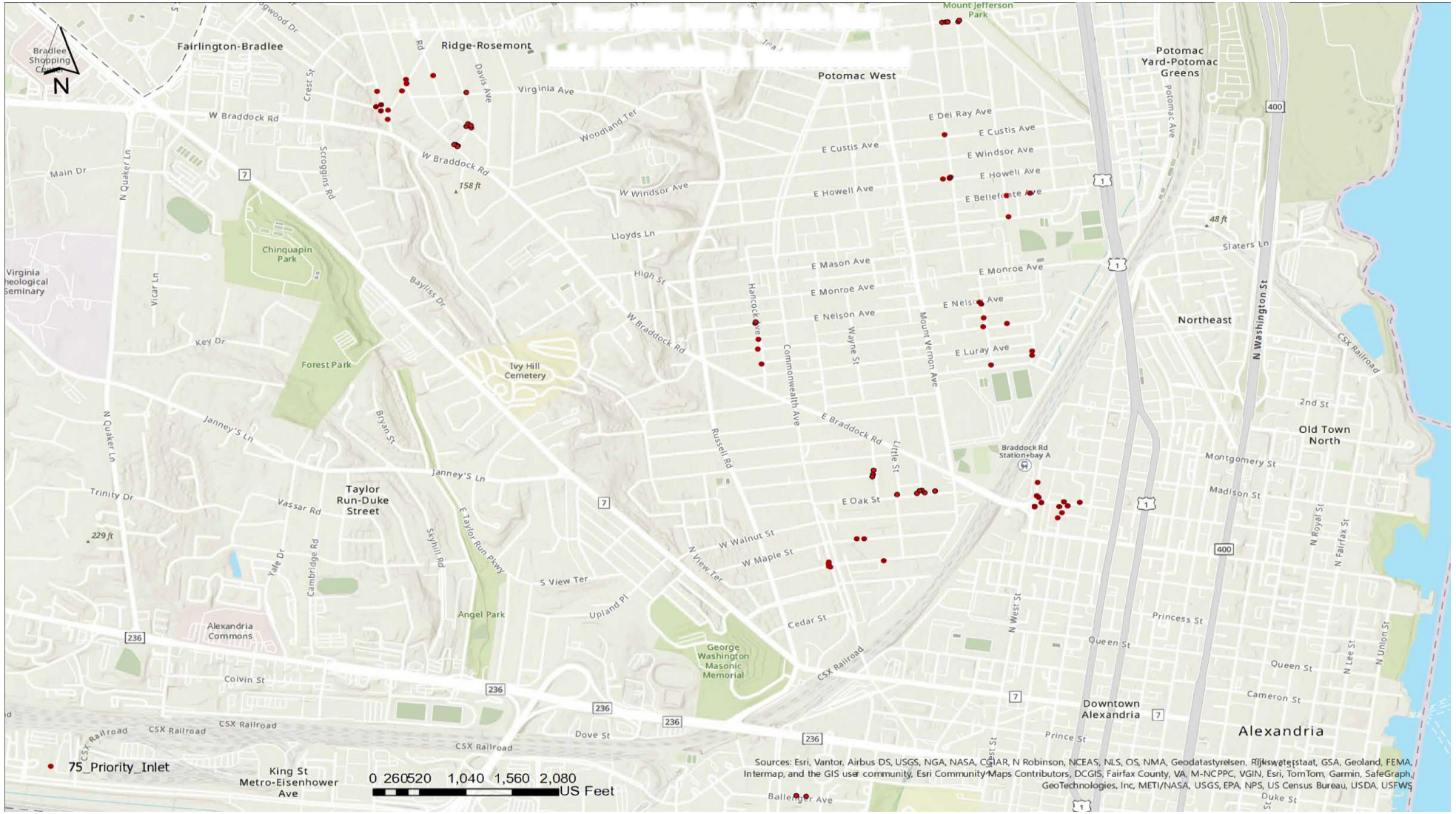
ON-GOING

- Completed 90% design review
- Began 100% design development
- Adjusted scope to avoid utility conflicts

FORECASTED

- Continue design development to 100% design
- Begin construction procurement preparations

Flood Action Progress Report: Neighborhood Spot Projects



Flood Action Progress Report: Neighborhood Spot Projects

Hume Ave Stormdrain Bypass

Project Webpage

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

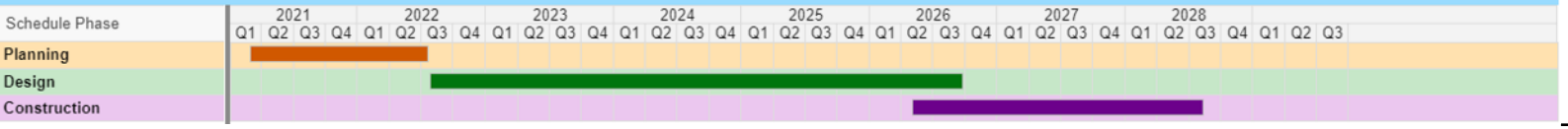
Project Description

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.

Project Information

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

Schedule - Calendar Year (CY)



ON-GOING

- Continued gas relocation
- Schedule public construction open house for 11/30
- Received permit applications and material submittals

FORECASTED

- Complete gas relocations
- Host public construction kickoff meeting (11/30)
- Mobilize forces for construction

Flood Action Progress Report: Neighborhood Spot Projects

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

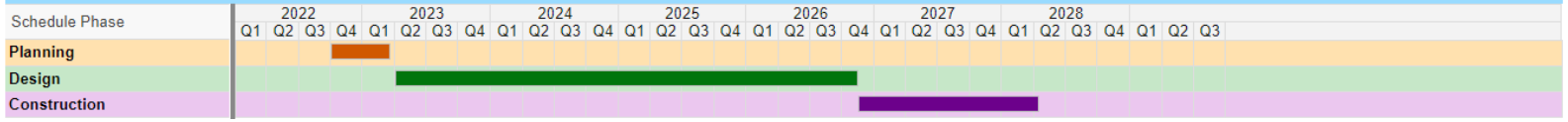
Project Description

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).

