



Ad Hoc Stormwater Utility and Flood Mitigation Advisory Group

June 7, 2023 Meeting

Tonight's Agenda

1. Electronic meeting notice (6:00)
2. Approval of minutes from April meeting (Members) (6:05)
3. Discussion of feedback to Annual Report from Council, public, and media (Members & Staff, facilitated by Katie W) (6:10)
4. Update on Stormwater projects to-date (Staff) (6:20)
5. Update on Alexandria Flood Resiliency Plan (Dan Medina) (6:35)
6. Update of flood mitigation grants for multifamily dwellings (6:45)
7. Equity map (Janette Shew) (7:00)
8. Committee brainstorming about communications (Members & Staff, facilitated by John H) (7:10)
9. Public comment (7:30)
10. Adjourn (7:40)

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. Members of the Advisory Group can participate from remote locations; however, a quorum of the Group must be physically assembled at the primary or central meeting location.

Note: this meeting is being recorded.

Approval of Minutes from Last Meeting

AGENDA ITEM #2

Feedback to Annual Report from Council, public, and media

AGENDA ITEM #3

Update on Flood Action Alexandria Program

AGENDA ITEM #4

Flood Action Progress Report: Schedule and Large Projects

- Large capacity projects
 - Commonwealth/ E. Glebe & Commonwealth & Ashby (est. \$50M) Survey complete. Geotechnical investigation work to begin in next couple of months. Developing 30% design.
 - Hooffs Run Culvert Bypass (est. \$60M) Project kickoff 6/2. Beginning Data Collection
- Combined sewer system (CSS) area projects
 - Pitt & Gibbon (\$11.5M) Planning Phase – Coordinating alternatives with AlexRenew
 - Nethergate (\$5M) Planning Phase – Alternative Selected. Coordinating with NPS

Flood Action Progress Report:

Updates to Stormwater Program Schedule

(Period 2 closes 6/30)

Project Schedule Extended

- Lloyd's Lane (Construction Procurement)
- Oakland Terrace Timber Branch (Construction Procurement)
- Mt. Vernon Cul-de-sac Inlets & Alley (Design)
- N. Overlook Drainage (Design)
- Carlisle Drive Alley (Planning)
- 100 Hume Ave Stormdrain Bypass (Design)
- Edison Street Cul-de-sac Drainage Improvements (Design)
- Clifford Fulton & Manning (CFM) Green Alley (Planning)

Project Delivery Expedited

- 100 Hume Ave SD Bypass (ARPA* Funding Secured)
- Edison St. Drainage Improvement (CFPF* Funding Secured)
- 100 W. Reed Curb Inlets (CFPF Funding Secured)
- 100 Dale Rd. Overland Relief Channel (CFPF Funding Secured)
- Mt. Vernon and Edison Dual CMP Replacement (CFPF Funding Secured)
- 00 E. Linden Ave. Alleyway Improvements
- CFM Green Alley (HUD* Funding secured)

Flood Action Progress Report: Updates to Stormwater Program Schedule

New Projects

- Commonwealth, Ashby & Glebe Extension
- E. Bellefonte Neighborhood Investigation
- Valley Drive Neighborhood Investigation

Milestones

- Commonwealth, Ashby & Glebe (Draft RFP to Contractor)
- Oakland Terrace Timber Branch (Complete)
- Mt. Vernon and Edison Dual CMP Replacement (NTP – Design Begins)
- N. Overlook Drainage (Signature Set Submitted)
- 100 Hume Ave Stormdrain Bypass (30% Design Complete)
- CFM Green Alley (Final Planning Submission)

Suspended Projects

- N. Columbus Street Alley - Monitoring status following improvements

Start Date contingent on Hoofs Run Culvert Bypass

- 300 E. Mason Curb Inlets
- E. Monroe Ave. & Newton St. Curb Inlet
- E. Alexandria Ave. & E. Luray Ave Curb Inlets
- 500 E. Alexandria Ave. Alleyway Stormdrain Extension
- 300 E. Mason Ave. Stormdrain Extension
- 300 E. Mason Ave. & 200 E. Duncan Ave Stormdrain Connection

Targeted Maintenance

- Holmes Run Channel Maintenance underway
 - Removal of nuisance vegetation in bottom 1/3 of bank
- Hooffs Run Culvert Repairs
 - 'Hatches'
 - Retaining wall

Communications

- 199 total messages were received from all social media channels with 150 of them originating from Twitter.
- Our total audience growth during the reporting period increased by 0.6%
- Facebook net page likes increased by 25%
- Facebook video views increased by 20.5%
- We are in the process of hiring a new Communications Officer. The potential candidate search is ongoing.

