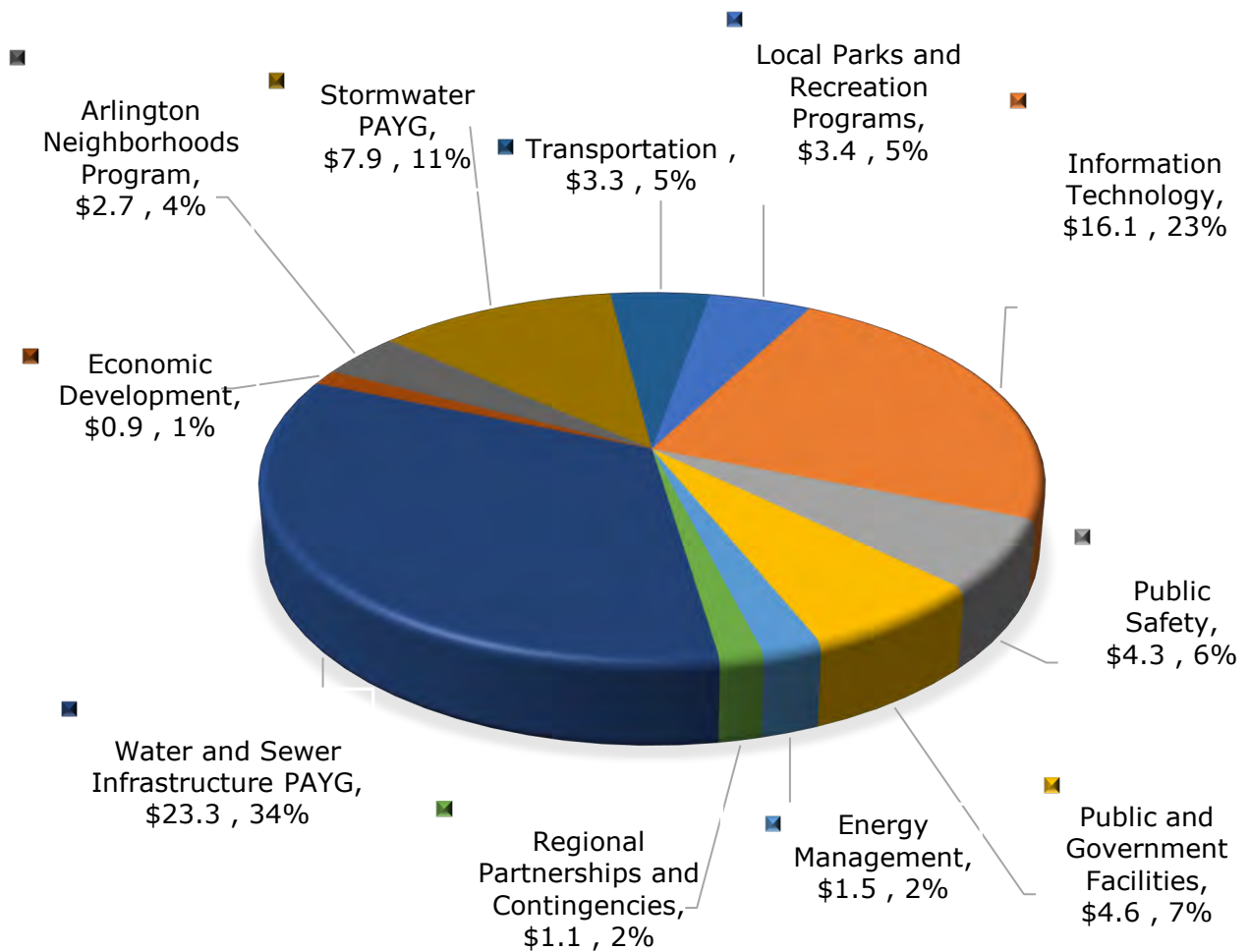


The FY 2025 Proposed Capital Program budget is \$69.2 million. The program areas shown below include all capital fund sources. The chart below details the dollar amount allocated by program.

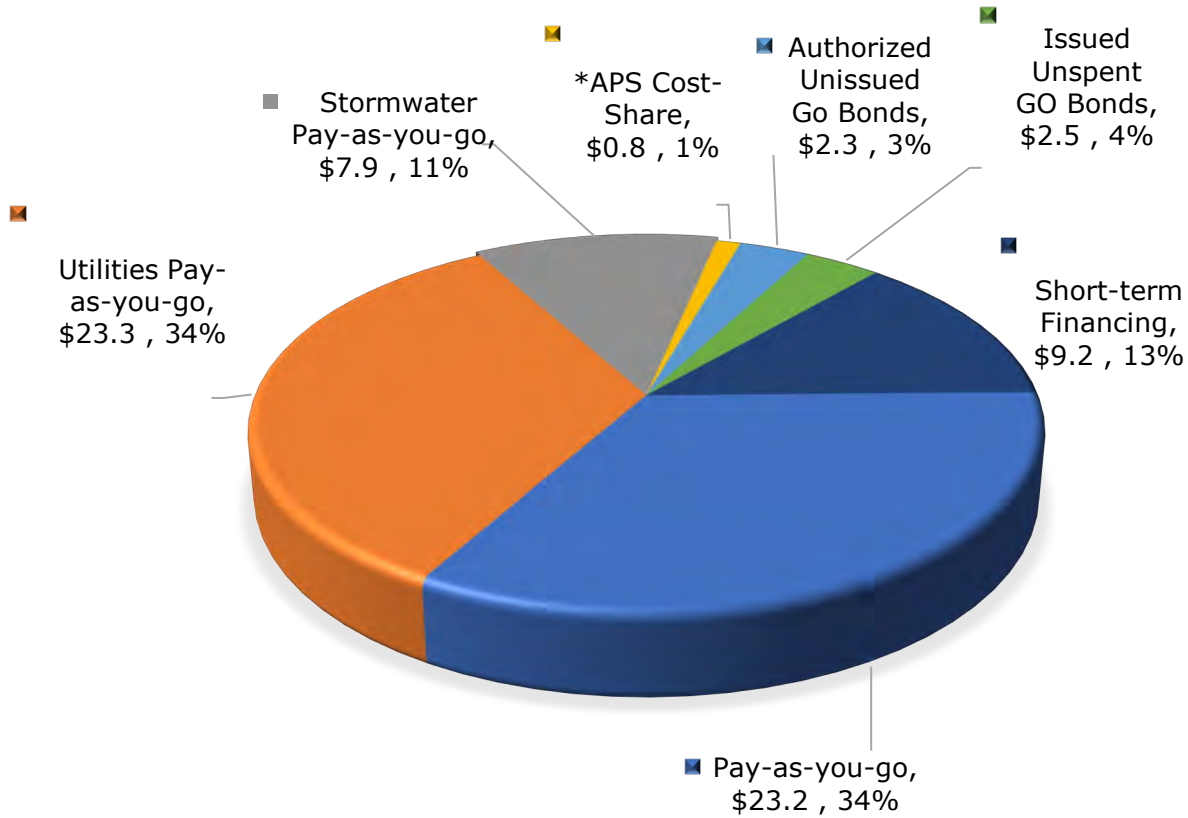
FY 2025 CAPITAL BUDGET ALLOCATION BY PROGRAM

(\$'S IN MILLIONS)



The Proposed FY 2025 capital program budget is broken out by funding source below. The capital program is funded by Pay-As-You-Go (PAYG), General Obligation (GO) Bonds, Short-term Financing, bond premium funds, grants, and other outside funding. Detail about the fund sources and associated projects can be found in the following pages.

FY 2025 CAPITAL BUDGET FUNDING SOURCE
 (\$'S IN MILLIONS)



**GENERAL CAPITAL PROJECTS FUND
FUND STATEMENT**

	FY 2023 ACTUAL	FY 2024 ADOPTED	FY 2024 RE-ESTIMATE	FY 2025 PROPOSED
Adjusted Balance, July 1	\$105,282,402	\$90,087,215	\$102,059,079	\$87,114,999
REVENUES:				
Commonwealth of Virginia	2,740,840	-	-	-
Federal Government	637,476	-	-	-
Charges for Services	1,737,822	-	-	-
Miscellaneous Revenue	11,988,541	-	-	-
Line of credit proceeds	11,124,718	12,209,000	12,209,000	9,200,000
Proceeds for bond premium	9,891,865	-	-	-
Total Revenues	38,121,262	12,209,000	12,209,000	9,200,000
Transfer in	14,503,093	11,025,000	11,025,000	15,800,000
Transfer out	-	-	-	-
Use of prior year revenue*	3,223,323	14,653,187	14,653,187	6,200,466
Total Revenues and Transfers	52,624,355	23,234,000	23,234,000	25,000,000
Expenditures:				
Capital projects current year	55,847,678	23,234,000	23,234,000	25,000,000
Capital projects carry over	-	14,944,080	14,944,080	13,178,080
Total Expenditures	55,847,678	38,178,080	38,178,080	38,178,080
Balance, June 30	\$102,059,079	\$75,143,135	\$87,114,999	\$73,936,919

* The amount under Use of Prior year revenue is already in the beginning fund balance.

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WHAT IS A CAPITAL PROJECT?

Capital projects include the design, construction, renovation, or maintenance of capital assets. Capital assets are County-owned infrastructure that are of significant value, such as bridges, community centers, technology systems, water, sewer and stormwater infrastructure or parks, to name a few. County projects are funded from a variety of sources, including tax-supported Pay-As-You-Go (PAYG) funds, financed dollars such as general obligation (GO) bonds and short-term financed funds and, various other grants, fees, and dedicated funding sources.

TYPES OF CAPITAL PROJECTS

Capital projects fall into one of two major categories: maintenance capital (MC) projects and general capital projects. The maintenance capital program serves to prolong the useful life of major investments, while minimizing the need for repeated asset repair emergencies. Although MC funds are not contingency funds, they provide versatility in allowing the County to respond to unforeseen emergencies. The County regularly conducts condition assessments of capital assets to establish an inventory of capital needs and associated prioritization plans. Maintenance capital activities differ from operating maintenance activities described elsewhere in this document in that maintenance capital activities are normally larger scale in terms of cost, size, nature, and frequency of maintenance activity.

General capital projects, on the other hand, are all other capital projects and includes new projects or renovations and expansions of projects, such as when the County constructs a new community center or rebuilds and reconfigures a street intersection. This distinction between maintenance and general capital projects is helpful because the two types have different goals. Maintenance capital projects protect the County's past investments in capital assets and ensure that Arlington residents get the maximum use out of those assets. General capital projects aim to meet emerging community needs by creating new capital assets or modifying existing assets to such a degree that the work cannot be considered maintenance capital.