Project Information

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

Schedule - Calendar Year (CY)



ON-GOING

- Revised temporary construction easements

FORECASTED

- Continue negotiating temporary construction permissions with private owners

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

Project Webpage

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

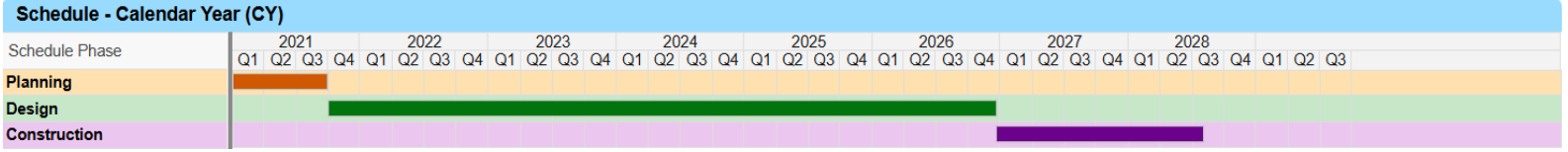
Project Description

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.

Project Information

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

Schedule - Calendar Year (CY)



ON-GOING

- Completed risk mitigation updates
- Responded to public inquiry on project performance and impacts

FORECASTED

- Complete final design and receive approvals
- Begin preparing construction solicitation

Flood Action Progress Report: Neighborhood Spot Projects

Skyhill Rd. Stormdrain Extension

Project Webpage

https://www.alexandriava.gov/capital-projects/project/skyhill-road-stormdrain-extension

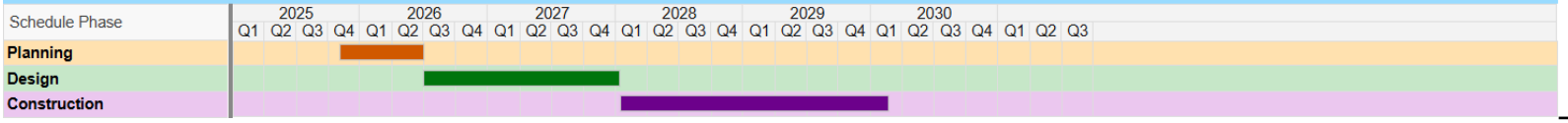
Project Information

Current Phase:	Design
Total Planned Budget:	$1,100,000
Funding Sources:	SWU

Project Description

Identified through neighborhood investigations and resident meetings in response to repeated flooding in the West Taylor Run area, this project addresses approximately 700 feet of Skyhill Road where stormwater currently flows without curb inlets and ponds at Janney's Lane. At present, a single 15-inch pipe connects to the 18-inch system but is too small to handle the flow, leading to intersection flooding and overflow onto nearby properties. The project will add midblock curb inlets and upsize the pipe at the Janney's Lane tie-in to improve drainage, reduce flooding, and enhance roadway safety under Flood Action Alexandria's Spot Improvements CIP.

Schedule - Calendar Year (CY)



ON-GOING

- Approved consultant design proposal
- Routing task order for approval

FORECASTED

- Complete purchase order processing
- Issue notice to proceed and begin design

Valley Drive Storm Drain Improvements

Project Webpage

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

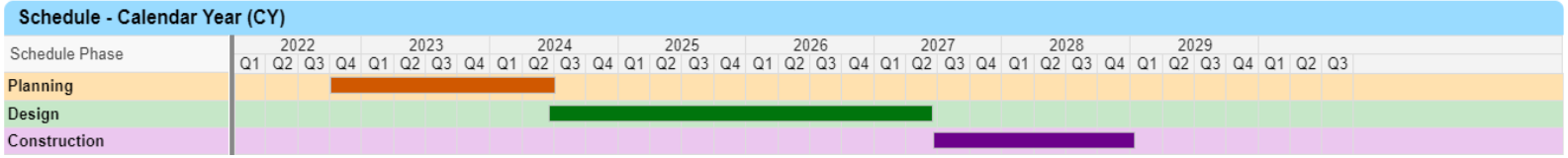
Project Information

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.

Schedule - Calendar Year (CY)



ON-GOING

- Completed 100% design review and issue comments
- Continued utility coordination

FORECASTED

- Continue evaluating temporary easements requirements
- Continue utility coordination

Flood Action Progress Report: Neighborhood Spot Projects

W. Reed Ave & Dale St Storm Sewer Improvements

Project Webpage

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

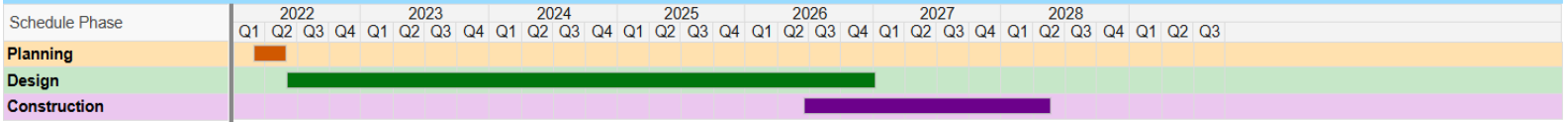
Project Information

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.

