



Flood Action Alexandria Update



City Council Briefing

March 22, 2022



Flood Action Alexandria: Partnership to Address Flooding

City Leadership

- ✓ Guidance
- ✓ Funding – Stormwater Utility Fee

City Staff

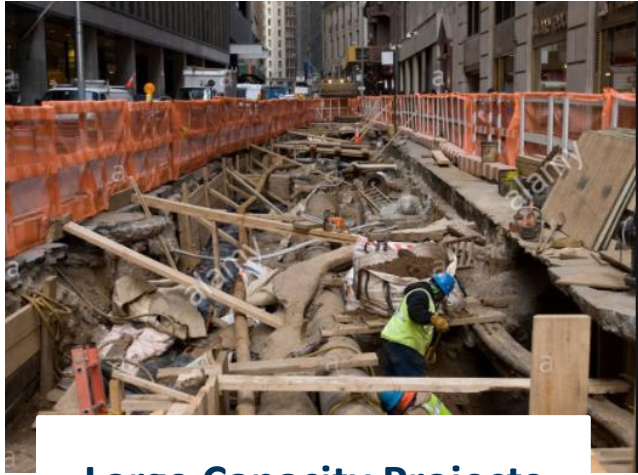
- ✓ Maintenance and Operation of the Stormwater and Sanitary Systems
- ✓ Neighborhood investigations and project identification
- ✓ Capital Improvement Program Projects
 - ✓ Large Capacity Projects
 - ✓ Spot Improvement Projects

Residents

- ✓ Ad Hoc Stormwater Utility and Flood Mitigation Advisory Group
- ✓ Report the issues via Alex311
- ✓ Work on floodproofing their property – Flood Grant
- ✓ Become involved



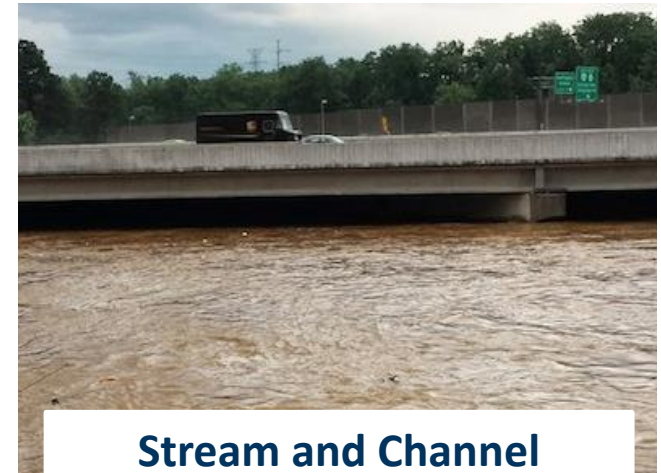
Stormwater Management: Outcome-Oriented Programs



