

**STORMWATER MANAGEMENT: STORMWATER INFRASTRUCTURE/
CAPACITY IMPROVEMENTS PROGRAM**

10 YEAR CATEGORY SUMMARY (in \$1,000s)

	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	10 Year Total
1. 33rd Street North to Williamsburg Capacity	0	160	1,115	1,175	1,010	1,260	0	0	0	0	4,720
2. Capacity Project Feasibility Studies	150	155	160	165	165	170	170	175	175	175	1,660
3. Columbia Pike at South Greenbrier Street	1,000	1,190	820	8,980	5,200	0	0	0	0	0	17,190
4. Crossman Run Watershed Capacity Improvements	0	3,420	3,140	1,600	15,425	12,990	0	0	0	0	36,575
5. Flood Resiliency Design & Construction Guidelines	150	0	0	0	0	0	0	0	0	0	150
6. Flood Risk Reduction Program	1,500	1,590	1,995	2,205	1,070	1,100	1,130	1,190	1,220	1,250	14,250
7. Langston Boulevard Culvert at North Sycamore	440	0	0	0	0	0	0	0	0	0	440
8. Lower Long Branch Flood Risk Reduction Project	0	0	0	0	0	645	665	700	720	740	3,470
9. Lubber Run Watershed Capacity Improvements	1,500	3,610	3,075	1,260	6,455	6,560	6,240	14,870	13,385	10,005	66,960
10. Miscellaneous Expansion/ Capacity Projects	0	310	0	325	0	335	0	345	0	355	1,670
11. North Thomas Street	255	875	1,125	0	0	0	0	0	0	0	2,255
12. Spout Run Watershed Capacity Improvements	7,900	8,130	8,630	8,340	7,630	7,805	6,920	5,815	4,490	4,305	69,965
13. Stohman's Run Watershed Capacity Improvements	250	515	1,310	0	0	0	0	0	0	0	2,075
14. Torreyson Run Watershed Capacity Improvements	1,725	4,140	4,860	5,340	1,635	0	0	0	0	0	17,700
15. Williamsburg at North Underwood Capacity	0	155	865	960	1,125	0	0	0	0	0	3,105
Total Recommendation	14,870	24,250	27,095	30,350	39,715	30,865	15,125	23,095	19,990	16,830	242,185

CATEGORY FUNDING SOURCES (in \$1,000s)

	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	10 Year Total
New Funding											
Federal Funding	0	0	0	4,000	0	0	0	0	0	0	4,000
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	23,030	26,145	39,715	30,695	15,125	22,920	19,990	16,655	194,275
PAYG	0	0	0	0	0	0	0	0	0	0	0
Short Term Finance	0	0	0	0	0	0	0	0	0	0	0
Stormwater Utility Fee Revenue	740	155	160	205	0	170	0	175	0	175	1,780
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Subtotal New Funding	740	155	23,190	30,350	39,715	30,865	15,125	23,095	19,990	16,830	200,055
Previously Approved Funding											
Authorized but Unissued Bonds	14,130	24,095	3,905	0	0	0	0	0	0	0	42,130
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
Subtotal Previously Approved Funding	14,130	24,095	3,905	0	0	0	0	0	0	0	42,130
Total Funding Sources	14,870	24,250	27,095	30,350	39,715	30,865	15,125	23,095	19,990	16,830	242,185



1. 33RD STREET NORTH TO WILLIAMSBURG CAPACITY

Project Highlights:

- This is a watershed-scale project in the Little Pimmit Run watershed to increase capacity by connecting previously constructed storm drain improvements from the cul-de-sac at 33rd Street North to Williamsburg Boulevard.
- Land acquisition is required.
- Existing stormwater pipes experience capacity issues - expansion of capacity is currently restrained by small easements and other nearby utilities.

Associated Plan(s):

Storm Water Master Plan

Neighborhood(s):

Rock Spring

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
New Bond Issue				1,175	1,010	1,260					3,445
Previous Funding											
Authorized but Unissued Bonds		160	1,115								1,275
Total Funding	0	160	1,115	1,175	1,010	1,260	0	0	0	0	4,720
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Design Summer 2025
- Construction Summer 2026

Changes from Prior CIP:

Timing of expenditures has pushed out four years from the previous CIP.



2. CAPACITY PROJECT FEASIBILITY STUDIES

Project Highlights:

- Planning and feasibility studies provide an integrated approach to proper scoping of potential projects.