Schedule - Calendar Year (CY)



ON-GOING

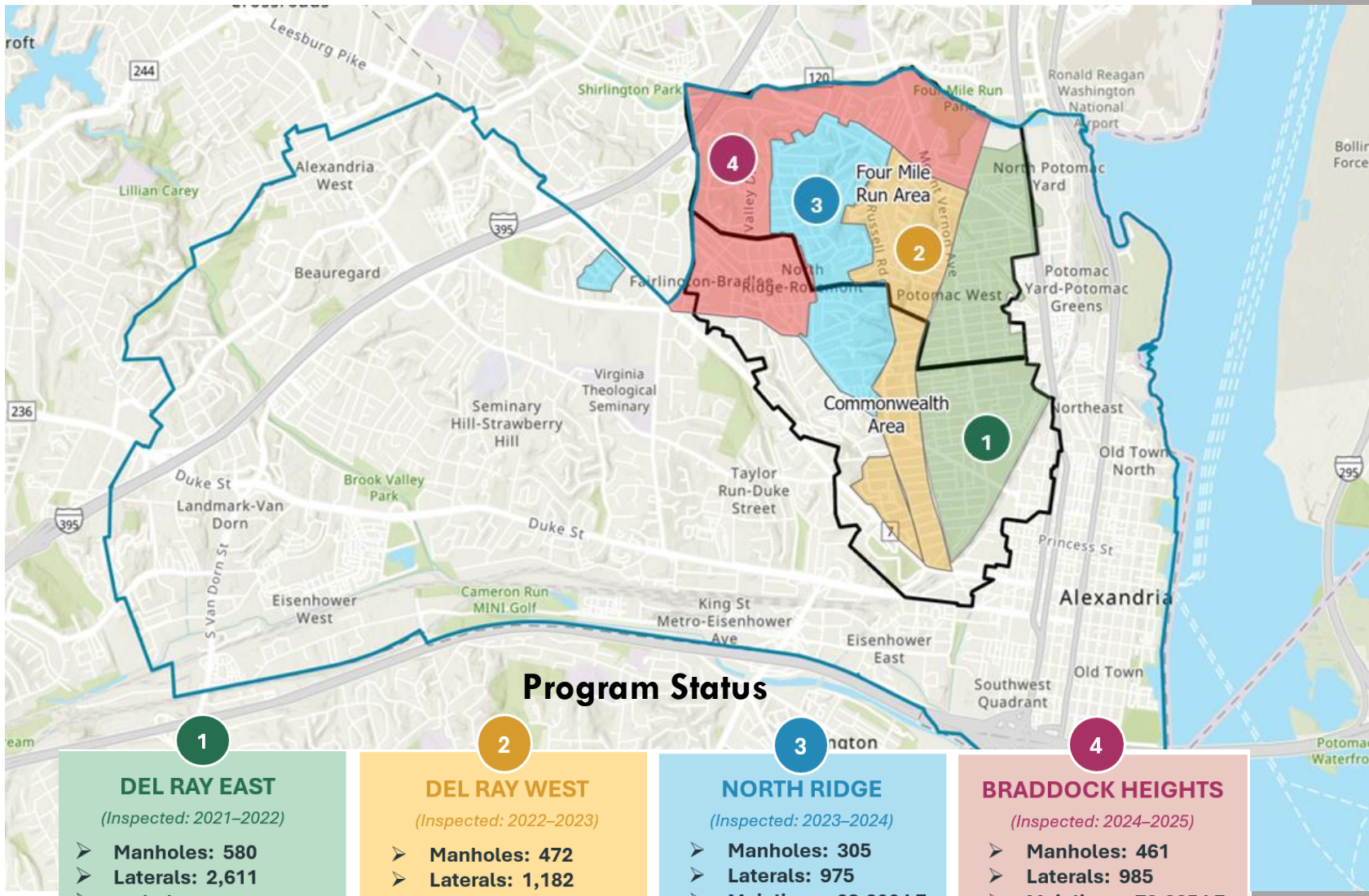
- Began gas and water main relocation
- Issued construction solicitation
- Attended Civic Assn meeting on 9/14

FORECASTED

- Complete utility relocations
- Receive & respond to questions from bidders

Sanitary Sewer Projects

- **On-Call Construction Contract:**
  - Awarded March 2026
- **Del Ray East Lateral Rehab:**
  - NTP issued August 2026
  - Public meeting September 2026
  - Construction November/December 2026
- **Del Ray West Rehab:**
  - Includes manholes, mainlines and lateral sewers
  - Design complete
  - Construction winter/spring 2027



Sanitary Sewer Backup Mitigation Projects

Colonial Avenue Sewer Separation Project

Project Webpage

https://www.alexandriava.gov/sewers/colonial-avenue-sewer-separation-project

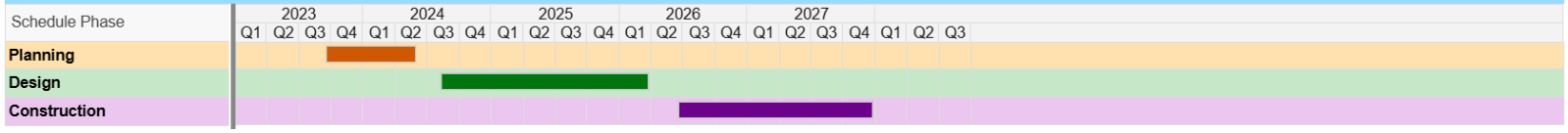
Project Description

The Colonial Ave Sewer Separation project consists of separating the existing sanitary sewer from the combined sewer system and connecting it to a fully separate sanitary sewer. This project is being undertaken to mitigate the potential for sewer backups during significant wet weather.