Large Capacity Projects



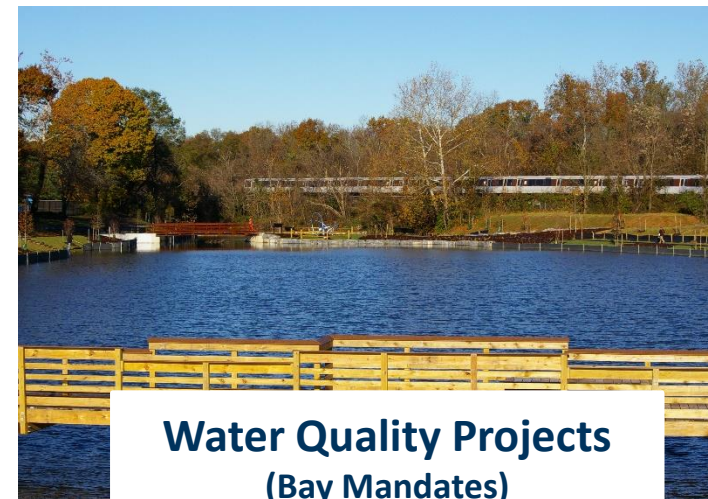
Spot Improvements Projects



Stream and Channel Maintenance

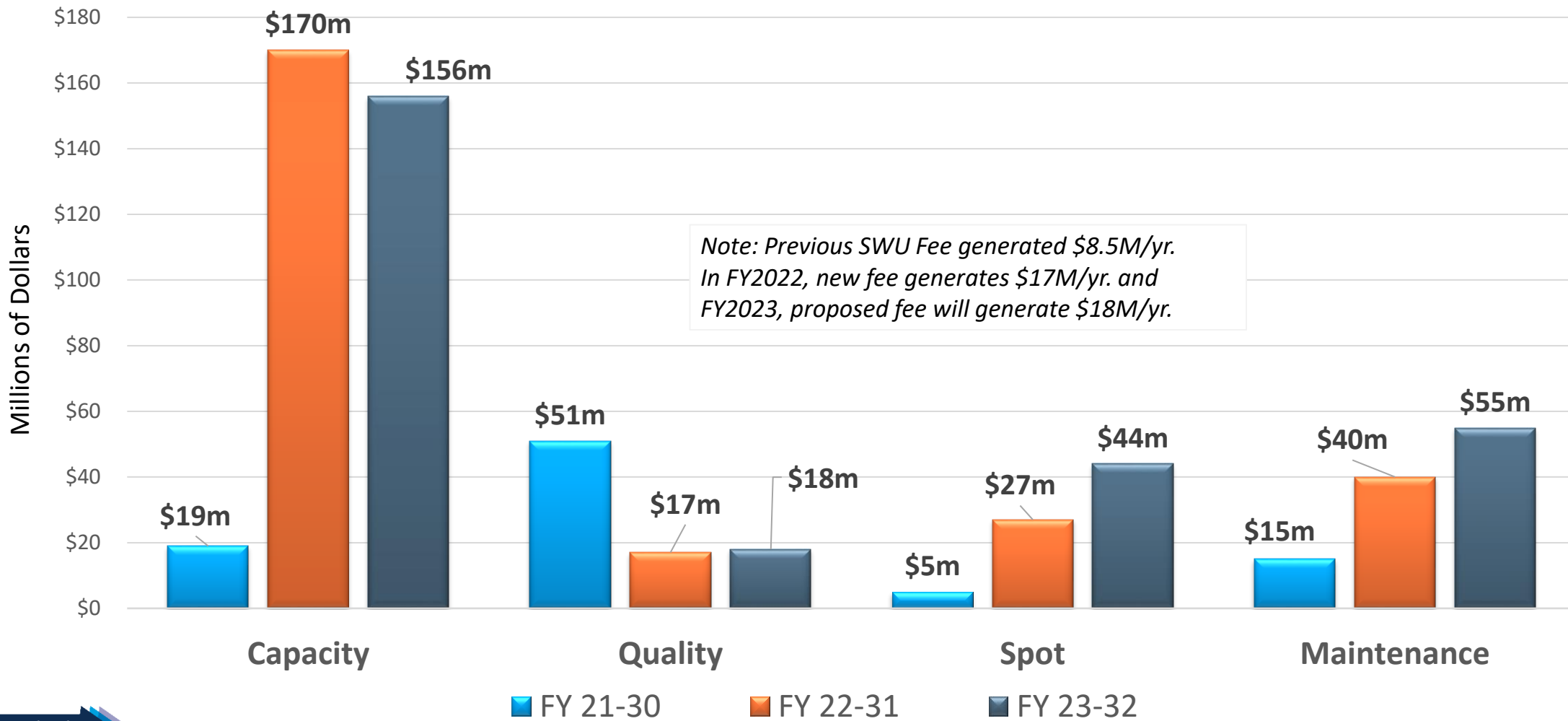


Infrastructure Maintenance

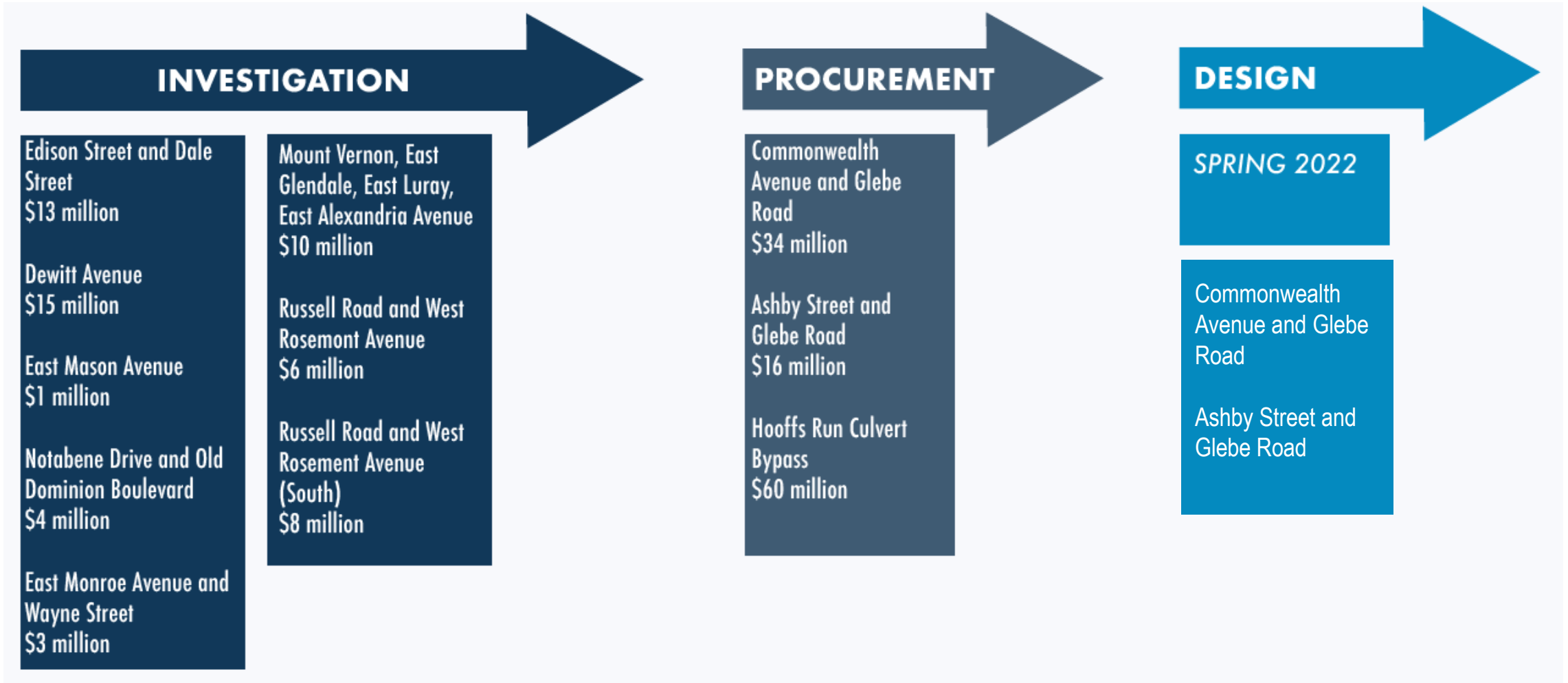


**Water Quality Projects
(Bay Mandates)**

Stormwater Management Funding Changes from FY21 to FY23 Ten-Year Plan Proposed



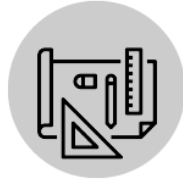