Beyond this distinction between maintenance and general, the County further categorizes capital projects into Program Areas which correspond to the teams of County staff that execute the projects. The capital projects discussed in the following pages are organized into the following Program Areas:

- Regional Partnerships
- Transportation
- Facilities
- Parks and Recreation
- Technology
- Public Safety
- Arlington Neighborhoods Program
- Arlington Economic Development/ Public Art
- Capital Administration/Contingent

HOW THE COUNTY PAYS FOR CAPITAL PROJECTS

Capital budget development is included in both the annual operating budget process and the biennial capital improvement plan (CIP). The annual budget process approves and allocates funding for capital projects using current year ongoing revenue, one-time funding, state and federal grant funds, cost-share, short-term finance dollars, previously approved bond funding and various dedicated funds. The CIP includes a projected ten year spend plan of all of the aforementioned sources, various fees, and the approval of new GO bonds. Due to these multiple funding sources and the multi-year nature of project execution, not all of the County's planned spending on capital projects appears in any one year of the operating budget. The CIP document shows the multiple year execution of projects.

The County typically uses PAYG and short-term financing to fund assets with useful lives of 10 years or less. Financed dollars, whether short- or long-term, are set on repayment schedules (debt service) concurrent with the expected useful lives of the financed assets. For example, short-term financing is often used for replacement of technology and equipment assets with expected useful lives from three to seven years. Long-term financing (e.g., GO bonds) is used primarily for the County's large capital infrastructure investments, such as buildings or roads, with expected useful lives of 10 or more years. Refer to the Debt Service section of this document and the Adopted Capital Improvement Plan for more detailed information on the County's long-term capital financing strategy.

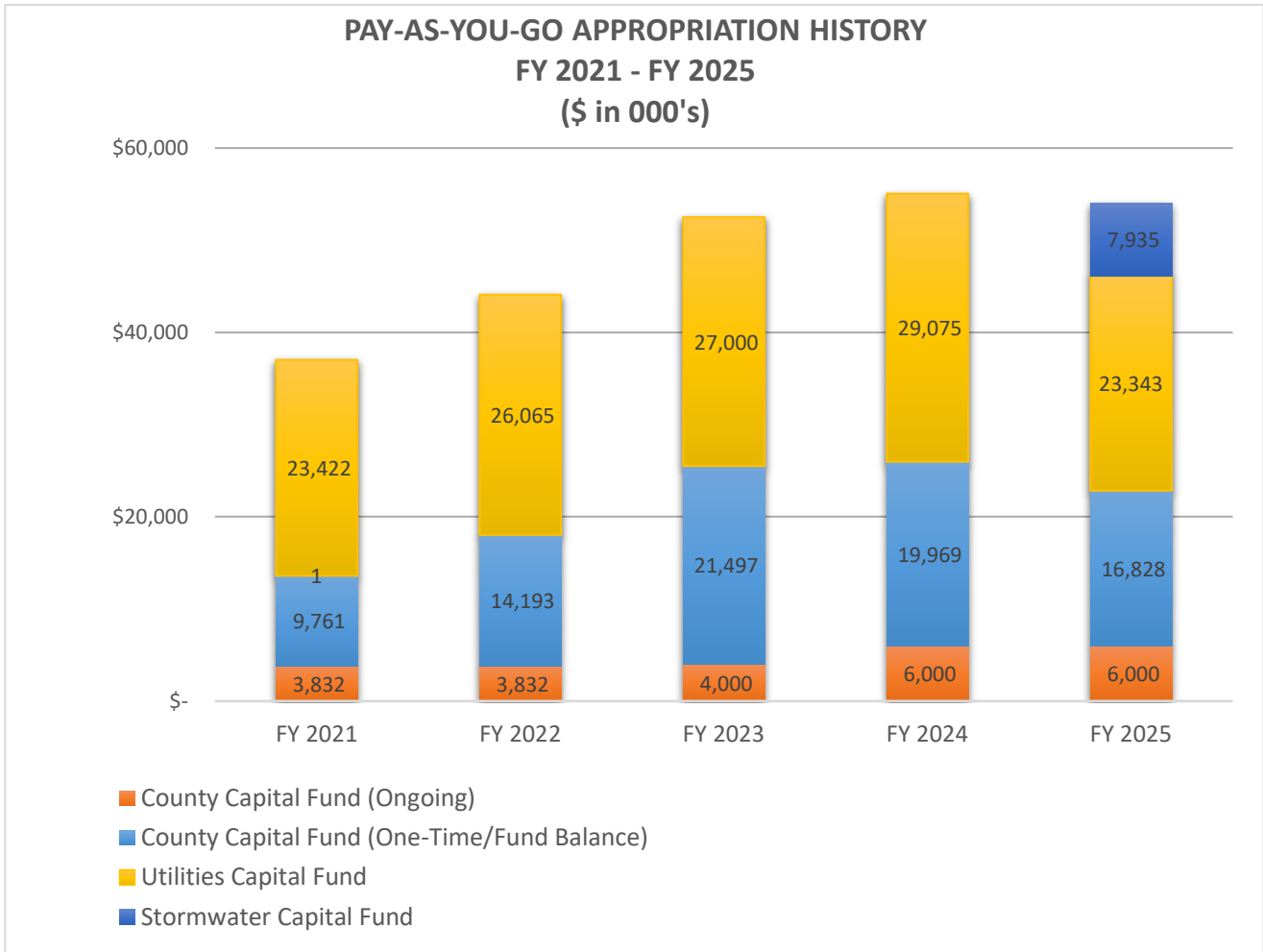
OVERVIEW OF FY 2025 CAPITAL PROGRAM

The proposed General Capital Projects Fund budget or Pay-As-You-Go (PAYG) for FY 2025 is \$23.2 million. Funding for this program comes from a variety of sources including a transfer in of ongoing funds from the General Fund (\$6.0 million), bond premium balances (\$3.2 million), and other carryover and/or reallocated balances (\$14.0 million).

The maintenance capital program serves to prolong the useful life of investments, while minimizing the need for repeated asset repair emergencies in the operating budget. This proposed budget focuses on replacing assets at the end of their useful lives, assets that are obsolete and assets presenting a potential safety concern. Because projects are often multi-year in nature, appropriations rather than actual expenditures are presented.

In addition to the PAYG dollars in the General Capital Projects budget, there are PAYG investments in other funds and operations including:

- The Utilities Fund FY 2025 Proposed PAYG budget of \$23.3 million includes funding for Wastewater Treatment Plant capital maintenance and improvements to the Washington Aqueduct, which supplies the County with 100 percent of its drinking water.
- The Stormwater Utilities Fund FY 2025 Proposed PAYG budget of \$7.94 million includes funding for improvements to infrastructure and regulatory requirements in the stormwater system.



FY 2025 PAYG CAPITAL EXPENDITURES BY PROGRAM AREA

PAYG and BOND PREMIUM FUNDED PROJECTS

PROGRAM CATEGORY	Ongoing Funds	One-Time/ Reallocated Balances	Bond Premium Funds	APS Cost-Share	FY 2025 Proposed Total
Regional Partnerships	\$857,762	-	-	-	\$857,762
Transportation Maintenance Capital	1,830,000	\$1,000,000	-	-	2,830,000
Transportation Complete Streets	73,000	365,000	-	-	438,000
Facilities Maintenance Capital	350,000	1,500,000	\$1,150,000	-	3,000,000
Facilities Design and Construction	-	-	1,355,000	-	1,355,000
Energy Management	1,050,000	475,000	-	-	1,525,000
Parks Maintenance Capital	175,000	590,000	-	-	765,000
Synthetic Turf	-	1,155,000	-	828,000	1,983,000
Information Technology	1,141,000	6,790,000	-	-	7,931,000
Public Safety	-	1,242,000	220,000	-	1,462,000
Arlington Neighborhoods Program	200,000	-	500,000	-	700,000
Public Art	48,500	42,000	-	-	90,500
Capital Contingency/Admin	274,738	-	-	-	274,738
Total Projects	\$6,000,000	\$13,159,000	\$3,225,000	\$828,000	\$23,212,000

1) Numbers may not add due to rounding.

2) Total funding is a combination of one-time dollars from reallocated project balances as well as bond premium from the County bond sale that is restricted in use to capital projects.

3) Total does not include projects that are self-funded in the amount of \$390,000. The revenue will be received in FY 2024 for FY 2025 project execution.

Regional Partnerships \$857,762

Arlington County is a member of several regional organizations which provide services to Arlington residents and visitors. The Regional Partnerships program funds the County’s annual contributions to support these organizations’ capital needs. This funding is separate from the County’s annual operating contribution to these organizations, which is discussed in the Regionals narrative in this document. The amount the County contributes every year for capital needs is determined by each organization’s allocation formula.

▪ **Northern Virginia Criminal Justice Academy \$126,675**

The Northern Virginia Criminal Justice Academy (NVCJA) provides law enforcement training and is comprised of seventeen participate police and sheriff agencies from Northern Virginia and the District of Columbia. In 2006, the principal members agreed to fund the construction of the Emergency Vehicle Operations Center (EVOC). The initial payments began in FY 2007 and will continue through FY 2026. The FY 2025 budget reflects Arlington’s estimate of the contribution required towards the annual debt payments of the EVOC.

▪ **Northern Virginia Regional Park Authority \$731,087**

The Northern Virginia Regional Park Authority (NVRPA) is a multi-jurisdictional agency comprised of Arlington County, Fairfax County, Loudoun County, and the Cities of Alexandria, Falls Church, and Fairfax which owns and operates over 10,000 acres of parklands with 21 major parks,

including Potomac Overlook, Upton Hill, and the W&OD Regional Parks in Arlington.

Transportation Program **\$3,268,000**

Transportation – Maintenance Capital **\$2,830,000**

The Transportation Maintenance Capital program in the Department of Environmental Services (DES) maintains transportation infrastructure by repaving streets and bike lanes, maintaining pedestrian and vehicular bridges, maintaining sidewalks, signals, signal infrastructure, and Intelligent Transportation Systems (ITS), maintaining and replacing street and trail lights, maintaining and replacing parking meters, and maintaining and replacing bus shelters.

▪ **Bridge Maintenance** **\$221,000**

This is an ongoing program that provides funds to continue inspection, maintenance, and rehabilitation of 36 vehicular and pedestrian bridges in Arlington County to assure an adequate level of safety. Twenty-five of the bridges are included in the Federal Highway Administration (FHWA) National Bridge Inventory (NBI), which establishes standards for inspection and maintenance of public highway bridges. All NBI bridges are required to be inspected and reported on at least biennially and the County has adopted this standard for all 36 bridges. The program goal is to maintain the Bridge Condition Rating (BCR), a nationally used rating, in a range between 6 and 7, defined as satisfactory to good. During FY 2025, the program is anticipating undertaking repairs and maintenance of the following bridges: culvert under South Glebe Road at Water Pollution Control Plant and Barcroft Neighborhood/Glencarlyn Park Pedestrian Bridge. Additionally, we will perform spring power washing and cleaning of the eleven largest vehicular bridges and allocating some funds for emergency repairs after large storm events and traffic accidents.