Project Information

Current Phase:	Construction
Total Planned Budget:	$1,678,104.00
Funding Sources:	Sanitary Sewer

Schedule - Calendar Year (CY)



ON-GOING

- Contract awarded September 2026
- Public meeting November 2026

FORECASTED

- Construction January 2027

Basin 14 Sewer Study and Capacity Improvements

Project Webpage

https://www.alexandriava.gov/sewers/project/basin-14-sewer-study-and-capacity-improvements

Project Description

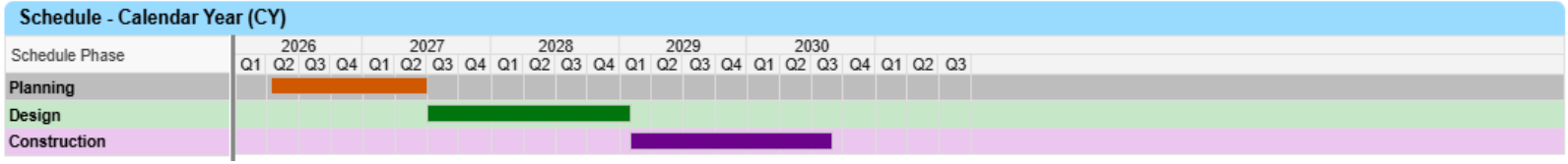
This project focuses on evaluating the sanitary sewer system in Basin 14, where repeated sewer backups have occurred in recent years. The City's 2017 hydraulic model indicates that some pipes may be undersized; however, the model is incomplete and does not reflect all infrastructure or recent improvements, such as CIPP lining and manhole rehabilitation.

Project Information

Current Phase:	Planning
Total Planned Budget:	$4,893,650.00
Funding Sources:	Sanitary Sewer

https://www.alexandriava.gov/sewers/project/basin-14-sewer-study-and-capacity-improvements

Schedule - Calendar Year (CY)



ON-GOING

- Planning phase
- Sewer backups along E Mason and E Monroe
- Flow monitoring and survey completed October 2026

FORECASTED

- Model development and capacity analysis (November 2026 – March 2027)

Communications



Flood Action Alexandria Newsletter

- Launched newsletter on new platform in June – with a refreshed look!
- Both June and August newsletters had >50% open rate
  - Public sector email open rates benchmarked at ~25% open rate

Communications

Upcoming Communications Priorities

- Increase project highlight content
- Next Flood Action Newsletter goes out in December
- Community Events
- Stormwater Utility Fee Credit Program Outreach

Communications

September 16 – November 16, 2026

- ~18 Total Flood Action/ Stormwater social media posts
  - *Electric leaf blowers, Historic Holmes Run Stream Cleanup, Taylor Run Overview Video, Macroinvertebrate Monitoring video, National Water Quality Month, Hydrant Maintenance Post, Hooffs Run Culvert Maintenance Video, post, and story and more*
- Impressions: 137,725 decreased by *44.2%*
- Engagements: 4,041 decreased *by 43.4%*
- Post link clicks: *275 increased by 18.5%*

  *Compared to June 1 – September 15, 2026
- 8,195 Stormwater Management webpage views

  *86 total pages under Stormwater Management web group
- Average engagement rate: 50.59.%, Average events per session: 4.02
- Most popular stormwater webpages:
  - Flood Map 890 views
  - Taylor Run Stream Restoration: 439
  - Flood Action Alexandria: 436 views
  - Stormwater Management: 347 views
  - Stormwater Utlity Fee: 319 views
  - Sanitary Infrastructure: 318 views
  - Flood Resilience Plan: 303 views
  - Flood Mitigation Grant Program 383 views
  - Ben Brenman Pond Stormwater Management: 223 views
  - Types of Sewer Systems 218 views

SWU Credit Program

- The application window opens December 1st and ends February 15th.
  - 2-year Credit Cycle
  - 50% Credit Rebate
  - 20+ different eligible practices
- A webinar focused for residents will be presented Thursday, January 21.





