



Ad Hoc Stormwater Utility & Flood Mitigation Advisory Group

JUNE 10, 2021 MEETING

Electronic Meeting Notice

AGENDA ITEM #1

Electronic Meeting Notice

Due to the COVID-19 Pandemic emergency, this meeting is being held electronically pursuant to Virginia Code Section 2.2- 3708.2(A)(3), the Continuity of Government ordinance adopted by the City Council on June 20, 2020 or Section 4-0.01 (g) in HB29 and HB30, enacted by the 2020 Virginia General Assembly (Virginia Acts of Assembly Ch. 1283 and 1289), to undertake essential business. All of the members of the Advisory Group and staff are participating from remote locations through Zoom. This meeting is being held electronically, unless a determination is made that it is safe enough to be held in person. Electronic access will be provided in either event.

Note: this meeting is being recorded.

Housekeeping

Please keep yourself on mute unless you wish to speak

Call-in users may press *6 to mute/unmute themselves

If you wish to speak, please click "Raise Hand"

Call-in users may press *9 to raise/lower their hand

Member questions at end of each agenda item

General questions at end of meeting

Public comments will be heard at the end of the meeting

Welcome

AGENDA ITEM #2

Introductions

AGENDA ITEM #3

Introductions

Who are you?

Who are you representing?

How do you plan to communicate with those you represent?

How have you been impacted by flooding?

Advisory Group Members:

- Councilman John Chapman
Council Representative
- John Hill
Civic Association Representative
- Cheryl Leonard
Civic Association Representative
- Katherine Waynick
Civic Association Representative
- Dino Drudi
Federation Representative
- Charlotte Hall
Business Group Representative
- Brian Sands
Technical Representative
- Christine Thuot
Technical Representative
- Skip Maginniss
Budget & Fiscal Affairs Committee Representative

City Staff:

- Yon Lambert
Director, Transportation & Environmental Services (T&ES)
- Terry Suehr
Director, Project Implementation (DPI)
- Bill Skrabak
Deputy Director, T&ES
- Jesse Maines
Division Chief, T&ES
- Jessica Lassetter
Civil Engineer, T&ES
- Michaela Broyles
Public Outreach & Communications, T&ES
- Mitch Dillon
Civil Engineer, DPI
- Alex Carroll
Urban Planner, T&ES
- ★ Matt Landes
Division Chief, DPI

Advisory Group Mission & Purpose

AGENDA ITEM #4

Resolution No. 2977

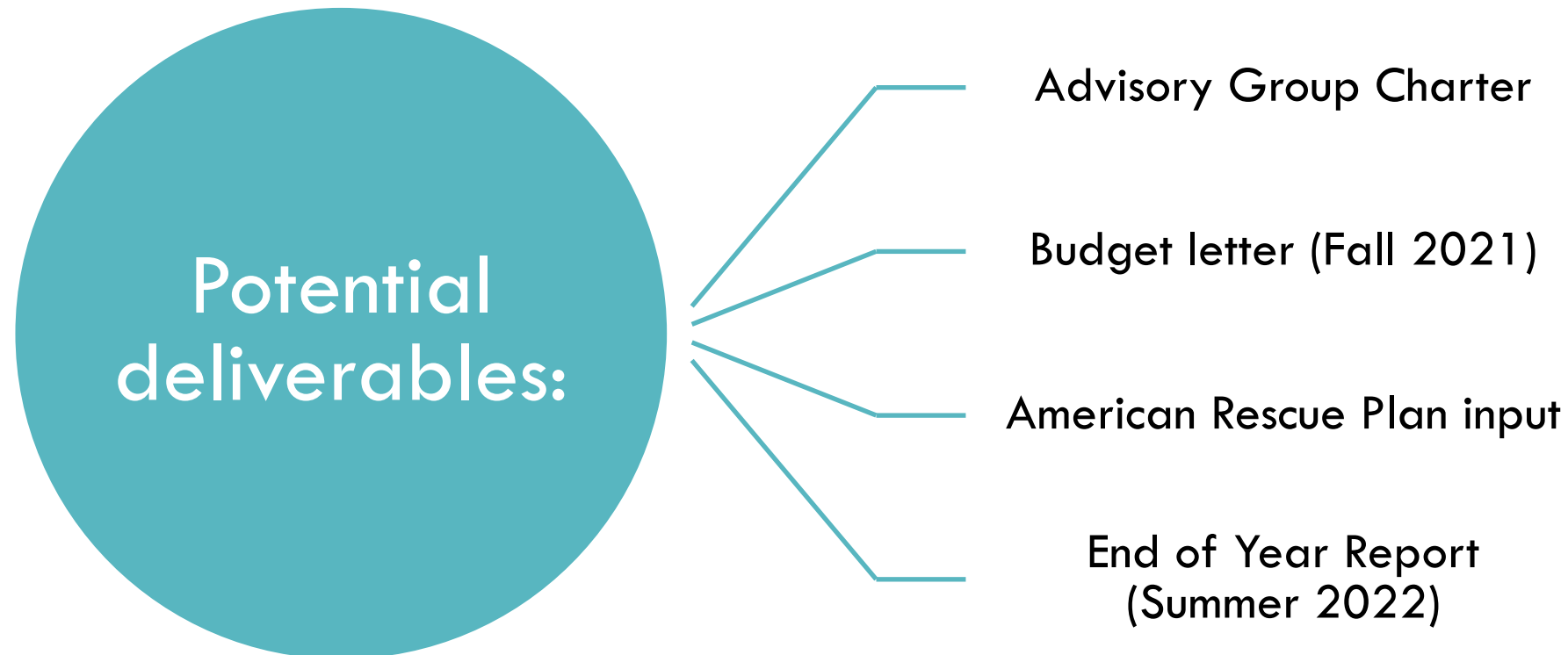
The Advisory Group shall meet on an ad hoc basis for an initial duration of one year to:

- Review and advise on flood mitigation activities
- Monitor and measure progress of the City's flood mitigation efforts
- Serve as a general body of receipt and dissemination of information for the City's flood mitigation efforts
- Review and provide recommendations on proposed Stormwater Utility operating and capital budgets

Advisory Group Deliverables

“Each advisory group is required to create and submit a report to City Council each year within 60 days after the close of the fiscal year.”

- Boards & Commissions Member Handbook



Advisory Group Charter Development

Possible components:

- Mission & Membership
- Timeline & Frequency of Meetings
- Guiding Principles

To be developed at future meeting after Chair is established

Advisory Group Governance

AGENDA ITEM #5

Guidelines for Civic Discourse

Treat everyone with respect and courtesy

Do your homework – be prepared and familiar with the docket

Express your ideas and opinions in an open and helpful manner

Be respectful of others' time by being clear and concise in your comments and/or questions

Demonstrate honesty and integrity in your comments and actions

Focus on the issues before the decision-making body – avoid personalizing issues

Listen and let others express their ideas and opinions

If a decision is made with which you do not concur, agree to disagree and/or use appropriate means of civil and civic recourse, and move on

Attendance & Quorum

Members must attend
75% of meetings, unless
excused by the Chair

No business or action may
take place without the
presence of a quorum
(a majority of voting
members)

Robert's Rules

Handling a Main Motion:

- Member raises hand
- Chair acknowledges member
- Member makes motion
- Another member seconds the motion
- Members discuss the motion
- Chair puts motion to a vote
- Chair announces result of the vote

Refer to City Parliamentary Procedures for additional details

Type of Motion	Purpose
Main Motion	Propose a new idea or action for the group
Amend Motion	Change some of the wording that is being discussed
Substitute Motion	Propose an alternate idea or action for the group
Withdrawal of Motion	Take back the main motion
Previous Question	End discussion and vote
Limit Debate	Limit length of discussion
Table	Delay consideration of current item
Postpone	Move an item to later in the agenda, another meeting, or indefinitely
Point of Inquiry	Request information
Appeal Decision of the Chair	Vote on the Chair's decision
Motion to Reconsider	A member who voted with the prevailing side may reconsider a previous motion
Adjourn	End the meeting

Open Meeting Requirements

- ✓ Public meeting notice of at least 3 working days
- ✓ All meetings must be public
- ✓ Meeting materials shall be available to the public
- ✓ Minutes shall be recorded
- ✓ Meetings may be photographed, filmed, or recorded
- ✓ Voting by secret or written ballot is not permitted

Requirements must be met when >2 members discuss public business

Group business may not be conducted over email, phone, etc.

All records of the Advisory Group are subject to the Freedom of Information Act.

Conflicts of Interest

Members may not:

- Accept anything of value or take other advantages based upon their position in the group
- Have a personal interest in a contract or transaction

*Direct questions or concerns to
Gloria.Sitton@alexandriava.gov*

Advisory Group Communications

With City Council:

- Communicate via official letters
- Letters must be discussed and voted on in a public meeting

With department leadership or the City Manager's Office:

- Communicate via Staff Liaison

With Advisory Group Members:

- Must comply with Open Meeting and FOIA requirements
- Do not "reply all" to staff emails to discuss group business

Chair Position

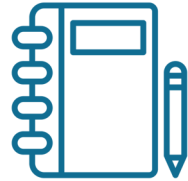
Key Responsibilities:



Facilitate all
Advisory
Group
meetings



Facilitate
public
comment
period



Work with
Staff Liaison
to set meeting
agendas



Ensure
Advisory
Group
conforms to
By-Laws



Lead development
of Annual Work
Plan in
collaboration with
members and
Staff Liaison