In addition to PAYG funding, this program typically receives bond funding during the CIP.

▪ **Parking Meters** **\$-**

The goal of this program is to modernize and maintain the County's parking-meter equipment, including research into and deployment of new equipment types and technologies that will allow for efficient management of public curb space. The County currently has about 1,407 parking meters that require replacement, or component replacement, after ten years of useful life. As part of the program, data is collected and analyzed from parking-meter equipment and from non-metered curb space. This analysis supports decision making about curbside management, such as the allocation of curb space for various uses, and other regulations, such as time limits for parking.

Other funding is available to continue executing the program from existing fund balances.

▪ **Paving Program** **\$1,300,000**

The County currently maintains 1,058 lane miles of roadway by a combination of mill and overlay, full depth rebuilding, micro-surfacing, and slurry sealing. The County utilizes a Pavement Condition Index (PCI) to assess the road conditions. The County has established a desired average PCI range of 75-80 (with 100 representing the best possible) and has raised overall PCI to 83 in 2023 from an average PCI of 67 in 2014. The PAYG funds along with anticipated GO bond funds will maintain the PCI level as long as changes in winter weather, contracting costs, and oil prices do not negatively impact the anticipated paving program. The program operates on a 15-year paving cycle, on average, with about 60 lane miles mill & overlay per year to maintain the desired average PCI. Arterials are repaved more often due to the traffic volumes and type of

vehicles using them, while neighborhood streets get slurry seal treatment every seven to ten years to extend their life rather than re-paving them as often. With the improvement in average PCI to 83, the County will be placing more emphasis on re-builds for streets with low PCI.

In addition to PAYG funding, this program typically receives bond funding during the CIP.

▪ **Sidewalk, Curb, Gutter Proactive Zone Maintenance** **\$309,000**

The program, newly created in the Adopted CIP FY 2023-FY 2032, funds proactive and comprehensive inspection and maintenance of County-maintained, curb, gutter and sidewalks. The County is divided into 20 concrete zones, and the program's goal is to address two zones a year, for a 10-year maintenance interval. Zone maintenance is informed by a sidewalk survey completed in 2021 along with project manager observations.

In addition to PAYG funding, this program typically receives bond funding during the CIP.

▪ **Signals and ITS Maintenance** **\$1,000,000**

This combined program covers three main areas of asset management associated with traffic signals and intelligent transportation systems (ITS): 1) structural integrity, 2) preventative signal repairs, and 3) device replacements. The program's goal is to improve the infrastructure, safety, and operations of the various traffic control devices throughout the County, including meeting current Federal and County requirements for structural design and for accessibility.

PAYG funds will be used to support ongoing structural inspections of poles and inspections of overhead infrastructure. This initiative will allow for more accurate lifecycle planning and provide information on the structural integrity of the poles. Furthermore, these aerial inspections will identify potential safety risks that can be remedied to ensure a state of good repair and extend life. For example, signals may need to be re-wired with new cable installed and controller cabinets may need to be replaced. PAYG also pays for safety and accessibility improvements at signalized intersections such as ADA ramp construction and accessible push button installation; and upgrades to system components such as controllers, detection, backup power, LED signal replacement, and emergency vehicle pre-emption.

Finally, many ITS devices were installed in the last 10 years and will become obsolete and require replacement for improved functionality or upgraded communication capabilities. The items are generally components used at an intersection or standalone roadside assemblies. Examples include detection systems, battery backup, accessible pushbutton stations, CCTV upgrades from analog to digital, rectangular rapid flashing beacons (RRFBs), and speed indicators. These are specialized devices that are typically expensive to procure and require specialty contractors to install.

In addition to PAYG funding, this program typically receives bond funding during the CIP.

▪ **Street Lighting Management** **\$-**

This program will rebuild and upgrade aging streetlights and resolve ownership issues between the County and Dominion Energy that adversely affect performance and maintenance. County streets are lit with about 18,900 streetlights, of which about 7,700 are owned by the County and 11,200 are owned by Dominion Energy (DE, formerly Dominion Virginia Power). PAYG is used to proactively replace conduits and conductors on aging lighting systems as outlined by the Streetlight Management Plan (SMP). This effort updates the aging underground infrastructure and improves service reliability as underground repair work typically creates the longest outages of streetlights. PAYG is also used to upgrade some existing LED fixtures to newer models with improved functionality as they fail and require replacement. An example of this is the change

from a radio-based communication node to a cellular based control node. The control systems are used to allow for remote monitoring of errors and for dimming.

Other funding is available to continue executing the program, including \$640,000 from the Transportation Capital Fund (TCF) and Crystal City, Potomac Yard and Pentagon City Tax Increment (CCTIF). In addition, this program typically receives bond funding during the CIP.

▪ **Trail Light Maintenance** **\$-**

The program includes minor repair and maintenance of approximately 350 trail lights across approximately ten miles of trails. The repair and maintenance include bulb change, splicing of wires, fuse replacement, repairing and cleaning of globes, and repairing poles that may be damaged. Any major repairs on off-road trails are carried out by Parks and Recreation under the Trail Modernization Program.

Other funding is available to continue executing the program from existing fund balances.

Complete Streets Programs **\$438,000**

The Complete Streets Program provides mobility and accessibility improvements throughout the County and connections to the rest of the region. This is achieved by providing a high-quality transit system, a robust bicycle and pedestrian network, provisions for Shared Mobility Devices (SMDs), and additional transportation demand management approaches. The program also maintains and develops systems to manage and analyze transportation assets, including physical assets (e.g., signs) and transportation data assets (for example, collected observed traffic data and crash data).

▪ **Bike Arlington** **\$50,000**

The BIKE Arlington program makes physical enhancements to Arlington's transportation infrastructure, including trails and streets, to improve conditions for bicycling. The program's goal is to increase the number of riders and bicycle trips by making bicycling a more attractive travel choice through completing the bicycle network, tracking usage of bicycle facilities through the counter program, and installing wayfinding. PAYG funds cellular data for the bike counter program, as well as repairs to signage or other bicycle infrastructure.

Other funding is available to continue executing the program, including \$860,000 from TCF.

▪ **Neighborhood Complete Streets** **\$-**

The Neighborhood Complete Streets (NCS) program implements projects on non-arterial streets with a focus on safety and accessibility. The goal of the NCS program is to develop streets that are safe and accessible for all modes through projects that improve walking/bicycling connectivity. PAYG funds are used for pilot projects or other tactical improvements that are not eligible for other sources.

Other funding is available to continue executing the program, including \$2,680,000 from TCF. In addition, this program typically receives bond funding during the CIP.

▪ **Street Safety Improvements** **\$365,000**

The Street Safety Improvement (SSI) program supports the Vision Zero goal the Arlington County Board adopted in July 2019 (and the Vision Zero Action Plan adopted in May 2021) to eliminate all transportation fatalities and severe injuries. It implements safety improvements at intersections and streets for pedestrians, shared mobility device (SMD) users, bicyclists, transit riders, or motorists as determined through a comprehensive investigation, including crash analysis. Improvements include signage, pavement markings, and other types of delineation to

achieve greater separation and awareness of pedestrians and bicyclists. Minor changes to the curb may also be included. Locations demonstrating high crash rates are prioritized. Initiatives being advanced with PAYG funding include but are not limited to 1) slow school zones, which include measures to support slower speeds, 2) increased in-house survey, design, and construction management support for quick build projects, 3) pedestrian crossing enhancements, including the implementation of Rectangular Rapid Flashing Beacons (RRFBs), and 4) speed reductions strategies to decrease the risk of a critical crash.

Other funding is available to continue executing the program, including \$916,000 from TCF. In addition, this program typically receives bond funding during the CIP.

▪ **Transportation Asset Management** **\$23,000**

Transportation assets include deployed assets such as signals and signs installed in the right-of-way, inventory assets housed in warehouses, and traffic data assets. This program developed and maintains a management system that not only keeps records but also makes data more accessible and analytical. This includes the development and continuous update of a central traffic database that houses both historic and recent transportation data, including but not limited to characteristics of streets, traffic volume counts, speeds, crashes, and street classification. The database is updated as new information becomes available and currently has the following capabilities: open data accessibility to staff and public; integration with the County work order and asset management system (Cartegraph); integration with County's Geographic Information System (GIS); trend analysis; safety analysis; report and map generation; and system performance monitoring. This program also helps track and manage assets by integrating with the current inventory system associated with the County's warehouse storage facility. With the implementation of Vision Zero, more functionality is being explored and added to the system.

Other funding is available to continue executing the program, including \$50,000 from TCF.

▪ **WALKArlington** **\$-**

The WalkArlington program makes physical enhancements to Arlington's sidewalk and street infrastructure. The objectives of the program include: improving pedestrian safety, completing the planned pedestrian network, and making the pedestrian network fully accessible for all users. PAYG funds are used to implement tactical measures that aren't eligible for other sources.

Other funding is available to continue executing the program, including \$2,727,000 from TCF. In addition, this program typically receives bond funding during the CIP.

Facilities Maintenance Capital Program **\$3,000,000**

The Facilities maintenance program operates approximately 90 County-owned public facilities, including office buildings, fire stations, support, maintenance and logistic facilities, recreation centers, courts, and more. The Facilities Maintenance Capital program is a collection of major facility maintenance projects designed to keep County facilities operating in a safe, efficient, and reliable manner. This program and the Facilities Design and Construction program are integrated to maintain and improve the portfolio of County facilities based on the life cycle of assets.

▪ **Argus House Window Replacement** **\$600,000**

The Argus House is a community-based group home for at-risk boys ages 13-17 and is operated 24/7. The existing windows are single pane and original to the building. Replacement parts are no longer available to repair the operating mechanisms. The window replacement will increase energy efficiency, extend the life of the HVAC system, quiet outside noise and help enhance the customer experience within the facility.

- **Court Square West (CSW) Electrical Switchgear Replacement** **\$1,500,000**
The switchgear at Court Square West (CSW) has exceeded its useful life. The switchgear is the initial component that receives power from the utility, provides a safeguard to isolate power within the facility, and is a centralized collection of breakers and fuses.
- **Detention Center Air Compressor** **\$250,000**
The existing air compressors servicing the Detention Facility are original and have exceeded their useful life. These units provide compressed air for multiple critical mechanical systems within the facility. Corrective repairs have been performed but the system continues to fail and malfunction.
- **Emergency Communications Center UPS Upgrades** **\$350,000**
This project will replace and reconfigure the existing uninterruptible power supply (UPS) system and controls to provide redundant back-up power to the Emergency Communications Center (ECC) alternative site. The existing UPS unit does not provide redundant support to the ECC and is the single point supplying power to the system, making it susceptible to disruption. The updated system will share the electrical loads across multiple UPS units.
- **Fire Station 9 (Walter Reed)-Apparatus Bay Circulation System** **\$300,000**
This project will install an air circulation system in the fire station apparatus bay. Currently, the apparatus bay does not have a system to circulate and promote air movement within the space. The system is essential for reducing temperatures in the apparatus bay, which will prevent overheating of critical materials and medicines stored in the Fire Department's Response Units and increase staff comfort and health.