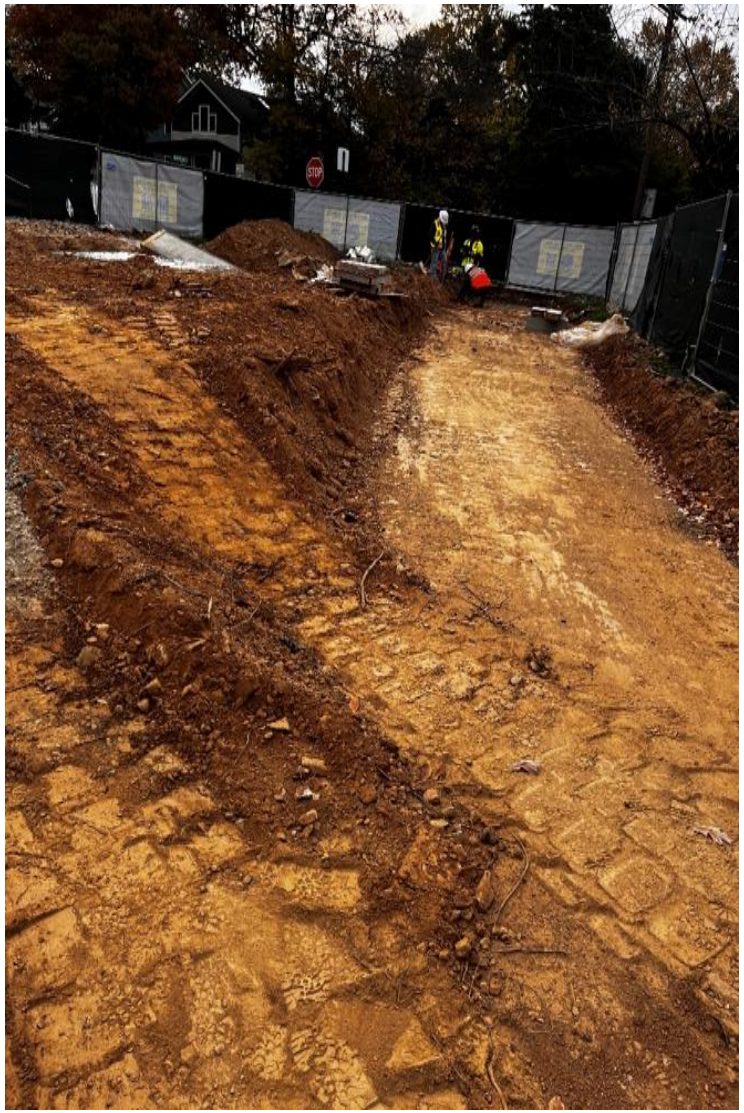
Maintenance Activities

- **Hooffs Run Culvert Top Slab Reconstruction in the Park between East Walnut and East Oak Street – Phase II**
- Construction started in July 2026
- Contractor is Flippo Construction
- The culvert top replacement is complete and the remaining site work will be completed by mid-December, weather permitting.
- RPCA will complete the final site work in Spring 2027.
  - Tennis Court
  - Landscaping

Maintenance Activities







Maintenance Activities

- **Citywide Storm Sewer CCTV and Cleaning Program:**
  - Initiated program in June 2025
  - Goal: Complete 1-2 watersheds per year
  - Four Mile Run Watershed – 99% complete
    - Contractors are currently working in the Upper West Four Mile Run Watershed
  - Reviewing CCTV and developing repair packages.

Maintenance Activities

FUTURE REPAIR PROJECTS:

- 234 and 237 Burgess Avenue
- 5251 and 5184 Dawes Avenue
- North Beauregard Street and 2800 Hope Way
- Keller Avenue and Deering Street
- 5401 Seminary Road at Dawes Avenue
- 226 Guthrie Avenue
- Seminary Road and Colfax Avenue
- 5101 Filmore Avenue

Update on Flood Resiliency Plan

AGENDA ITEM #4

Flood Resilience Plan

- Purpose: Roadmap to understanding flood risks and identifying mitigation strategies through policy, programmatic, and capital project initiatives. Adoption of FRP is required to maintain City's eligibility to apply for certain CFPF grants.

- Public Comment Period
  - Posted draft FRP online, October 30
  - Held public hybrid meeting, November 5
  - 30-day comment period (Oct. 30 – Dec. 1)

- Projected Timeline
  - November: Respond to public comments and update FRP
  - December: Council review period (6 weeks)
  - February: Completion of FRP with Council adoption