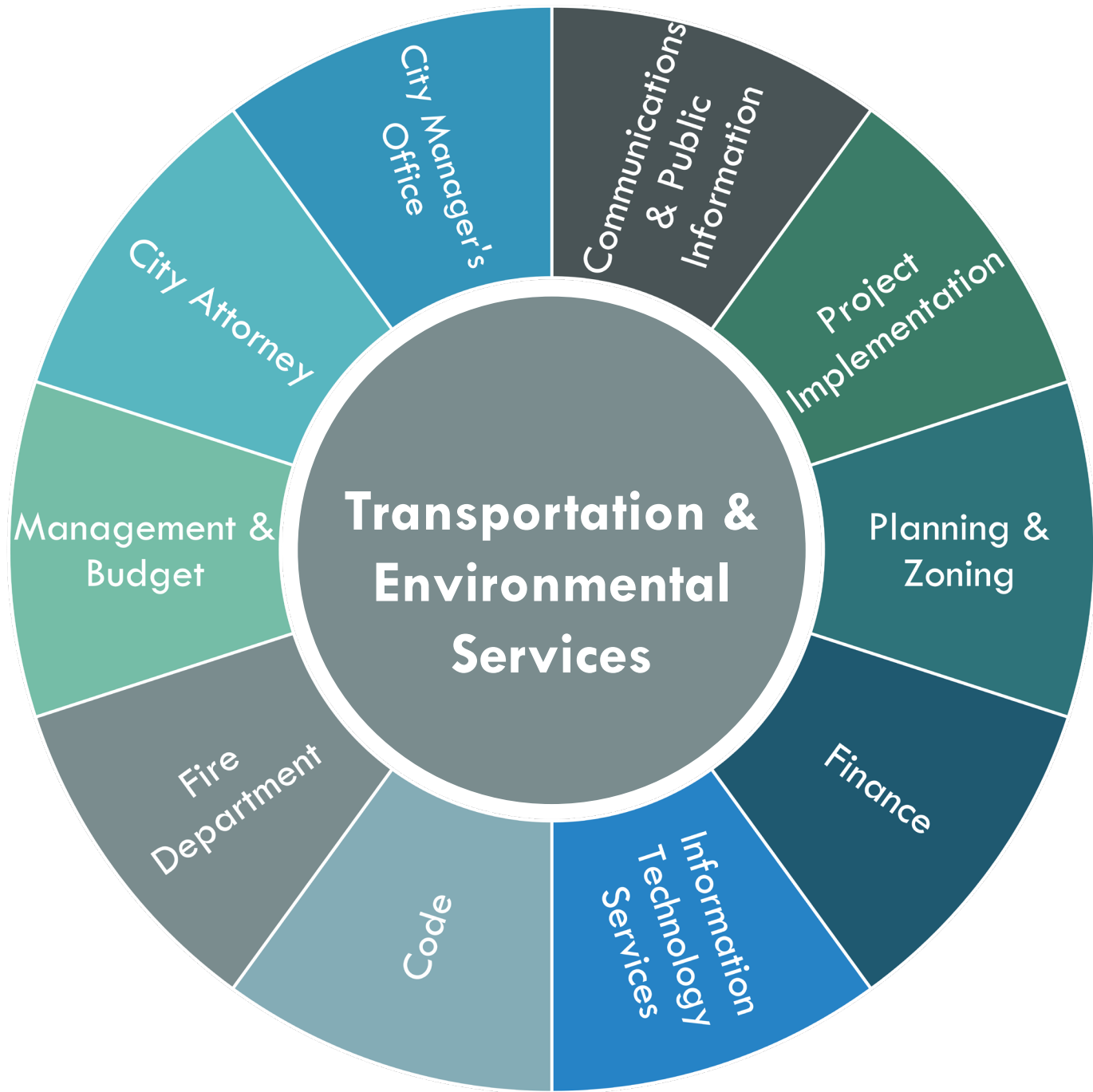


Prepare draft
recommendations
and develops
annual report for
submission to City
Council

Election of Chair (and Vice Chair, if desired) planned for Meeting #2

Organizational Structure

AGENDA ITEM #6



Phase 1: Flooding Management Task Force

- Assembled to urgently address recent flash flooding
- Six-week work period
- Developed recommendations for:
 - ✓ Budget
 - ✓ Programs
 - ✓ Legislation
 - ✓ Early Warning
 - ✓ Communications