Energy Management **\$1,525,000**

The Energy Management Program invests funds in various energy efficient capital improvements that advance the goals of the Community Energy Plan (CEP).

- **County Facility Renewable Energy Installation** **\$300,000**
Arlington's Community Energy Plan (CEP) is a long-term vision for transforming how the County generates, uses and distributes energy. Funding will support potential upfront capital expenses for structural analysis and electrical panel upgrades. The three county facilities selected are the Central Library, the Equipment Bureau and the Quincy site.
- **Electric Vehicle (EV) Chargers - Internal Accessibility** **\$250,000**
This project will install additional EV charging stations throughout County facilities to support the conversion of the County fleet to electric vehicles (CEP 2019 Government Activities and Clean Transportation). This effort closely tracks the Equipment Bureau's EV purchasing/replacement plan. The locations identified are Barcroft Community Center, Barcroft Garage, Lubber Run Community Center and the Walter Reed Community Center.
- **Electric Vehicle Chargers - Public Accessibility** **\$500,000**
This project will fund electric vehicle charging infrastructure for high-visibility and high-circulation public-use County government sites. This project supports key objectives of the County Board adopted Community Energy Plan, including, among others, policy 4.4 to - promote and encourage electric vehicles in the private and commercial sectors including supporting convenient charging stations throughout Arlington. The locations identified are Barcroft Community Center, Barcroft Garage, Lubber Run Community Center and the Walter Reed Community Center.

- **Energy Performance Upgrades – County Buildings** **\$475,000**
This program, in partnership with the Facilities Management Bureau and Arlington Initiative to Rethink Energy (AIRE), is to implement energy efficiency and decarbonization measures at County facilities with a focus on energy and climate performance. In FY 2025 the funding will be used to implement lighting retrofits at the Courts Police Building. The project will convert fluorescent lighting to LED in approximately 75 percent of the building with the remaining completed in future years. Since this is a 24/7 operational facility, it will have the greatest impact on energy efficiency.

Facilities Design and Construction Program **\$1,355,000**
The Facilities Design and Construction Program maintains and modernizes current County facilities and plans for the County’s future facility needs. The program is integrated with the Facilities Maintenance Capital program in planning for periodic renovations and eventual replacement of obsolete facilities at the appropriate points in the life cycle.

- **Oakland Street Police Warehouse Renovation** **\$1,335,000**
The Oakland Street Police Warehouse requires a complete upgrade to improve operational efficiency. The Project will be completed in two phases. The scope of phase I will be the demolition of the loading dock, ramp, and interior walls, followed by the installation of a new ramp/driveway and two overhead doors. Phase II will focus on the repair of the building envelope (selected structural wall repair, new doors, HVAC, roof, insulation and windows). The plumbing system will be brought to code compliance and a new restroom will be installed.

Parks Maintenance Capital and Synthetic Turf Programs TOTAL PAYG: **\$2,748,000**
County Funds: \$1,920,000
APS Cost Share Funds: \$828,000

The Parks Maintenance Capital Program provides for recurring, systematic reinvestment in existing facilities by replacing inefficient and outdated infrastructure and preventing premature failure. The program funds the replacement or major renovation of park and recreation facility assets, including athletic fields and courts, field and court lighting, playgrounds, picnic shelters, restrooms, parking, and other miscellaneous park and recreation facilities. The program also addresses accessibility, safety, and storm water improvements that are complementary to renovating the facilities.

To meet the growing demand for athletic fields to serve a wide variety of athletic programs and drop-in use, the County has invested significantly in the development of synthetic turf fields. The Synthetic Turf Program is largely focused on replacing existing synthetic turf fields that are approaching the end of their useful life. The other component of the Synthetic Turf Program is the conversion of athletic fields with existing grass turf to synthetic turf.

- **Capital Asset Manager** **\$175,000**
This funding is for the staff position that manages the Parks Capital Asset Program.
- **Field Fund** **\$290,000**
The Parks Field Fund is supported by an annual fee assessed on official affiliated youth and adult sports teams playing on Arlington County rectangular and diamond fields. In FY 2023, the field fund fee was increased, and the fees restructured. Work to be identified may include supporting the replacement and construction of synthetic turf fields and enhancements to existing fields such as improved irrigation, site amenities or accelerated sod replacement. The FY 2025 PAYG budget reflects the projected annual revenue from FY 2024 generated fees.

- Greenbrier Park/Yorktown High School Stadium Field Replacement** **\$1,164,000**
 This project is for the design and construction for the replacement of the synthetic turf surfacing on the stadium athletic field. Costs include design development, replacement of the synthetic turf and infill, repairs to the base layer and under-drain system, replacement of field amenities, and construction administration. The project cost-share between the County and Arlington Public Schools (APS) is 50/50 (\$582,000 Arlington County/\$582,000 APS for total project cost of \$1,164,000).
- Public Spaces Master Plan (PSMP) Update** **\$300,000**
 The PSMP is recommended to be updated every five years (see Action Step 1.2.4). This funding is for consultant support for the needs assessment, including a statistically valid survey as well as an update of the Level of Services (including benchmarking, trends analysis, standard review, mapping).
- Thomas Jefferson Middle School Synthetic Field Replacement** **\$819,000**
 This project is for the design and construction for the replacement of the synthetic turf surfacing on the lower athletic field. Costs include design development, replacement of the synthetic turf and infill, repairs to the base layer and under-drain system, replacement of field amenities, and construction administration. The project cost-share between the County and APS for this project is 70/30 (\$573,000 Arlington County/\$246,000 APS for total project cost of \$819,000).

Technology **\$7,931,000**

The technology section includes both enterprise-wide and program specific projects. The projects are funded mostly between PAYG and short-term financed dollars. The total technology program is \$16.1 million with \$8.16 million being funded through other sources. See the project list for additional funded projects.

- Bozman Data Center Migration** **\$1,100,000**
 This is the first phase of a multi-phase project to update and consolidate the County's data centers utilization and continue to migrate, as appropriate, the County's on-premise data to a cloud-based environment. Phase I, includes the reduction and relocation of the Bozman Data Center. The total project cost is \$1,850,000 With \$750,000 funded from GO bond funds.
- County Audio Visual Equipment Replacement** **\$300,000**
 This program covers the replacement and improvement of damaged or broken technology equipment throughout County conference rooms. These funds will be used to replace equipment in court rooms and conference rooms throughout the County as needed.
- Hosted Legacy Application Cloud Migration** **\$625,000**
 This project will migrate government applications to the public cloud. The scope of work includes a readiness assessment, preparation of the cloud environment, testing, migration of applications, and post-implementation evaluation. This approach will be applied to subsequent phases of migrations. The migration process offers several benefits, including enhanced security and ransomware prevention, cost savings on infrastructure setup and maintenance, and the ability to easily scale up or down as business needs change. Cloud migration enables the County to establish a modern and unified digital services experience for residents and businesses, as well as added flexibility to respond to changing business needs.

- **Revenue and Collection System (ACE/CAPP) Upgrade** **\$750,000**
This project will upgrade the Revenue and Collection System, also known as ACE and CAPP. ACE is the back-office application used by the Commissioner of Revenue and Treasurer’s Offices to perform their daily activities, such as business tax assessments, billing, collection of taxes and fees, and enforcement. CAPP is the public-facing portal used by Arlington taxpayers, individuals, and businesses for paying bills, filing tax returns, and managing their County accounts. This project represents a comprehensive upgrade of the software, aimed at maintaining contemporary standards for support and maintenance. It focuses on enhancing functionality and optimizing the system's hosting, thereby improving uptime, security, and scalability. Key enhancements include more intuitive navigation and a refined graphical design, elevating the user experience for both constituents and staff. Additionally, the forthcoming version is set to introduce a digital assistant (chatbot) for constituents engaging with CAPP, along with several features designed to boost staff efficiency. The full cost of the project is \$4,500,000 with \$3,750,000 funded from short-term financing and \$750k being funded through PAYG.

- **Social Solutions/Efforts To Outcomes/Homeless Management Information System Replacement** **\$990,000**
This project covers the replacement of the current system to manage the Economic Independence Division (EID) Customer Service Center - Customer Service/Case Management functionality and replace the current Homeless Management Information System (HMIS) that was acquired in 2011. DHS uses the case management function to track clients in all the divisions where the client receives services. This allows the client to flow through DHS services efficiently by only providing personal information at the entry point instead of multiple times. The HMIS portion is a Housing and Urban Development mandated platform that tracks the homeless population. All non-profits in Arlington County that serve the homeless use the system to document their homeless clients and the services the client receives. HMIS supports the Continuum of Care (CoC), domestic violence and Homelessness Prevention and Rapid Rehousing Program (HPRP).

- **Workforce Device Modernization** **\$2,166,000**
This program provides funding for the cyclical replacement of workforce devices, including laptops and desktops utilized by the County. The goal of the program is to maintain a 70% laptop to 30% desktop device mix within the County. This program, formerly known as PC Replacement, is responsible for managing the replacement of approximately 2,695 laptops and 946 desktop devices on a rolling replacement.

- **Voting Machines** **\$2,000,000**
The project covers the replacement of the Arlington Electoral Board voting system. This system includes 110 precinct based digital scanners for paper ballots, 60 ADA ballot marking machines, a high-speed scanner, and proprietary software and hardware needed to conduct an election. The current system was purchased in 2015 and 2016. Voting systems are expected to last 10 years.

Public Safety **\$1,462,000**
The public safety section includes key system and asset replacements on a reasonable life cycle. The projects are funded between both PAYG funds and short-term financed dollars. The total public safety program is \$4.4 million, with \$2.94 million included in short-term financing. See the short-term finance section for project details.

- **Fire Bomb Squad X-Ray Systems** **\$240,000**

Mobile x-ray devices provide ACFD's Bomb Squad Team with the ability to take multiple x-rays remotely, reducing the time on target and improving hazardous detection. ACFD's current devices are 10-15 years old and use outdated technology, leaving them vulnerable to breaking or malfunctioning. Replacement will reduce risk to the bomb technicians and improve the team's ability to handle suspicious items and situations. Going forward, these devices should be on a seven-year replacement cycle.