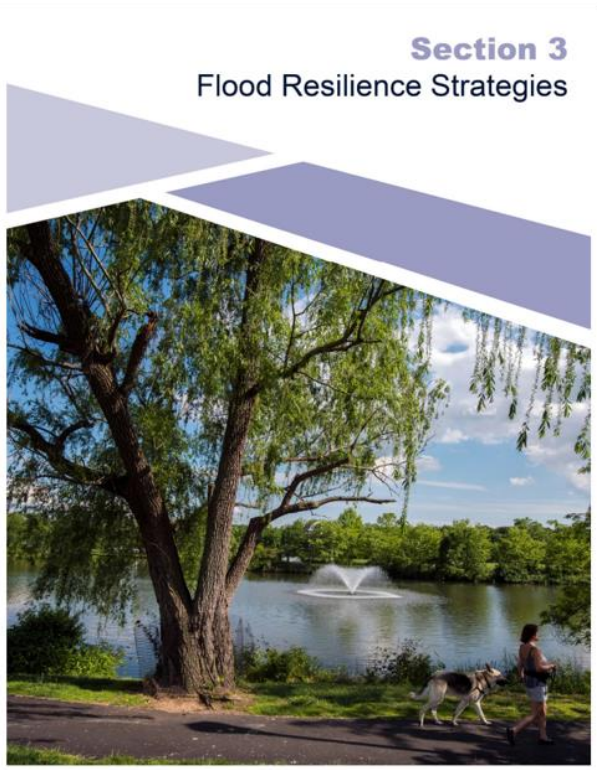
Flood Resilience Plan Overview



Pgs. 1-1 to 1-13



Pgs. 2-1 to 2-12



Pgs. 3-1 to 3-24

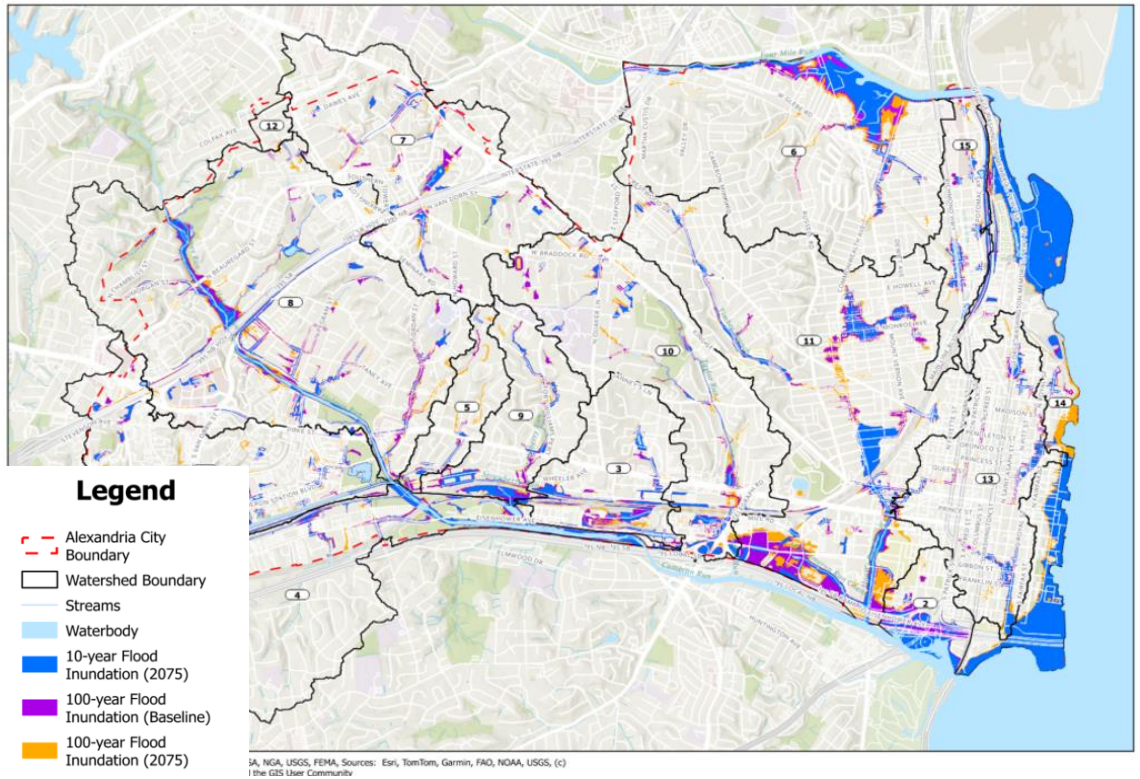


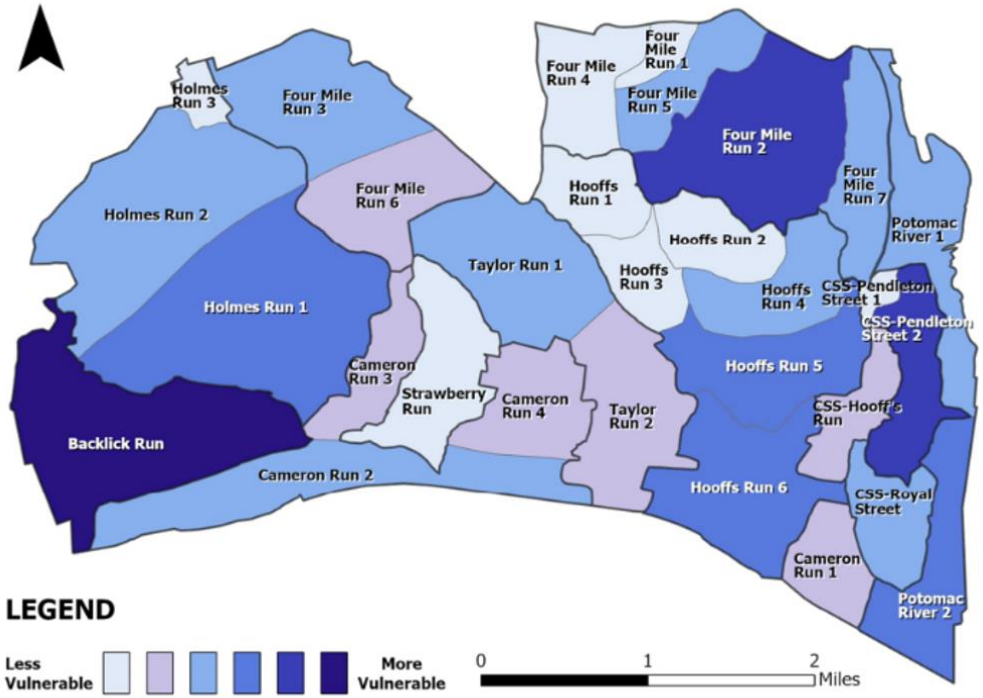
Pgs. 4-1 to 4-5

Flood Resilience Plan Overview

- Section 1: Background on flooding in Alexandria and explains the need for the Flood Resilience Plan.
- Section 2: Where and why flooding occurs in Alexandria to guide planning, design, and policy recommendations.
- Section 3: Existing and recommended flood resilience strategies under eight key focus areas.
- Section 4: Translates the strategy into action through a proposed implementation schedule that tracks progress and supports accountability.

Section 2: Flood Extents Map & Vulnerability Assessment





- Flood extents maps were developed to better understand the areas at highest risk of flooding, now and in the future.
- Vulnerability assessment helped understand who and what are most impacted by flooding.