Alexandria Flood Resilience Plan

AGENDA ITEM #5

Agenda

- Purpose of the Flood Resilience Plan (FRP)
- What to expect from the FRP and the process
- Discussion

The Relationship Between Adaptation and Resilience

The terms adaptation and resilience are often used together, although they have different meanings.

Adaptation—The process of adjusting to new or changing climate conditions to reduce or avoid negative impacts to valued assets and take advantage of emerging opportunities.

Resilience—The capacity of a community, business, or natural environment to prevent, withstand, respond to, and recover from disturbances, while retaining the basic functions of the system.

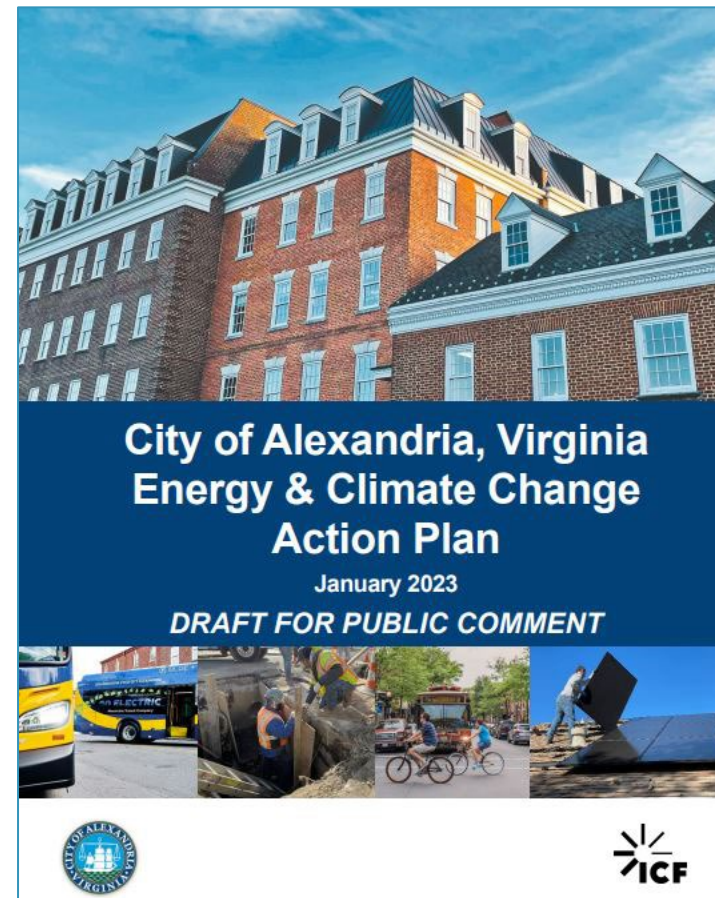
FRP Purpose

Identified in the 2023 Energy and Climate Change Action Plan (5/12/23 draft)

Included in the Long Range Interdepartmental Work Plan

Will include:

- Hazard identification and information dissemination
- Flood mitigation
- Flood preparedness and response
- Land development policies and regulations
- Financing strategy