FLOODACTION

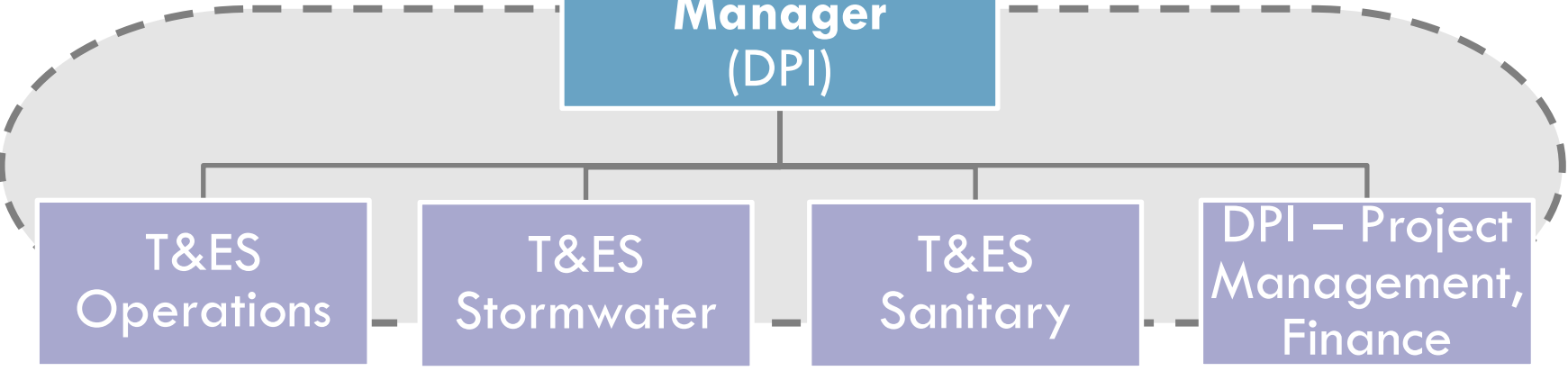
ALEXANDRIA

Flood Mitigation Executive Team
*T&ES Director, DPI Director
T&ES Deputy Director (IEQ), T&ES
Deputy Director (Operations)*

Ad Hoc Stormwater Utility and Flood Mitigation Advisory Group

Flood Mitigation Program Manager (DPI)

- Other City Boards & Commissions:**
- Environmental Policy Commission
 - Energy and Climate Change Task Force
 - Waterfront Commission



Stormwater/Flooding Updates

AGENDA ITEM #7

Approved FY22-31 CIP Capacity Projects

Priority	Project	Current Proposed Solution	Construction Estimate Funded	Estimated Cost*
1	Commonwealth and Glebe	Storage / Conveyance	FY 2023	\$34M
2	Ashby and Glebe	Storage / Conveyance	FY 2024	\$16M
3	Hooffs Run Culvert Bypass	Conveyance	FY 2025	\$60M
4	Edison and Dale Streets	Storage / Conveyance	FY 2026	\$13M
5	Dewitt Ave	Conveyance/Storage	FY 2027	\$15M
6	E. Mason Ave	Storage	FY 2027	\$1M
7	Notabene Dr & Old Dominion Blvd	Storage/Conveyance	FY 2028	\$4M
8	Mt. Vernon Ave, E Glendale Ave, E Luray Ave (and E. Alexandria)	Conveyance	FY 2028	\$10M
9	E. Monroe Ave and Wayne St.	Conveyance	FY 2029	\$3M
10	Russell Rd & W. Rosemont Ave	Conveyance	FY 2029	\$6M
11	Russell Rd & W. Rosemont Ave	Storage	FY 2030	\$8M
Total				\$170M

Spot Improvements

- ✓ 3 recently completed
- ✓ 3 projects in design
- ✓ 5 projects identified, in concept design
- ✓ 6 projects under further investigation
 - Based on Neighborhood Engagement discussions, further investigations to identify potential spot projects
- ✓ New dedicated website under construction



Maintenance

Between January and May 2021:

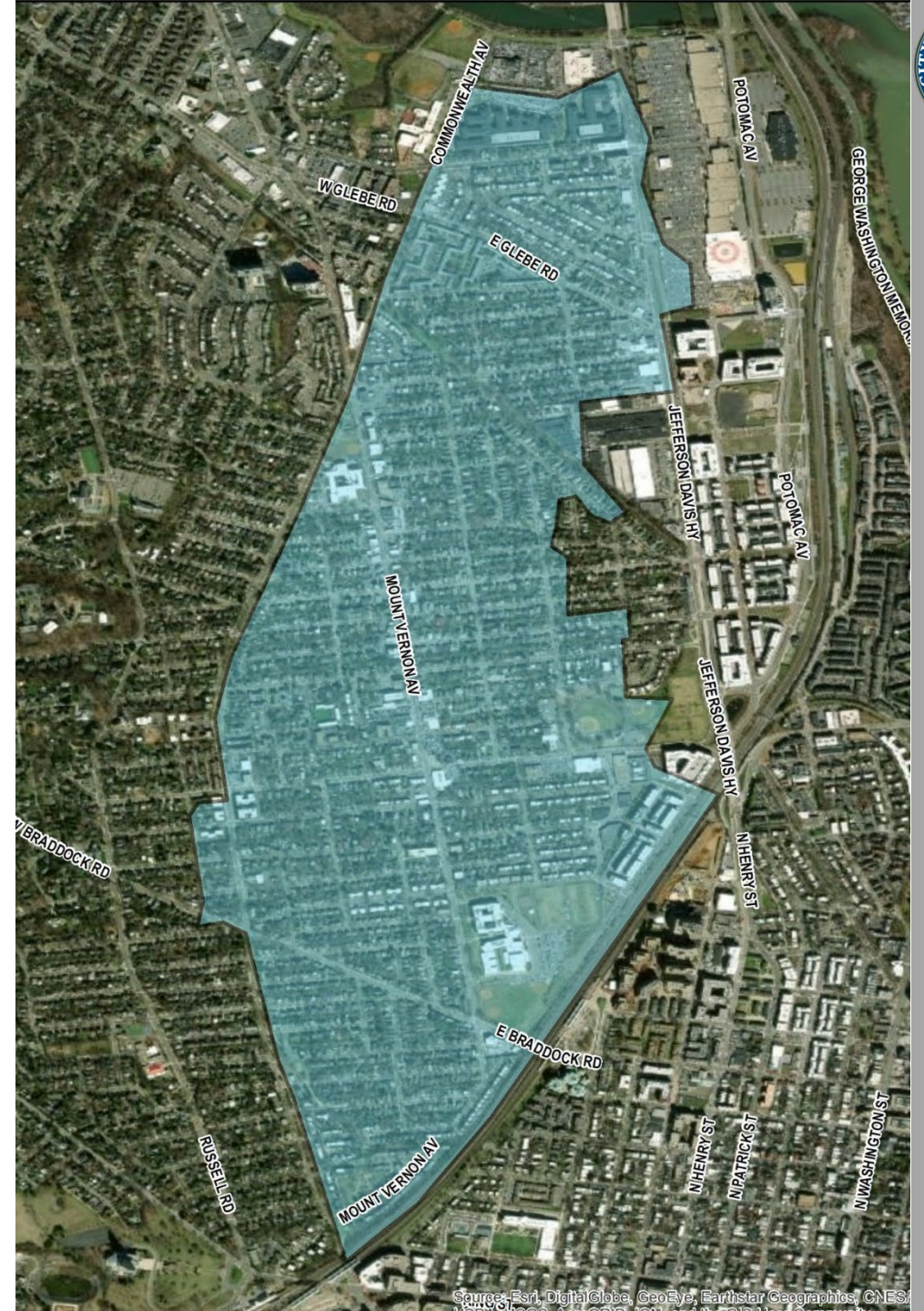
- 1,450 storm inlets inspected and cleaned
- 34,000 linear feet of storm pipe inspected and cleaned
- 65 storm structures repaired
- Alley closure on S. Pitt Street to mitigate alleyway flooding
- 2 damaged pipes repaired at S. Jordan Street and E. Randolph Avenue
- Over 400 tons of material removed from Hooff's Run culvert
- Street sweeping activities resumed in March with a total of 889 miles of sweeping completed



