

**STORMWATER MANAGEMENT: SM MAINTENANCE CAPITAL 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. Detention Vaults & Overland Relief Maintenance	100	105	105	110	110	110	110	115	115	120	1,100
2. Dumbarton Street Culvert-Downstream	3,000	1,545	0	0	0	0	0	0	0	0	4,545
3. Dumbarton Street Culvert-Upstream	3,000	1,545	0	0	0	0	0	0	0	0	4,545
4. Floodplain Channel & Split Stream Maintenance	100	105	105	110	110	110	110	115	115	120	1,100
5. Four Mile Run Flood Control Project Maintenance	500	50	55	55	55	55	55	60	60	60	1,005
6. Manhole & Catch Basin Rehabilitation	250	260	265	275	275	280	280	290	290	295	2,760
7. Military Road Culvert at Gulf Branch	2,090	1,030	0	0	0	0	0	0	0	0	3,120
8. Sidewalk Underdrains	50	50	55	55	55	55	55	60	60	60	555
9. Stormwater Frames and Covers	250	260	265	275	275	280	280	290	290	295	2,760
10. Stormwater Mains Rehabilitation & Replacement	1,000	1,545	2,120	2,455	2,725	3,080	3,250	3,450	3,565	3,775	26,965
11. Terra Cotta/ Corrugated Metal Pipe Upgrades	205	215	225	240	240	250	250	260	260	265	2,410
<b>Total Recommendation</b>	<b>10,545</b>	<b>6,710</b>	<b>3,195</b>	<b>3,575</b>	<b>3,845</b>	<b>4,220</b>	<b>4,390</b>	<b>4,640</b>	<b>4,755</b>	<b>4,990</b>	<b>50,865</b>

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
<b>New Funding</b>											
Federal Funding	3,000	0	0	0	0	0	0	0	0	0	3,000
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	0	0	5	0	95	0	140	0	240
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	2,455	2,590	3,195	3,575	3,840	4,220	4,295	4,640	4,615	4,990	38,415
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>5,455</b>	<b>2,590</b>	<b>3,195</b>	<b>3,575</b>	<b>3,845</b>	<b>4,220</b>	<b>4,390</b>	<b>4,640</b>	<b>4,755</b>	<b>4,990</b>	<b>41,655</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	5,090	4,120	0	0	0	0	0	0	0	0	9,210
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
<b>Subtotal Previously Approved Funding</b>	<b>5,090</b>	<b>4,120</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,210</b>
<b>Total Funding Sources</b>	<b>10,545</b>	<b>6,710</b>	<b>3,195</b>	<b>3,575</b>	<b>3,845</b>	<b>4,220</b>	<b>4,390</b>	<b>4,640</b>	<b>4,755</b>	<b>4,990</b>	<b>50,865</b>



**1. DETENTION VAULTS & OVERLAND RELIEF MAINTENANCE**

**Project Highlights:**

- Underground detention facilities and overland relief paths require continued capital maintenance efforts to ensure they remain effective.
- Funding is included for capital maintenance of the Cardinal School vault and overland relief areas.

**Associated Plan(s):**

Storm Water Master Plan

**Neighborhood(s):**

VARIOUS

<b>New Funding</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>FY 2030</b>	<b>FY 2031</b>	<b>FY 2032</b>	<b>FY 2033</b>	<b>FY 2034</b>	<b>Total</b>
<b>Stormwater Utility Fee Revenue</b>	100	105	105	110	110	110	110	115	115	120	1,100
<b>Previous Funding</b>											
<b>Total Funding</b>	<b>100</b>	<b>105</b>	<b>105</b>	<b>110</b>	<b>110</b>	<b>110</b>	<b>110</b>	<b>115</b>	<b>115</b>	<b>120</b>	<b>1,100</b>
<b>Operating Impact</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>FY 2030</b>	<b>FY 2031</b>	<b>FY 2032</b>	<b>FY 2033</b>	<b>FY 2034</b>	<b>Total</b>
<b>Total Impact</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Changes from Prior CIP:**

No change from the previous CIP.



## 2. DUMBARTON STREET CULVERT-DOWNSTREAM

**Project Highlights:**

- This project is a replacement of the existing Downstream Dumbarton Street Culvert which was damaged in the August 2017 storm.
- Replacement is needed to expand capacity and replace existing headwalls, end walls, and deteriorating culvert barrels. The existing culvert overtops the road during extreme storm events.
- Existing culvert is constructed of corrugated metal pipe, which is deteriorating and requires replacement.

