

CITY OF ALEXANDRIA

**PROPOSED**

**CAPITAL IMPROVEMENT**

**PROGRAM**

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**FISCAL YEAR 2023-2032**



CITY OF ALEXANDRIA, VIRGINIA  
PROPOSED FY 2023 – FY 2032  
CAPITAL IMPROVEMENT  
PROGRAM

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assistance in the preparation of this budget document.





GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished  
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**July 01, 2021**

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The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to the City of Alexandria, Virginia for its annual budget for the fiscal year beginning July 2021.

In order to receive the award, a governmental unit must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan, and as a communications device.

The award is valid for a period of one year only. We believe our current budget continues to conform to program requirements, and we are submitting it to the GFOA to determine eligibility for another award.

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CITY OF ALEXANDRIA, VIRGINIA



# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview

## PROPOSED CIP OVERVIEW

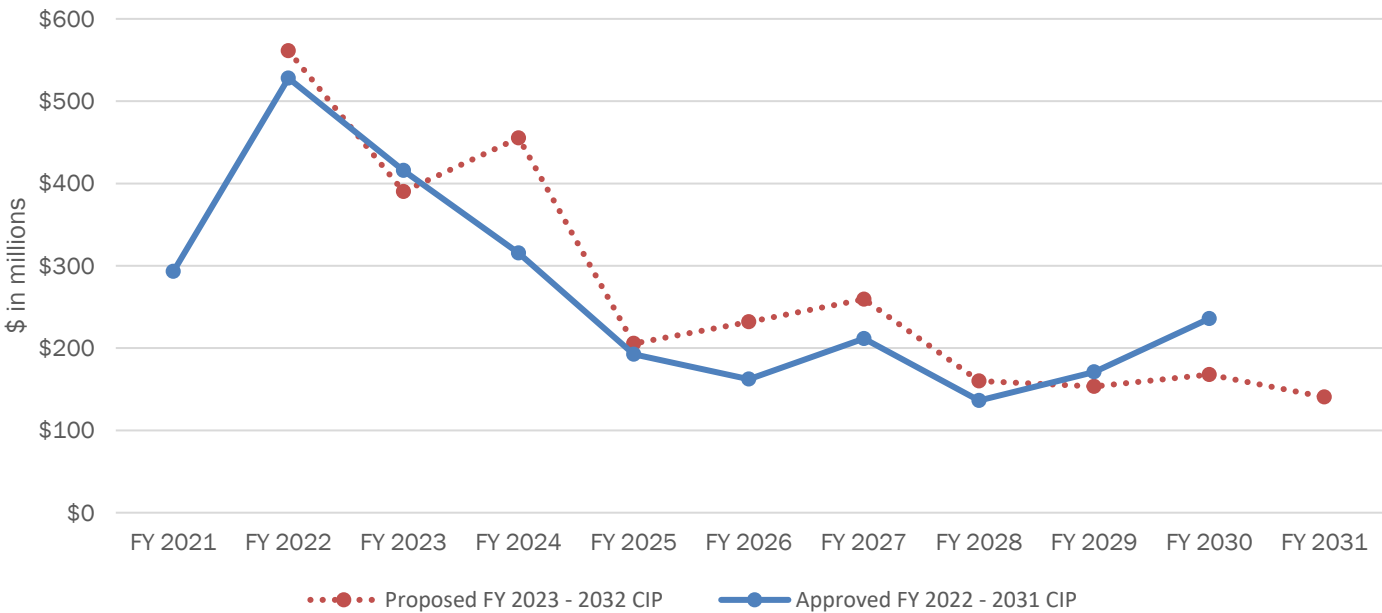
The City Manager Proposed FY 2023 - FY 2032 Capital Improvement Program (CIP) totals \$2.73 billion, which represents a \$63.5 million, or 2.4%, increase from the Proposed FY 2022 – FY 2031 CIP. The increase is largely driven by newly Proposed or anticipated State and Federal grants.

The Proposed CIP maintains the reserved 2.2 cents on the base real estate tax rate for the continuation of the City’s Transportation Improvement Program (TIP) Proposed by City Council beginning in FY 2012 to support capital infrastructure needs and new operating costs associated with new transportation capital projects.

The Proposed CIP reflects the one percent increase in the restaurant meals tax (from 4% to 5%) that was approved by City Council beginning in FY 2019 and was dedicated to investments in Affordable Housing. For FY 2023 this equates to \$4.9 million and over the 10-year plan, this represents a \$53.7 million additional investment in Affordable Housing.

The City Manager Proposed FY 2023 - FY 2032 CIP represents a continued commitment and investment to numerous areas of critical City infrastructure, including increased investments in school facilities, maintenance of existing City assets and facilities, and continued substantial support of WMATA’s capital improvement program. Each of these investments are discussed in greater detail on the following pages.

### Last Year's CIP Compared to Approved CIP



## CITY OF ALEXANDRIA, VIRGINIA

# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview



## Supporting the City Strategic Structure

The City Manager Proposed FY 2023 - FY 2032 CIP supports the City's strategic plan and structure. In the Proposed FY 2023 – FY 2032 Capital Improvement Program document, each individual project provides information on the primary City Strategic Theme that the project supports. By supporting these Strategic Themes, the City ensures that capital investments are being prioritized and balances the future capital infrastructure needs in the City with available resources. The currently adopted strategic plan is nearing its expiration date and a new plan is currently under development.

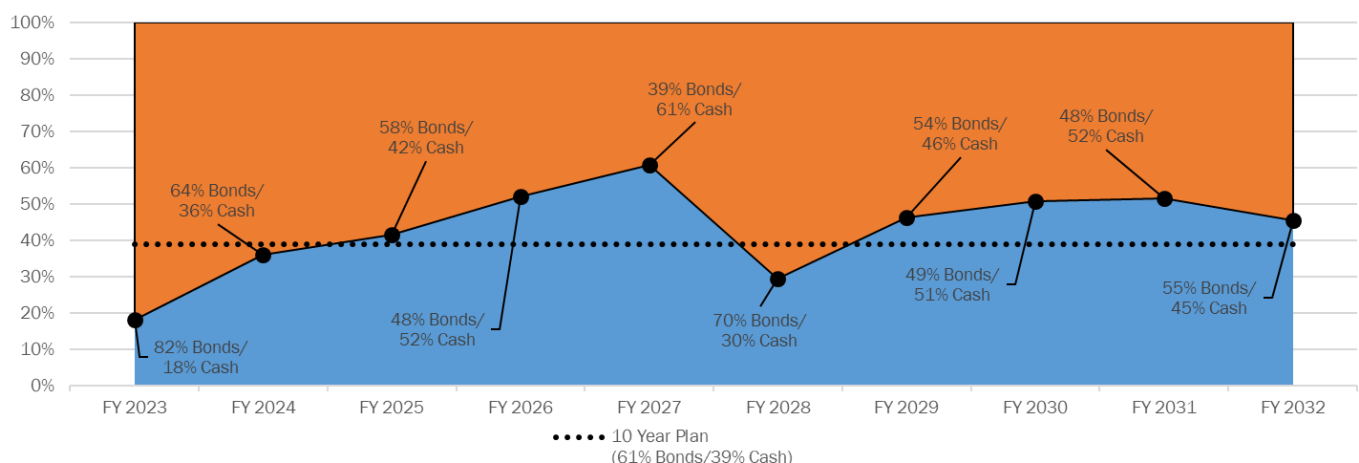
## Diversity of Capital Improvement Program Funding

The funding makeup of the City's capital program is growing increasingly diverse each year. To help organize this complexity (which also brings new opportunities), the Proposed FY 2023 – FY 2032 CIP divides revenue sources into three different types as noted below, with the table on the next page providing more detailed information.

- **Unrestricted City funds (\$1.705 billion)** - Includes general cash sources and General Obligation Bond revenues for the base CIP program.
- **Restricted City funds (\$589.1 million)** - Includes both cash and General Obligation Bond revenues associated with the Sanitary Sewer Fund, Stormwater Management Fund, Transportation Improvement Program, and other targeted sources. Because these restricted revenues all have legal restrictions on their available uses, it is beneficial to discuss financing issues with them separately.
- **Non-City funds (\$430.7 million)** generally include State and Federal grants (including NVTa funding), private developer capital contributions, and revenues from the City's telecommunication financial agreement with Comcast. These revenues are also restricted in their use.

The City's financing plan has a 39% cash / 61% borrowing structure in this year's Proposed 10-year plan.

## Cash vs. Borrowing Sources



## CITY OF ALEXANDRIA, VIRGINIA

# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview



In municipal finance, there are no generally recognized specific mathematical benchmarks for cash capital funding. The bond rating agencies view of cash capital is positive, but the bond rating agencies do not set minimum threshold expectations. In general, the City considers having an overall CIP which is 25% cash capital from all cash sources as healthy. Therefore, the City's 10-Year CIP cash capital level of 38% exceeds the healthy level of 25%. Individual years may fluctuate percentage shares based on type and level of project funding for specific years. This reflects the City's commitment to both execute a large dollar volume of CIP projects, but at the same time also keep its debt at reasonable AAA/Aaa levels.

Revenues	Approved FY 2022 - FY 2031	Proposed FY 2023 - FY 2032	Difference
<b>Unrestricted</b>			
Cash Sources (Including G/F Transfer)	\$ 282,308,304	\$ 367,060,890	\$ 84,752,586
G.O. Bonds	\$ 1,451,119,129	\$ 1,318,177,160	\$ (132,941,969)
Use of CIP Designated Fund Balance	\$ 19,000,000	\$ 20,000,000	\$ 1,000,000
<b>Subtotal, Unrestricted City Revenues</b>	<b>\$ 1,752,427,433</b>	<b>\$ 1,705,238,050</b>	<b>\$ (47,189,383)</b>
<b>Restricted</b>			
Potomac Yard (Cash Sources)	\$ 2,425,500	\$ 2,546,500	\$ 121,000
Sanitary Sewer (Cash Sources)	\$ 64,670,000	\$ 84,105,100	\$ 19,435,100
Reprogrammed Project Balances (Sanitary)	\$ -	\$ 4,500,000	\$ 4,500,000
Stormwater Management (Cash Sources)	\$ 48,877,900	\$ 76,090,775	\$ 27,212,875
Stormwater Management (GO Bonds)	\$ 226,652,000	\$ 226,850,000	\$ 198,000
Use of Stormwater Fund Utility Balance	\$ 3,600,000	\$ 2,139,182	\$ (1,460,818)
Use of Stormwater Tax Dedication Fund Balance	\$ 1,765,000	\$ -	\$ (1,765,000)
Transportation Improvement Program (Cash Sources)	\$ 17,726,967	\$ 20,153,800	\$ 2,426,833
Meals Tax Dedication for Affordable Housing	\$ 55,772,000	\$ 53,718,000	\$ (2,054,000)
Landmark Redevelopment Supported Bonds	\$ 130,000,000	\$ 119,000,000	\$ (11,000,000)
<b>Subtotal, Restricted City Revenues</b>	<b>\$ 551,489,367</b>	<b>\$ 589,103,357</b>	<b>\$ 37,613,990</b>
<b>Non-City</b>			
NVTA 70%	\$ 77,200,000	\$ 75,000,000	\$ (2,200,000)
NVTA 30%	\$ 43,911,100	\$ 44,637,000	\$ 725,900
Other State and Federal Grants	\$ 196,983,437	\$ 308,708,671	\$ 111,725,234
Private Capital Contributions	\$ 37,500,000	\$ 1,400,000	\$ (36,100,000)
Comcast Revenues	\$ 2,000,000	\$ 961,000	\$ (1,039,000)
<b>Subtotal, Non-City Revenues</b>	<b>\$ 357,594,537</b>	<b>\$ 430,706,671</b>	<b>\$ 73,112,134</b>
<b>Total, All Revenue Sources</b>	<b>\$ 2,661,511,337</b>	<b>\$ 2,725,048,078</b>	<b>\$ 63,536,741</b>

## Notes:

1. The Proposed FY 2023 Capital Budget identifies \$458.5 million in projects that will be financed through borrowing. However, the City's next contemplated bond issuance may differ in size and timing, based on staff's analysis of the projected cash flow of existing on-going projects and through monitoring the schedules of newly planned projects. Additionally, future bond issuances will need to include the additional borrowing for these projects' cash flow needs in future borrowings (approximately \$204 million).

## CITY OF ALEXANDRIA, VIRGINIA

# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview



## Project Categorization

The Proposed FY 2023 – FY 2032 CIP addresses four broad areas of expenditure:

- Protection of the City's investment in existing public facilities and infrastructure (physical assets) through capital maintenance or renovations;
- Planning and construction of major new public facilities and infrastructure, including new or replacement information technology systems;
- Planning and construction of major infrastructure related to the City's stormwater management systems; and
- Alexandria City Public Schools capital infrastructure needs.