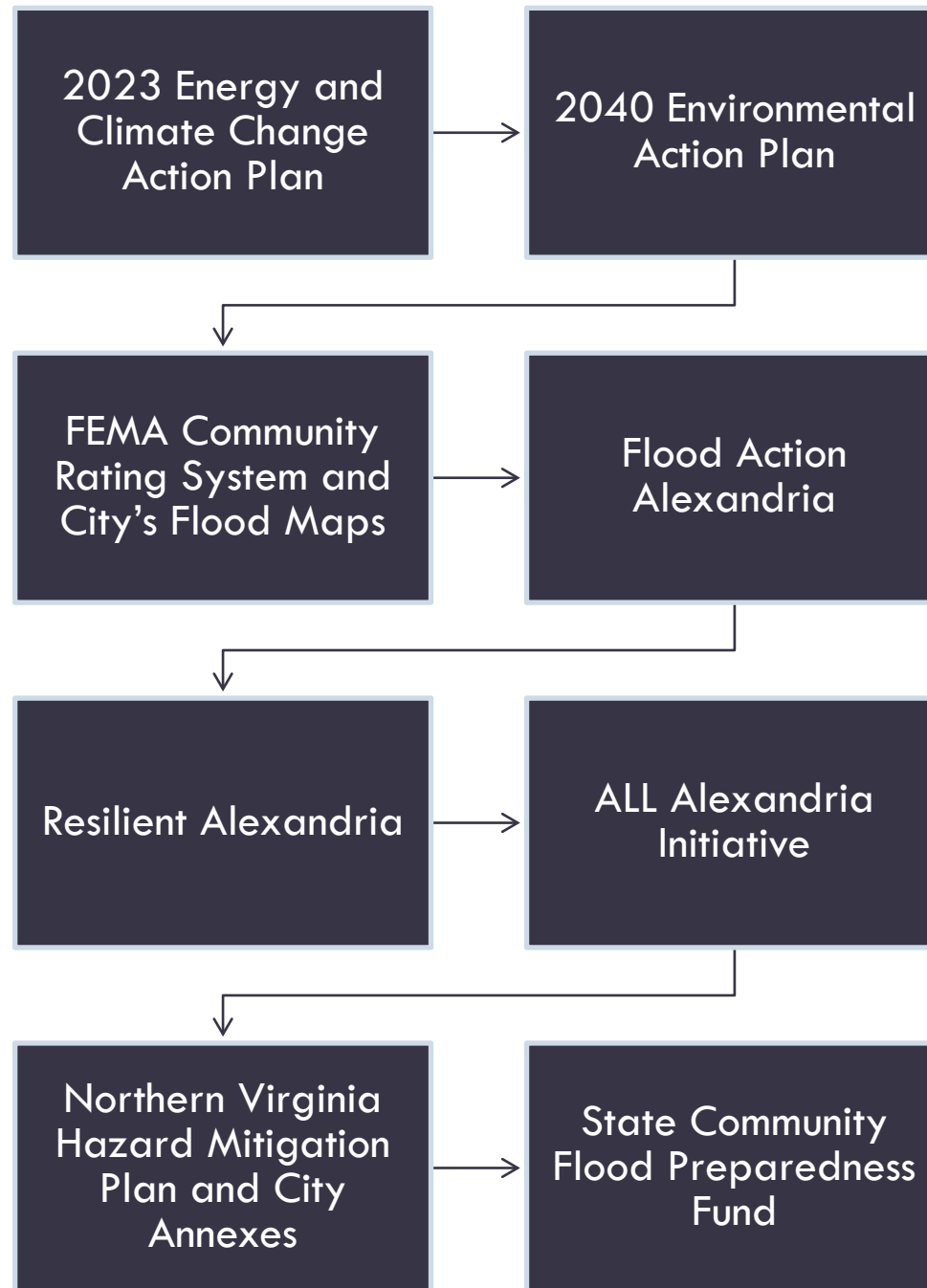


FRP Overview

- Transportation & Environmental Services, Stormwater Management (Lead)
- Department of Project Implementation
- Consultant (Jacobs)

- Will also solicit input from
 - Office of Emergency Management and Planning & Zoning
 - Stormwater Utility and Flood Mitigation Ad Hoc Advisory Committee
 - Environmental Policy Commission
 - General Public