Large Capacity Project Phase Timeline



Large Capacity Projects



Combined two projects to streamline design



Design for top 3 projects funded in FY 22: \$19.9 million



Construction estimates for FY 23, FY 24, FY 25: \$87.6 million

Design 1 & 2

East Glebe Road and Commonwealth Avenue and Ashby Street and East Glebe Road

Request for Qualifications: Jan. 21, 2022

Estimated Contract Award: Spring 2022

Design Completion Target: Spring 2025

Awarded Community Flood Preparedness Fund Grant

Design 3

Hooffs Run Culvert Bypass

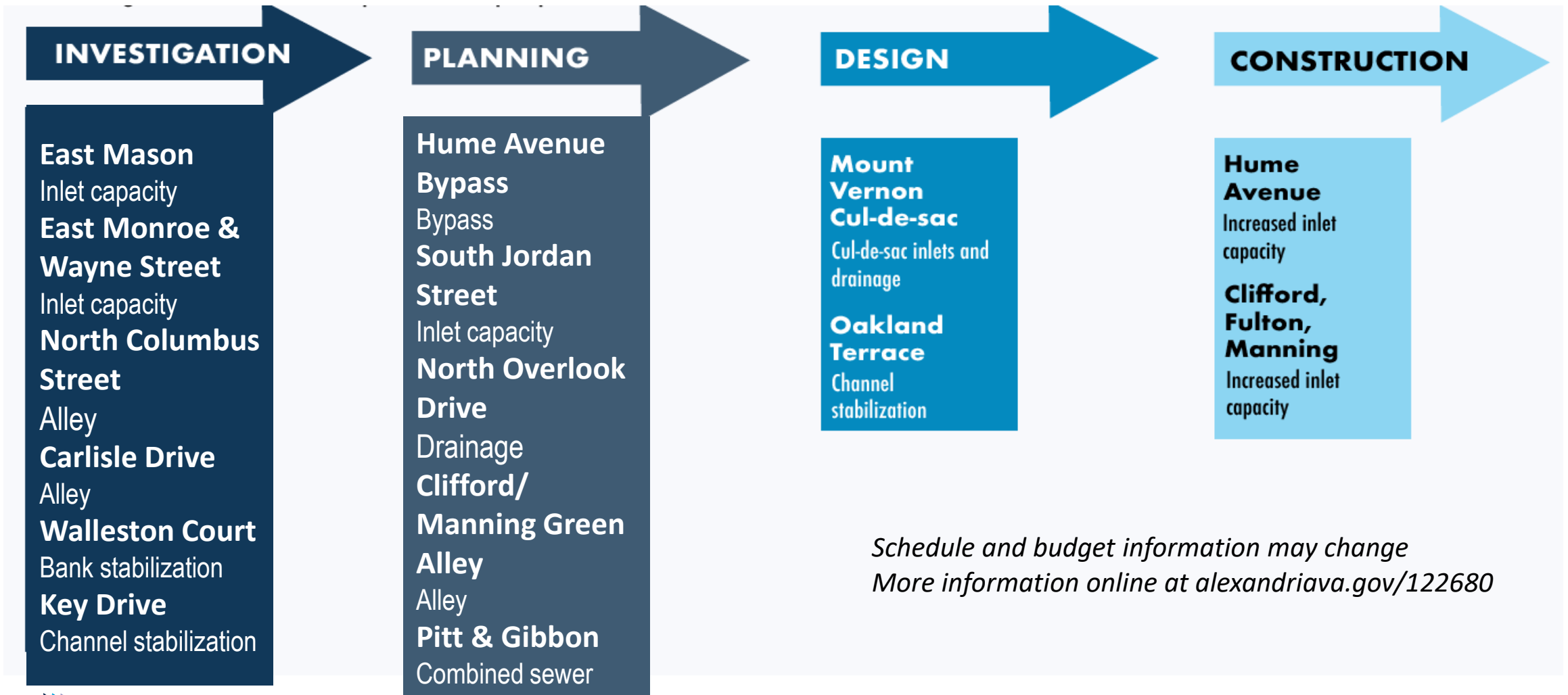
Request for Qualifications: April 2022

Estimated Contract Award: Spring 2022

Design Completion Target: Spring 2025

*Schedule and budget information may change
More information online at alexandriava.gov/124317*