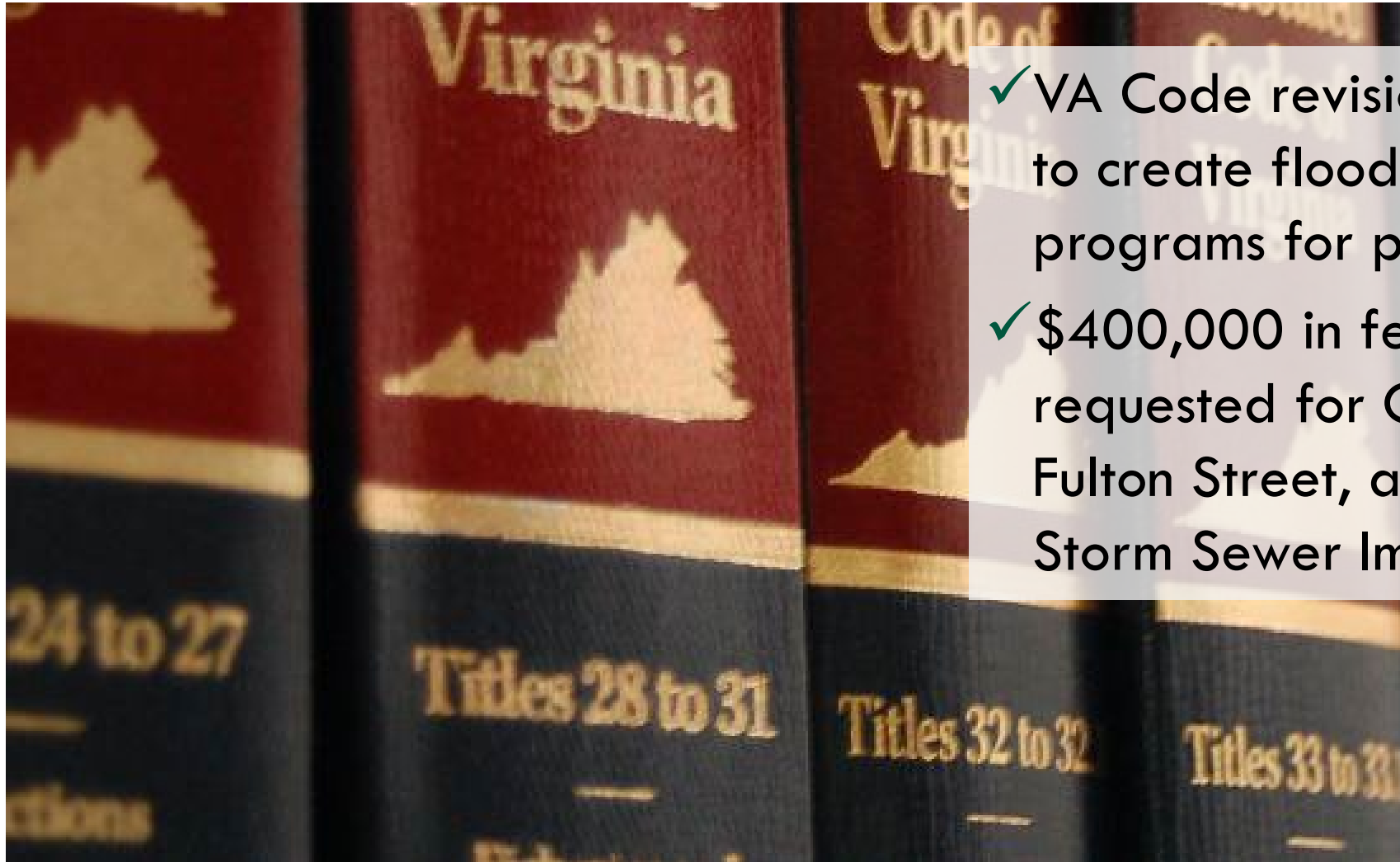
Sanitary Sewer

Sanitary Sewer Asset Renewal Program underway

- Citywide initiative to renew and improve the performance of the existing sanitary sewer system
- Inspection and rehab of City-owned sewers and manholes
- Can reduce basement backups
- Inspection of Four Mile Run and Commonwealth Sewersheds east of Commonwealth Avenue underway; rehabilitation work to begin in 2022
- Inspections west of Commonwealth Avenue to start in early 2022



Legislation



- ✓ VA Code revision to allow localities to create floodproofing grant programs for private property
- ✓ \$400,000 in federal funding requested for Clifford Avenue, Fulton Street, and Manning Street Storm Sewer Improvements

Flood Mitigation Pilot Grant Program

Support floodproofing measures on private property

50% reimbursement (up to \$5,000) for eligible activities, such as installation of floodproof doors and windows

