

Four Mile Run Restoration Project Joint Task Force Meeting December 2, 2021



ARLINGTON
VIRGINIA

Agenda



1. Introductions
2. Dominion Undergrounding Update
3. Arlandria Chrilagua Small Area Plan Update
4. Four Mile Run Park--Trail Bridge Replacement
5. Four Mile Run Park--Canoe/Kayak Launch
6. W. Glebe/Arlington Ridge Bridge Updates
7. Short Bridge Park trail
8. Amazon/PenPlace
9. Four Mile Run Dredging
10. Flood Resilience initiatives

Dominion Undergrounding Timeline

2020–2021	Community outreach
2020-2021	Real estate
2020-2021	Permitting
2022	Underground transmission line construction begins (pending DEQ approval)
2023	Complete construction in shopping center (may still need access to manholes)
2022-2024	Substation construction
Early 2025	Existing overhead transmission line removal
Q4 2025	Project complete

**This schedule is subject to change based on permits, etc.*



ARLANDRIA CHIRILAGUA

SMALL AREA PLAN
DRAFT 11.18.21

<https://www.alexandriava.gov/110833>

Figure 6: Four Mile Run Restoration Master Plan Illustrative



FOUR MILE RUN PARK

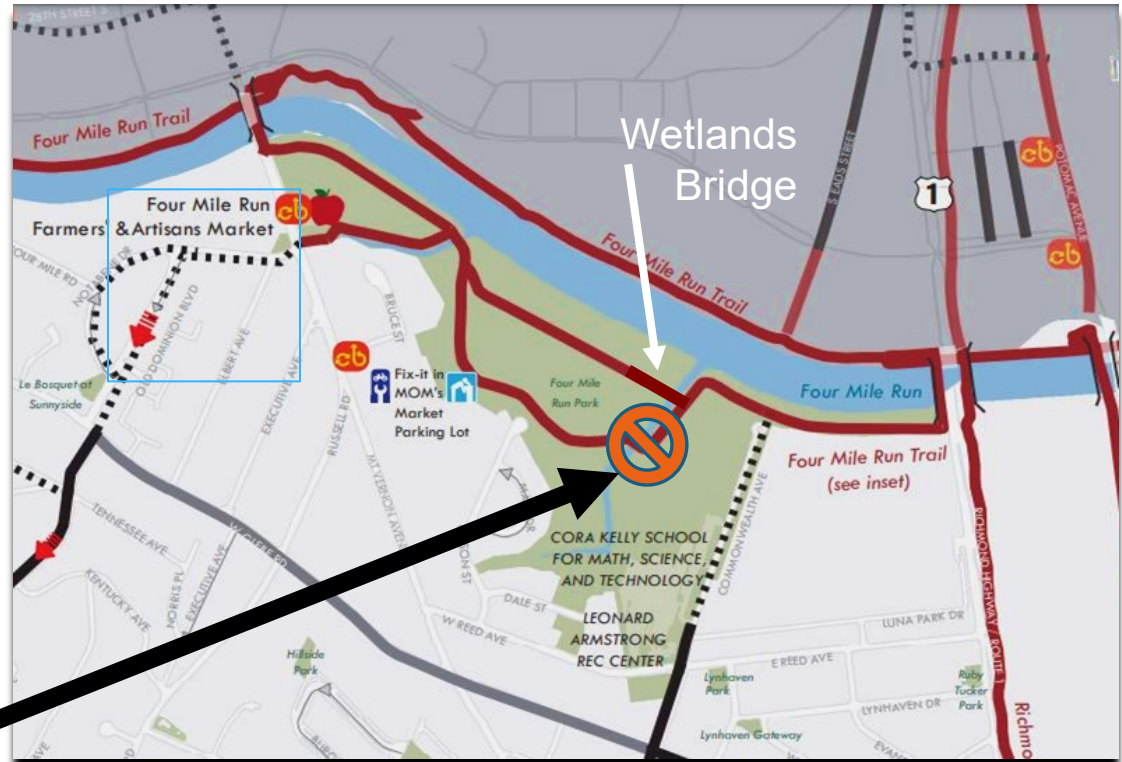
At nearly 50 acres, Four Mile Run Park is one of the largest parks in the City, a major asset for the neighborhood boasting access to Four Mile Run and a variety of active, passive, and natural areas, as well as Four Mile Run Plaza (home to a weekly Farmers and Artisan Market) and the Conservatory Center, a community building for public use. As recommended in the 2014 Four Mile Run Park Improvement Plan, the Conservatory Center community building (former Duron building renovated by the City and currently home to Casa Chirilagua) will remain. Future park planning will consider long-term replacement of the building as needed, in support of the need for community/public facilities in the Plan area.