- **Fire Breathing Apparatus Compressors** **\$372,000**

A self-contained breathing apparatus, or SCBA, is a device worn by first responders to provide breathable air in an "Immediately Dangerous to Life or Health" atmosphere (IDLH). This project will replace the four compressors the Department maintains to refill the SCBAs with breathable air. The compressors are deployed across the County to provide quick and efficient refilling and capacity. These new models will also provide electronic records which are required for accreditation. The full cost of the project is \$460,000 with \$88,000 funded from short-term financing and \$372k being funded through PAYG.

- **Police Electronic Summons System** **\$100,000**

In FY 2015, the County began assessing a \$5.00 fee as part of the costs for each criminal or traffic case in the district or circuit courts to purchase and implement an electronic summons system. With an electronic summons system, citation data will be automatically scanned and electronically entered at the point of activity, improving efficiency and accuracy in the processing of issued citations for Courts and Police personnel. Once the citation is complete, the transaction data would be sent electronically to the Court's case management systems, allowing violators to prepay their fines promptly and aid the Courts in managing their dockets while tracking their caseloads. The costs of the system include the software and hosting costs, peripheral equipment such as handheld devices and portable printers, installation, training, and system maintenance. The FY 2025 PAYG budget reflects the projected annual revenue from fees earned in FY 2024.

- **Public Safety VM Ware/Servers** **\$350,000**

This project funds the replacement of Public Safety servers and VMWare (virtual ware) licensing to continue the consolidation and optimization of the multiple server footprint within different areas of public safety. This is an ongoing effort as the applications used by Public Safety evolve. Virtual machines allow the creation of many servers without the purchase of a lot of individual system hardware. Over the next 10 years, these platforms will continue to change and evolve as some systems move to Cloud environments and others stay on site. The useful life of the equipment is five years.

- **Sheriff Body Scanner Warranty Extension** **\$100,000**

This project will extend the warranty for the existing body scanner used in the Detention Facility. The Full Body Screening Security Station is a critical tool to enhance the capabilities of Arlington County Sheriff's Office (ACSO) personnel in the screening and detection of contraband. Identifying contraband substances quickly increases inmate and staff safety. Use of the system provides a greater level of privacy to inmates by eliminating the need for strip searches. The system also serves as a deterrent for those contemplating smuggling contraband into the Arlington County Detention Facility. With the warranty extension, the useful life of the equipment is 10 years.

- **Sheriff Courthouse Magnetometer/X-Ray Machine** **\$300,000**
This project will replace the magnetometer/X-ray machine that is used in the Courts Building. Staff in the Sheriff's Department (ACSO) use the device to screen all visitors to the building for potentially threatening items and assist in maintaining security in the Courthouse. The useful life of the equipment is seven years.

Arlington Neighborhoods Program **\$700,000**

This ongoing program funds a diverse set of infrastructure construction projects across the community. Since the 1960s, Arlington residents and civic associations have collaborated with the County to identify and plan infrastructure projects in their own neighborhoods. These projects have included everything from streetlight installation to street intersection reconfiguration to tree and landscape restoration to new curb, gutter and sidewalk. The program budget required for Arlington Neighborhoods Program staff totals \$700,000.

Arlington Economic Development (AED) Public Art **\$90,500**

Arlington is home to nearly eighty permanent public art projects that need to be maintained. These projects are commissioned by the County to be integrated into various capital improvement projects, commissioned by developers as part of the site plan process, and initiated by communities. AED is also responsible for the care and maintenance of various public spaces.

- **Lubber Run Amphitheater Seat Renovation** **\$42,000**

This project will replace the amphitheater seating with new recycled plastic lumber bleacher seating. The existing benches are damaged and have missing covers.

- **Public Art-Civic Facilities** **\$48,500**

This project is to maintain the County's public artworks. Projects that have been identified are the Bon Air Rose Garden Mosaic, James Hunter Park Wayfinding Signs, Memory Bricks at Hall's Hill/High View Park and damaged Public Art Signs. Without addressing these maintenance needs, these artworks and signage are at risk of irreparable damage.

Capital Administration/Contingent **\$274,738**

The FY 2025 proposed budget continues funding for administrative support of capital projects tracking, reporting and procurement in the Department of Management and Finance.

WHAT ARE BONDS?

Municipal bonds are debt securities the County sells to generate funding for capital investments that will then be paid back over time. When investors purchase County bonds, it is a debt that the County will repay in one or more years with interest. The County's regular payments to bond investors are called "debt service." The bond funding of capital investments operates under the principle of "inter-generational equity." Debt service is spread over multiple years in line with the useful life of an asset. This allows those residents who may benefit from the project over time to pay for it. There are many different types of bonds, which are primarily distinguished by the security backing them. The County primarily issues General Obligation (GO) bonds and subject-to-appropriation bonds. GO bonds are backed by the full faith and credit of the County, which is the strongest backing a municipal bond can have. Subject-to-appropriation bonds are secured by an annual appropriation of revenues sufficient to pay debt service. Due to this lack of the full faith and credit pledge, they typically carry a lower credit rating.

HOW DOES THE COUNTY ISSUE BONDS?

In Arlington County, the primary type of bonds issued are General Obligation (GO) bonds. These bonds carry the County's full faith and credit pledge and require that residents must first approve one or more bond referenda authorizing the issuance of GO bonds. These bonds are issued for capital projects as identified in the County's Capital Improvement Plan (CIP). The County seeks approval for referenda as part of regular elections, generally in November of even numbered years. If residents approve one or more bond referenda, then the County will include one or more projects approved under each referendum in a future sale of GO bonds based on each project's cashflow needs. The specific amounts of the bonds to be sold for each capital project are determined as part of the County's CIP. Typically, the County's CIP has a 10-year "planning horizon," which includes an adopted capital budget for the first year and nine forecasted future planning years. In FY 2023, the County adopted a ten-year CIP covering fiscal years 2023-2032, and six different bond referenda were approved by voters in November 2022.

GO BONDS AND THE CAPITAL IMPROVEMENT PLAN

The CIP is a planning document that identifies the capital needs of the community over a ten-year period. GO bond financing is one component of the overall funding plan in the CIP and is generally used to finance capital projects with average useful lives of more than 10 years, matching or exceeding the average maturity of the bonds issued. Full detail of the CIP can be found at <https://www.arlingtonva.us/Government/Programs/Budget-Finance/CIP>.

Prior to FY 2020, GO bond funding was appropriated at the time of bond issuance, typically in the spring of each fiscal year. Consistent with other capital funds, the appropriation of general obligation (GO) bond funded projects is now included as part of the operating budget.

As individual projects approved in the CIP advance and become more defined, the timing of when the County sells its bonds to investors may shift from the adopted CIP to align with changes to the timing or cashflow needs of the project. The bond dollars identified on the

following pages have been approved in previous CIP's and will be issued in FY 2025 for execution of the projects.

FY 2025 General Obligation Program Costs

Debt service on bonds to be issued in FY 2025 to finance the projects on the following pages will not begin until FY 2026 and will be included in that year's operating budget. The proposed FY 2025 debt service budget includes debt service on bonds issued or planned to be issued through FY 2024. The bonds and associated debt service adhere to the County's financial and debt management policies.

Fund	Program Area	General Obligation (GO) Bond Funding
316	Arlington Neighborhoods	2,000,000
317	Government Facilities	250,000
317	Information Technology	1,900,000
324	Local Parks & Recreation	605,000
Total FY 2025 GO Bond Funding		\$4,755,000

Arlington Neighborhoods Program **\$2,000,000**

This ongoing program funds a diverse set of infrastructure construction projects across the community. Since the 1960's, Arlington residents and civic associations have collaborated with the County to identify and plan infrastructure projects in their own neighborhoods. These projects have included everything from streetlight installation to street intersection reconfiguration to tree and landscape restoration to new curb, gutter and sidewalk. The program requires \$2 million in authorized, unissued GO bond balances to fund the following three capital projects.

- **Bailey's Branch Park** **\$200,000**
 This is a park improvement project in collaboration with the Department of Parks and Recreation, which includes stormwater management, new and or improved park access, new park amenities for the community, and invasive plant removal.
- **N. Monroe Street (from 17th St N to 3612 19th St N)** **\$1,400,000**
 This is a street improvement project for an accessible sidewalk on the west side of the street and includes above ground utility relocation and full-depth asphalt in the street.

- **Thrifton Hill Park** **\$400,000**
This is a park improvement project, which includes multiple (new and improved) park access points, new park amenities for the community, and invasive plant removal.

Technology **\$1,900,000**

The technology section includes both enterprise-wide and program specific projects. The projects are funded mostly between GO bonds, PAYG, and short-term finance. The total technology program is \$16.1 million with \$8.16 million being funded through other sources. See the project list for additional funded projects.

- **Bozman Data Center Migration** **\$750,000**
This is the first phase of a multi-phase project to update and consolidate the County's data center utilization and continue to migrate, as appropriate, the County's on-premise data to a cloud-based environment. Phase I, includes the reduction and relocation of the Bozman Data Center. The total project cost is \$1,850,000 With \$1,100,000 funded from PAYG funds and \$750,000 in existing program GO bond balances.

- **Connect Arlington** **\$1,150,000**
Connect Arlington (CA) is the County's extensive Fiber Optic Network, spanning approximately 70 route miles and linking over 90 structures. This network is divided roughly equally between County facilities and County Schools (APS). The network plays a pivotal role in supporting advanced traffic signals, video surveillance, and specific utility services. The allocated funding is aimed at expanding and updating the County's fiber infrastructure. This includes underground fiber installation for APS locations and completing the integration of any disconnected segments in the fiber ring.

- **Arlington Hall West Park Playground Replacement** **\$605,000**
This project covers the design and construction for the replacement of the playground, site circulation, site furnishings, landscaping and stormwater management improvements. This is one of the older playgrounds in the County and replacement parts are no longer available from the playground manufacturer. Portions of the playground are currently closed. This project is being funded through existing Parks Maintenance Capital program bond balances.

- **Lee Community Center Study** **\$250,000**
This project will study options for the Lee Community Center, which is partially utilized for a single art program use which will be relocated in calendar year 2025. The building was constructed and altered at a time before modern accessibility standards were adopted and does not allow for compliant, internally accessible movement between the various built areas. Additionally, the facility has remaining asbestos containing materials, an HVAC system past its useful life, non-compliant restrooms, aging windows, and a non-compliant elevator. The study will provide a conceptual cost estimate for work needed to reopen the existing building or portions of the building to public use standards, or alternatives for other uses, with no increase to the existing footprint of 12,000 square feet (SF).

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FY 2025 short-term financed projects will replace aged and critical technology infrastructure including public safety equipment and enterprise technology. The FY 2025 debt service budget of \$9.2 million is included in the General Fund Non-Department budget for short-term financing. This annual debt service budget level covers the financing costs (principal and interest) of the projects included below.