**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
Previous Funding											
Authorized but Unissued Bonds	3,000	1,545									4,545
Total Funding	3,000	1,545	0	0	0	0	0	0	0	0	4,545
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 Spring 2023
- Construction Fall 2024

**Project Links:**

- Dumbarton St Culvert Replacement – Official Website of Arlington County Virginia Government (arlingtonva.us): <https://www.arlingtonva.us/Government/Projects/Project-Types/Environment-Projects/Dumbarton-St-Culvert-Replacement>

**Changes from Prior CIP:**

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



### 3. DUMBARTON STREET CULVERT-UPSTREAM

**Project Highlights:**

- This project is a replacement of the existing Upstream Dumbarton Street Culvert which was damaged in the August 2017 storm.
- Replacement is needed to expand capacity and replace existing headwalls, end walls, and deteriorating culvert barrels. The existing culvert overtops the road during major storm events.
- Existing culvert is constructed of corrugated metal pipe, which is deteriorating and requires replacement.

**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
Federal Funding	3,000										3,000
Previous Funding											
Authorized but Unissued Bonds		1,545									1,545
<b>Total Funding</b>	<b>3,000</b>	<b>1,545</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,545</b>
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
<b>Total Impact</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Critical Milestones:**

- Design Spring 2023
- Construction Fall 2024

**Project Links:**

- Dumbarton St Culvert Replacement – Official Website of Arlington County Virginia Government (arlingtonva.us): <https://www.arlingtonva.us/Government/Projects/Project-Types/Environment-Projects/Dumbarton-St-Culvert-Replacement>

**Changes from Prior CIP:**

Project cost has increased based on design and federal funding requirements. Timing of construction has pushed out two years from the previous CIP.



## 4. FLOODPLAIN CHANNEL & SPLIT STREAM MAINTENANCE

**Project Highlights:**

- Floodplain channels must be maintained to ensure efficiency of the existing conveyance system.
- Split streams are located at Gulf Branch, Little Pimmit Run, and Lucky Run, where the County undergrounded these streams into culverts and diverted a small man-made stream on top for aesthetic and environmental purposes. The diversion structures routinely clog and need maintenance.

**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	100	105	105	110	110	110	110	115	115	120	1,100
Previous Funding											
<b>Total Funding</b>	<b>100</b>	<b>105</b>	<b>105</b>	<b>110</b>	<b>110</b>	<b>110</b>	<b>110</b>	<b>115</b>	<b>115</b>	<b>120</b>	<b>1,100</b>
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
<b>Total Impact</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Changes from Prior CIP:**

No change from the previous CIP.



## 5. FOUR MILE RUN FLOOD CONTROL PROJECT MAINTENANCE

**Project Highlights:**

- Project is routine capital maintenance of the Four Mile Run Flood Control Project area.
- Project is required by U.S. Army Corps of Engineers.

**Associated Plan(s):**

Storm Water Master Plan

**Neighborhood(s):**

Arlington Ridge  
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
Stormwater Utility Fee Revenue	500	50	55	55	55	55	55	60	60	60	1,005
Previous Funding											
<b>Total Funding</b>	<b>500</b>	<b>50</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>1,005</b>
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
<b>Total Impact</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Critical Milestones:**

- Tree replacement planting Spring 2024
- Tree removal along Long Branch/Troy Park Fall 2024

**Changes from Prior CIP:**

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

**Project Links:**

- Four Mile Run Channel Maintenance and Dredging Project – Official Website of Arlington County Virginia Government (arlingtonva.us): <https://www.arlingtonva.us/Government/Projects/Project-Types/Environment-Projects/Four-Mile-Run-Channel-Maintenance-and-Dredging-Project>



## 6. MANHOLE & CATCH BASIN REHABILITATION

**Project Highlights:**

- Project is for rehabilitation and replacement of manholes and catch basins that have been damaged or need maintenance. This is completed through lining and/or structural rebuilds when necessary.
- The stormwater system inspection program identifies structures that need to be replaced or rehabilitated. Major storm events can damage structures which necessitate actions.
- This work is necessary for the proper functioning of the stormwater drainage system.

**Associated Plan(s):**

Storm Water Master Plan

**Neighborhood(s):**

VARIOUS

<b>New Funding</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>FY 2030</b>	<b>FY 2031</b>	<b>FY 2032</b>	<b>FY 2033</b>	<b>FY 2034</b>	<b>Total</b>
<b>Stormwater Utility Fee Revenue</b>	250	260	265	275	275	280	280	290	290	295	2,760
<b>Previous Funding</b>											
<b>Total Funding</b>	<b>250</b>	<b>260</b>	<b>265</b>	<b>275</b>	<b>275</b>	<b>280</b>	<b>280</b>	<b>290</b>	<b>290</b>	<b>295</b>	<b>2,760</b>
<b>Operating Impact</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>FY 2030</b>	<b>FY 2031</b>	<b>FY 2032</b>	<b>FY 2033</b>	<b>FY 2034</b>	<b>Total</b>
<b>Total Impact</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Changes from Prior CIP:**

No change from the previous CIP.