Associated Plan(s):

Storm Water Master Plan

Neighborhood(s):

VARIOUS

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
New Bond Issue					165		170		175		510
Stormwater Utility Fee Revenue	150	155	160	165		170		175		175	1,150
Previous Funding											
Total Funding	150	155	160	165	165	170	170	175	175	175	1,660
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Changes from Prior CIP:

No change from the previous CIP.



3. COLUMBIA PIKE AT SOUTH GREENBRIER STREET

Project Highlights:

- This project will help mitigate frequent and severe flooding around Columbia Pike and South Greenbrier Street by increasing stormwater system capacity and efficiency (identified for Critical Vulnerability).
- Easements will likely be required to complete the necessary improvements.

Associated Plan(s):

Storm Water Master Plan

Neighborhood(s):

Columbia Forest

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Federal Funding				4,000							4,000
New Bond Issue			820	4,980	5,200						11,000
Previous Funding											
Authorized but Unissued Bonds	1,000	1,190									2,190
Total Funding	1,000	1,190	820	8,980	5,200	0	0	0	0	0	17,190
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Feasibility Study Fall 2022
- Design Spring 2024
- Construction Fall 2024

Changes from Prior CIP:

Timing of expenditures has pushed out two years from the previous CIP.

Project Links:

- West Columbia Pike Stormwater Improvements – Official Website of Arlington County Virginia Government (arlingtonva.us): <https://www.arlingtonva.us/Government/Programs/Office-of-Sustainability-and-Environment/Stormwater/Stormwater-Capacity-Improvements/West-Columbia-Pike-Stormwater-Improvements>



4. CROSSMAN RUN WATERSHED CAPACITY IMPROVEMENTS

Project Highlights:

- This project is a watershed scale solution for flooding and drainage issues (identified for Critical Vulnerability).
- Solutions may include a combination of pipe upgrades, new conveyance systems, and underground detention vaults.

Associated Plan(s):

Storm Water Master Plan

Neighborhood(s):

Arlington-East Falls Church
Williamsburg

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
New Bond Issue			2,340	1,600	15,425	12,990					32,355
Previous Funding											
Authorized but Unissued Bonds		3,420	800								4,220
Total Funding	0	3,420	3,140	1,600	15,425	12,990	0	0	0	0	36,575
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Design Summer 2025
- Construction FY 2026 – FY 2030

Project Links:

- Crossman Run Stormwater Improvements – Official Website of Arlington County Virginia Government (arlingtonva.us): <https://www.arlingtonva.us/Government/Programs/Office-of-Sustainability-and-Environment/Stormwater/Stormwater-Capacity-Improvements/Crossman-Run-Stormwater-Improvements>

Changes from Prior CIP:

Timing of expenditures has pushed out three years from the previous CIP.



5. FLOOD RESILIENCY DESIGN & CONSTRUCTION GUIDELINES

Project Highlights:

- The Flood Resiliency Design and Construction Guidelines Manual was approved by the County's Stormwater Inter-Departmental Working Group as a key action.
- Guidelines will be voluntary in the initial phase.
- Areas targeted for resiliency design and construction will be identified by Risk Assessment & Management Plan (RAMP) Study.
- Will address both residential and commercial design and construction measures, techniques, policies, and mechanisms.
- Project includes active engagement with the public and key stakeholders in real estate, architecture, construction, appraisals, and insurance.

Associated Plan(s):

Storm Water Master Plan

Neighborhood(s):

VARIOUS

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Stormwater Utility Fee Revenue	150										150
Previous Funding											
Total Funding	150	0	0	0	0	0	0	0	0	0	150
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Development of Guidelines FY 2025

Changes from Prior CIP:

Timing of expenditures has pushed out two years from the previous CIP.



6. FLOOD RISK REDUCTION PROGRAM

Project Highlights:

- This program implements the capacity and flood risk reduction project priorities identified in the 2014 Stormwater Master Plan for areas which have experienced repeated flooding.
- The projects in this program may not be watershed scale in scope.

Associated Plan(s):

Storm Water Master Plan

Neighborhood(s):

VARIOUS

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
New Bond Issue			1,995	2,205	1,070	1,100	1,130	1,190	1,220	1,250	11,160
Previous Funding											
Authorized but Unissued Bonds	1,500	1,590									3,090
Total Funding	1,500	1,590	1,995	2,205	1,070	1,100	1,130	1,190	1,220	1,250	14,250
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Changes from Prior CIP:

No change from the previous CIP.