<https://www.alexandriava.gov/110833>

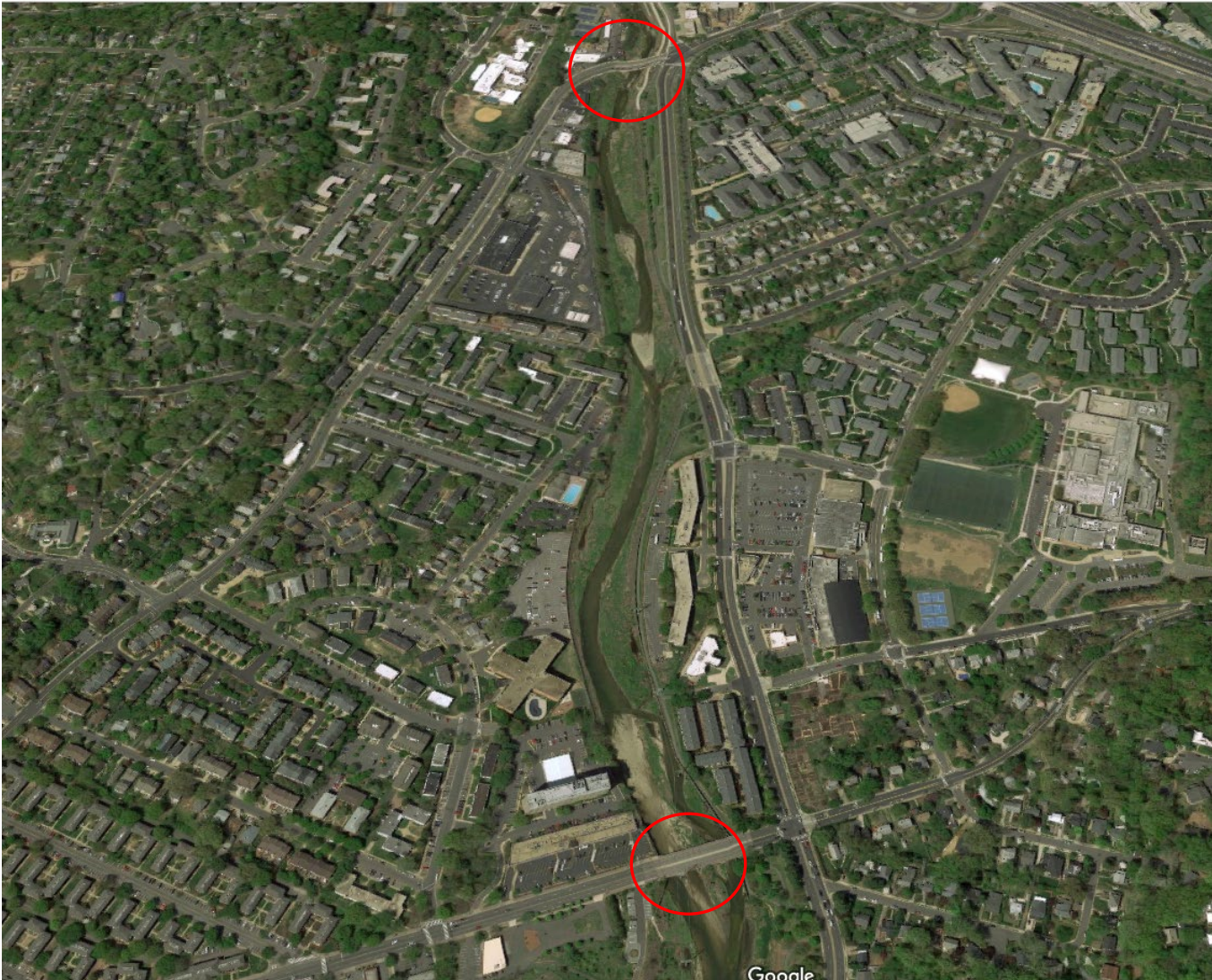
Four Mile Run Park Trail Bridge Replacement