The Proposed FY 2023 – FY 2032 CIP is consistent with capital plans from recent years in that it places a emphasis on maintaining the existing core facilities and infrastructure of the City, while utilizing new funding to provide support for projects that will provide new and expanded City facilities.

<b>Project Category</b>	<b>Total FY 2023 - 2032</b>
Category 1 - Asset Maintenance	\$ 883,915,088
Category 2 - Renovations/Existing Assets	\$ 319,322,800
Category 3 - New Facilities	\$ 733,218,371
Alexandria City Public Schools (Category 1, 2, & 3 Projects)	\$ 497,804,800
Information Technology Plan	\$ 103,971,262
Affordable Housing	\$ 76,218,000
CIP Development & Implementation Staff	\$ 110,597,757
<b>Total, All Categories</b>	<b>\$ 2,725,048,078</b>

Similar to FY 2022, the Office of Management and Budget (OMB) categorized projects into one of three categories, as well as Alexandria City Public Schools (ACPS) funding, the City's Information Technology (IT) Plan, CIP Development & Implementation Staff, and Affordable Housing. The distribution of funding across the different categories is shown above. Categories are defined as follows:

- **Category 1: Asset Maintenance** – funding streams that cover an ongoing maintenance need for an existing City asset;
- **Category 2: Renovations/Existing Assets** – specific large renovation or restoration projects that are necessary cyclically or periodically, but can be scheduled for a specific time period. These projects also pertain to existing City assets;
- **Category 3: New Facilities** – projects that result in a new or expanded facility or level of service and can be scheduled;
- **Alexandria City Public Schools (ACPS)** – represents the total of all Proposed funding for ACPS;
- **Information Technology Plan** – projects included in the ten-year plan that are Information Technology focused;
- **Affordable Housing** – represents the funding dedicated to Affordable Housing projects through the one percent increase in the restaurant and meals tax averaging about \$5.4 million per year, and the \$1 million per year for

## CITY OF ALEXANDRIA, VIRGINIA

# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview



Affordable Housing that the City committed to as part Northern Virginia's efforts to attract the Amazon HQ2 campus to the Alexandria-Arlington area; and

- **CIP Development & Implementation Staff** – funding for City staff that are working directly on implementing capital projects that are charged to the CIP.

Beyond basic capital maintenance issues, the Proposed CIP reflects a vision for the City's future. The FY 2023 CIP decision making process included an initial effort to integrate the capital plan with City Council's guidance, the Strategic Plan and budget guidance, and many of these projects are considered new facilities, or Category 3 projects. Of the \$733.2 million in Category 3 projects, \$227.8 million (from both City and non-City sources) is for new and expanded transportation and transit infrastructure projects, including construction of the Beauregard/West End Transit Corridor, Duke Street Transit Corridor, and the DASH Facility and Fleet Expansion project.

Other significant Category 3 projects include:

- Funding for capital infrastructure improvements associated with the Waterfront Plan Implementation (\$83.2 million);
- Funding to renovate Four Mile Run Park (\$17.4 million); and
- Funding to purchase and outfit the City West End Service Center, which will collocate and consolidate the City's public health and human services, and provide additional City services to residents in the West End (\$73.2 million).



## CITY OF ALEXANDRIA, VIRGINIA

# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview



## CIP PURPOSE & DEFINITIONS

The adoption of the CIP by the City Council is an indication of its support of both the capital projects that the City intends to pursue, and a plan for the anticipated levels of financing needed to fund these capital projects over the 10-year period.

The adoption of the 10-year CIP is neither a firm commitment to a particular project nor a limitation to a particular cost. As a basic tool for prioritizing and scheduling anticipated capital projects and capital financing, the CIP is a key element in planning and managing future debt service requirements. Only the first year of the CIP represents a funding commitment for the project to proceed to the next stage, or to be implemented depending on the level of funding provided.

The City defines capital project expenditures (as opposed to an operating expenditure) as:

***An expenditure of more than \$10,000 that acquires, expands, repairs, or rehabilitates a physical asset with a useful life of at least three years and typically much longer than three years. These also include technology related expenditures.***

It does not include day-to-day maintenance expenditures such as custodial or janitorial services, minor (less than \$10,000) carpentry, minor electrical and plumbing repairs, or repair or routine replacement of fixtures or furniture.

### CIP Priorities for FY 2023 – FY 2032

The Proposed FY 2023 – FY 2032 CIP is largely consistent with- and follows the guidelines outlined during the development of the Proposed FY 2022 – FY 2031 CIP. These guidelines included:

- Using the previously Proposed CIP as the “base” for the Proposed FY 2023 – FY 2032 CIP;
- Incorporating City Council guidance and policy directions into the plan;
- Accommodating off-cycle budget decisions made, like the purchase of the 1705 N. Beauregard Office Building and the inclusion of an aquatics facility as part of the High School project for ACPS;
- Working to align projects with the City’s Strategic Plan and City Manager’s budget priorities;
- Preserving and maintaining the City’s existing physical assets;
- Addressing ACPS capital needs; and,
- Addressing Washington Metropolitan Area Transportation Authority (WMATA) capital requests.

## CITY OF ALEXANDRIA, VIRGINIA

# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview



## Development of Proposed CIP

The development of the Proposed FY 2023 – FY 2032 CIP began in June 2021, with the submission of project information and funding requests by departments. The Proposed CIP represents an 'on-year', where all projects are reevaluated for timing, cost, and scope. Additionally, new projects were able to be submitted for consideration.

Project submission forms were due in mid-September 2021.

During the fall of 2021, the CIP Steering Committee began meeting to discuss and make recommendations on the development of the CIP. The committee is responsible for recommending the project composition and funding levels of the Proposed CIP to the City Manager. This committee consists of members of the City Manager's Office and the department heads of the most capital project intensive departments in the City. For the FY 2023 – FY 2032 CIP Development process, the committee included department heads from the Department of General Services; Recreation, Parks & Cultural Activities; the Department of Transportation & Environmental Services; the Department of Information Technology Services; the Department of Project Implementation; and the Department of Planning & Zoning. The Steering Committee is chaired by a Deputy City Manager and coordinated through the Office of Management and Budget (OMB).

Additionally, during the fall of 2021, City staff held three CIP worksessions with City Council to provide additional time to deliberate on capital needs and discuss some of the major projects and policy issues facing the City's capital program. These worksessions included a Joint City Council/School Board session to discuss the Schools' capital needs.

The CIP Steering Committee met throughout fall 2021/winter 2022 to craft a CIP recommendation for the City Manager and to outline major policy issues facing the CIP. The committee presented its recommendations to the City Manager in January 2022. Subsequently, the City Manager worked with OMB to finalize the project composition and funding levels recommended in the Proposed FY 2023 – FY 2032 CIP for presentation to City Council on February 15, 2022.

## CITY OF ALEXANDRIA, VIRGINIA

# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview

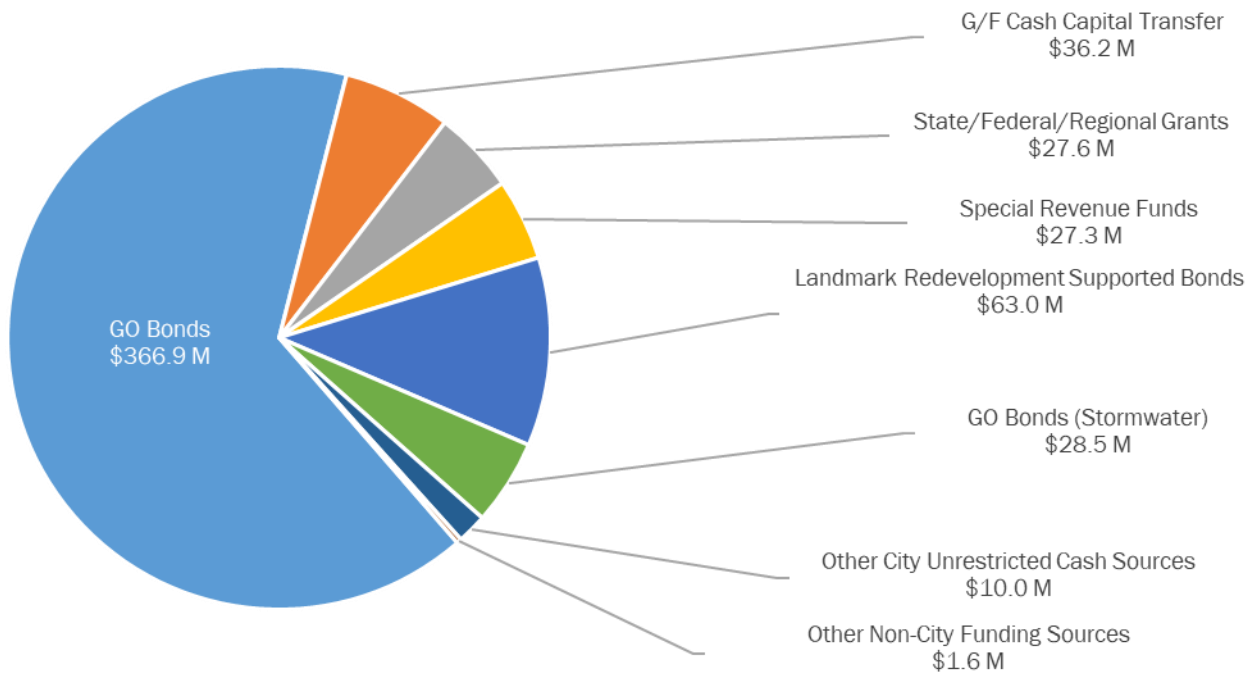


## FY 2023 PROPOSED CIP SOURCES AND USES

### FY 2023 Capital Year Budget Revenues (Sources)

The total Proposed single year capital budget for FY 2023 is \$561.2 million; a \$33.3 million increase from FY 2022 in last year's Approved CIP, which is largely attributable to increases in the Schools' capital program for FY 2023. **A listing of all revenues included in the FY 2023 – FY 2032 CIP including the FY 2023 Capital Year Budget can be found in the Summary Funding Tables section of the Full CIP Document.**

### FY 2023 Capital Budget Revenues \$561.2 million



## CITY OF ALEXANDRIA, VIRGINIA

# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview



Revenue highlights of the Proposed FY 2023 Capital Year Budget expenditures include:

- FY 2023 revenues are split between borrowing (82%) and cash sources (18%). In municipal finance, there are no generally recognized specific mathematical benchmarks for cash capital funding. In general, having an overall CIP which is 25% cash capital from all cash sources over time is considered healthy. While FY 2023 does not meet this threshold, the overall capital plan has a split of 61% borrowing sources and 39% cash sources.
- The General Fund Cash Capital Transfer (excluding dedicated TIP cash capital) amount is \$34.3 million, or 4.1% of General Fund Expenditures. In January 2015, City Council set a target of 2.5%, and a minimum of 2.0% (which would have been equal to \$16.6 million).
- The Proposed CIP continues to reflect the one percent increase in the restaurant and meals tax that was Proposed by City Council beginning in FY 2019 and was dedicated to investments in Affordable Housing. This dedication totals \$4.9 million in FY 2023.
- The Proposed FY 2023 CIP includes \$9.0 million in revenue from the Stormwater Utility fee in FY 2023 and \$28.5 million in GO Bonds, backed by Stormwater Utility fee revenue. Additionally, the Proposed FY 2023 capital budget includes the use of Stormwater Utility fund balance (\$2.1 million). The Proposed FY 2023 capital budget continues to reflect the increased investment in flood mitigation and stormwater infrastructure recommended to City Council in January 2021.
- Non-City revenue sources, including Comcast revenues, State/Federal grants and Northern Virginia Transportation Authority (NVTa) revenues total \$29.2 million.