SHORT-TERM FINANCE PROGRAM FUNDING			
	Capital	Auto Fund	Total Funding
Network Refreshment	\$1,732,000	-	\$1,732,000
Revenue and Collection (ACE/CAPP) Upgrade	3,750,000		3,750,000
Server & Storage Hardware	780,000	-	780,000
Subtotal - Technology Services	6,262,000	-	6,262,000
Fire Breathing Apparatus – Compressors	88,000	-	88,000
Police & Sheriff Portable Radios	2,850,000	-	2,850,000
Subtotal - Public Safety	2,938,000	-	2,938,000
TOTAL Project Costs	\$9,200,000	-	\$9,200,000

Enterprise Technology and Equipment

\$6,262,000

Funding for the FY 2025 Enterprise Technology and Equipment program is for maintenance capital as well as hardware and application refreshment. Maintenance capital is for the ongoing replacement of aging computers, servers, networks and other equipment. The hardware and application refreshment category is to support and refresh software and management systems that provide the tools, capabilities, and processes that enable the County workforce to meet internal and external demands. The program includes \$4.9 million in PAYG funds.

▪ **Network Refreshment**

\$1,732,000

This annual program covers the replacement and refreshment of end-of-life equipment that is responsible for providing network and wireless connectivity. For FY 2025, the budget primarily allocates funds for upgrading the County's network infrastructure. This upgrade encompasses refreshing the network core, distribution sites, and single-mode fiber. The plan involves replacing network equipment across all County site locations, which is crucial to maintain and enhance connectivity. This improved network will support the County's, Schools', and Public Safety's comprehensive requirements for voice, data, and video communication.

▪ **Revenue and Collection System (ACE/CAPP) Upgrade**

\$3,750,000

This project will upgrade the Revenue and Collection System, also known as ACE and CAPP. ACE is the back-office application used by the Commissioner of Revenue and Treasurer's Offices to perform their daily activities, such as business tax assessments, billing, collection of taxes and fees, and enforcement. CAPP is the public-facing portal used by Arlington taxpayers, individuals, and businesses for paying bills, filing tax returns, and managing their County accounts. This project represents a comprehensive upgrade of our software, aimed at maintaining contemporary

standards for support and maintenance. It focuses on enhancing functionality and optimizing the system's hosting, thereby improving uptime, security, and scalability. Key enhancements include more intuitive navigation and a refined graphical design, elevating the user experience for both constituents and staff. Additionally, the forthcoming version is set to introduce a digital assistant (chatbot) for constituents engaging with CAPP, along with several features designed to boost staff efficiency. The full cost of the project is \$4,500,000 with \$3,750,000 funded from short-term financing and \$750k being funded through PAYG.

- **Server & Storage Hardware** **\$780,000**
 This program covers the general sustainment and replacement of physical server hardware and data storage for the County. A major refreshment of these systems was completed in Fiscal Years 2021 and 2022, and the Department of Technology Services (DTS) is now operating in three data centers. The useful life of servers is generally five to seven years. While the County is implementing a Cloud Smart Strategy, it is expected that its data storage requirements will continue to expand, regardless of whether data is stored on-site or in the cloud. If the Cloud Smart Strategy leads to a reduction in the need for on-premise storage space, this could result in adjustments to the County's on-premise server hardware and storage requirements.

- Public Safety** **\$2,938,000**
 The Public Safety program funds will be used to fund key projects that will keep existing information technology systems and fire apparatus refreshed or replaced on a reasonable life cycle so that the systems remain useful, operable, and responsive to public safety needs. The program includes \$1.4 million in PAYG funds.

- **Police & Sheriff Portable Radios** **\$2,850,000**
 Police and Sheriff portable radios are installed in County vehicles and provide two-way communication between the Emergency Communication Center and public safety vehicles. In addition, these portable radios also allow for two-way communication with the Emergency Communications Center and all public safety agencies throughout the National Capital Region. This project covers replacement of 1,415 portable and mobile radios over a three-year period. This is the second year of the project. The full cost of the first year of the project was \$2.85 million and an additional \$2.85 million is needed in FY 2026 to replace all Police and Sheriff portable radios. The useful life of the equipment is seven to 10 years.

- **Fire Breathing Apparatus Compressors** **\$88,000**
 A self-contained breathing apparatus, or SCBA, is a device worn by first responders to provide breathable air in an "Immediately Dangerous to Life or Health" atmosphere (IDLH). This project will replace the four compressors the Department maintains to refill the SCBAs with breathable air. The compressors are deployed across the County to provide quick and efficient refilling and capacity. These new models will also provide electronic records which are required for accreditation. The full cost of the project is \$460,000 with \$88,000 funded from short-term financing and \$372,000 being funded through PAYG.



Transportation Capital Program FY 2025 Capital Program Project List				
Project Description	PAYG	Bond Premium	GO Bonds	Total Budget
Maintenance Capital				
Bridge Maintenance	\$221,000	-	-	\$221,000
*Parking Meters	-	-	-	-
Paving, Markings & Slurry Seal	1,300,000	-	-	1,300,000
Sidewalk, Curb, Gutter Proactive Zone Maintenance	309,000	-	-	309,000
Signals and ITS Maintenance	1,000,000	-	-	1,000,000
*Street Lighting Management	-	-	-	-
*Trail Light Maintenance	-	-	-	-
Complete Streets				
*Bike Arlington	50,000	-	-	50,000
*Neighborhood Complete Streets	-	-	-	-
Street Safety Improvements	365,000	-	-	365,000
Transportation Asset Management	23,000	-	-	23,000
*WALKArlington	-	-	-	-
Total Projects	\$3,268,000	-	-	\$3,268,000

*These projects are funded with other fund sources such as fund balance, Transportation Capital Fund (TCF) or grant dollars.

Paving - Hot Mix Overlay - Paving has been increased to 75 lane miles annually. This includes about three lane miles of streets without curb and gutter.

Paving - Microsurfacing - Microsurfacing extends the life of pavement for arterial streets at a lower per square yard cost.

Paving - Slurry Seal - Slurry Seal extends the life of pavement on residential streets at a much lower per square yard cost.

CAPITAL PROGRAM PROJECT LISTS
GENERAL CAPITAL PROJECTS FUND

Facilities Capital Program FY 2025 Capital Program Project List				
Project Description	PAYG	Bond Premium	GO Bonds	Total Budget
Facilities Maintenance Capital				
Argus House Window Replacement	-	\$600,000	-	\$600,000
Court Square West Electrical Switchgear Replacement	\$1,500,000	-	-	1,500,000
Detention Center Air Compressor Replacement	-	250,000	-	250,000
Emergency Communications Center UPS Upgrades	350,000	-	-	350,000
Fire Station 9 (Walter Reed) - Apparatus Bay Circulation System	-	300,000	-	300,000
Facilities Design & Construction				
Lee Community Center Study	-	-	\$250,000	250,000
Oakland Street Police Warehouse Renovation	-	1,355,000	-	1,355,000
Energy Management				
County Facility Renewable Energy Installation	300,000	-	-	\$300,000
Electric Vehicle Chargers - Internal Accessibility	250,000	-	-	250,000
Electric Vehicle Chargers - Public Accessibility	500,000	-	-	500,000
Energy Performance Upgrades-County Buildings	475,000	-	-	475,000
Total Projects	\$3,375,000	\$2,505,000	\$250,000	\$6,130,000

CAPITAL PROGRAM PROJECT LISTS
GENERAL CAPITAL PROJECTS FUND

Parks Capital Program FY 2025 Capital Program Project List					
Project Description	PAYG	Bond Premium	GO Bonds	Other/APS	Total Budget
Parks Maintenance Capital					
Arlington Hall West Park Playground Replacement - Design & Construction	-	-	\$605,000		\$605,000
Capital Asset Manager	\$175,000	-	-		175,000
Field Fund (covered by field fees)	290,000	-	-		290,000
Public Spaces Master Plan Updates	300,000	-	-		300,000
Synthetic Fields Program					
*Greenbrier Park/Yorktown High School Stadium Field Replacement	582,000	-	-	\$582,000	1,164,000
**Thomas Jefferson Middle School Synthetic Field Replacement	573,000	-	-	246,000	819,000
Total Projects	\$1,920,000	-	\$605,000	\$828,000	\$3,353,000

*Total project cost is \$1,164,000 of which Arlington Public School (APS) will pay \$582,000 in accordance with the cost-sharing agreement (50% ACG / 50% APS).

**Total project cost is \$819,000 of which APS will pay \$246,000 in accordance with the cost-sharing agreement (70% ACG / 30% APS).

CAPITAL PROGRAM PROJECT LISTS
GENERAL CAPITAL PROJECTS FUND

Information Technology Capital Program FY 2025 Capital Program Project List					
Project Description	PAYG	Bond Premium	GO Bonds	Short-term Financing	Total Budget
DTS - Enterprise Technology Services					
Bozman Data Center Migration	\$ 1,100,000	-	\$ 750,000	-	\$ 1,850,000
County AV Equipment Replacement	300,000	-	-	-	300,000
ConnectArlington	-	-	1,150,000	-	1,150,000
Hosted Legacy Application Cloud Migration Project (Year 3 of 4)	625,000	-	-	-	625,000
Network Equipment & Power Systems	-	-	-	1,732,000	1,732,000
Revenue and Collection System (ACE/CAPP) Upgrade (Year 1 of 2)	750,000	-	-	3,750,000	4,500,000
Servers & Hardware	-	-	-	780,000	780,000
Workforce Device Refreshment (formerly PC Replacement)	2,166,000	-	-	-	2,166,000
Department of Technology Services Total	4,941,000	-	1,900,000	6,262,000	13,103,000
Human Services (DHS)					
Social Solutions/Efforts to Outcomes / Homeless Management Information System Replacement	990,000	-	-	-	990,000
Department of Human Services Total	990,000	-	-	-	990,000
Electoral Board					
Voting Machines	2,000,000	-	-	-	2,000,000
Electoral Office Total	2,000,000	-	-	-	2,000,000
Public Safety					
Fire - Bomb Squad X-Ray Systems	240,000	-	-	-	240,000
Fire - Breathing Apparatus - Compressors	152,000	\$220,000	-	88,000	460,000
Police-E-Summons System (covered by court fees)	100,000	-	-	-	100,000
Police & Sheriff Public Safety Radios	-	-	-	2,850,000	2,850,000
Public Safety VMWare/Servers	350,000	-	-	-	350,000
Sheriff - Body Scanner Warranty Extension	100,000	-	-	-	100,000
Sheriff - Courthouse Magnetometer/X-Ray Machine	300,000	-	-	-	300,000
Public Safety Total	1,242,000	220,000	-	2,938,000	4,400,000
Total Projects	\$9,173,000	\$220,000	\$1,900,000	\$9,200,000	\$20,493,000