- Design to begin 2022
- Follow detour through new wetlands bridge



Existing bridge
is closed

Mt. Vernon/Glebe Bridge Update



West Glebe Bridge Update



Short Bridge Park Master Plan & Design Guidelines

Adopted
in 2018



SITE PLAN

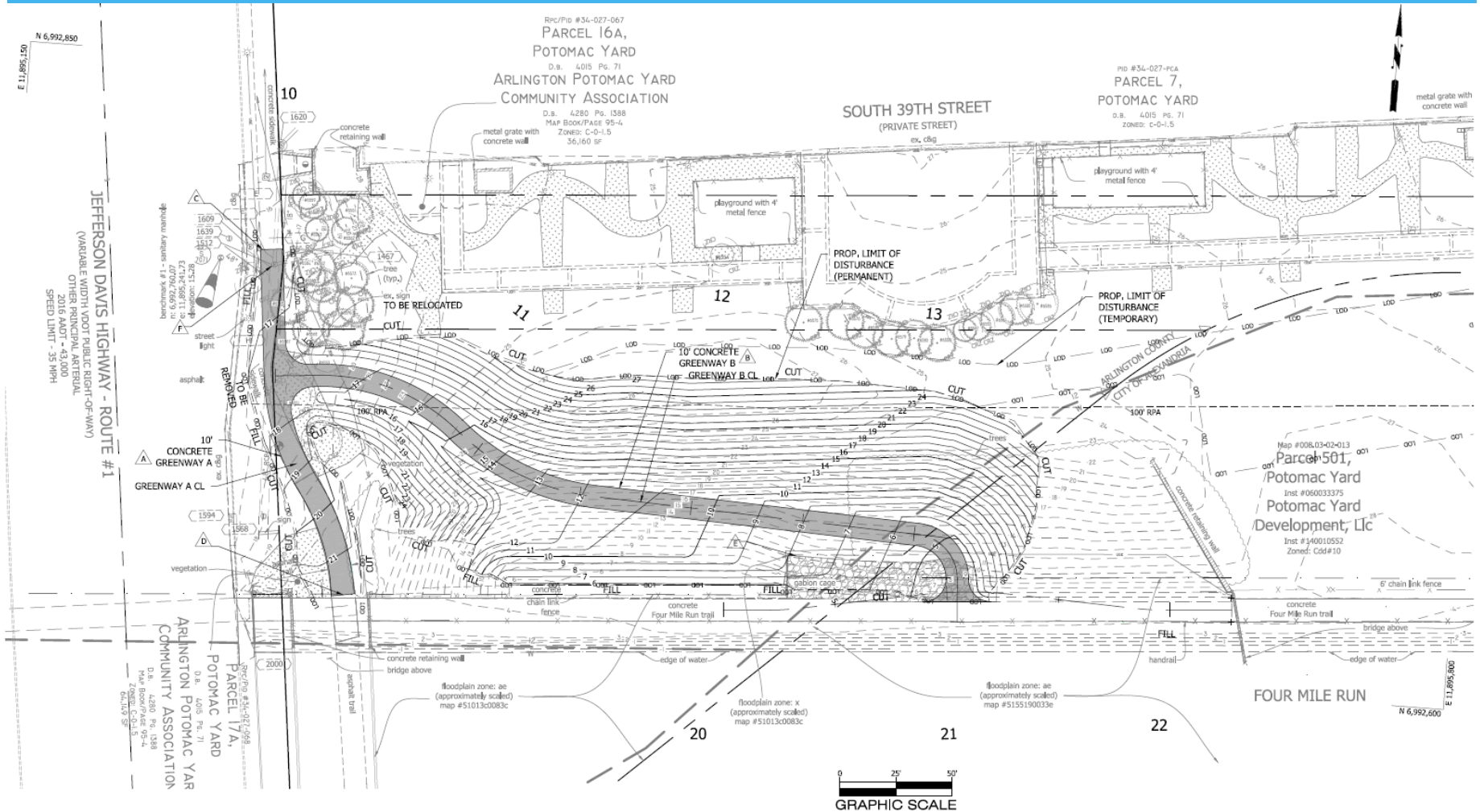
- 1 PARK ENTRANCE
- 2 DOG RUN
- 3 EXISTING PUBLIC PLAYGROUND
- 4 OPEN LAWN
- 5 INTERPRETATIVE PLAZA
- 6 BIORETENTION
- 7 RIPARIAN MEADOW
- 8 MEADOW OVERLOOK
- 9 LAWN TERRACE
- 10 RIVERFRONT OVERLOOK
- 11 STAIRS
- 12 MULTI-USE TRAIL CONNECTION
- 13 CONCRETE PATHWAY
- 14 SHADE STRUCTURE
- 15 EXISTING STAIRS & RAMP TO REMAIN
- 16 UTILITY
- 17 EXISTING PRIVATE PLAYGROUND FOR CHILDCARE BUSINESS