FRP Connection with Other Efforts



FRP Outline

- Background
 - What is Resilience?
 - Understanding Flood Risks
 - Characterization of Alexandria
 - Past Studies and Flood Impacts
 - Vision
 - Resilience Plan Structure
- Hazard Identification
 - Flood Extents
 - Dam Safety
 - Stormwater Water Quality
 - Planning for the Future
 - Vulnerability Assessment
- Flood Resilience Strategy
 - Flood Mitigation
 - Equity considerations
 - Integration with other programs
 - Flood Preparedness and Response
 - Policies & Regulations
 - Communications & Outreach
 - Funding Strategies
- Path Forward
 - Framework for implementation
 - Action Plan/Summary of Projects, Initiatives, and Recommendations
 - Capacity building and community engagement
 - Cost
 - Schedule
 - Plan Updates

Vulnerability Assessment

- Vulnerability Assessment Methodology/Criteria
 - Flooded Area/Structures
 - Business Districts
 - Disadvantaged communities
 - Critical facilities
 - Natural Resources



Flood Resilience Strategy

Flood Mitigation

- Nature-Based Solutions
- Engineered Solutions
- Land Conservation & Buyouts
- Flood Mitigation Grant Program

Policies & Regulations

- Floodplain management
- Growth Planning
- Stormwater management
- Building code updates for at-risk areas
- Incentives



Path Forward



Framework for implementation



Action
Plan/Summary of
Projects, Initiatives,
and
Recommendations



Capacity building
and community
engagement



Cost



Schedule



Plan Updates

Project Milestones

Draft Outline

Draft Report

Community Outreach Event

Update Report

Community Outreach Event

Refine and Finalize Report

Public Comment Period

Update Report and Bring to Council

Implementation

Contact Info

Jessica Lassetter, Senior Environmental Specialist

T&ES Stormwater Management

Jessica.Lassetter@alexandriava.gov

Update of flood mitigation grants for multifamily dwellings

AGENDA ITEM #6

Why are we updating the Program?

- Remove requirement to document past flooding
 - Pilot sought to target prior flooded properties first
 - Pilot allowed for flooding back to July 2019 storms
 - Update removes need for documentation of prior flooding
- Address “Condominium Proportionality”
 - Provide increased and/or 'bundled' relief for condo associations
 - 50/50 match

Condo Proportionality – Individual Unit Bundling (Not Common Areas)

- 50/50 match

Two Scenarios:

1. Owner applies
 - \$5,000 max match for the individual condo
 2. Association can apply for multiple owners: ‘Bundle’
 - Multiple units ‘bundled’ for exterior work
 - Document specific units and cost per each unit
 - Strongly urged to consult with staff prior to starting work, or applying if work completed
- Grant max depends on # of units protected
 - Grant amount subtracted from the \$5,000 per unit individual max total

Condo Proportionality – Common Area

- 50/50 match up to \$25,000 for the association
- Floodproofing measures for protecting common area primary structures, such as clubhouse, parking garage, pool area, etc.
- Strongly urged to consult with staff prior to starting work; or applying if work completed
- Doesn't affect potential 'bundling' eligibility