CAPITAL PROGRAM PROJECT LISTS
GENERAL CAPITAL PROJECTS FUND

**Arlington Neighborhoods Capital Program
FY 2025 Capital Program Project List**

Project Description	PAYG	GO Bonds	Total Budget
ANP Project Management	\$700,000	-	\$700,000
Bailey's Branch Park - Park Improvement Project	-	\$200,000	200,000
North Monroe St. - 17th - 19th St - Street Improvement Project	-	1,400,000	1,400,000
Thrifton Hill Park - Park Improvement Project	-	400,000	400,000
Total Projects	\$700,000	\$2,000,000	\$2,700,000

**Economic Development & Public Art Capital Program
FY 2025 Capital Program Project List**

Project Description	PAYG	Total Budget
Lubber Run Amphitheater Seat Renovation	\$42,000	\$42,000
Public Arts Civic Facilities	48,500	48,500
Total Projects	\$90,500	\$90,500

**Regional Contributions & Contingents
FY 2025 Capital Program Project List**

Project Description	PAYG	Total Budget
Capital Administration & Contingent	\$274,738	\$274,738
Northern Virginia Criminal Justice Academy (NVCJA) - Debt Service	126,675	126,675
Regionals - NOVA Parks (NVRPA)	731,087	731,087
Total Projects	\$1,132,500	\$1,132,500

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Our Mission: To provide and maintain a water distribution system, a sewage collection system, and a wastewater treatment plant

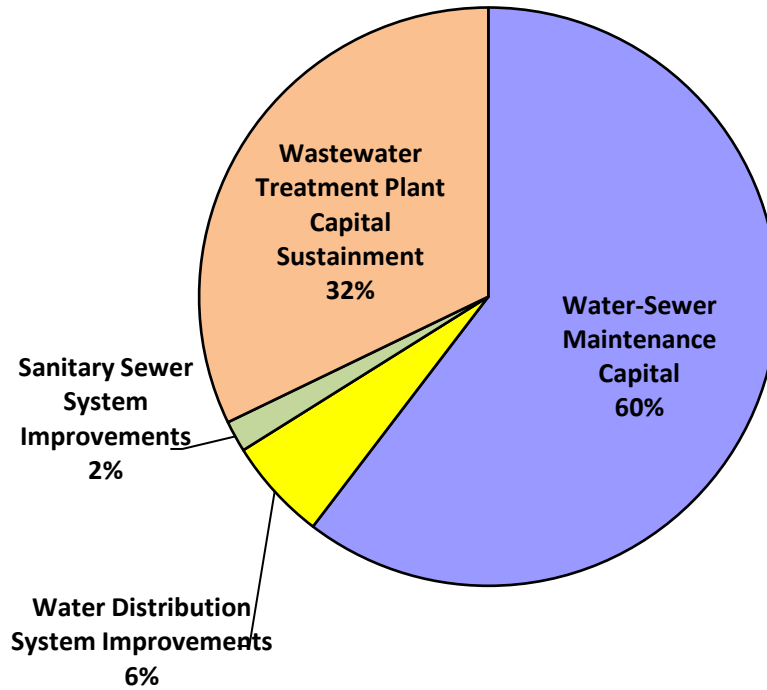
The Department of Environmental Services is responsible for managing the Utility Fund, which includes providing and maintaining a water distribution system, a sewage collection system, and a wastewater treatment plant.

Capital budget development is included in both the annual operating budget process and the biennial capital improvement plan (CIP). The annual budget process approves and allocates funding for capital projects using current year ongoing revenue, one-time funding, state and federal grant funds, cost-share, previously approved bond funding and various dedicated funds. The CIP includes a projected ten year spend plan of all of the aforementioned sources, various fees, and the approval of new General Obligation (GO) bonds. Due to these multiple funding sources and the multi-year nature of project execution, not all of the County's planned spending on capital projects appears in any one year of the operating budget. The CIP document shows the multiple year execution of projects.

- The County typically uses Pay-As-You-Go (PAYG) to fund assets with useful lives of 10 years or less. Financed dollars are set on repayment schedules (debt service) concurrent with the expected useful lives of the financed assets. Long-term financing (e.g., GO bonds) is used primarily for the County's large capital infrastructure investments, such as buildings, equipment at the wastewater plant or major water or wastewater mains, with expected useful lives of 10 or more years. Refer to the Debt Service section of this document and the Adopted Capital Improvement Plan for more detailed information on the County's long-term capital financing strategy.

The Proposed FY 2025 Utility Fund PAYG Budget Summary, program budget appropriation distribution graph, project descriptions, and fund statement are included on the following pages.

Distribution of Fund Budget



FY 2025 PROPOSED PAYG BUDGET SUMMARY

PROGRAM CATEGORY	AMOUNT
UTILITIES	
Wastewater Treatment Plant Capital Sustainment	\$7,505,000
Water-Sewer Maintenance Capital	14,093,000
Water Distribution System Improvements	1,335,000
Sanitary Sewer System Improvements	410,000
Total Project Cost	23,343,000
Less: Infrastructure Availability Fees & Other Revenue	7,900,000
Less: Inter-Jurisdictional Partner Contributions	6,250,000
Less: Grant Revenue	750,000
Less: Interest Income & Miscellaneous Revenues	350,000
Less: Transfer in from General Fund	100,000
Net Utilities Funds Support	\$7,993,000

FY 2025 PROPOSED UTILITIES BUDGET

Wastewater Treatment Plant Capital Sustainment \$7,505,000

- **Water Pollution Control Plant Maintenance Capital Program.** This program provides for the annual repair, replacement, and upgrade of current equipment and infrastructure at the plant and lift stations. Major program components include refurbishing or replacing equipment to prevent premature failure, infrastructure improvements, and automating treatment processes to increase operational efficiency, reliability, and redundancy. Additionally, studies of alternative treatment processes to increase efficiency and reduce environmental impact are funded through this program (\$840,000).
- **Solids Master Plan (Re-Gen) Phase 2 – Intermediate Needs.** Projects that need to be completed in advance of Phase 3 which may involve additional equipment replacement or demolition of underutilized facilities in preparation for the Phase 3 construction (\$1,800,000).
- **Solids Master Plan (Re-Gen) Phase 3 – Class A Biosolids / Long Range Needs.** The Solids Master Plan will modernize solids treatment facilities and create opportunities for resource recovery. The plant currently produces an alkaline stabilized Class B biosolids product but is planning to produce Class A biosolids after the plan’s implementation. This phase implements the long-term solution to producing a Class A biosolids product. The Solids Master Plan was approved by the County Board in July 2018 with a commitment to continue to communicate with stakeholders and to collaborate with local utilities. Design for this multi-year construction began in FY 2024 (\$2,925,000).
- **Technology Enhancements.** This program provides funding for the Plant’s Process Control System (PCS) and other networked cybersecurity related initiatives. Several discrete projects have been identified as part of this program (\$595,000).
- **Asset Management and Work Order System Replacement.** The current asset management and work order system is nearing end of life. This funding will be used to implement a replacement system (\$170,000).
- **Primary Clarifier Upgrades.** This project will evaluate and rehabilitate / improve equipment and facilities associated with the primary clarifiers to ensure alignment with industry best practices. The last upgrade to the system was approximately twenty years ago. A holistic assessment of the equipment, facilities, process, and future needs is desirable to determine what improvements are needed to ensure the continued reliability and sustainability of this system (\$50,000).
- **Activated Sludge Effluent Pump Station #1 (ASE1) Upgrades.** This pump station continuously pumps partially treated wastewater to the filtration and disinfection treatment process. ASE1 houses four pumps with a capacity of over 50 million gallons per day. This includes replacing all the pumping equipment, valves, and piping within the station as well as the associated electrical equipment. More efficient pumps will be specified for the upgrades, resulting in energy savings (\$415,000).
- **Blue Plains Plant Capital.** The District of Columbia Water and Sewer Authority Blue Plains Plant processes a portion of Arlington County’s sewage after transmission through Fairfax County mains. The capital program funds Arlington’s annual payment through Fairfax County to the Blue Plains Plant for capital improvements. It also funds improvements to the transmission system. Payment is due under the terms of the October 3, 1994, Sewage Conveyance, Treatment, and Disposal Agreement with Fairfax County (\$710,000).

Water-Sewer Maintenance Capital **\$14,093,000**

The funding for these projects comes primarily from a transfer from the Utilities Operating Fund, which is an enterprise fund. The revenues for this enterprise fund are derived primarily from water and sewer utility billings. Infrastructure Availability Fees (IAF) charged to new users who increase demands on the system are an additional funding source for these projects. The following projects and programs are planned to replace and rehabilitate the County's water distribution and sewage collection system.

- Water main replacement program (\$2,300,000)
- Non-expansion inflow & infiltration sanitary sewer capital repairs & replacements (\$3,000,000)
- Large diameter sewer rehabilitation / replacement (\$1,570,000)
- Water main cleaning and re-lining projects (\$1,600,000)
- Water / sewer frames and covers (\$1,000,000)
- Sewer main & sewer force main replacement programs (\$2,370,000)
- Manhole rehabilitation (\$608,000)
- Large diameter water main rehabilitation / replacement (\$795,000)
- Trade Center improvements (\$500,000)
- Small diameter valve rehabilitation & replacement (\$300,000)
- Large meter vault rehabilitation & replacement (\$50,000)

Water Distribution System Improvements **\$1,335,000**

The water main projects in this program are designed to improve overall capacity or operation of the water distribution system. These projects are part of the Water System Plan. Funding for these projects is generated from fees charged to new users who increase demands on the water distribution system.

- Distribution improvements (\$500,000)
- Pump station improvements (\$835,000)

Sanitary Sewer System Improvements **\$410,000**

The sanitary sewer collection improvements are intended to provide additional capacity to existing sanitary sewer lines to accommodate new development in Arlington County. These projects are part of the Sanitary Sewer System Plan. Funding for this program is generated from fees charged to new users who increase demands on the sewer system.

