



# Stormwater Capital Improvement Program Schedule



NOTE: The City of Alexandria's Department of Transportation and Environmental Services (TES) and Department of Project Implementation (DPI) have developed the Project Schedule for the Stormwater Capital Improvement Program based on industry best practices for project management and scheduling, historical project delivery data specific to the City of Alexandria, and the engineering judgement of our robust City Flood Action Team. Project Schedules are estimates and subject to change based on contractor availability and capacity, unforeseen circumstances, and field conditions. This iteration of the Project Schedule for the Stormwater Capital Improvement Program reflects progress through July, 2023.

Stormwater Capital Improvement Program Projects	Estimated Budget	Funding Source	Calendar Year																																																											
			2021				2022				2023				2024				2025				2026				2027				2028				2029				2030				2031				2032				2033											
			J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A	J	F	M	A
<b>Tier 1 - In Motion</b>			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
CFM Green Alley	\$ 430,000	HUD (Beyer), SWU																																																												
Commonwealth Ave. Ashby & Glebe Conveyance	\$ 50,000,000	SWU, CFPF																																																												
Edison Street Cul-De-Sac Drainage Improvements	\$ 1,000,000	SWU, CFPF																																																												
F. Hammond Culvert Headwall Modifications at Ruffner Rd.	\$ 70,000	SWU																																																												
Hooff's Run Culvert Bypass	\$ 60,000,000	SWU																																																												
Hume Ave. Stormdrain Bypass & Check Valve	\$ 3,500,000	SWU, ARPA																																																												
Lloyd's Lane	\$ 150,000	SWU																																																												
Oakland Terrace Timber Branch	\$ 170,000	SWU																																																												
Mt. Vernon and Edison Dual CMP Replacement	\$ 2,500,000	SWU, CFPF																																																												
Mt. Vernon Cul-de-sac Inlets and Alley	\$ 1,350,000	ARPA, SWU																																																												
Nethergate (CSO)	\$ 5,000,000	SSF																																																												
N. Overlook Drainage	\$ 300,000	SWU																																																												
Pitt and Gibbon Sewer Improvement (CSO)	\$ 11,500,000	SSF																																																												
W. Reed Ave. Curb Inlets & Dale Street Drainage Improvements	\$ 2,230,000	SWU																																																												
<b>Tier 2 - On Deck</b>			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
DeWitt Ave. Storage and Conveyance	\$ 15,000,000	SWU																																																												
E. Alexandria Ave. & E. Luray Curb Inlets	\$ 70,000	SWU																																																												
E. Mason Ave. Curb Inlets	\$ 42,000	SWU																																																												
E. Mason Ave. & E. Duncan Stormdrain Connection	\$ 560,000	SWU																																																												
E. Monroe Ave. & Newton Curb Inlets	\$ 80,000	SWU																																																												
E. Mason Ave. Storage	\$ 1,000,000	SWU																																																												
E. Mason Ave. Stormdrain Extension	\$ 60,000	SWU																																																												
Edison St. & Dale Storage and Conveyance	\$ 13,000,000	SWU																																																												
E. Monroe Ave. & Wayne Conveyance	\$ 3,000,000	SWU																																																												
Mt. Vernon, E. Glendale, E. Luray, E. Alexandria Storage & Conveyance	\$ 10,000,000	SWU																																																												
Notabene Dr. and Old Dominion Storage and Conveyance	\$ 4,000,000	SWU																																																												
Russell Rd. & W. Rosemont Conveyance	\$ 6,000,000	SWU																																																												
Russell Rd. & W. Rosemont Storage	\$ 8,000,000	SWU																																																												
Skyhill Rd. Stormdrain Extension	\$ 350,000	SWU																																																												
Walleston Court Erosion	\$ 250,000	SWU																																																												

**Stormwater Capacity Improvement Program Legend**

**Project Phases**

- Planning: Characterization of the problem, identification of potential solutions
- Design Procurement: Selection of a qualified design contractor based on City established criteria
- Design: Development of a solution with technical drawings and supporting materials to guide construction
- Construction Procurement: Selection of a qualified construction contractor based on the lowest bid
- Construction: Implementation of the preferred solution and restoration to prior conditions
- Complete: The project is complete, and the construction contractor has de-mobilized from the site

**Project Types**

- Large capacity: Projects with wide spread impacts, high cost and long delivery timelines
- Spot improvement: Local projects of moderate to small cost, complexity and impact
- Combined sewer: Projects in the combined sanitary and storm sewer outfall area

**Grant Funding Sources**

- SWU: City of Alexandria Stormwater Utility Fee
- ARPA: Federal Government American Rescue Plan Act
- CFPF: Virginia State Community Flood Preparedness Fund
- HUD: Federal Housing & Urban Development Community Project Fund