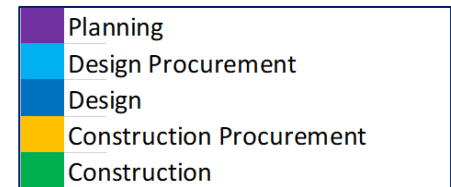
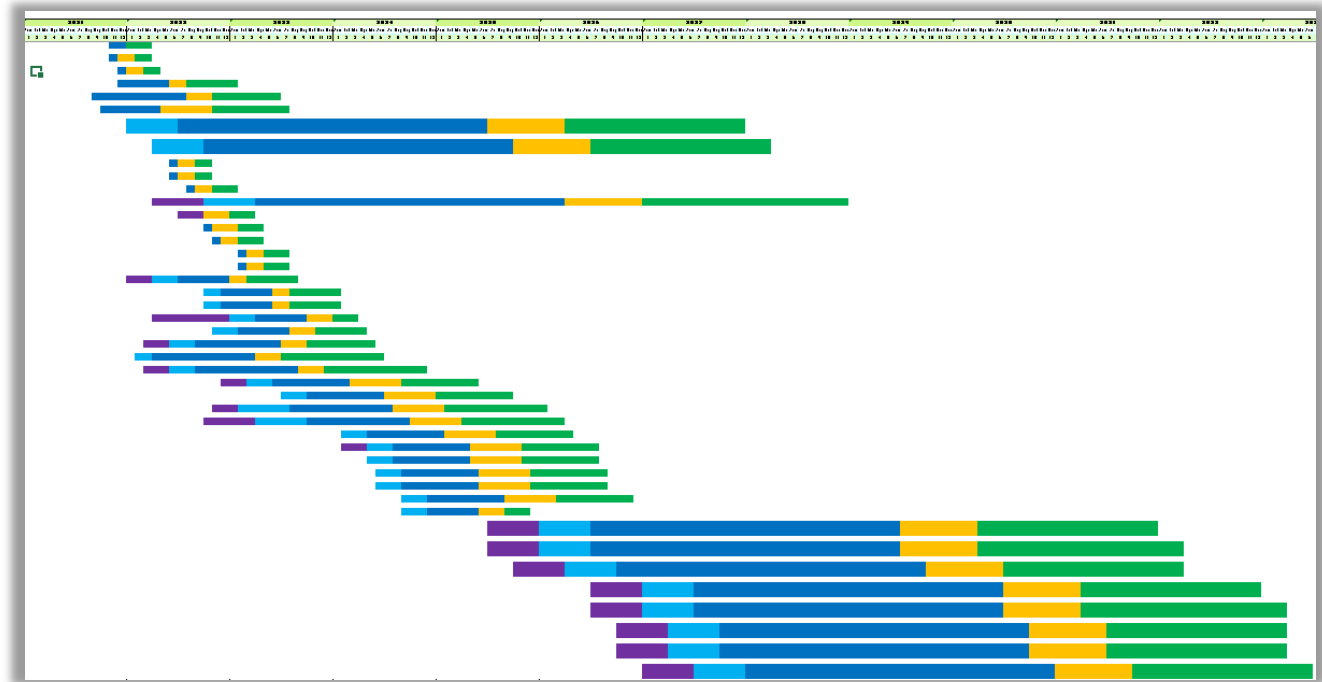
Spot Improvement Project Phase Timeline



*Schedule and budget information may change
More information online at alexandriava.gov/122680*

Master Baseline Schedule

- ✓ Tier 1—In motion: Projects currently in motion between 2022 and 2025; firm schedule although it may need adjustments
- ✓ Tier 2—On deck: Projects beyond 2025; schedule likely to be modified
- ✓ Tier 3—In planning: Projects being continually identified that need to be prioritized
- ✓ Detailed schedule to be reviewed with Ad Hoc group



Operations & Maintenance

- ✓ Inspecting and cleaning storm lines every 3-5 yrs.
- ✓ Inspecting and clearing before storms
- ✓ Repairing stormwater infrastructure as needed
- ✓ Maintaining streams and channels
- ✓ Maintaining large infrastructure components, such as Hooffs Run Culvert
- ✓ Inspecting interior of sewers via CCTV
- ✓ Street sweeping & leaf removal
- ✓ Additional maintenance in response to service requests received via Alex311