7. LANGSTON BOULEVARD CULVERT AT NORTH SYCAMORE

Project Highlights:

- Watershed scale project to increase capacity of culverts crossing Langston Boulevard at North Sycamore Street. Project is additional phase of previous project.
- Project will coordinate with Transportation for improvements to the intersection.
- Project will improve hydraulic capacity of existing culverts and piped systems, including elements such as increased pipe diameters, detention, green overland flow, and pump systems.

Associated Plan(s):

Storm Water Master Plan

Neighborhood(s):

VARIOUS

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Stormwater Utility Fee Revenue	440										440
Previous Funding											
Total Funding	440	0	0	0	0	0	0	0	0	0	440
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Design Summer 2023
- Construction Spring 2025

Changes from Prior CIP:

Project scope and size has decreased from the previous CIP.

Project Links:

- Crossman Run Stormwater Improvements – Official Website of Arlington County Virginia Government (arlingtonva.us): <https://www.arlingtonva.us/Government/Programs/Office-of-Sustainability-and-Environment/Stormwater/Stormwater-Capacity-Improvements/Crossman-Run-Stormwater-Improvements>



8. LOWER LONG BRANCH FLOOD RISK REDUCTION PROJECT

Project Highlights:

- Project goal is to reduce the risk of flooding along Lower Long Branch from South Glebe Road to 26th Street South, including Troy Park.
- Project has potential to remove properties from FEMA floodplains.

Associated Plan(s):

Storm Water Master Plan
 Watershed Management Plan

Neighborhood(s):

Long Branch Creek

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
New Bond Issue						645	665	700	720	740	3,470
Previous Funding											
Total Funding	0	0	0	0	0	645	665	700	720	740	3,470
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Develop public outreach plan Summer 2029
- Develop and refine concept plans Summer 2030
- FEMA studies Summer 2031
- Rescope project and initiate final designs Summer 2032

Changes from Prior CIP:

Timing of expenditures has pushed out two years from the previous CIP.



9. LUBBER RUN WATERSHED CAPACITY IMPROVEMENTS

Project Highlights:

- Watershed scale improvements in multiple locations. Project areas experienced repeated and -in some cases- extreme flooding (identified for Critical Vulnerability).
- Acquisition of rights-of-ways, easements, and land are required.
- Solution may include a combination of pipe upgrades, new conveyance lines, and underground detention.

Associated Plan(s):

Storm Water Master Plan

Neighborhood(s):

Bluemont
Glebewood
John M. Langston
Tara-Leeway Heights
Waycroft-Woodlawn

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
New Bond Issue			3,075	1,260	6,455	6,560	6,240	14,870	13,385	10,005	61,850
Previous Funding											
Authorized but Unissued Bonds	1,500	3,610									5,110
Total Funding	1,500	3,610	3,075	1,260	6,455	6,560	6,240	14,870	13,385	10,005	66,960
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Design Summer 2024
- Construction Fall 2025

Project Links:

- Lubber Run Stormwater project page:
<https://environment.arlingtonva.us/stormwater-capacity-improvements/lubber-run-stormwater-improvements/>

Changes from Prior CIP:

Timing of expenditures has pushed out two years from the previous CIP.



10. MISCELLANEOUS EXPANSION/ CAPACITY PROJECTS

Project Highlights:

- This program is for the design and construction of pipe extensions needed to address localized drainage problems.
- The project goal is to increase capacity of the secondary and tertiary storm drainage system where data, surveys, and capacity studies identify insufficiency or under-development of the system.
- This program is not intended to provide watershed scale drainage improvements.
- This program is for the design and construction of new storm drainage system assets where none currently exist.

Associated Plan(s):

Storm Water Master Plan

Neighborhood(s):

VARIOUS

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
New Bond Issue				285		335		345		355	1,320
Stormwater Utility Fee Revenue				40							40
Previous Funding											
Authorized but Unissued Bonds		310									310
Total Funding	0	310	0	325	0	335	0	345	0	355	1,670
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Changes from Prior CIP:

Slight changes to the timing and cost from the previous CIP.



11. NORTH THOMAS STREET

Project Highlights:

- Project will increase capacity of the storm drain system along North Thomas Street to mitigate flooding during severe storms.
- Project includes installation of approximately 700 linear feet of 60-inch diameter storm sewer and upgrades to several inlets into the system.
- Existing stormwater infrastructure has needed several repairs due to deteriorating condition.