## CITY OF ALEXANDRIA, VIRGINIA

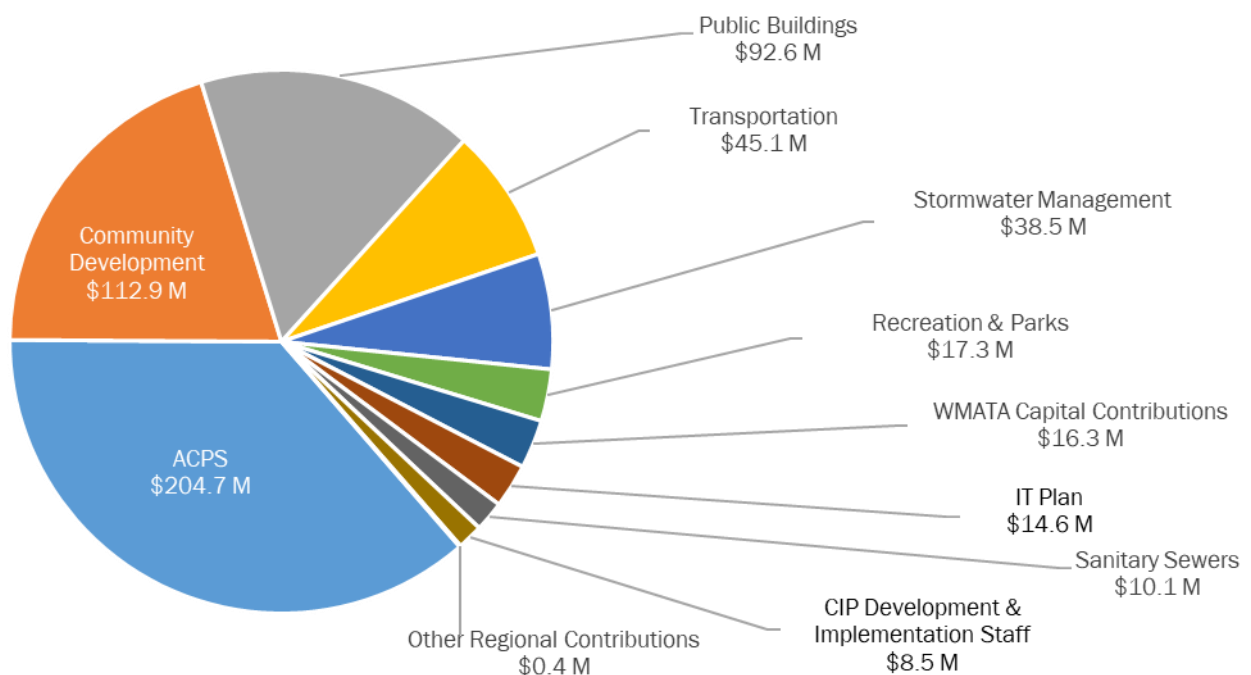
# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview



## FY 2023 Capital Year Budget Expenditures (Uses)

The total Proposed single year capital budget for FY 2023 is \$561.2 million; a \$33.3 million increase from FY 2022 in last year's Approved CIP, which is largely attributable to increases in the Schools' capital program for FY 2023. **A listing of all projects included in the FY 2023 – FY 2032 CIP, including the FY 2023 Capital Year Budget, can be found in the Summary Expenditure Tables section of the full CIP document.** The chart below and the narrative below detail only FY 2023 Capital Year Budget highlights by CIP document section.

### FY 2023 Capital Budget Expenditures \$561.2 million



Project highlights of the Proposed FY 2023 Capital Year Budget expenditures include:

- **Alexandria City Public Schools (\$204.7 million FY 2023 Capital Year Budget)**
  - The Proposed FY 2023 – FY 2032 CIP includes funding for 100% of funding requested by the School Board as part of the regularly scheduled budget process (\$497.8 million). For FY 2023 the Proposed CIP reflects funding for all ACPS identified capacity and non-capacity needs, identified at the time of budget adoption.
- **Transportation (\$61.4 million FY 2023 Capital Year Budget)**
  - \$16.3 million to support the WMATA Capital Improvement Program. This funding level reflects the impact of legislation passed by the Virginia General Assembly in 2018 to provide a dedicated funding stream for WMATA's capital improvement needs.

## CITY OF ALEXANDRIA, VIRGINIA

# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview



- \$7.1 million for Street Reconstruction and Resurfacing, which includes \$1.5 million in state grants to support street reconstruction and resurfacing. The planned investment will support the resurfacing of approximately 55 lane miles in FY 2023.
- \$9.5 million for bridge repairs and refurbishments. This includes \$2.5 million in repairs identified by the long-term bridge maintenance plan and assessment recently completed by the City, and \$7.0 million for the joint Alexandria-Arlington Four Mile Run Bridge Program cost sharing agreement, which supports the repair and replacement of the five-bridge inventory connecting the two jurisdictions over Four Mile Run.
- \$4.0 million to continue work on the Beauregard/West End Transit Corridor (Transit Corridor “C”).
- \$5.9 million to support DASH Bus Fleet Replacement and Electrification.
- **Recreation and Parks (\$17.3 million FY 2023 Capital Year Budget)**
  - \$5.6 million for improvements to Windmill Hill Park.
  - \$1.5 million to begin planning and design for renovations to the Old Town Pool.
  - \$1.5 million for capital maintenance of parks, playgrounds, recreation centers, and other public spaces.
  - \$0.6 million for the renovation and maintenance of trees planted along City Streets, in parks, and on school grounds and other public properties.
  - \$0.5 million to continue the study and planning of the Torpedo Factory Revitalization efforts.
- **Public Buildings (\$92.6 million FY 2023 Capital Year Budget)**
  - \$73.2 million to outfit and purchase the new DCHS/Health facility which will include a new West End Service Center.
  - \$12.1 million for space for collocated City services at the ACPS High School Project (Minnie Howard Campus).
  - \$2.7 million for a portion of identified maintenance and repair projects, as part of the City’s Capital Facilities Maintenance Programs (CFMPs).
- **Information Technology Plan (\$14.6 million FY 2023 Capital Year Budget)**
  - \$7.5 million in investments in Public Safety Systems, including \$3.8 million in radio system infrastructure for the City’s radio system that serves Police, Fire, T&ES, RPCA, ACPS and other City departments, and \$1.1 million to begin work on a joint Computer Aided Dispatch (CAD) system replacement with Arlington County.
  - \$2.1 million to invest in the City’s court records system (AJIS).
  - \$5.1 million is budgeted to maintain the City’s IT infrastructure, with \$1.0 million of those costs offset by Comcast revenue earmarked for specific network infrastructure improvements.

## CITY OF ALEXANDRIA, VIRGINIA

# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview



- **Sanitary Sewers (\$10.1 million for FY 2023 Capital Year Budget)**
  - FY 2023 funding maintains the portions of the Sanitary Sewer system under the City's responsibility, along with supporting AlexRenew's efforts to construct Combined Sewer Outfall (CSO) overflow mitigation projects. In 2018, the City entered into an agreement with Alexandria Renew Enterprises (AlexRenew) to transfer ownership of the CSOs, along with responsibility for constructing and financing infrastructure to mitigate CSO overflows.
- **Stormwater Management (\$38.5 million FY 2023 Capital Year Budget)**
  - The proposed FY 2023 capital budget continues to reflect the increased investment in flood mitigation and stormwater infrastructure recommended to City Council in January 2021. This includes:
    - \$26.4 million for major capacity improvements to address flooding at the intersection of Commonwealth Avenue and East Glebe Road and Ashby Street and East Glebe Road.
    - \$5.9 million for Storm Sewer System Spot Improvement projects
    - \$1.3 million for inspection, cleaning, and repair of existing stormwater infrastructure
    - \$0.9 million to continue Stream & Channel Maintenance projects
    - \$0.8 million to continue the Floodproofing Grant Program to assist private property owners with efforts to mitigate flooding impacts
- **Community Development (\$112.9 million FY 2023 Capital Year Budget)**
  - \$8.4 million for investments in Affordable Housing. This includes \$4.9 million in funding from the restaurant and meals tax dedication Proposed by City Council in 2018, an additional \$1 million committed to Affordable Housing by the City as part of the region's efforts to attract the Amazon HQ2 campus to Northern Virginia, and \$2.5 million of funds received by the City as part of the American Rescue Plan Act (ARPA).
- **Other Regional Contributions (\$0.4 million FY 2023 Capital Year Budget)**
  - \$0.44 million in capital improvements for the Northern Virginia Regional Parks Authority (NVRPA).



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# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview



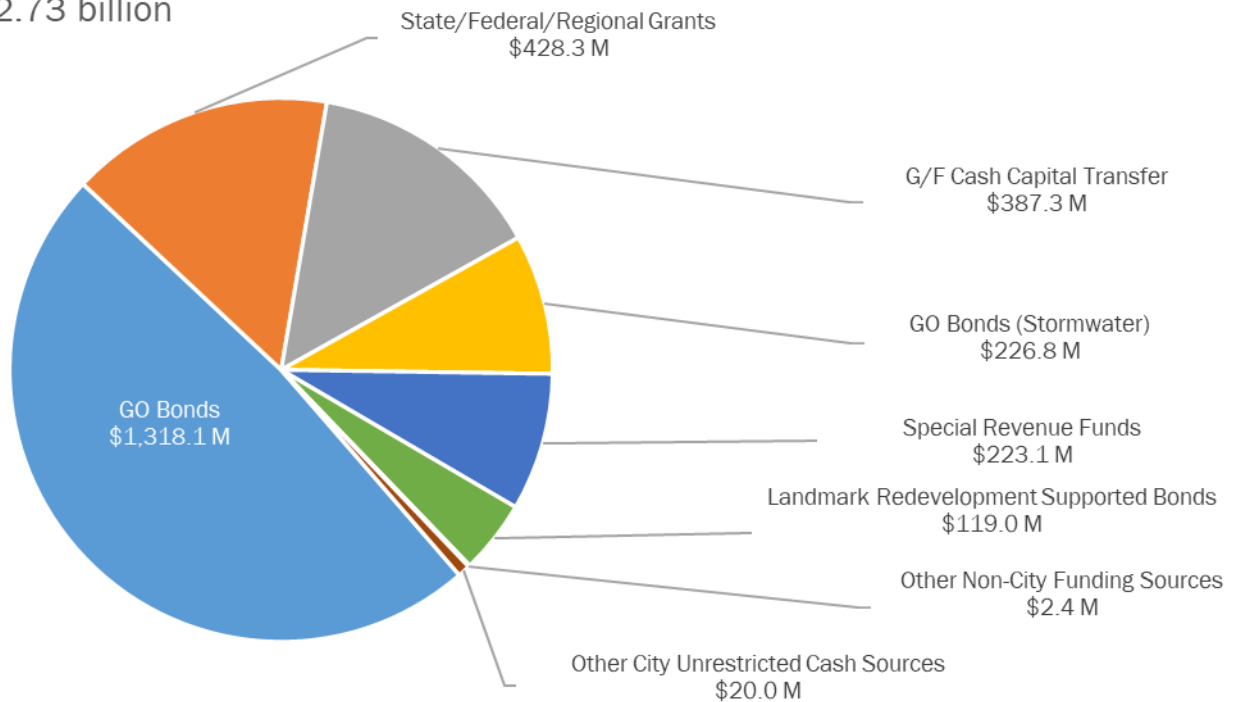
## FY 2023 – FY 2032 PROPOSED CIP SOURCES AND USES

### FY 2023 – FY 2032 Capital Improvement Program – Ten-Year Sources and Uses Overview

The total Proposed CIP for FY 2023 – FY 2032 is \$2.73 billion, a \$63.5 million increase from last year's Proposed CIP. This represents a 2.4% increase over last year's plan, which is largely attributable to increased amount of approved or contemplated state, federal, and regional grants for transportation projects. **A listing of all funding sources included in the FY 2023 – FY 2032 CIP can be found in the Summary Funding Tables section of the full CIP document.** The narrative below provides only highlights of the 10-year plan revenues and expenditures.

### FY 2023 - FY 2032 CIP Revenues

\$2.73 billion



## CITY OF ALEXANDRIA, VIRGINIA

# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview

**FY 2023 – FY 2032 CIP Revenue (Sources) highlights include:**

- Continued use of Northern Virginia Transportation Authority (NVTA) for both regional (Transit Corridor “C” – West End Transitway) and local (DASH bus replacements) projects. A total of \$129.6 million is budgeted from NVTA sources in the FY 2023 – FY 2032 Proposed CIP.
- The General Fund Cash Capital Transfer is above the City Council adopted target of 2.5% of General Fund expenditures annually, averaging 3.7% over the ten-year plan. The percentage as it relates to total General Fund expenditures in FY 2023 is 4.1%.
- The Proposed CIP reflects the one percent dedication of the restaurant meals tax to investments in Affordable Housing. This dedication, along with additional committed funds, totals \$63.7 million over the 10-year plan.
- Private capital contributions supporting capital infrastructure projects throughout the City totals \$2.4 million.
- Stormwater Utility Fees will provide an estimated \$76.1 million in cash funding for the Proposed CIP and an additional \$226.9 million in utility fee backed GO Bonds.
- State and federal grant sources provide \$281.9 million over the 10-year plan to support investments in the City’s transportation infrastructure, including improvements to streets, bridges, and intersections (\$63.7 million), public transit (\$111.5 million), and the City’s Smart Mobility Program (\$16.5 million).