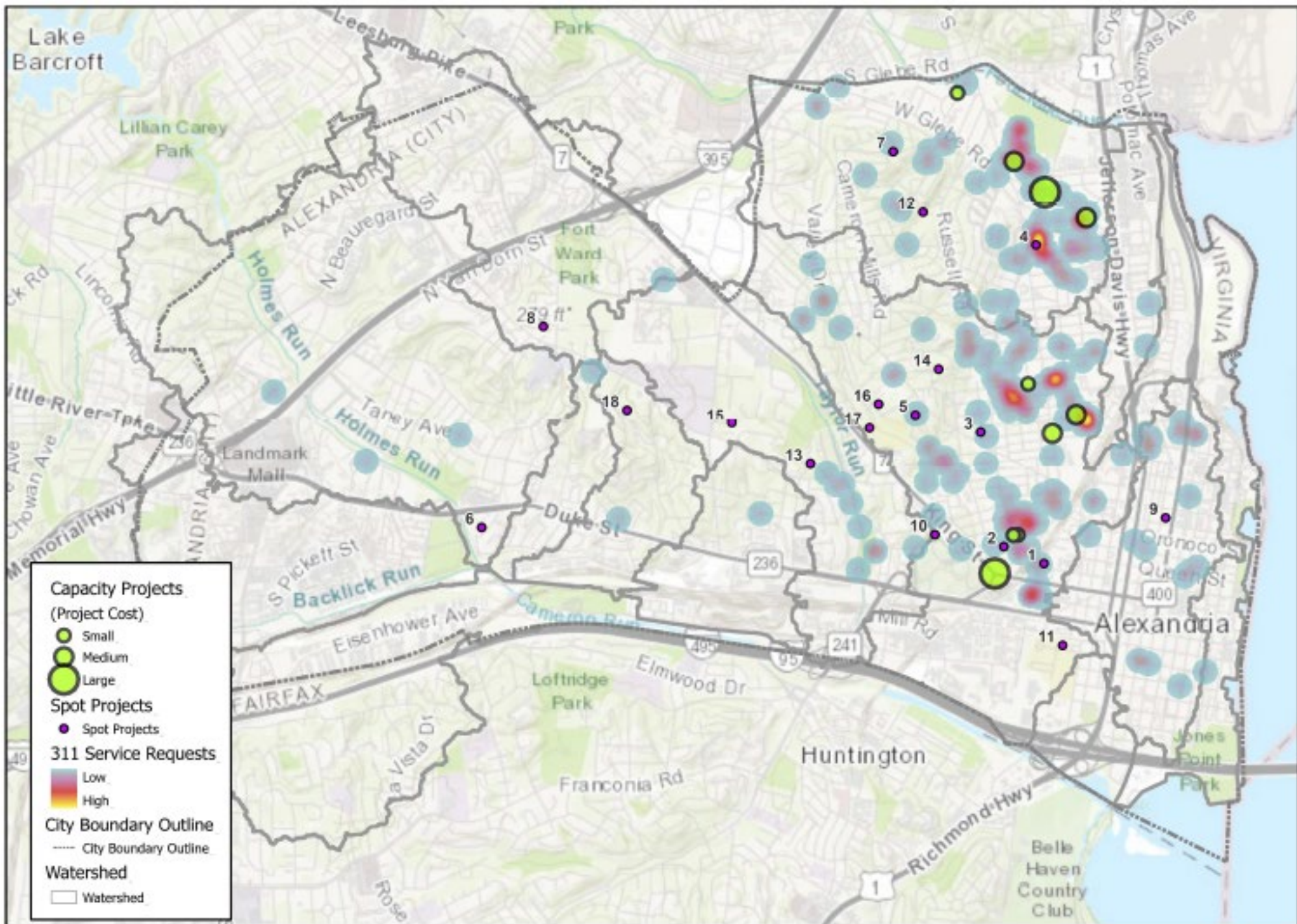
Program development underway; expected launch in Summer 2021



Communications & Neighborhood Engagement

- ✓ 30 neighborhood meetings
 - Identifying areas for spot improvements
- ✓ Launched Flood Action Alexandria newsletter
- ✓ New Flood Action Alexandria webpage (and subpages)
- ✓ Updated Alex311 to make it easier to report flooding
- ✓ Increasing social media engagement





Early Warning

6 New Rain Gauges

2 New Stream Gauges (Taylor & Duke and Hooffs Run Culvert)

8 Static Warning Signs: “Road May Flood”

Updated, interactive public-facing portal under construction

Subscribe to text to phone or email messaging alerts



Additional Updates

Stream Restoration

- ✓ Pause Taylor Run and Strawberry Run
- ✓ Continue with Lucky Run
- ✓ Perform soil sampling and analysis for all 3
- ✓ Work with EPC on alternatives