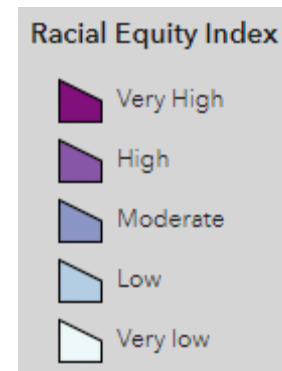
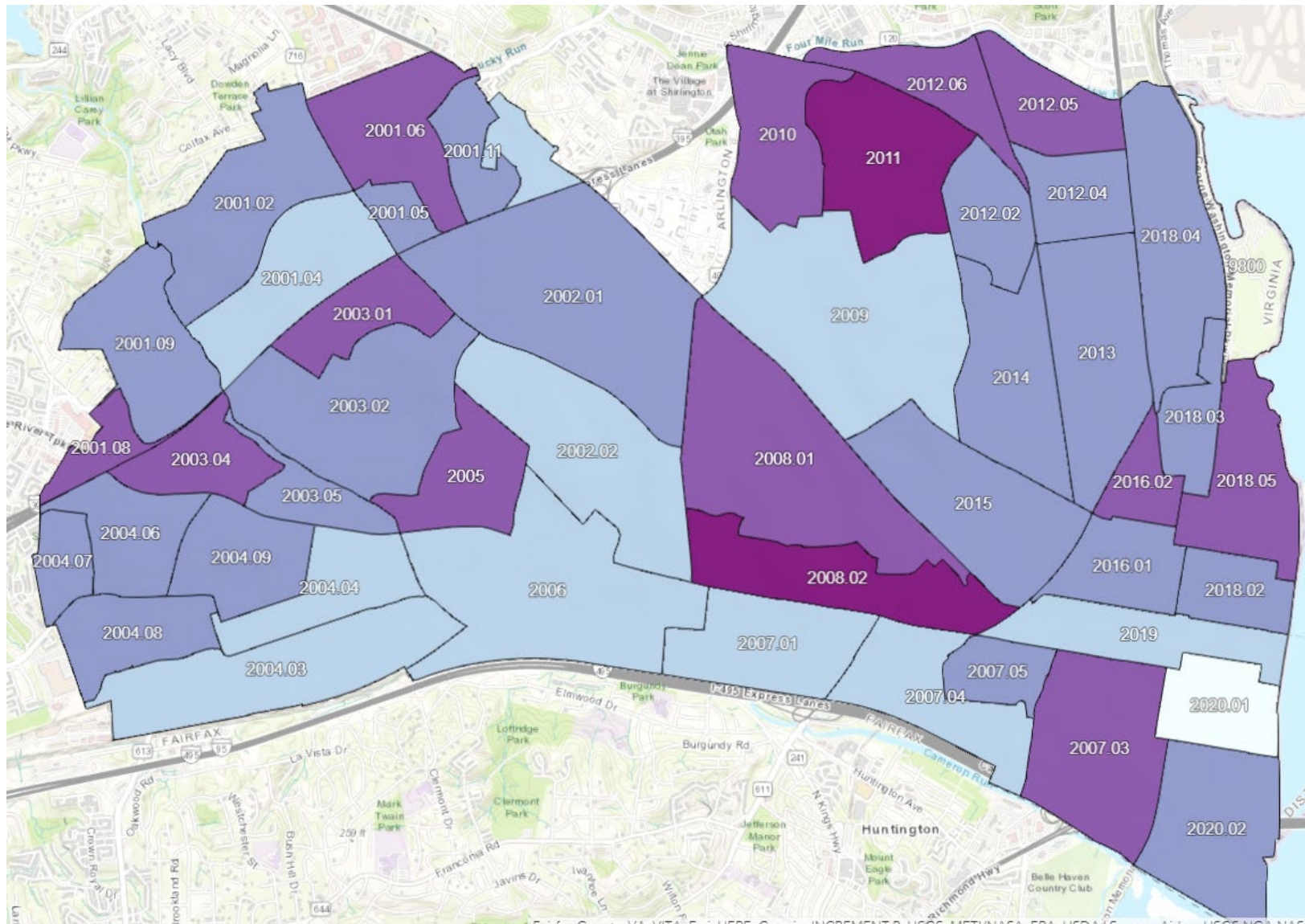
Next Steps

- Make changes to online permitting system and forms
- Community outreach for the changes
- Bring changes to City Council in the Fall
- Implement the changes

Thank you!