Associated Plan(s):

Storm Water Master Plan

Neighborhood(s):

Donaldson Run

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Previous Funding											
Authorized but Unissued Bonds	255	875	1,125								2,255
Total Funding	255	875	1,125	0	0	0	0	0	0	0	2,255
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Design Summer 2024
- Construction Summer 2025

Changes from Prior CIP:

Timing of expenditures has pushed out one year from previous CIP.



12. SPOUT RUN WATERSHED CAPACITY IMPROVEMENTS

Project Highlights:

- This is a watershed scale project to increase capacity of storm sewers and provide overland relief pathways to mitigate impacts of flooding (identified for Critical Vulnerability).
- Current focus is on providing an overland relief flow path for larger storm events.
- Land acquisition is required.

Associated Plan(s):

Storm Water Master Plan

Neighborhood(s):

Cherrydale
Waverly Hills

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
New Bond Issue			8,630	8,340	7,630	7,805	6,920	5,815	4,490	4,305	53,935
Previous Funding											
Authorized but Unissued Bonds	7,900	8,130									16,030
Total Funding	7,900	8,130	8,630	8,340	7,630	7,805	6,920	5,815	4,490	4,305	69,965
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Non-Personnel (\$)	75	100	125	150	175	200	225	250			1,300
Total Impact	75	100	125	150	175	200	225	250			1,300

Critical Milestones:

- Design Ongoing through Spring 2034
- Construction Ongoing through Spring 2034

Project Links:

- Spout Run Stormwater Project Page:
<https://environment.arlingtonva.us/stormwater-capacity-improvements/spout-run-stormwater-improvements/>

Changes from Prior CIP:

Slight changes in funding levels from the previous CIP.

13. STOHRMAN'S RUN WATERSHED CAPACITY IMPROVEMENTS

Project Highlights:

- This project will increase capacity of the storm drainage system in Stohman's Run watershed along 39th Street North where there is no overland relief.
- Project will reduce potential damage to public and private property due to repeated flooding.
- Easement acquisitions required.

Associated Plan(s):

Storm Water Master Plan

Neighborhood(s):

Stafford-Albermarle-Glebe

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
New Bond Issue			1,310								1,310
Previous Funding											
Authorized but Unissued Bonds	250	515									765
Total Funding	250	515	1,310	0	0	0	0	0	0	0	2,075
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Design Ongoing through Spring 2026
- Construction Spring 2027

Changes from Prior CIP:

Timing of expenditures has pushed out two years from previous CIP.



14. TORREYSON RUN WATERSHED CAPACITY IMPROVEMENTS

Project Highlights:

- This is a watershed scale project to increase capacity of storm sewers and provide overland relief pathways to mitigate impacts of flooding (identified for Critical Vulnerability).
- Initial project implementation focuses on reducing risk of flooding in Westover area, which experienced severe flooding in 2019.
- Future improvements include upstream detention facility and pipe upgrades to complete the watershed scale flooding solutions. Downstream improvements near I-66 are also in planning stages.

Associated Plan(s):

Storm Water Master Plan

Neighborhood(s):

Highland Park-Overlee Knoll
 Leeway Overlee
 Tara-Leeway Heights

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
New Bond Issue			4,860	5,340	1,635						11,835
Previous Funding											
Authorized but Unissued Bonds	1,725	4,140									5,865
Total Funding	1,725	4,140	4,860	5,340	1,635	0	0	0	0	0	17,700
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Design Ongoing through Spring 2028
- Construction Ongoing through Spring 2029

Changes from Prior CIP:

Timing of expenditures has pushed out two years from the previous CIP.

Project Links:

- Torreyson Run Stormwater Improvements – Official Website of Arlington County Virginia Government (arlingtonva.us): <https://www.arlingtonva.us/Government/Programs/Office-of-Sustainability-and-Environment/Stormwater/Stormwater-Capacity-Improvements/Torreyson-Run-Stormwater-Improvements>



15. WILLIAMSBURG AT NORTH UNDERWOOD CAPACITY

Project Highlights:

- This project will reduce the hydraulic grade line in Williamsburg Boulevard and increase capacity of the storm drain system to address area flooding
- Project entails approximately 500 linear feet of 60-inch diameter storm sewer.

Associated Plan(s):

Storm Water Master Plan

Neighborhood(s):

Arlington-East Falls Church

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
New Bond Issue				960	1,125						2,085
Previous Funding											
Authorized but Unissued Bonds		155	865								1,020
Total Funding	0	155	865	960	1,125	0	0	0	0	0	3,105
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Design Summer 2026
- Construction Summer 2027

Changes from Prior CIP:

Timing of expenditures has pushed out three years from the previous CIP.