FEMA Floodplain Remapping

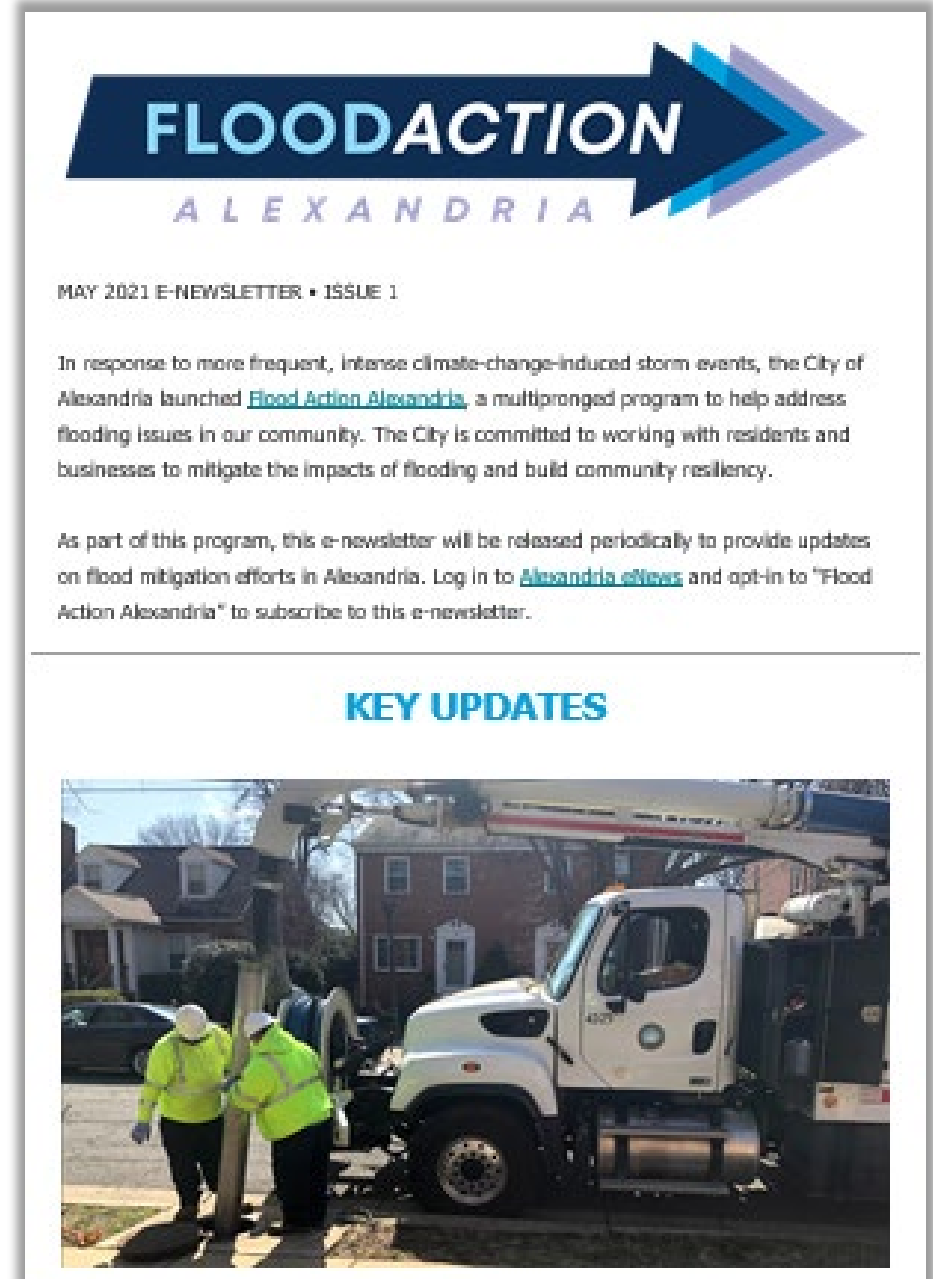
- 350 newly mapped structures
- 30 removed
- 1,174 policies, 947 single-family



Future Updates: Communication & Information-Sharing

City communication via:

- ✓ Flood Action Alexandria eNewsletter
- ✓ Flood Action Alexandria landing page
 - Dedicated Spot Improvement webpage
 - Dedicated Capacity Project webpage
 - Community Engagement webpage
 - Early Warning/Emergency Response webpage
- ✓ Social media updates



American Rescue Plan Act (ARPA)

AGENDA ITEM #8

ARPA Funding Plan Development & Process Timetable



Review City Council ARPA process



Ad Hoc group guidance to staff on
project prioritization



Signed into law March 11 to support pandemic recovery

- City to receive one-time funding of \$30 million in 2021 and 2022 (\$60 million total)

Eligible expenses:

- Respond to the public health emergency or its negative economic impacts to residents and businesses;
- Compensate for revenue reductions due to COVID; or
- ***Support infrastructure projects related to "necessary" water, sewer, or broadband***

Funding guidelines:

- Projects must be shovel-ready
- Funds must be spent by December 31, 2024

Council to consider year one spending plan on July 6

- Over \$90 million proposed across City departments
- Informed by community input process on spending priorities

ARPA Spending Proposals for Stormwater

Project Name	Scored Tier	Cost Group	Project Description
Channel and Floodway Maintenance	1	\$\$\$\$	Four Mile Run sediment removal & Holmes Run channel maintenance
Stormwater State of Good Repair and Resiliency	2	\$\$\$\$	Structural repairs, resiliency and heavy cleaning for Hooffs Run Culvert
Flash Flooding Spot Improvements	3	\$\$	Detention, pipes, and drainage at four locations TBD
DASH/Witter Wheeler Flood Mitigation	4+	\$\$\$\$	Capacity for flood mitigation and protection of City infrastructure

\$\$= \$300k - \$1M

\$\$\$\$= \$3M - \$8M

Stormwater Management Primer & Meeting #2

AGENDA ITEM #9

Member Updates/Q&A

AGENDA ITEM #10



Name two issues that you think deserve a deeper dive to help establish a solid baseline for the group.

Examples:

*City Development Process; Prioritization of Existing Projects;
Communications; City Budget Process*

Public Comment Period

AGENDA ITEM #11



Public Comment Period

- Pre-registered speakers first
- Additional speakers next
 - Computer: Click “raise hand”
 - Telephone: Press *9 to raise hand; *6 to unmute
- 3 minutes per speaker



Additional Information/Reference