- Collection improvements (\$410,000)

TOTAL UTILITIES BUDGET **\$23,343,000**

UTILITIES CAPITAL PROJECTS FUND
FUND STATEMENT

	FY 2023 ACTUAL	FY 2024 ADOPTED	FY 2024 RE-ESTIMATE	FY 2025 PROPOSED
ADJUSTED BALANCE, JULY 1	\$43,392,530	\$41,388,583	\$41,388,583	\$29,568,583
REVENUES:				
Infrastructure Availability Fees	6,051,830	7,900,000	7,900,000	7,900,000
Sewage Treatment Service Charges	1,364,145	7,415,000	2,035,000	6,250,000
Grant Revenue	-	-	-	750,000
Interest	670,495	350,000	600,000	350,000
Miscellaneous Revenue	239,757	-	-	-
TOTAL REVENUE	8,326,227	15,665,000	10,535,000	15,250,000
Transfers In (Out):				
Transfer in from General Fund	460,000	100,000	100,000	100,000
Transfer In from Utilities Operating Fund	15,295,000	13,310,000	13,310,000	7,993,000
TOTAL TRANSFERS IN	15,755,000	13,410,000	13,410,000	8,093,000
TOTAL BALANCE, REVENUES AND TRANSFERS IN	67,473,757	70,463,583	65,333,583	52,911,583
EXPENDITURES:				
Capital Projects - Current Year	24,081,227	29,075,000	23,945,000	23,343,000
Capital Projects - Carry-Over	2,003,947	17,060,000	11,820,000	21,832,000
TOTAL CAPITAL EXPENDITURES:	26,085,174	46,135,000	35,765,000	45,175,000
BALANCE, JUNE 30	\$41,388,583	\$24,328,583	\$29,568,583	\$7,736,583

Most capital projects span multiple years, from design to construction completion. The FY 2023 Actual and FY 2024 Re-Estimate columns reflect that funding for capital projects are carried forward each fiscal year, and ending balances fluctuate, reflecting the carryover of these funds. The FY 2025 Proposed Budget column is presented in a similar fashion to show planned execution of projects in the fiscal year. These are staff's best estimates based on preliminary plans and design and construction schedules.

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Our Mission: To implement a comprehensive stormwater management program that balances the following goals: 1) to reduce the potential for stormwater threats to public health, safety, and property; 2) to reduce the impacts of new and existing urban development on Arlington streams, the Potomac River, and the Chesapeake Bay; and, 3) to comply with State and federal stormwater, water quality, and floodplain management regulations.

The Department of Environmental Services is responsible for managing the Stormwater Management Fund. In prior budget years the Stormwater Management Fund was a combined fund for operations, maintenance, and capital projects funded through the Sanitary District Tax of \$0.017 per \$100 of assessed real property value. Effective January 1, 2024, Arlington County has implemented a Stormwater Utility, which has replaced the tax funding with utility fee funding based on a property's impervious area. More information can be found on the [Stormwater Utility Fee website](#).

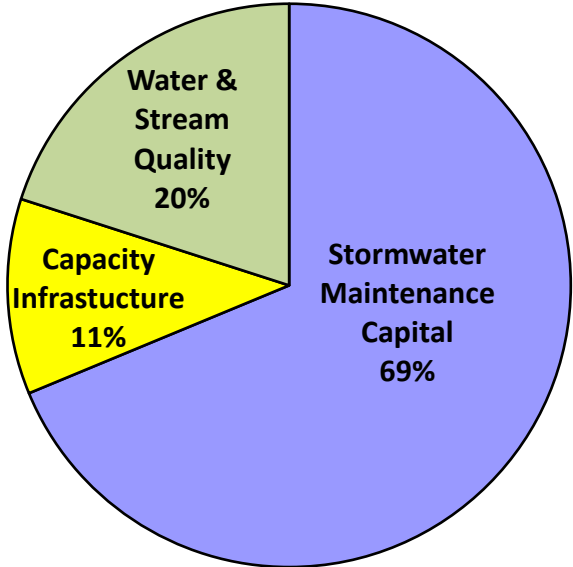
Starting in FY 2024, Stormwater Management Fund is now an enterprise fund. With the change in fund type, there is now a separate fund for operations and maintenance activities and a capital projects fund dedicated to the Pay-As-You Go capital program. The Stormwater Management operating fund can be found in the "Enterprise, Special Revenue, and Internal Service Funds" section of this budget book.

Capital budget development is included in the annual operating budget process and the biennial capital improvement plan (CIP). The annual budget process approves and allocates funding for capital projects using current year ongoing revenue, one-time funding, state and federal grant funds, cost-share, previously approved bond funding and various dedicated funds. The CIP includes a projected ten-year spending plan of all the sources, various fees, and the approval of new GO bonds. Due to these multiple funding sources and the multi-year nature of project execution, not all the County's planned spending on capital projects appears in any one year of the operating budget. The CIP document shows the multiple year execution of projects.

The County typically uses PAYG to fund assets with useful lives of 10 years or less. Financed dollars are set on repayment schedules (debt service) concurrent with the expected useful lives of the financed assets. Long-term financing (e.g., GO bonds) is used primarily for the County's large capital infrastructure investments, such as installation or replacement of long segments of stormwater pipe, land acquisition, and replacement of large culverts under roads with expected useful lives of 10 or more years. Refer to the Debt Service section of this document and the Adopted Capital Improvement Plan for more detailed information on the County's long-term capital financing strategy.

The Proposed FY 2025 Stormwater Fund Pay-As-You-Go Budget Summary, program budget appropriation distribution graph, project descriptions, and fund statement are included on the following pages.

Distribution of Fund Budget



FY 2025 PROPOSED PAYG BUDGET SUMMARY

PROGRAM CATEGORY	AMOUNT
STORMWATER MANAGEMENT	
Stormwater Maintenance Capital	\$5,455,000
Stormwater Infrastructure Capacity Improvements	890,000
Streams and Water Quality	1,590,000
Total Project Cost	7,935,000
Less: Grant Revenue	3,540,000
Less: Interest Income & Miscellaneous Revenues	500,000
Net Stormwater Management Fund Support	\$3,895,000

FY 2025 PROPOSED STORMWATER CAPITAL BUDGET

Stormwater Maintenance Capital \$5,455,000

Much of Arlington County's stormwater infrastructure was built during the 1940's and 1950's. It is approaching the end of its useful life, and a regular repair and replacement program is necessary to ensure the continued functioning of the storm drainage network during storm events in order to prevent flooding and property damage.

This program provides for the regular replacement of storm sewer mains, catch basins, and end walls (with their associated outfalls). Particular attention will be paid to the approximate 11 miles of corrugated metal pipes and plate arch culverts that have deteriorated more quickly than other materials. Associated master plans include the Watershed Management Plan and the Stormwater System Plan.

- Dumbarton Culverts (\$3,000,000)
- Stormwater Mains rehabilitation/ replacement program (\$1,000,000)
- Four Mile Run Maintenance Capital program (\$500,000)
- Stormwater Frames and Covers (\$250,000)
- Manhole & Catch Basin Rehabilitation (\$250,000)
- Terra Cotta/ Corrugated Metal Pipe Upgrades (\$205,000)
- Floodplain Channel & Split Stream Maintenance (\$100,000)
- Maintenance of Detention Vaults & Overland Relief (\$100,000)
- Sidewalk Underdrains (\$50,000)

Stormwater Infrastructure Capacity Improvements \$890,000

The Stormwater Infrastructure Capacity Improvements program addresses infrastructure improvements to the stormwater sewer system. The County's stormwater capacity system was predominantly planned and built prior to the adoption of stormwater regulations and standards that more consistently and appropriately addressed the effects of increased impervious areas and risks associated with intense rainfall events and urban flooding. Improvements are designed and executed on watershed, localized, and parcel-based scales to 1) mitigate flood risks; 2) maintain system infrastructure in a state of good repair; 3) install tertiary system elements; 4) construct drainage projects where under capacity; 5) develop overland relief; 6) advance climate adaptation and resiliency goals; and 7) otherwise implement the adopted Stormwater Master Plan and underlying studies.

- Langston Boulevard Culvert at N. Sycamore (\$440,000)
- Flood Risk Reduction Programs and Capacity Improvements (\$150,000)
- Flood resiliency design and construction guidelines manual (\$150,000)
- Capacity project planning studies (\$150,000)

Streams and Water Quality \$1,590,000

This program addresses regulatory requirements and policy objectives to reduce stormwater pollution, rehabilitate and restore natural infrastructure, and promote environmental recovery and

restoration in the County’s stream valleys which have been impacted by stormwater runoff from the County’s increases in impervious surfaces.

Arlington County exceeded the five percent Bay cleanup pollution reduction requirement for the permit cycle that ended in June 2018. The current permit cycle (ending in CY 2026) requires a cumulative 40 percent pollution reduction, with the subsequent permit requiring the full 100 percent reduction. Progress to date has been made through public investments in green infrastructure and stream restoration, water quality credit from redevelopment activity regulated under the Stormwater Management Ordinance, and programmatic efforts such as street sweeping.

Increased program drivers to repair eroded streams and failed stormwater outfalls emerged from the July 8, 2019, extreme flooding event. Also, continued increases in impervious surfaces from land development activity (both regulated and unregulated) add to the mitigation pressures on the program. In FY 2022, DES enhanced Land Disturbance Activity (LDA) requirements with the LDA 2.0 initiative to require further mitigation of runoff impacts related to development.

- Gulf Branch & Walter Reed Green Streets (\$540,000)
- Green Streets and Infrastructure Program (\$375,000)
- Water Quality Project Feasibility & Concept Design (\$150,000)
- Outfall Rehabilitation Program (\$475,000)
- Post-construction capital maintenance for Ballston Pond Watershed Retrofit (\$20,000) and Donaldson Run Tributary B Stream Restoration (\$30,000)

TOTAL STORMWATER BUDGET **\$7,935,000**

STORMWATER CAPITAL PROJECTS FUND
FUND STATEMENT*

	FY 2023 ACTUAL*	FY 2024 REVISED	FY 2024 RE-ESTIMATE	FY 2025 PROPOSED
ADJUSTED BALANCE, JULY 1	-	\$3,892,067	\$3,892,067	\$2,000,000
REVENUES:				
Grants	-	1,667,286	1,667,286	3,540,000
Interest	-	150,000	150,000	500,000
Misc. Revenue	-	-	-	-
TOTAL REVENUE	-	1,817,286	1,817,286	4,040,000
Transfers In (Out):				
Transfer In from Stormwater Management Fund	-	2,336,552	3,336,552	3,895,000
TOTAL TRANSFERS IN	-	2,336,552	3,336,552	3,895,000
TOTAL BALANCE, REVENUES AND TRANSFERS IN	-	8,045,905	9,045,905	9,935,000
EXPENDITURES:				
Capital Projects - Current Year	-	2,336,552	3,336,552	3,895,000
Capital Projects - Carry-Over**	-	3,709,353	3,709,353	4,040,000
TOTAL CAPITAL EXPENDITURES:	-	6,045,905	7,045,905	7,935,000
BALANCE, JUNE 30	-	\$2,000,000	\$2,000,000	\$2,000,000

*Prior to FY 2024, the Stormwater capital expenditures were budgeted and accounted for within the Stormwater Management Fund (a combined operations and capital projects fund). With the adoption of the stormwater utility in FY 2024, the stormwater management fund was separated into an operating fund and a Pay-As-You-Go capital projects fund.

**Most capital projects span multiple years, from design to construction completion. The FY 2023 Actual and FY 2024 Re-Estimate columns reflect that funding for capital projects are carried forward each fiscal year, and ending balances fluctuate, reflecting the carryover of these funds. The FY 2025 Proposed Budget column is presented similarly to the planned execution of projects in the fiscal year. These are the staff's best estimates based on preliminary plans and design and construction schedules.

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