## CITY OF ALEXANDRIA, VIRGINIA

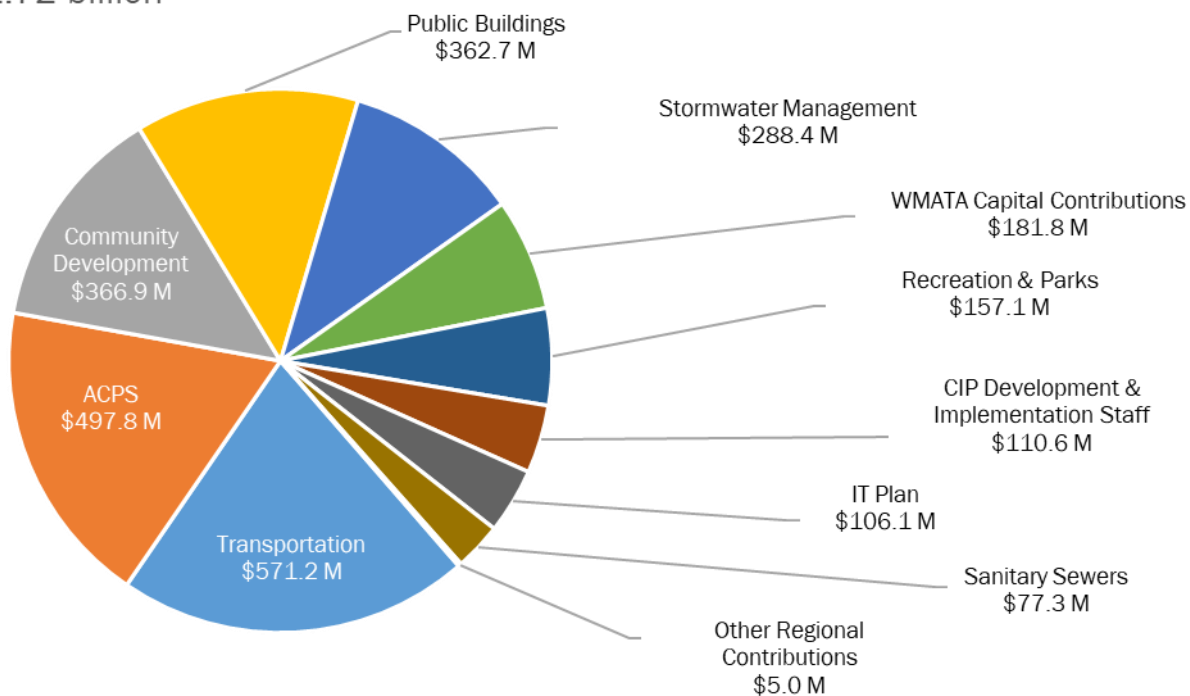
# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview



**FY 2023 – FY 2032 CIP Project (Uses) highlights include:**

## FY 2023 - FY 2032 CIP Expenditures

\$2.72 billion



- The City Manager Proposed CIP provides \$497.8 million for Schools capital projects. This provides funding for 100% of the School Board's Proposed CIP request adopted in December 2021.
- The Proposed CIP includes \$203.3 million to fund the City's Capital Facility Maintenance Programs (CFMPs) and other major renovations (i.e. City Hall).
- Stormwater funding totals \$288.4 million and is inclusive of the expanded and accelerate work program to address flood mitigation and stormwater infrastructure that was presented to City Council in January 2021.
- Funding for the Waterfront Plan and to construct flood mitigation infrastructure, totaling \$83.2 million. As the City continues to refine scope and design for this project, it is likely that the funding for this project will need to be revisited.
- Funding for implementation of the Transit Corridor "C" – West End Transitway totals \$66.2 million in the ten year plan.
- Funding to continue the City's Street Reconstruction and Repaving program totals \$63.4 million over the ten year plan.
- DASH Bus Fleet Replacements total \$105.0 million over the ten-year plan, which will allow DASH to begin electrification of the bus fleet.
- WMATA capital funding totaling \$181.8 million. This capital support includes the City's local match required as part of the recently enacted State dedicated funding. This amount does not include the planned use of NVTC proceeds from State and gas tax funding which the City will use to offset some of the capital costs.

## CITY OF ALEXANDRIA, VIRGINIA

# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview

## DEBT RATIOS, CASH CAPITAL, & DEBT SERVICE



The Proposed FY 2023 – FY 2032 Capital Improvement Program assumes borrowing in the amount of \$1.67 billion to fund the capital infrastructure needs identified throughout this document. Included in that amount are \$226.9 million in bonds for Stormwater Management projects backed by the Stormwater Utility and \$119 million to fund land acquisition and infrastructure investments to support redevelopment at the Landmark Mall site. A total of \$1.32 billion in bonds are planned over the ten years for other City projects, including Alexandria City Public Schools capital infrastructure needs (borrowing comprises \$474.2 million of future ACPS capital costs in the ten-year plan, primarily associated with school capacity projects).

While the ten-year CIP includes additional borrowing, the plan also assumes the re-payment of \$969.4 million in principal payments on prior year and planned bond issuances. Of this \$938.1 million in principal payments, \$89.0 million will be paid through Sanitary Sewer fees, Stormwater Utility fees, and Potomac Yard generated tax revenues. The debt service on the remaining bonds is paid back through the City's General Fund. This amount of debt planned is consistent with debt ratios that support the City's hard-earned AAA/Aaa bond ratings. Additional borrowing will impact the annual operating budget through increased debt service payments.

### City Council Approved Debt Ratios

City Council passed a set of debt-related financial policies on June 9, 1987. During FY 1998, the Budget and Fiscal Affairs Advisory Committee (BFAAC), a City Council appointed citizen committee, analyzed these debt-related financial policies, and examined the City's financial condition in comparison to other jurisdictions with superior credit ratings (other double-triple A rated jurisdictions). The BFAAC and the City manager recommended that City Council reaffirm the updated debt-related financial policies, incorporating BFAAC's recommended updates to the policies to establish a consistent set of appropriate relationships between debt targets and limits.

City Council reaffirmed its commitment to sound financial management and adopted the updated debt-related financial policies on December 9, 1997. City Council amended the policies on October 26, 1999, to allow priority consideration for an increase in the assignment of fund balance for capital project funding. On June 24, 2008, City Council adopted the City manager's recommendation, endorsed by BFAAC, to revise the target and limit upward, reflecting the ratio of debt as a percentage of total personal income.

As part of the FY 2018 – FY 2027 CIP, City Manager Proposed modifications to the City's Adopted Debt Ratios, endorsed by BFAAC, that (1) accommodate the City's current capital needs, (2) give the City the flexibility to meet future/unanticipated capital needs, and (3) maintain a fiscally moderate position for the City that is in line with regional comparators and what bond rating agencies would view as acceptable. The changes outlined as follows will continue to support the City's status as an AAA/Aaa bond rated jurisdiction.

## CITY OF ALEXANDRIA, VIRGINIA

# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview



Debt Ratio	City Council Changes Adopted Debt Management Policies		
	Target	Limit	Exclusions
Debt as a Percentage of Fair Market Real Property Value	Set by CIP	2.50%	Sanitary Sewer & Stormwater Debt
Debt Service as a Percentage of General Government Expenditures	Set by CIP	12.00%	Sanitary Sewer & Stormwater Debt
10-Year Debt Payout Ratio	65.00%	50.00%	Debt Issuances Specific to Assets with a 20+ year Useful Life

Staff recommended changes to the Debt as a Percentage of Real Property Value and Debt Service as a Percentage of General Government Expenditures policies after comparing the City's current policy and forecasted capital needs to the adopted policies and actual practices of relevant comparator jurisdictions. The ratios' limits were adjusted to a level that was sufficient to address anticipated future needs, provide additional capacity for unanticipated needs, remain compatible with each other, and avoid another adjustment in the near future, while being considered reasonable by the rating agencies. The methodology for selection of the proposed rate included review by the City's financial advisors.

The establishment of a 10-Year Debt Payout Ratio target of 50% formalizes the City's current practice of structuring debt with level principal payments. Highly-rated jurisdictions such as the City of Alexandria often structure debt using level principal payments.

**Each year of the 10-year plan stays within these limits** for the Debt as a Percentage of Fair Market Real Property Value, Debt Service as a Percentage of General Government Expenditures, and the 10-Year Debt Payout ratios.

## Planned FY 2023 Borrowing

The Proposed FY 2023 Capital Budget identifies the use of \$458.5 million in authorized borrowing to support critical investments in City facilities, School Facilities, and transportation and environmental infrastructure. The City's next contemplated bond issuance will differ in size and timing, based on staff's analysis of the projected cash flow of existing on-going projects and through monitoring the schedules of newly planned and appropriated projects. Additionally, future bond issuances will need to address borrowing deferred based on previous cash flow forecasts (approximately \$204 million). As such, the debt ratio projections on the following pages and the debt service expenditures included in the Proposed Operating Budget reflect a borrowing schedule that accounts for both previously deferred borrowing and the assumption that the cash-flow needs of newly appropriated project may not require all of their bond proceeds during FY 2023.

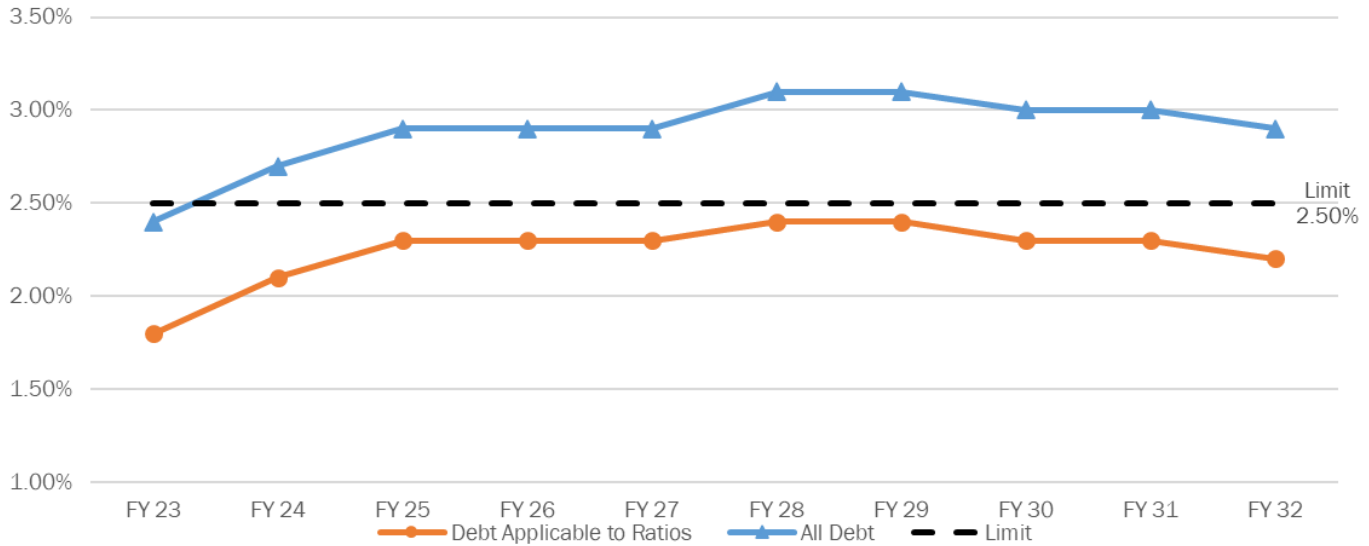
## CITY OF ALEXANDRIA, VIRGINIA

# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview



## Debt as a Percentage of Fair Market Real Property Value

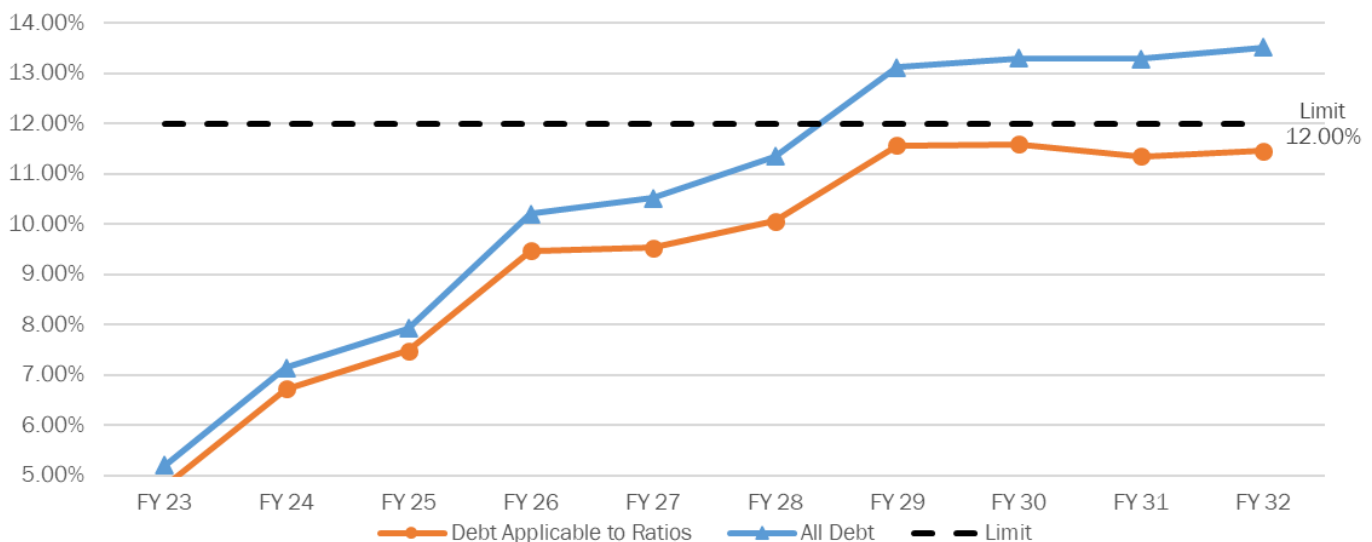
Limit = 2.50 percent; FY 2023 = 1.8 percent



This ratio indicates the relationship between the City's debt and the full value of real property in the City as assessed annually at fair market value. It is an important indicator of the City's ability to repay debt because real property taxes are the primary source of the City's revenues used to repay debt. A small ratio is an indication that the City will be better able to withstand possible future economic downturns and continue to meet its debt obligations. The City will be in compliance with this debt ratio for all 10 years of the plan.