## 7. MILITARY ROAD CULVERT AT GULF BRANCH

**Project Highlights:**

- Project will replace Military Road Culvert at Gulf Branch to expand capacity and replace the deteriorating structure.
- The culvert frequently overtops during storms, flooding the area including the nearby Gulf Run pump station building.
- Project will be done in conjunction with the adjacent Gulf Branch Stream Resiliency project.

**Associated Plan(s):**

Storm Water Master Plan

**Neighborhood(s):**

Gulf Branch  
Old Glebe

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	2,090	1,030									3,120
<b>Total Funding</b>	<b>2,090</b>	<b>1,030</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,120</b>
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
<b>Total Impact</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Critical Milestones:**

- Design Spring 2023
- Construction Summer 2024

**Changes from Prior CIP:**

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



## 8. SIDEWALK UNDERDRAINS

**Project Highlights:**

- Project installs underdrains on sidewalks, which are necessary in some locations to prevent unsafe conditions on sidewalks and reduces hazards to pedestrians.
- Drainage from hillsides, sump pumps, and other poorly drained areas often seeps across sidewalks and can cause slippery conditions due to algae growth in warm months and icing conditions in cold months.

**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	50	50	55	55	55	55	55	60	60	60	555
Previous Funding											
<b>Total Funding</b>	<b>50</b>	<b>50</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>555</b>
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.



## 9. STORMWATER FRAMES AND COVERS

**Project Highlights:**

- This program funds the required adjustments to stormwater structure frames and covers in conjunction with annual paving operations.
- Adjustments involve raising or lowering a casting or precast top from its existing elevation to align with the adjacent grade, pavement, curb, etc.

**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	250	260	265	275	275	280	280	290	290	295	2,760
Previous Funding											
<b>Total Funding</b>	<b>250</b>	<b>260</b>	<b>265</b>	<b>275</b>	<b>275</b>	<b>280</b>	<b>280</b>	<b>290</b>	<b>290</b>	<b>295</b>	<b>2,760</b>
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 significant change from the previous CIP.



## 10. STORMWATER MAINS REHABILITATION & REPLACEMENT

**Project Highlights:**

- This program funds the rehabilitation and replacement of existing storm drainage pipes within the system.
- Systematic rehabilitation and replacement of system assets will strengthen system integrity and reliability, protects public health and safety, reduces impacts on interconnected infrastructure, and increases long-term cost-effectiveness.

**Associated Plan(s):**

Storm Water Master Plan

**Neighborhood(s):**

VARIOUS

**Funding Notes:** Funding is available for a nominal number of projects, depending on scale.

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					5		95		140		240
Stormwater Utility Fee Revenue	1,000	1,545	2,120	2,455	2,720	3,080	3,155	3,450	3,425	3,775	26,725
Previous Funding											
<b>Total Funding</b>	<b>1,000</b>	<b>1,545</b>	<b>2,120</b>	<b>2,455</b>	<b>2,725</b>	<b>3,080</b>	<b>3,250</b>	<b>3,450</b>	<b>3,565</b>	<b>3,775</b>	<b>26,965</b>
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
<b>Total Impact</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Changes from Prior CIP:**

Funding in the first half of the CIP is less than the previous CIP based on updated program priorities and other planned/ funded projects.



## 11. TERRA COTTA/ CORRUGATED METAL PIPE UPGRADES

**Project Highlights:**

- This program funds replacement of existing, poor condition terra cotta (TC) and corrugated metal pipe (CMP) with reinforced concrete pipe or other modern pipe materials, which have longer life spans. Failure of existing, aged TC and CMP is a leading cause of various maintenance activities.
- Replacement of TC and CMP within the stormwater conveyance system is a program goal. TC & CMP pipe are often in poor condition due to age, limitations of the pipe material, and shorter lifespan than reinforced concrete pipe.

**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	205	215	225	240	240	250	250	260	260	265	2,410
Previous Funding											
<b>Total Funding</b>	<b>205</b>	<b>215</b>	<b>225</b>	<b>240</b>	<b>240</b>	<b>250</b>	<b>250</b>	<b>260</b>	<b>260</b>	<b>265</b>	<b>2,410</b>
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.