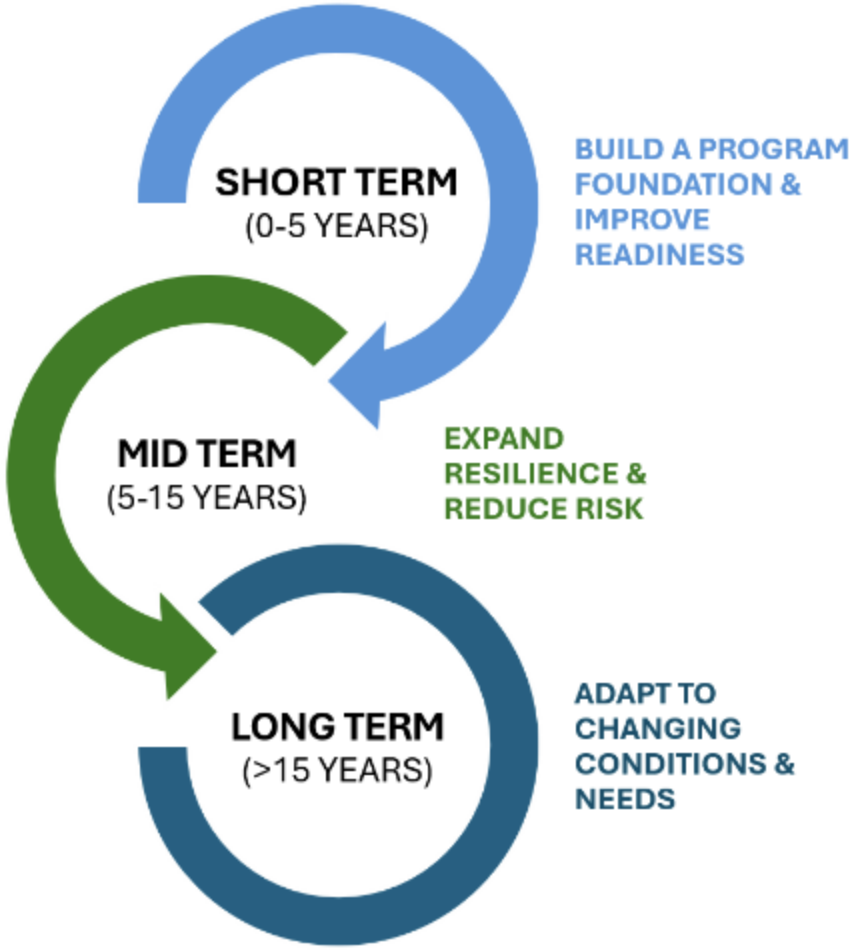
Section 3: Flood Resilience Strategies

Current Practice	Plan Recommendation*
BFE + 1 ft Freeboard: Buildings in flood zones must sit 1-foot above flood levels (100-year storm event).	**> 1 ft of Freeboard:** Increase freeboard requirements higher than 1-foot above BFE in the SFHA.
Existing stormwater ordinance: Runoff quantity based on post ≤ pre; holds the line to built out conditions.	**Update the stormwater quantity ordinance:** Reduce post-development peak runoff below pre-development levels.
CASSCA flood mitigation projects: Projects implemented through recommendation of CASSCA report.	**Update priority of CASSCA projects**: Construct projects in priority order based on updated flood modeling data.
Flood Response Plan: 2020 plan developed by Office of Emergency Management (OEM).	**Update Flood Response Plan:** Updated plan with FRP flood extent data, reflect current risk management practices.
Real-Time Monitoring: Monitor rainfall, stream, and tide levels via ALX Floodwatch that are color coded based on severity.	**Expand monitoring and warnings:** Evaluate installing additional flood sensors and automated alert systems.
FEMA flood zone information: City Floodplain Administrator provides free FEMA zone assessments; annual mailers.	**Expand access to flood risk information:** Develop an online map that provides easy access to flood risk information.
Disseminate flood risk information: Updates shared via different methods; collaboration with Stormwater Utility and Flood Mitigation Advisory Committee.	**Reaching residents through multiple channels:** Personalize risk communications and expand inclusive community outreach.

*Refer to the FRP for additional recommendations

Section 4: Implementation Framework

- **Establish a Phased Approach:** Organize recommendations into short-, mid-, and long-term actions that reflect priorities, available resources, and implementation capacity.
- **Guide Strategic Decision-Making:** Inform planning, budget development, and pursuit of funding opportunities
- **Adapt to Changing Conditions:** Maintain a flexible, living framework that responds to evolving flood risks, funding opportunities, regulatory requirements, and community priorities.



Brief status update on the flood mitigation grant program and FY2028 Stormwater CIP next steps

AGENDA ITEM #5

Brief status update on the flood mitigation grant program and FY2028 Stormwater CIP next steps

- **Flood Mitigation Grant Expansion**: Staff are scheduled to meet with the City Manager following this Advisory Group meeting. Additional information will be shared at the January 20 meeting, pending the City Manager's feedback.
- **FY2028 Stormwater CIP**: A draft is not yet available. Staff plan to share the draft at the January 20 Advisory Group meeting.