## Debt Service as a Percentage of General Government Expenditures

Limit = 12.0 percent; FY 2023 = 4.8 percent



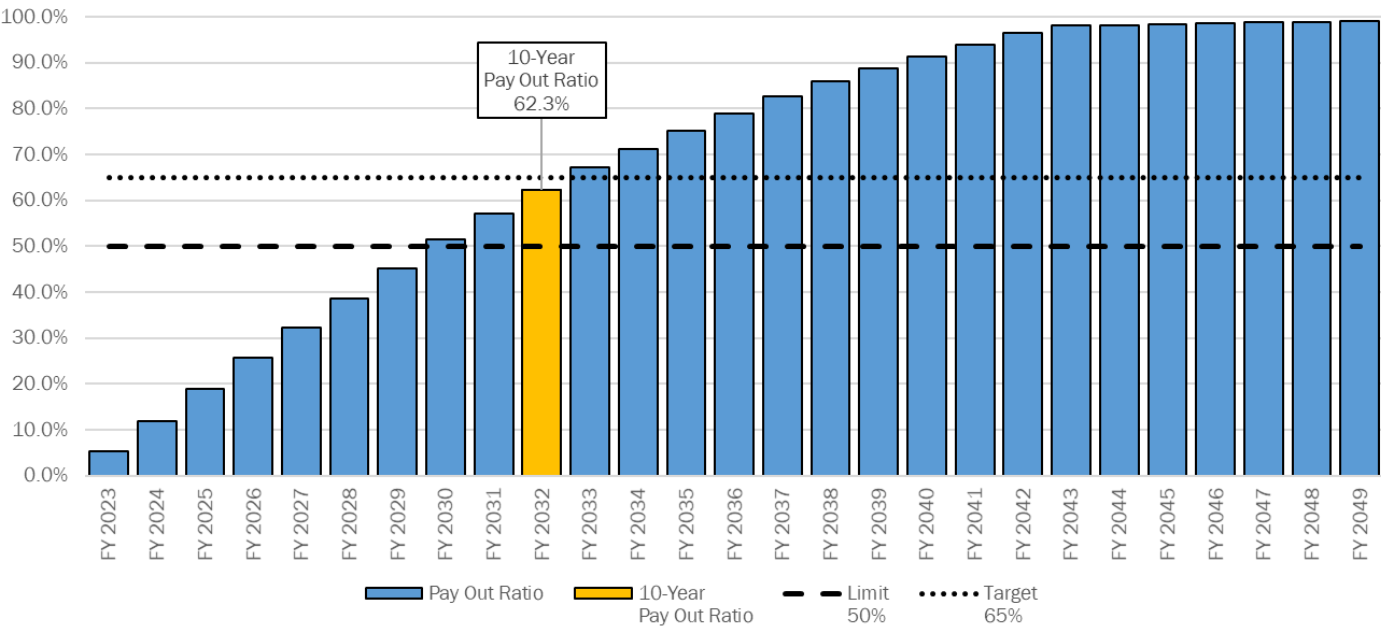
This ratio is a measure of the City's ability to repay debt without hampering other City services. A small ratio indicates a lesser burden on the City's operating budget. The City will be in compliance with this debt ratio for all 10 years.

CITY OF ALEXANDRIA, VIRGINIA



# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview

**10-Year Debt Payout Ratio**  
**Limit = 50.0 percent; Target = 65.0 percent; FY 2023 = 62.3 percent**



This ratio compares how much debt is structured to be paid off in a given period of time. A more aggressive repayment structure results in a higher ratio. The speed of the repayment of outstanding debt is one of the areas in which local governments are evaluated by the bond rating agencies. A payout ratio at or greater than 50 percent is typically viewed favorably and as best practice for municipal debt management.



CITY OF ALEXANDRIA, VIRGINIA



# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview

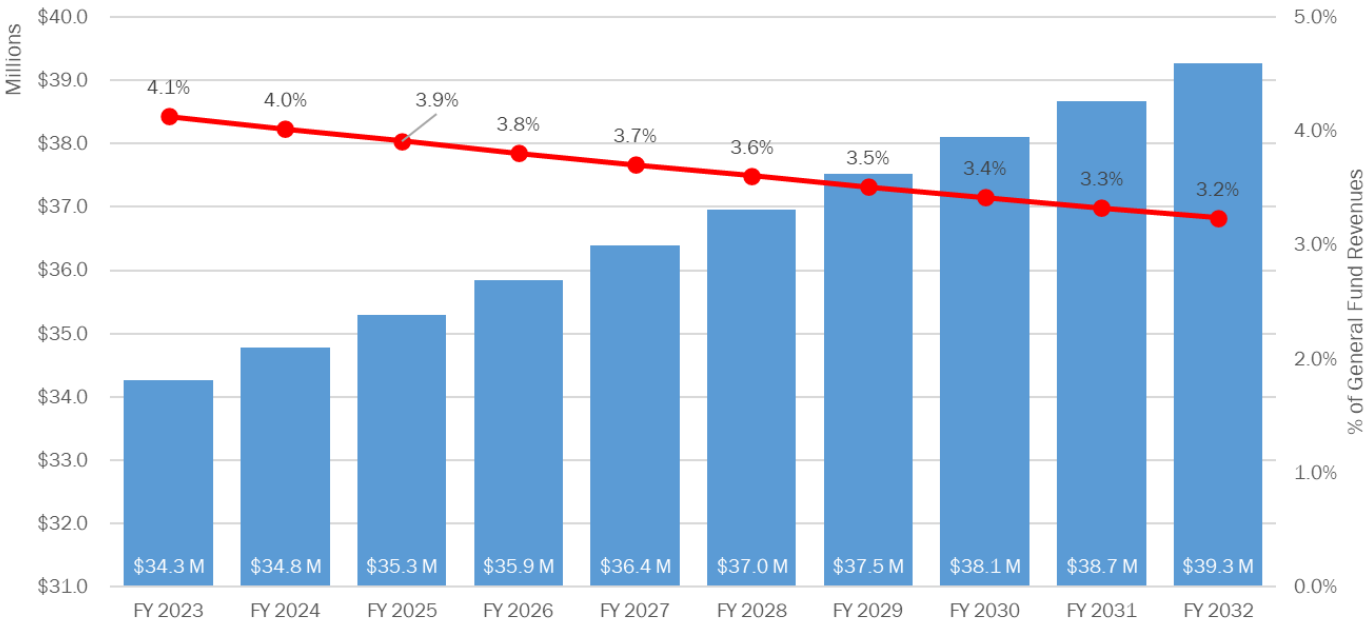
## General Fund Cash Capital Transfer

City Council adopted, in January 2015, a General Fund Cash Capital Transfer target of 2.5% and a “floor” of 2.0% of General Fund expenditures to support the CIP. Providing a minimum and a target helps ensure that cash capital will be maintained at a healthy level, while maintaining flexibility in setting budget priorities between the annual General Fund Operating Budget and annual cash capital transfer from the General Fund to the CIP.

This cash capital policy provides City staff the flexibility to develop sustainable and affordable General Fund support to the CIP through debt service paid on General Obligation Bonds and a recurring cash capital transfer supporting City Council capital infrastructure priorities in the ten-year CIP. Furthermore, this policy ties the cash capital closely to the General Fund, and allows cash capital to grow or decrease proportionally with the General Fund, while still providing the necessary resources to maintain the City's capital infrastructure. The Proposed 10-year CIP reflects a cash capital transfer equal to 3.7% of General Fund expenditures.

The chart below details the planned level of the General Fund Cash Capital Transfer in each year of the CIP along with the percentage of estimated General Fund expenditures comprised by the General Fund Cash Capital Transfer. The General Fund Cash Capital Transfer represents 34.6% of all cash sources used to finance the ten-year plan.

General Fund Cash Capital Transfer - FY 2023 - 2032



## CITY OF ALEXANDRIA, VIRGINIA

# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview

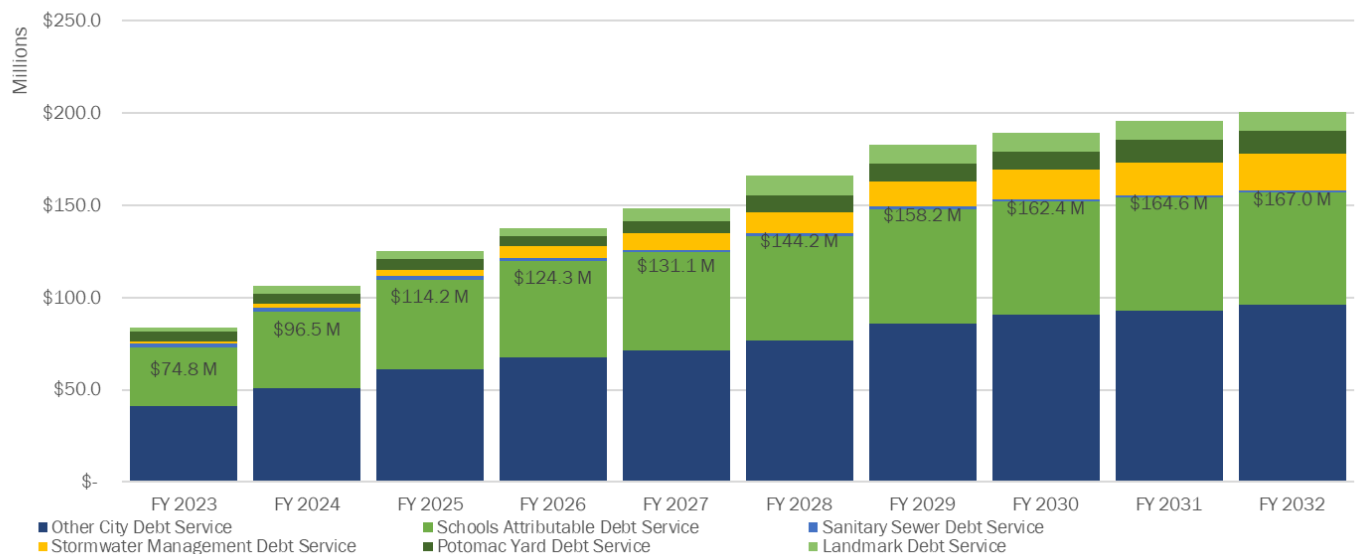


## Debt Service

While the City stays within fiscally prudent debt guidelines for General Fund supported projects, debt service payments will continue to grow in order to fund the debt service on previously issued and planned debt issuances. As debt service continues to grow (as evidenced in the chart below), and City revenues continue to experience minimal to moderate growth, the City will be facing a tax rate increase versus a capital/operating funding set of decisions. The chart below provides details on the projected debt service payments for both existing debt (issued through FY 2022) and planned debt (FY 2023 through FY 2032). It should be noted that the charts below accurately depict the large long term increase of debt service needed to fund currently planned projects, however near-term debt issuances (FY 2023 – FY 2025) will need to be further smoothed out by closely monitoring cash-flow needs or reconsidering project scopes and timing, to make year to year increases more sustainable.

Debt service is broken down into six categories – General Fund Supported Debt Service, Sanitary Sewer Debt Service, Stormwater Management Debt Service, Potomac Yard Debt Service (which is paid for by Potomac Yard generated tax and developer revenues), and Landmark Debt Service. In FY 2023, \$85.1 million is estimated for debt service payments, of which \$2.9 million will be paid from the Sanitary Sewer Fund and the Stormwater Utility enterprise funds.