- ARLINGTON COUNTY BOUNDARY
- RESOURCE PROTECTION AREA (RPA)
- PHASE 1 MULTI-USE TRAIL CONNECTION CONSTRUCTION AREA

Adopted Fiscal Year 2019-2028 Capital Improvement Plan (CIP)

- Projected project budget \$6.3 million (subject to change)
- Final Design in out-years Fiscal Year 2023 (subject to change)
- Construction in out-years Fiscal Year 2024 (subject to change)

Short Bridge Park Trail Connection



Current Projects Along 4MR

Four Mile Run Valley (4MRV) Park Master Plan

- Master Plan and Design Guidelines adopted on September 22, 2018
- Includes:
 - Jennie Dean Park
 - Shirlington Dog Park
 - Shirlington Park



Current Projects Along 4MR

Jennie Dean Park, Phase 1

- Currently under construction
- Anticipated completion 1st quarter 2022
- Includes diamond fields, picnic shelter, restrooms, playground, basketball court, tennis court site furnishings, walkways, signage and landscaping.
- Total budget is \$16.18 million

Shirlington Park, Phase 1

- Adopted CIP Fiscal Year 2019-2028 shows construction in Fiscal Year 2027 (subject to change)
- Projected total budget is \$3.0 million (subject to change)

Shirlington Dog Park

- To remain in its current location, as-is
- On-going maintenance and stormwater improvements