Discussion of Committee memo to City Manager regarding proposed FY2028 SW Fee

AGENDA ITEM #6

Capital Funds Financial Summary

FY 2026 Fourth Quarter: April 1, 2026 - June 30, 2026

CIP Section/Project	Allocated Budget	Unallocated Budget	Total Appropriated-to-Date	Life-to-Date Expenditures	Encumbrances/ Requisitions	Total Committed or Expended ($)	Total Committed or Expended (%)	Total Available Balance	Planned Future Funding (FY 25 - 33)
Stormwater Management									
Bellefonte Ave Storm Drain Improvements	1,567,805	-	1,567,805	264,104	110,108	374,212	23.9%	1,193,593	-
Braddock and West Flood Management	198,000	-	198,000	197,011	-	197,011	99.5%	989	-
City Facilities Stormwater Best Management Practices (BMPs)	233,000	-	233,000	130,913	-	130,913	56.2%	102,087	-
Clifford Ave, Fulton St. & Manning St. (CFM) Storm Sewer Improvements	834,194	-	834,194	223,571	12,921	236,492	28.3%	597,702	-
Flood Resilience Plan for City of Alexandria	800,000	-	800,000	634,325	136,800	771,125	96.4%	28,875	-
Floodproofing Grant Program	1,634,500	1,482,500	3,117,000	1,255,470	-	1,255,470	40.3%	1,861,530	8,215,500
Four Mile Run and Hooffs Run Inlet Installation and Enhancement	1,584,100	-	1,584,100	739,748	75,606	815,354	51.5%	768,746	-
Four Mile Run and Hooffs Run Inlet Installation and Enhancement (Phase II)	1,473,000	-	1,473,000	-	-	-	0.0%	1,473,000	-
Four Mile Run Channel Maintenance	717,602	768,300	1,485,902	-	-	-	0.0%	1,485,902	-
Green Infrastructure	1,599,093	2,316,100	3,915,193	574,110	22,847	596,956	15.2%	3,318,237	275,000
Hooffs Run Culvert Maintenance	5,587,374	1,616,000	7,203,374	3,293,779	1,988,239	5,282,019	73.3%	1,921,355	2,510,000
Hume Ave. Stormdrain Bypass	5,641,711	-	5,641,711	152,952	4,114	157,067	2.8%	5,484,644	-
Inspection and Cleaning (State of Good Repair) CFMP	4,846,000	-	4,846,000	3,844,990	914,618	4,759,608	98.2%	86,392	26,808,000
Large Capacity - Commonwealth Ave & E.Glebe/Ashby St & Glebe Rd	9,059,748	63,078,150	72,137,898	4,864,515	47,541	4,912,056	6.8%	67,225,842	-
Large Capacity - Hooffs Run Culvert Bypass	11,069,220	-	11,069,220	1,793,894	4,161,934	5,955,828	53.8%	5,113,392	40,440,200
Lucky Run Stream Restoration	4,374,688	-	4,374,688	3,860,573	268,480	4,129,053	94.4%	245,635	-
MS4-TDML Compliance Water Quality Improvements	-	4,842,169	4,842,169	-	-	-	0.0%	4,842,169	13,575,000
Mt Vernon and Edison Dual Culvert Replacement Project	2,591,627	-	2,591,627	429,927	27,801	457,728	17.7%	2,133,899	-
Mt. Vernon Cul-de-sac Inlets and Alley Storm Sewer Improvements	2,109,279	-	2,109,279	89,288	23,635	112,924	5.4%	1,996,355	-
Notabene Drive Flood Mitigation Phase I HUD	825,619	-	825,619	223,845	481,111	704,956	85.4%	120,663	-
NPDES / MS4 Permit	1,302,833	341,700	1,644,533	670,766	48,596	719,362	43.7%	925,171	1,649,600
S Jordan St. Stormwater Improvement Phase II	830,000	-	830,000	94,576	186,240	280,816	33.8%	549,184	-
Small-Midsize Stormwater Maintenance Projects	2,344,300	-	2,344,300	1,425,780	742,752	2,168,532	92.5%	175,768	7,881,600
Storm Sewer Capacity Projects	11,415,908	-	11,415,908	7,248,638	214,716	7,463,353	65.4%	3,952,555	66,925,000
Storm Sewer System Spot Improvements	11,856,039	1,897,000	13,753,039	10,946,545	167,107	11,113,651	80.8%	2,639,388	39,256,400
Stormwater BMP Maintenance CFMP	1,509,500	1,175,300	2,684,800	901,526	31,725	933,250	34.8%	1,751,550	4,601,500
Stormwater Utility Implementation	1,551,200	122,000	1,673,200	1,244,139	-	1,244,139	74.4%	429,061	-
Strawberry Run Stream Restoration	972,727	-	972,727	787,633	70,505	858,138	88.2%	114,589	-
Stream & Channel Maintenance	10,671,934	-	10,671,934	6,330,171	2,435,056	8,765,227	82.1%	1,906,707	9,069,700
Taylor Run Stream Stabilization	2,508,363	-	2,508,363	1,127,393	286,420	1,413,814	56.4%	1,094,550	-
Valley Drive Storm Drain Improvements	2,646,782	-	2,646,782	698,365	53,654	752,019	28.4%	1,894,763	-
Stormwater Management Total	104,356,146	77,639,219	181,995,365	54,048,548	12,512,527	66,561,076	36.6%	115,434,289	221,207,500

Water-related Fees in Alexandria FY2020 - FY2030

(The amounts shown represent total fees paid annually)

Water-Related Fees in Alwexandria	Who levies it and how is it collected	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028*	FY2029*	FY2030*
Stormwater Fee	City --on Property Tax bill (semi-annual)	$140	$210	$280	$294	$309	$324	$340	$357	$381	$409	$436
Year-over-Year Increase			50.00%	33.33%	5.00%	5.10%	4.85%	4.94%	5.00%	6.72%	7.35%	6.60%
Sanitary System Maintenance Fee	City -- on AlexRenew bill (monthly)	$109	$109	$109	$109	$109	$109	$109	$109	$120	$120	$120
Year-over-Year Increase			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.21%	0.00%	0.00%
Wastewater Treatment Fee	AlexRenew -- on AlexRenew bill (monthly)	$496	$529	$565	$602	$635	$667	$700	$740	$777	$816	$857
Year-over-Year Increase			6.55%	6.90%	6.54%	5.40%	5.14%	4.96%	5.67%	4.99%	5.00%	5.00%
Total Water-related Fees		$746	$848	$955	$1,006	$1,053	$1,101	$1,150	$1,207	$1,278	$1,345	$1,412
Year-over-Year Increase			13.75%	12.55%	5.34%	4.73%	4.52%	4.46%	4.93%	5.89%	5.23%	5.04%

* Source of projections: SW fee from 2027CIP; SS Maint Fee from City Budget; AlexRenew Fee from board's past policy

Public comments

AGENDA ITEM #7

Adjourn

AGENDA ITEM #8