### FY 2023 - 2032 Debt Service Attribution



Debt Service (\$ in millions)	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032
General Fund Supported Debt Service	\$74.8	\$96.5	\$114.2	\$124.3	\$131.1	\$144.2	\$158.2	\$162.4	\$164.6	\$167.0
Potomac Yard Debt Service	\$5.7	\$5.7	\$5.7	\$5.7	\$6.8	\$9.3	\$9.5	\$9.6	\$12.2	\$12.3
Sanitary Sewer Debt Service	\$1.8	\$1.8	\$1.7	\$1.5	\$1.4	\$1.5	\$1.6	\$1.5	\$1.3	\$1.3
Stormwater Management Debt Service	\$1.1	\$2.2	\$3.7	\$6.2	\$8.7	\$11.2	\$13.7	\$15.8	\$17.7	\$19.9
Landmark Debt Service	\$1.7	\$4.1	\$4.4	\$4.3	\$6.5	\$10.7	\$10.6	\$10.5	\$10.4	\$10.3
<b>Total Debt Service</b>	<b>\$85.1</b>	<b>\$110.3</b>	<b>\$129.7</b>	<b>\$142.0</b>	<b>\$154.6</b>	<b>\$176.9</b>	<b>\$193.5</b>	<b>\$199.8</b>	<b>\$206.2</b>	<b>\$210.8</b>
Total \$ Change Over Prior Year		\$25.2	\$19.4	\$12.3	\$12.6	\$22.3	\$16.6	\$6.3	\$6.4	\$4.6
Total % Change Over Prior Year		29.6%	17.6%	9.5%	8.9%	14.4%	9.4%	3.3%	3.2%	2.2%

## CITY OF ALEXANDRIA, VIRGINIA

# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview



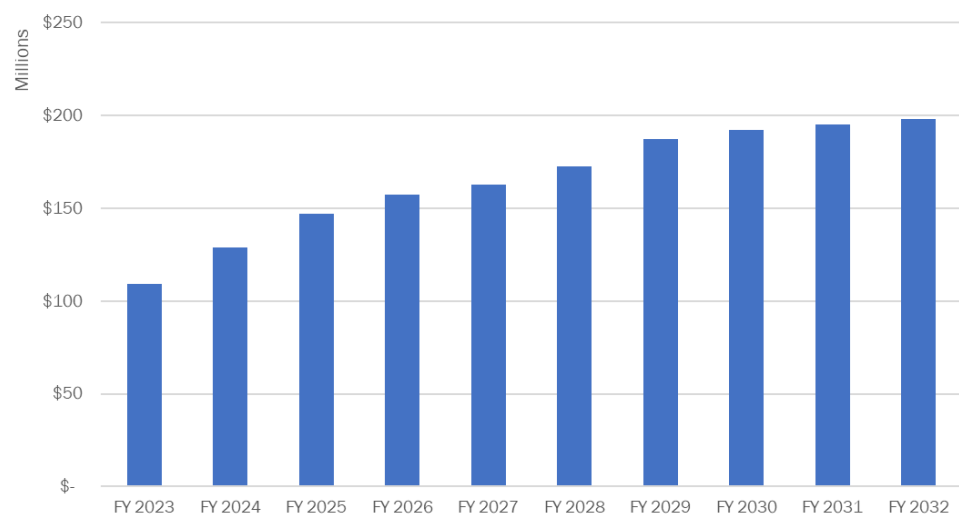
## GENERAL FUND SUPPORT OF CAPITAL PROGRAM

The Proposed FY 2023 – FY 2032 CIP represents a substantial commitment and investment in the City and School's capital needs. This results in a total Proposed CIP for FY 2023 – FY 2032 of \$2.73 billion, a \$63.5 million (+2.4%) increase from last year's Proposed CIP. This includes funding to support the Schools' capital program, which represents a large portion of this required general fund support. Of the City unrestricted funding sources in the CIP (General Fund cash capital and general obligation bonds), the Schools Capital Program will use 29.2% of identified sources. Additionally, the School Board Proposed FY 2023 – FY 2032 CIP is frontloaded, with \$322.2 million out of \$497.8 million in planned expenditures occurring in the first three years of their CIP. This early and large allocation of CIP sources will require the use of borrowing and creates a substantial amount of pressure on the City's General Fund through increases in debt service.

Although the City continues to pursue a diversified funding stream for the CIP, including \$430.7 million in Non-City funds in the Proposed 10 year plan, financing the capital program will require a significant investment of both cash capital from- and borrowing serviced by the City's General Fund. The Proposed CIP contemplates a use of direct cash capital and borrowing (and the debt service that this requires) that will result in \$1.7 billion of general fund operating budget expenditures over the course of the 10 year plan.

In addition to the 5 cent increase in the real estate tax rate approved in the FY 2017 and FY 2018 budgets for capital investment, the Proposed FY 2021 – FY 2030 CIP included a 2-cent tax rate increase to support the CIP. Subsequently, the Approved FY 2021 – FY 2030 CIP removed this proposed tax rate increase, as part of the City's response to the COVID-19 public health emergency. The tax increase was deferred from consideration again in the FY 2022 budget, which in combination with new priorities from the community have resulted in the deferral or descoping of some projects.

**General Fund Operating Budget Support of Capital Program**



While the environment in which the FY 2023 budget was developed continued to be inappropriate to contemplate a tax rate increase to support increased investment in the CIP, executing the Proposed 10-year capital investment plan will ultimately require additional tax rate increases and/or significant reductions in the General Fund operating budget. Subsequent capital investment plans will address the need for- and timing of future tax rate increases to support School and City capital projects, beginning as early as FY 2024 (CY 2023).

CITY OF ALEXANDRIA, VIRGINIA



# Proposed FY 2023 – FY 2032 Capital Improvement Program Overview

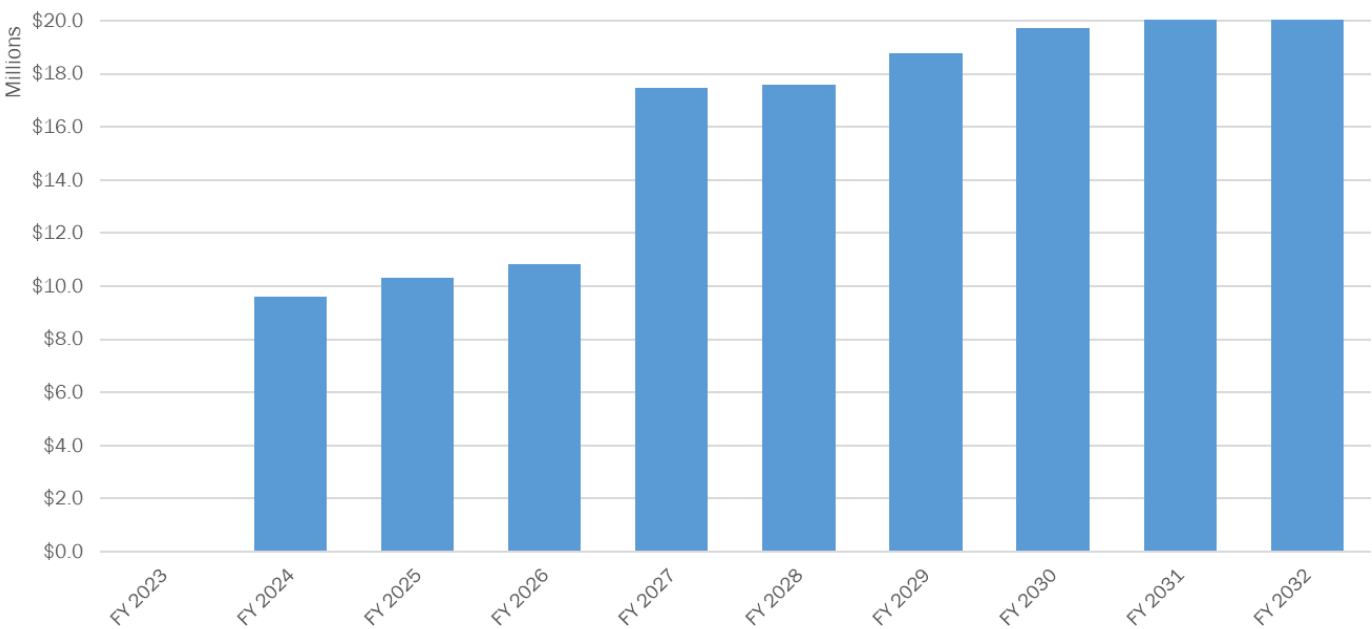
## ADDITIONAL OPERATING IMPACT

In addition to the General Fund impacts of both the Cash Capital transfer and debt service payments, the CIP also has operating impacts based on the actual projects implemented. These costs can be as simple as additional operating funding to maintain a new park, to additional staffing required to operate a new Computer Aided Dispatch System, to utility costs and staffing costs associated with operating a new City facility.

As part of the Proposed FY 2023 – FY 2032 CIP, an additional operating analysis was performed for each project and impacts are noted on each individual project page of the Capital Improvement Program document. While not all impacts will be charged against the General Fund, the estimated operating impact could be as much as \$21.6 million in additional resources needed in FY 2032 as a result of City capital projects (excluding the operating impacts of ACPS capital projects).

**In some cases, these additional increases noted may be offset with new revenues or transitioning from shifting priorities or changing business practices within the City. Additional operating impacts are updated annually and are refined as the project moves closer to the current capital year budget.** The chart below indicates the additional operating impact by fiscal year. Year 1 of the Capital Improvement Program does not identify any additional operating budget impacts, as these costs will be reflected in departmental operating budgets.

FY 2023 - FY 2032 CIP Annual Operating Impact (All Funds)



# SUMMARY EXPENDITURE TABLES

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**Table 1**  
**Proposed FY 2023 - FY 2032 Capital Improvement Program**  
**Total Sources and Uses of Capital Improvement Program Funds**

Source of Funds	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	TOTAL FY 2023 - 2032
All City Cash Sources (Cash Capital)											
General Fund Planned Appropriations (Transfer from General Fund)	34,259,890	34,775,000	35,300,000	35,850,000	36,400,000	36,950,000	37,525,000	38,100,000	38,675,000	39,226,000	367,060,890
Use of CIP Designated Fund Balance	10,000,000	10,000,000	-	-	-	-	-	-	-	-	20,000,000
Subtotal, All Unrestricted City Cash Sources	44,259,890	44,775,000	35,300,000	35,850,000	36,400,000	36,950,000	37,525,000	38,100,000	38,675,000	39,226,000	387,060,890
Unrestricted Borrowing Sources											
General Obligation Bonds (Excl. Sewers/TIP/Potomac Yard)	366,917,660	159,136,000	229,604,400	76,210,500	72,075,550	162,544,800	69,394,800	61,452,750	65,349,700	55,491,000	1,318,177,160
Subtotal, All Unrestricted City Sources	411,177,550	203,911,000	264,904,400	112,060,500	108,475,550	199,494,800	106,919,800	99,552,750	104,024,700	94,717,000	1,705,238,050
Restricted City Sources											
Meals Tax Dedication for Affordable Housing	4,906,000	5,004,000	5,104,000	5,206,000	5,310,000	5,417,000	5,525,000	5,635,000	5,748,000	5,863,000	53,718,000
Potomac Yard Special Tax District Revenue	202,900	213,000	223,100	234,200	246,300	258,400	271,500	284,600	298,700	313,800	2,546,500
Sanitary Sewer Fees and Fund Balance	6,524,000	11,971,000	12,020,700	9,837,000	7,629,700	7,043,000	7,249,300	7,160,000	7,381,400	7,289,000	84,105,100
Reprogrammed Project Balances (Sanitary)	4,500,000	-	-	-	-	-	-	-	-	-	4,500,000
Stormwater Utility Fees	9,073,818	8,038,400	9,159,930	9,714,667	9,159,385	8,335,159	7,556,262	6,455,865	5,324,638	3,272,650	76,090,775
Use of Stormwater Fund Utility Balance	2,139,182	-	-	-	-	-	-	-	-	-	2,139,182
General Obligation Bonds - Stormwater Management	28,540,000	34,070,000	36,600,000	21,940,000	18,640,000	20,000,000	16,500,000	13,835,000	15,625,000	21,100,000	226,850,000
Cash Capital - Transportation Improvement Program	1,896,300	1,571,400	1,929,400	1,775,500	2,022,700	1,993,500	2,167,800	2,250,300	2,390,300	2,156,600	20,153,800
Landmark Redevelopment Supported Bonds	63,000,000	56,000,000	-	-	-	-	-	-	-	-	119,000,000
Subtotal, Restricted City Sources	120,782,200	116,867,800	65,037,130	48,707,367	43,008,085	43,047,059	39,269,862	35,620,765	36,768,038	39,995,050	589,103,357
Non-City Sources											
ARPA	2,500,000	10,000,000	-	-	-	-	-	-	-	-	12,500,000
CMAQ/RSTP	1,770,771	1,156,400	2,385,400	4,682,400	2,190,400	289,900	-	-	-	-	12,475,271
Comcast Revenues	961,000	-	-	-	-	-	-	-	-	-	961,000
NVTA 30%	5,016,000	5,222,000	5,434,000	5,652,000	3,476,000	3,634,000	3,796,000	3,963,000	4,134,000	4,310,000	44,637,000
NVTA 70%	-	-	55,800,000	-	19,200,000	-	-	-	-	-	75,000,000
NVTA 70% (Unsecured)	-	-	-	-	-	10,000,000	-	-	-	-	10,000,000
Private Capital Contributions	600,000	400,000	50,000	50,000	100,000	-	100,000	-	100,000	-	1,400,000
State/Federal Grants	9,165,200	4,810,100	9,115,500	7,522,700	6,009,500	1,317,000	1,261,000	-	-	-	39,201,000
State/Federal Grants (SmartScale)	7,683,000	33,865,000	40,934,000	1,815,000	-	-	-	-	-	-	84,297,000
State/Federal Grants (Unsecured)	-	13,937,600	10,119,000	25,106,800	46,340,550	-	5,200,000	14,276,450	19,755,000	-	134,735,400
VDOT Primary Extension Routes Grant	1,500,000	-	1,500,000	-	1,500,000	-	1,500,000	-	1,500,000	-	7,500,000
VDOT State Revenue Sharing	-	-	-	-	1,500,000	1,500,000	2,000,000	-	1,500,000	1,500,000	8,000,000
Subtotal, Non-City Sources	29,195,971	69,391,100	125,337,900	44,828,900	80,316,450	16,740,900	13,857,000	18,239,450	26,989,000	5,810,000	430,706,671
<b>Total, All Sources</b>	<b>561,155,721</b>	<b>390,169,900</b>	<b>455,279,430</b>	<b>205,596,767</b>	<b>231,800,085</b>	<b>259,282,759</b>	<b>160,046,662</b>	<b>153,412,965</b>	<b>167,781,738</b>	<b>140,522,050</b>	<b>2,725,048,078</b>
% from Bonds	81.7%	63.9%	58.5%	47.7%	39.1%	70.4%	53.7%	49.1%	48.3%	54.5%	61.1%
% from City and Other Cash Sources	18.3%	36.1%	41.5%	52.3%	60.9%	29.6%	46.3%	50.9%	51.7%	45.5%	38.9%