Flood Mitigation Grant: Funding and Administration

LEGISLATIVE CHANGES TO VA CODE:

- Allow for local funding on private property

FUNDING AVAILABLE FY 2022 SWU Fee:

- \$750,000 (\$769,000 for FY 2023)

FUNDING PER APPLICANT:

- Up to \$5,000; 50% City / 50% applicant cost share

PROGRAM ADMINISTRATION:

- Transportation & Environmental Services (T&ES),
Stormwater Management Division

STATS TO DATE:

- 167 applications
- \$255k paid out
- \$769k in proposed FY23
- Continuing communications to increase participation

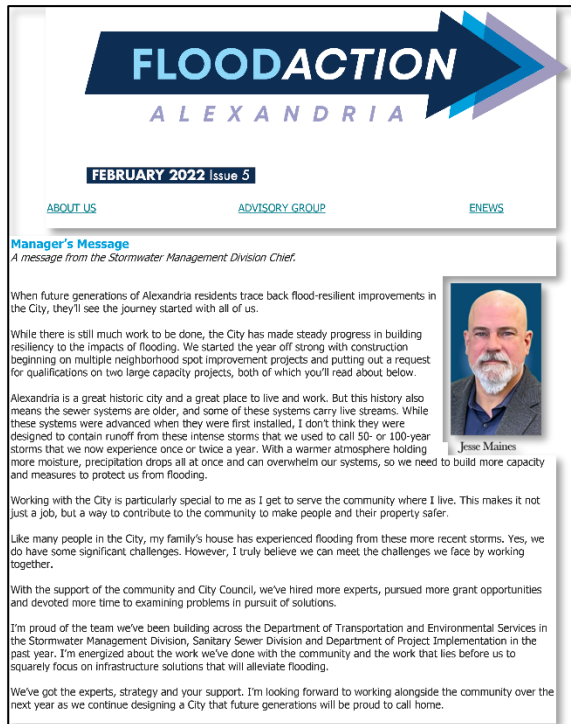


Communications

How we are keeping you informed.

FLOOD ACTION NEWSLETTER

Project updates, news and messages directly from senior leaders.



VIDEO STORYTELLING

Informative and educational video messaging from the staff.



SOCIAL MEDIA

Are you following T&ES?
Get an inside look at projects.



1,190 Posts 1,334 Followers 43 Following

T&ES Alexandria, VA

The official account for the City of Alexandria VA Department of Transportation & Environmental Services.

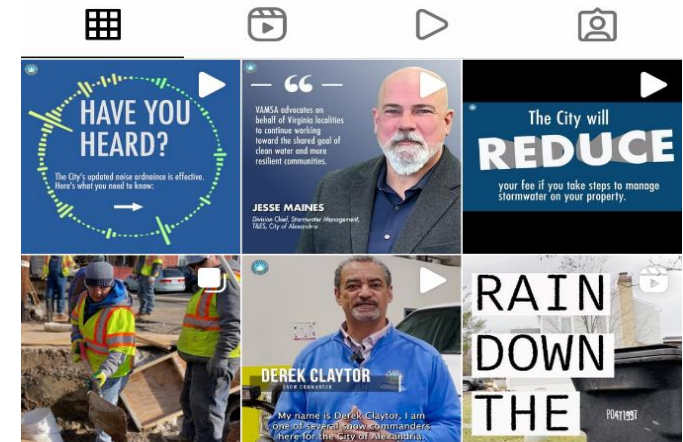
alexandriava.gov/TES

301 King St, Rm 4100, Alexandria, Virginia



Followed by alexandriavapd, dashbus_ and 23 others

Following ▾ Message Email +



ART: FREEPIK



The Flood Action Alexandria initiative is the comprehensive response to address flooding in all corners of the City. Here's a look at what our team does to mitigate flooding.

Thanks!



www.alexandriava.gov/FloodAction