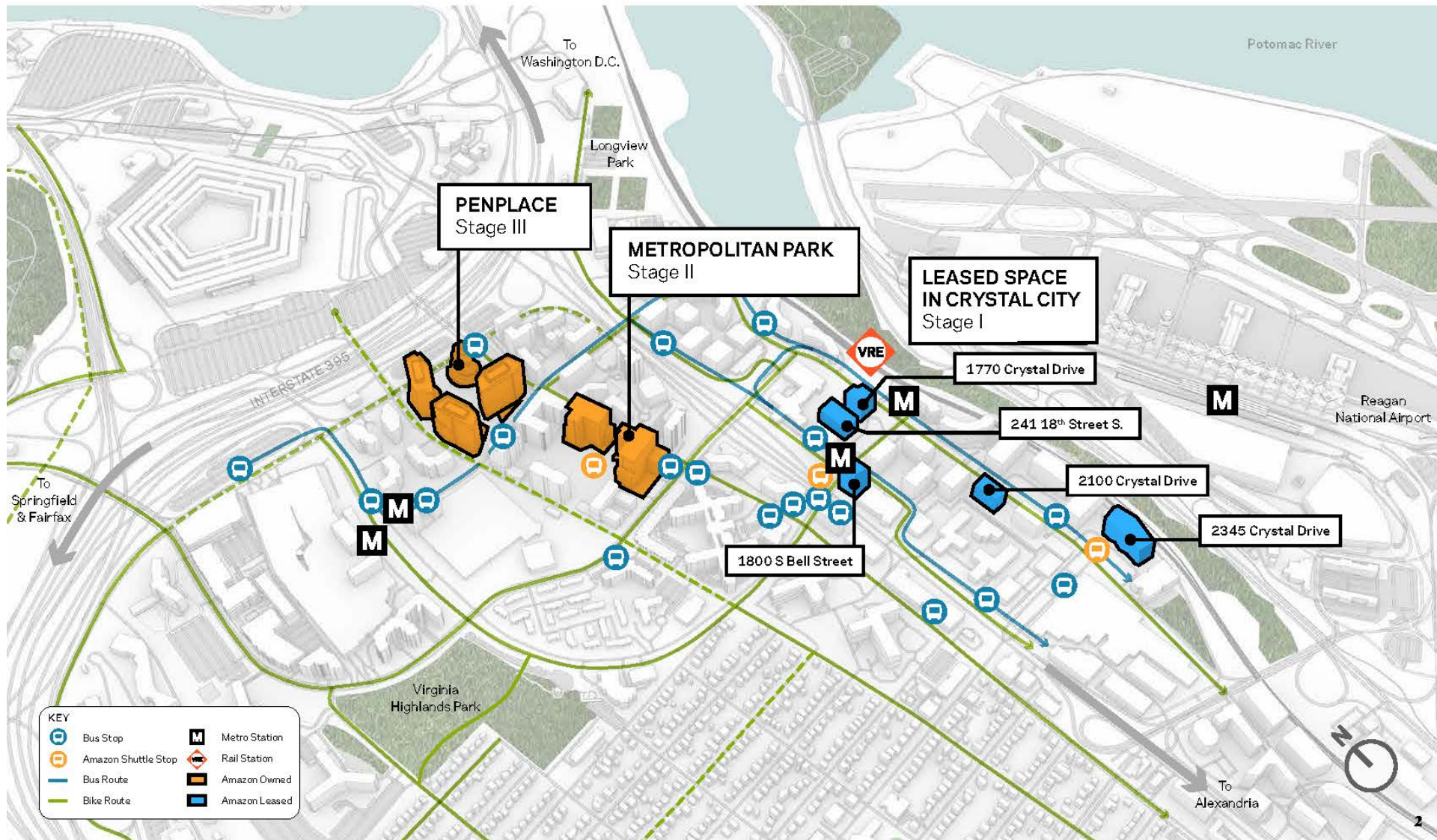
Channel Dredging



- County and City are working together on a plan to receive acceptable rating on the flood channel from the Corps.
- Project will go to bid soon and work will begin next September (cannot start during Feb-June due to fish spawning).
- Staging areas in Troy park and Four Mile Run park
- Work will take about 4-6 months.
- Also working on plans to repair infrastructure along the corridor, such as floodwalls, undermined storm drain outfalls, etc.