Equity map

AGENDA ITEM #7

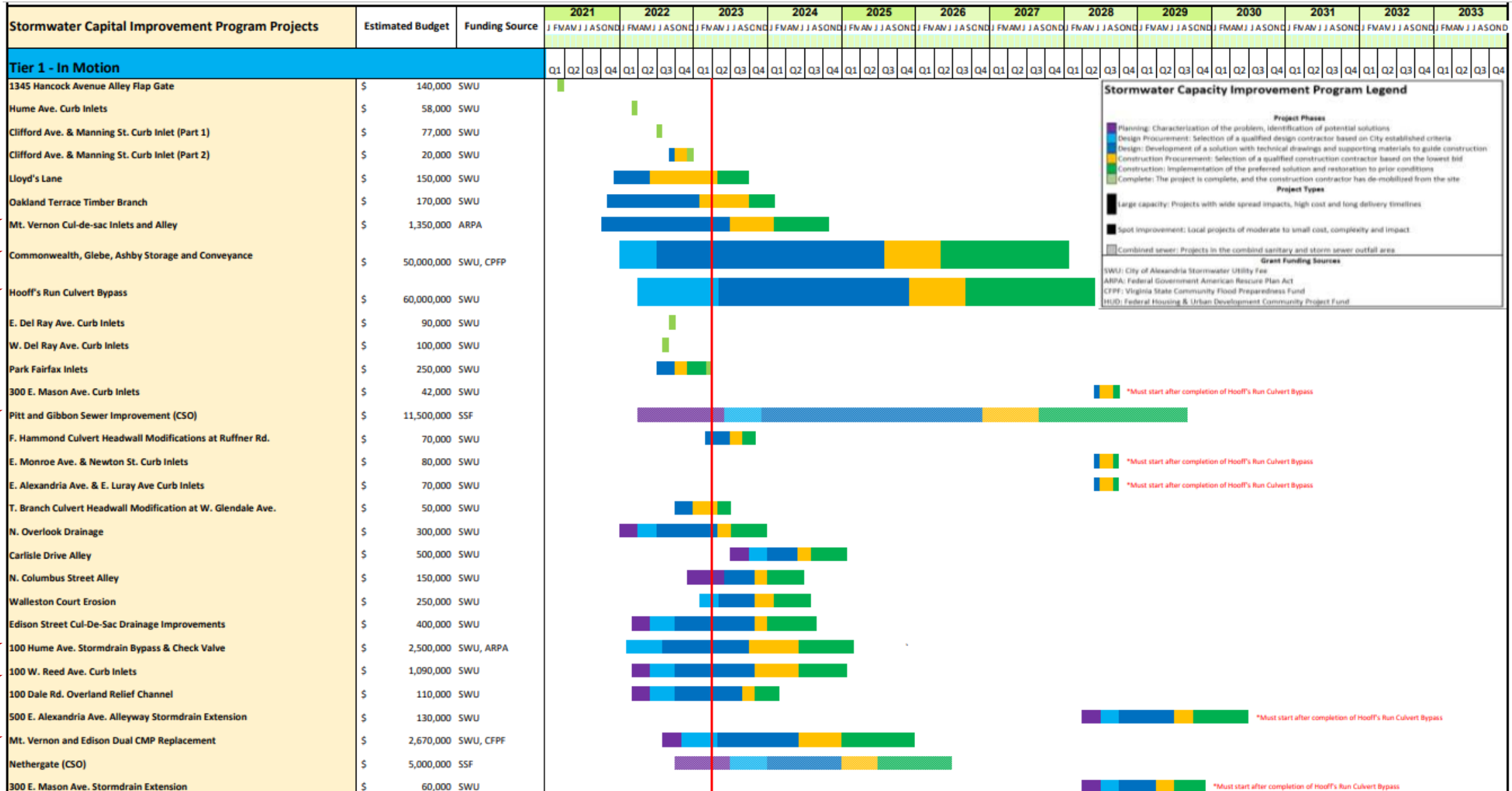


<https://tinyurl.com/equityindexmap>

Group Brainstorming About Communications

AGENDA ITEM #8

Communication Discussion -- Big projects are now being designed



Communication Discussion – How one civic association is staying informed



ROSEMONT
CITIZENS
ASSOCIATION

RCA Updates - May 2023

Next Meeting. The next RCA general meeting will be at the Good Shepherd Lutheran Church, 100 West Luray Avenue, at 7pm on Wednesday, June 21.

The lead item for discussion will be the zoning changes that have been proposed in the City - both what they actually would be and their potential implications. (Alexandria has made available a questionnaire about its zoning initiative, available at <https://www.research.net/r/AlexandriaVA-ZoningforHousingSpringOutreach>, and open through June 19.) If you have specific questions/issues, please let us know in advance (jol@thirdamendment.com).

We also plan to finalize how association membership is handled, and to have a report on recent crimes in the neighborhood and city from our police liaison.