Bike/Ped Bridge Update







NATIVE POLLINATOR HABITATS

Conceptual View of Forest, Looking South

APPALACHIAN COVE FOREST

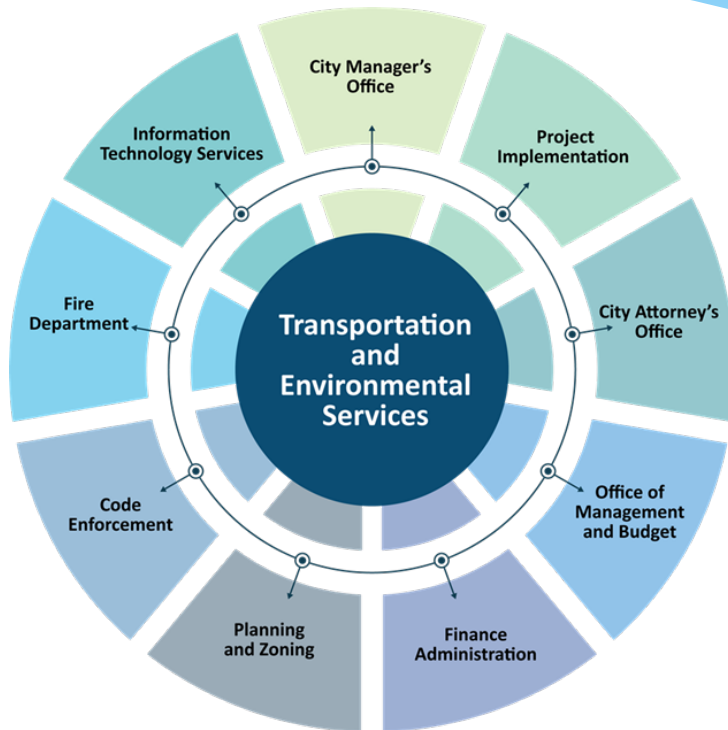


Flood Resilient Arlington



- * Stormwater bond approved in November 2020. Increased investment in stormwater for County CIP
- * New strategy to co-locate stormwater anchor projects under fields and parks
 - Cardinal Elementary School vault starting construction this month
- * Capacity project planning underway for five critical watersheds
- * Risk Assessment and Management Plan (RAMP) - includes updated climate projections, mapped critical assets and facilities, and modeling of current and future flood patterns (with factors for climate change).
- * Land Disturbing Activity/Stormwater Permit (LDA) 2.0 – New requirements for on-site detention of stormwater in single-family property development
- * FEMA Floodplain Map Update underway and Risk Rating 2.0
- * <https://www.arlingtonva.us/Government/Programs/Flooding>

Flood Action Alexandria



- ✓ **Data collection** from residents and businesses, modeling and assessments, and regional weather data
- ✓ **Enhanced communications** for web page and make Alex311 more user friendly
- ✓ **Expand early warning** programs and a tie into regional weather data and tracking
- ✓ **Legislative advocacy** for local residential flood proofing grants
- ✓ **Neighborhood engagement** and technical assistance to understand the scope and assist residents
- ✓ **Project acceleration and reprioritization** of funding from water quality to water quantity; enhance maintenance

Flood Action Alexandria

FLOODACTION

ALEXANDRIA

What the City is Doing

- * Flooding & Drainage Stormwater Projects
- * Spot Improvement Projects
- * Capacity Improvement Projects
- * Maintenance
- * Sanitary Sewer Division
- * Community Outreach & Engagement
- * Early Warning & Emergency Response
- * Rain Gauge & Stream Flow Tool

What You Can Do

- * Assess Your Flooding Situation
- * Purchase Flood Insurance
- * Flood-Proof Your Property
- * Prevent Sewer Backups
- * Report Issues to Alex311
- * Apply to the Flood Mitigation Pilot Grant Program
- * Apply to the Commercial Property Assessed Clean Energy (C-PACE) Program
- * Alexandria Stormwater Utility Fee Credit Program

Questions?