PELT Committee. An update from the Planning, Environment, Land Use, and Transportation committee:

1. Alexandria's "Housing For All" Initiative – Topic at the June 21 RCA Meeting. While City staff are unable to present an update on this initiative at the June 21 RCA meeting, the City's Planning Office will present to civic associations later this year. To keep Rosemonters informed as things develop, the PELT committee asked to meet with the City's planning staff later in late May, or early June. During the meeting, PELT plans to present questions to the staff that may be of most concern to our neighborhood, and PELT will give a full report on the meeting's outcome and the City's response at the June RCA meeting.

2. Stormwater Mitigation – Hooff's Run Project approved in City's Capital Improvement Program. The 10-year Capital Improvement Program (CIP) for stormwater infrastructure was recently approved by City Council along with the annual city budget for FY2024. The CIP has almost \$50 million earmarked in FY2025 and FY2026 for the award of the construction contract, with actual construction starting in late 2027. The CIP has also set-aside money for the routine cleaning of the culvert every five years. To learn more about the City's plans to combat stormwater flooding, visit: <https://patch.com/virginia/delray/cautious-optimism-flood-mitigation-progress-advisory-group>.

July Fourth. We are starting to plan for the annual Independence Day event at Brooks Elementary; as always, the support of volunteers will be essential. Please sign up to help at <https://www.signupgenius.com/go/10c0c4bafaa2ca0f85-2023>; for general information about the event, please visit <https://rosemontcitizensassoc.org/2023-4th-of-july-celebration>.) But we also would like to request help in distributing flyers to homes, to ensure that neighbors who aren't online are aware of the event (and of the RCA generally). If you can help, please email jol@thirdamendment.com.

Keeping Informed. We try to provide regular updates on local news, Rosemont history, and general happenings in the neighborhood and Alexandria via our Facebook page (<https://www.facebook.com/RosemontCitizensAssociation>) and Twitter (<https://twitter.com/RosemontCitizen>) and general resources on our web page (<http://rosemontcitizensassoc.org>). The



Picture of recent storm sewer construction circulated on neighborhood email lists

A stormwater update is included in every monthly newsletter



Communication Discussion – Which civic associations are most interested?

Alexandria Civic Associations by Watershed		
<i>(Draft -- this is a work in progress)</i>		
Association	Website/email	Watershed
Federation of Civic Associations	HOME (alexafca.org)	All
Nethergate Homeowners Association	Nethergate HOA Alexandria, VA – HOA Community (hoa-community.com)	Combined Sewer
Old Town Civic Association	OTCA (theoldtowncivicassociation.org)	Combined Sewer
West Old Town Citizens Association	About Us – West Old Town Citizens Association (WOTCA) (wotcaalexandria.org)	Combined Sewer
Arlandria Citizens Association	kbeekman@yahoo.com	Four Mile (East)
Hume Springs Civic Association	Hume Springs, Alexandria, Virginia - Home	Four Mile (East)
Lynnhaven Civic Association	Lynhaven Civic Association (google.com)	Four Mile (East)
North Ridge Citizens Association	Home (northridgecitizens.org)	Four Mile (East)
Park Fairfax Unit Owners Association	Parkfairfax 	Four Mile (East)
Seminary West Civic Association	Seminary West Civic Association	Four Mile (West)
Brookeville-Seminary Valley Civic Association	Brookville Seminary Valley Civic Assoc. Alexandria VA (bsvca.org)	Holmes Run
Cameron Station Community Association	Contact - Cameron Station	Holmes Run
Wakefield-Tarleton Civic Association	Wakefield-Tarleton Civic Association Facebook	Holmes Run
Del Ray Citizens Association	Del Ray Citizen's Association (delraycitizens.org)	Hooffs Run
Rosemont Citizens Association	Rosemont Citizens Association	Hooffs Run
North Old Town Citizens Association	NOTICE (notice-alexandria.org)	Potomac River
Potomac Greens Homeowners Association	Home - Potomac Greens HOA (sentrywebsites.com)	Potomac River
Seminary Hill Association	Home (seminaryhillassn.org)	Taylor Run
Taylor Run Citizens Association	Taylor Run Citizens' Association - Home Facebook	Taylor Run

Public Comment

AGENDA ITEM #9

Adjourn

AGENDA ITEM #10