General Fund Operating Support of Capital Program	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	TOTAL FY 2023 - 2032
General Fund Debt Service (Existing and Projected)											
City Projects	41,185,132	51,019,862	60,879,858	67,767,600	71,251,658	76,966,710	85,734,046	90,439,345	92,808,769	96,275,077	734,328,056
School Projects	31,940,999	41,422,765	48,891,831	52,226,154	53,279,815	56,543,707	61,904,832	61,437,216	61,378,685	60,474,793	529,500,798
General Fund Debt Service (Existing and Projected)	73,126,131	92,442,628	109,771,689	119,993,755	124,531,473	133,510,417	147,638,878	151,876,561	154,187,454	156,749,869	1,263,828,855
Cash Capital Funding											
General Fund Cash Capital	32,650,000	33,165,000	33,690,000	34,240,000	34,790,000	35,340,000	35,915,000	36,490,000	37,065,000	37,616,000	350,961,000
Cash Capital - Transportation Improvement Program	1,896,300	1,571,400	1,929,400	1,775,500	2,022,700	1,993,500	2,167,800	2,250,300	2,390,300	2,156,600	20,153,800
Cash Capital - Fire Department Vehicles and Apparatus	1,609,890	1,610,000	1,610,000	1,610,000	1,610,000	1,610,000	1,610,000	1,610,000	1,610,000	1,610,000	16,099,890
Total Cash Capital Funding	36,156,190	36,346,400	37,229,400	37,625,500	38,422,700	38,943,500	39,692,800	40,350,300	41,065,300	41,382,600	387,214,690
<b>Total General Fund Support of Capital Program</b>	<b>109,282,321</b>	<b>128,789,028</b>	<b>147,001,089</b>	<b>157,619,255</b>	<b>162,954,173</b>	<b>172,453,917</b>	<b>187,331,678</b>	<b>192,226,861</b>	<b>195,252,754</b>	<b>198,132,469</b>	<b>1,651,043,545</b>
Year-over-Year Increase (\$)		19,506,707	18,212,062	10,618,165	5,334,918	9,499,744	14,877,761	4,895,184	3,025,893	2,879,715	
Year-over-Year Increase (%)		17.8%	14.1%	7.2%	3.4%	5.8%	8.6%	2.6%	1.6%	1.5%	

All Uses (CIP Document Section)	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	TOTAL FY 2023 - 2032
Schools	204,685,100	34,741,700	82,766,900	27,430,800	31,083,000	77,542,600	7,162,900	20,578,000	6,151,000	5,662,800	497,804,800
Community Development	112,942,600	128,589,600	14,798,700	18,234,800	12,719,500	18,607,000	19,194,000	13,700,800	15,239,500	12,866,000	366,892,500
Recreation & Parks	17,338,900	24,543,200	22,689,700	3,644,200	9,745,400	26,856,100	11,499,900	11,503,300	15,364,500	13,916,100	157,101,300
Public Buildings	92,561,700	35,794,100	104,447,800	21,194,600	8,657,800	37,190,600	22,993,400	4,993,100	16,898,700	18,004,900	362,736,700
Transportation	45,100,659	71,306,200	133,458,800	58,176,900	97,418,200	27,619,200	30,177,500	37,329,500	49,425,200	21,199,900	571,212,059
WMATA Capital Contributions	16,260,000	16,655,000	17,065,000	17,485,000	17,920,000	18,365,000	18,825,000	19,300,000	19,790,000	20,120,000	181,785,000
Sanitary Sewers	10,125,000	11,030,000	11,032,700	8,800,000	6,540,700	5,900,000	6,049,300	5,900,000	6,058,400	5,900,000	77,336,100
Stormwater Management	38,534,200	40,710,400	44,291,900	30,113,600	26,181,300	26,636,100	22,272,200	18,416,800	18,981,600	22,306,600	288,444,700
Other Regional Contributions	441,200	485,900	490,700	495,600	500,600	505,600	510,700	515,800	520,900	526,100	4,993,100
IT Plan	14,643,862	17,031,500	14,496,200	9,801,100	10,307,900	8,806,000	9,551,900	8,783,300	6,346,800	6,375,500	106,144,062
CIP Development & Implementation Staff	8,522,500	9,282,300	9,741,030	10,220,167	10,725,685	11,254,559	11,809,862	12,392,365	13,005,138	13,644,150	110,597,757
<b>Grand Total</b>	<b>561,155,721</b>	<b>390,169,900</b>	<b>455,279,430</b>	<b>205,596,767</b>	<b>231,800,085</b>	<b>259,282,759</b>	<b>160,046,662</b>	<b>153,412,965</b>	<b>167,781,738</b>	<b>140,522,050</b>	<b>2,725,048,078</b>



Table 2  
Proposed FY 2023 - FY 2032 Capital Improvement Program  
Summary of Capital Improvement Program Expenditures – City Share

All Uses (CIP Document Section)	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	TOTAL FY 2023 - 2032
Schools	204,685,100	34,741,700	82,766,900	27,430,800	31,083,000	77,542,600	7,162,900	20,578,000	6,151,000	5,662,800	497,804,800
Community Development	107,201,600	118,589,600	14,798,700	18,234,800	12,719,500	18,607,000	19,194,000	13,700,800	15,239,500	12,866,000	351,151,500
Recreation & Parks	17,288,900	23,543,200	22,689,700	3,644,200	9,645,400	26,856,100	11,399,900	11,503,300	15,264,500	13,916,100	155,751,300
Public Buildings	92,561,700	35,794,100	104,447,800	21,194,600	8,657,800	37,190,600	22,993,400	4,993,100	16,898,700	18,004,900	362,736,700
Transportation	26,171,888	16,495,100	13,390,900	14,908,000	18,886,750	14,348,400	18,365,500	21,170,050	24,846,200	18,089,900	186,672,688
WMATA Capital Contributions	12,860,000	13,075,000	11,795,000	15,925,000	16,235,000	14,894,900	16,880,000	17,220,000	17,480,000	17,420,000	153,784,900
Sanitary Sewers	10,125,000	11,030,000	11,032,700	8,800,000	6,540,700	5,900,000	6,049,300	5,900,000	6,058,400	5,900,000	77,336,100
Stormwater Management	38,419,000	40,710,400	44,291,900	30,113,600	26,181,300	26,636,100	22,272,200	18,416,800	18,981,600	22,306,600	288,329,500
Other Regional Contributions	441,200	485,900	490,700	495,600	500,600	505,600	510,700	515,800	520,900	526,100	4,993,100
IT Plan	13,682,862	17,031,500	14,496,200	9,801,100	10,307,900	8,806,000	9,551,900	8,783,300	6,346,800	6,375,500	105,183,062
CIP Development & Implementation Staff	8,522,500	9,282,300	9,741,030	10,220,167	10,725,685	11,254,559	11,809,862	12,392,365	13,005,138	13,644,150	110,597,757
<b>TOTAL (City Share)</b>	<b>531,959,750</b>	<b>320,778,800</b>	<b>329,941,530</b>	<b>160,767,867</b>	<b>151,483,635</b>	<b>242,541,859</b>	<b>146,189,662</b>	<b>135,173,515</b>	<b>140,792,738</b>	<b>134,712,050</b>	<b>2,294,341,407</b>

Table 3  
Summary of Capital Improvement Program Expenditures – Non-City Share

All Uses (CIP Document Section)	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	TOTAL FY 2023 - 2032
Schools	-	-	-	-	-	-	-	-	-	-	-
Community Development	5,741,000	10,000,000	-	-	-	-	-	-	-	-	15,741,000
Recreation & Parks	50,000	1,000,000	-	-	100,000	-	100,000	-	100,000	-	1,350,000
Public Buildings	-	-	-	-	-	-	-	-	-	-	-
Transportation	18,928,771	54,811,100	120,067,900	43,268,900	78,531,450	13,270,800	11,812,000	16,159,450	24,579,000	3,110,000	384,539,371
WMATA Capital Contributions	3,400,000	3,580,000	5,270,000	1,560,000	1,685,000	3,470,100	1,945,000	2,080,000	2,310,000	2,700,000	28,000,100
Sanitary Sewers	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management	115,200	-	-	-	-	-	-	-	-	-	115,200
Other Regional Contributions	-	-	-	-	-	-	-	-	-	-	-
IT Plan	961,000	-	-	-	-	-	-	-	-	-	961,000
CIP Development & Implementation Staff	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL (Non-City Share)</b>	<b>29,195,971</b>	<b>69,391,100</b>	<b>125,337,900</b>	<b>44,828,900</b>	<b>80,316,450</b>	<b>16,740,900</b>	<b>13,857,000</b>	<b>18,239,450</b>	<b>26,989,000</b>	<b>5,810,000</b>	<b>430,706,671</b>

Table 4  
Proposed FY 2023 – FY 2032 Capital Improvement Program  
Summary of Projects by CIP Document Section



Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Business Tax System/Reciprocity Contractor System	1,224,595	-	-	-	-	-	-	-	-	-	-	-
Enterprise Resource Planning System	4,063,312	-	40,000	75,000	75,000	320,000	-	-	-	-	-	510,000
Personal Property Tax System	2,592,039	-	-	-	-	-	-	-	600,000	-	-	600,000
Phone, Web, Portable Device Payment Portals	275,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Real Estate Account Receivable System	1,635,000	-	-	-	175,000	-	-	-	200,000	-	-	375,000
Real Estate Assessment System (CAMA)	325,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Financial Systems Total	10,114,946	40,000	80,000	115,000	290,000	360,000	40,000	40,000	840,000	40,000	40,000	1,885,000
Geographic Information Systems												
GIS Development	2,594,500	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	70,000	525,000
Geographic Information Systems Total	2,594,500	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	70,000	525,000
Network Services												
Connectivity Initiatives	13,010,270	600,000	630,000	661,500	694,600	-	-	-	-	-	-	2,586,100
Database Infrastructure	898,000	40,000	40,000	40,000	-	-	-	-	-	-	-	120,000
Enterprise Camera System	50,000	60,000	-	-	-	-	-	-	-	-	-	60,000
Enterprise Collaboration	757,095	170,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	440,000
Enterprise Data Storage Infrastructure	4,380,435	800,000	450,000	350,000	-	1,200,000	175,000	175,000	175,000	174,000	690,000	4,189,000
Enterprise Service Catalog	260,000	-	40,000	40,000	200,000	-	40,000	-	40,000	-	-	360,000
Information Technology Equipment Replacement	4,804,793	995,000	1,000,000	1,005,000	1,010,000	1,016,000	972,000	978,000	984,000	991,000	998,000	9,949,000
Information Technology Lump Sum Funding	-	-	2,200,000	3,200,000	3,200,000	3,200,000	3,400,000	3,400,000	3,400,000	2,050,000	2,050,000	26,100,000
IT Enterprise Management System	510,000	-	-	-	-	-	-	-	-	-	-	-
LAN Development	518,921	-	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
LAN/WAN Infrastructure	9,635,055	1,064,000	1,080,000	1,742,000	740,000	1,004,000	1,048,000	1,143,000	449,000	471,000	685,000	9,426,000
Municipal Fiber	18,963,000	174,500	154,000	912,000	320,000	329,000	338,000	347,000	357,000	367,000	228,000	3,526,500
Network Security	4,379,881	500,000	605,000	400,000	400,000	800,000	350,000	350,000	350,000	500,000	500,000	4,755,000
Network Server Infrastructure	8,721,143	70,000	1,030,000	-	-	-	-	-	800,000	300,000	-	2,200,000
Remote Access	1,168,000	175,000	250,000	800,000	-	-	-	-	-	-	-	1,225,000
Time & Attendance System Upgrade	70,000	8,000	8,000	48,000	8,000	8,000	8,000	88,000	8,000	8,000	8,000	200,000
Upgrade Work Station Operating Systems	3,819,003	472,000	380,000	490,000	200,000	210,000	220,000	231,000	243,000	255,000	264,000	2,965,000
Voice Over Internet Protocol (VoIP)	5,747,173	-	84,000	249,000	932,000	850,000	-	-	-	-	-	2,115,000
Network Services Total	77,692,768	5,128,500	8,006,000	9,992,500	7,759,600	8,672,000	6,606,000	6,767,000	6,861,000	5,171,000	5,478,000	70,441,600
Other System Development Projects												
Animal Shelter Server Replacement	130,000	-	-	-	-	-	-	-	-	-	-	-
Computerized Maintenance Management System (CMMS)	325,000	-	165,600	-	-	-	-	-	-	-	-	165,600
Council Chamber Technology Upgrade	350,000	750,000	-	-	130,000	-	-	-	-	500,000	-	1,380,000
Data Quality and Intelligence Platforms	-	-	-	150,000	300,000	350,000	-	-	-	-	-	800,000
DCHS Integrated Client Information System	300,000	200,000	1,200,000	-	-	-	-	-	-	-	-	1,400,000
Enterprise Maintenance Mgmt System	429,400	60,000	40,000	40,000	40,000	-	-	-	-	-	-	180,000
Fleet Management System	140,000	-	-	-	-	-	-	-	-	-	-	-
FOIA System Replacement	115,000	-	-	-	-	-	-	-	-	-	-	-
HIPAA & Related Health Information Technologies	678,000	60,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	285,000
Impound Lot System Replacement	200,000	-	-	-	-	-	-	-	-	-	-	-
Library Information Technology Equipment Replacement	257,438	61,400	35,300	133,100	38,900	89,900	43,000	45,000	183,300	49,700	52,200	731,800
Library Public Access Computers and Print Mgmt System	45,000	80,500	-	-	-	-	113,200	-	-	-	-	193,700
Library Scanning Equipment and DAMS	-	-	-	1,600	71,600	-	1,900	-	-	88,100	7,200	170,400
Library Self-Service Stations/Equipment	158,296	-	-	-	-	-	-	-	-	-	-	-
Migration of Integrated Library System to SAAS Platform	42,000	166,100	83,600	3,000	3,000	3,000	213,900	109,100	3,000	3,000	166,100	753,800
Office of Voter Registrations and Elections Equipment Replacement	100,000	-	-	-	-	-	-	1,001,800	-	-	-	1,001,800
OHA Point-of-Sale System Replacement	-	293,100	-	-	-	-	-	-	108,700	-	-	401,800
OHA Records Management System Replacement	105,000	-	-	-	-	-	-	-	141,300	-	-	141,300
Permit Processing	5,082,691	-	-	-	-	-	-	-	-	-	-	-
Project Management Software	185,000	50,000	-	50,000	-	-	-	50,000	-	50,000	-	200,000
Recreation Database System	450,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
Small Systems Replacements	-	20,000	20,000	20,000	20,000	50,000	-	-	-	-	-	130,000
Other System Development Projects Total	9,092,824	1,751,100	1,579,500	432,700	638,500	527,900	407,000	1,240,900	471,300	725,800	260,500	8,035,200
Public Access Development												
Customer Relationship Management System	1,731,507	-	-	-	200,000	-	-	-	-	-	-	200,000
Electronic Government/Web Page	1,838,196	225,000	275,000	275,000	400,000	275,000	225,000	-	-	-	-	1,675,000
Public Access Development Total	3,569,703	225,000	275,000	275,000	600,000	275,000	225,000	-	-	-	-	1,875,000
Public Safety Systems												
AJIS System	13,507,013	2,113,000	432,000	440,000	298,000	307,000	316,000	325,000	385,000	217,000	356,000	5,189,000
Computer Aided Dispatch (CAD) System Replacement	16,828,313	1,104,000	5,009,000	114,000	120,000	126,000	132,000	139,000	146,000	153,000	161,000	7,204,000
Courtroom Trial Presentation Technology	427,809	160,000	50,000	-	-	-	-	-	-	-	-	210,000
Electronic Citations Implementation	420,000	-	-	-	-	-	-	-	-	-	-	-
Emergency 911 Phone System Upgrade	1,700,000	255,000	-	-	-	-	-	-	-	-	-	255,000
EMS Records Management System	268,500	-	-	-	-	-	-	-	-	-	-	-
Fire Dept RMS	329,000	-	-	-	-	-	-	-	-	-	-	-
Fire Emergency Operations Center Technology	-	66,000	-	305,000	-	-	-	-	-	-	-	371,000
Parking Citation System Replacement	410,000	-	-	-	-	-	-	-	-	-	-	-
Radio System Upgrade	3,191,460	3,761,262	1,520,000	2,742,000	-	-	1,000,000	1,000,000	-	-	-	10,023,262
Public Safety Systems Total	37,082,095	7,459,262	7,011,000	3,601,000	418,000	433,000	1,448,000	1,464,000	531,000	370,000	517,000	23,252,262
IT Plan Total	142,541,211	14,643,862	17,031,500	14,496,200	9,801,100	10,307,900	8,806,000	9,551,900	8,783,300	6,346,800	6,375,500	106,144,062
Other Regional Contributions												
Other Regional Contributions												

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Northern Virginia Regional Park Authority (NVRPA)	8,499,972	441,200	485,900	490,700	495,600	500,600	505,600	510,700	515,800	520,900	526,100	4,993,100
Other Regional Contributions Total	8,499,972	441,200	485,900	490,700	495,600	500,600	505,600	510,700	515,800	520,900	526,100	4,993,100
Other Regional Contributions Total	8,499,972	441,200	485,900	490,700	495,600	500,600	505,600	510,700	515,800	520,900	526,100	4,993,100
<b>Public Buildings</b>												
<b>General Government Facilities</b>												
119 North Alfred Street Parking Garage	-	41,200	56,600	72,900	108,100	145,300	184,700	200,000	250,000	-	-	1,058,800
2355 Mill Road CFMP	2,541,581	-	-	-	-	-	-	-	-	-	-	-
2900-B Business Warehouse	-	-	-	-	-	-	123,600	111,900	-	904,900	-	1,140,400
Alexandria Transit - DASH CFMP	3,611,923	50,000	51,500	53,100	54,700	56,300	58,000	59,800	61,500	63,400	65,300	573,600
Capital Planning & Building Assessment (Condition Assessment)	1,486,000	-	90,000	15,000	95,000	150,800	155,300	159,900	38,100	169,700	172,000	1,045,800
City Hall Renovation and HVAC Replacement	13,203,820	-	9,296,000	51,503,500	9,296,000	-	-	-	-	-	-	70,095,500
City Hall Swing Space	-	-	5,032,200	25,283,400	5,032,200	-	-	-	-	-	-	35,347,800
DASH Upper Deck Repairs	-	3,000,000	-	-	-	-	-	-	-	-	-	3,000,000
Emergency Power Systems	3,449,800	-	300,000	2,000,000	654,600	313,700	281,400	289,900	298,600	637,100	676,000	5,451,300
Energy Management Program	6,131,052	269,000	532,000	1,893,300	1,684,600	1,073,600	693,000	710,000	778,000	797,000	817,000	9,247,500
Fleet Building CFMP	2,146,308	-	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,350,000
Gadsby's Tavern Restaurant Equipment	-	-	360,600	-	-	-	-	-	-	-	-	360,600
General Services CFMP	17,996,430	-	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,150,000
Lee Center CFMP	96,800	-	-	-	-	-	-	-	-	-	-	-
Market Square Plaza and Garage Structural Repairs	10,493,300	-	1,000,000	3,957,000	-	-	-	-	-	-	-	4,957,000
Minnie Howard Campus Project	-	12,093,300	-	-	-	-	-	-	-	-	-	12,093,300
Parking Garages CFMP	20,300	-	-	-	-	-	-	-	-	-	-	-
Preventative Maintenance Systems and Staffing Study	350,000	-	-	-	-	-	-	-	-	-	-	-
Roof Replacement Program	8,718,219	-	-	3,055,400	-	-	1,071,200	-	-	2,906,500	-	7,033,100
Union Station Improvements	-	-	-	-	250,000	-	-	-	-	-	-	250,000
Witter/Wheeler - Fuel Island Renovation	600,000	-	2,000,000	-	-	-	-	-	-	-	-	2,000,000
Witter/Wheeler Campus Funding Reservation	1,306,000	-	2,114,800	6,022,000	-	-	-	-	-	4,300,000	2,140,000	14,576,800
General Government Facilities Total	72,151,533	15,453,500	21,333,700	94,355,600	17,675,200	2,239,700	3,067,200	2,031,500	1,926,200	10,278,600	4,370,300	172,731,500
<b>Library Facilities</b>												
Beatley Building Envelope Restoration	1,843,504	-	-	-	-	-	-	-	-	-	-	-
Burke Branch Renovation	825,000	-	-	-	-	-	-	-	-	-	-	-
Library CFMP	2,686,135	150,000	150,000	150,000	150,000	213,300	1,146,800	1,204,200	-	3,000,000	1,300,000	7,464,300
Library Facilities Master Plan	-	-	-	220,000	-	-	-	-	-	-	-	220,000
Library Facilities Total	5,354,639	150,000	150,000	370,000	150,000	213,300	1,146,800	1,204,200	-	3,000,000	1,300,000	7,684,300
<b>Preservation of Historic Facilities</b>												
City Historic Facilities CFMP	14,382,038	840,000	623,400	2,800,000	1,900,000	2,000,000	1,500,000	400,000	1,500,000	1,400,000	1,961,700	14,925,100
Freedom House Museum Restoration	-	-	-	-	-	-	-	-	-	96,000	750,000	846,000
Preservation of Historic Facilities Total	14,382,038	840,000	623,400	2,800,000	1,900,000	2,000,000	1,500,000	400,000	1,500,000	1,496,000	2,711,700	15,771,100
<b>Public Health &amp; Welfare Facilities</b>												
DCHS Consolidation and Co-Location	24,358,007	73,200,000	-	-	-	-	-	-	-	-	-	73,200,000
Health Department CFMP	519,300	-	-	-	-	-	-	-	-	-	-	-
Mental Health Residential Facilities CFMP	4,527,079	-	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Public Health & Welfare Facilities Total	29,404,386	73,200,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	75,900,000
<b>Public Safety Enhancements</b>												
City Facility Security Infrastructure CFMP	-	206,000	801,100	-	-	-	-	-	-	-	-	1,007,100
Public Safety Enhancements Total	-	206,000	801,100	-	-	-	-	-	-	-	-	1,007,100
<b>Public Safety Facilities</b>												
Alexandria Police CFMP	214,500	727,600	150,000	150,000	150,000	150,000	150,000	150,000	551,400	584,100	1,500,000	4,263,100
Courthouse CFMP	10,556,600	-	1,680,000	158,200	161,200	127,600	131,400	135,300	139,400	143,600	146,000	2,822,700
Courthouse/PSC Security System Upgrade	3,328,100	-	-	-	-	-	-	-	-	-	5,313,100	5,313,100
Fire & Rescue CFMP	10,547,813	500,000	100,000	100,000	696,300	263,100	265,000	281,800	376,100	696,600	947,000	4,225,900
Fire Station 203 (Cameron Mills)	12,573,610	-	-	-	-	-	-	-	-	-	-	-
Fire Station 205 (Cameron Street)	-	-	-	6,174,000	-	-	4,141,700	18,390,600	-	-	-	28,706,300
Fire Station 207 (Duke Street)	-	-	-	-	-	-	-	-	-	-	-	-
Fire Training Center Renovation	-	-	-	-	-	-	-	-	-	-	1,216,800	1,216,800
Landmark Fire Station (formerly Fire Station 208 Replacement)	-	-	4,000,000	-	-	-	19,351,300	-	-	-	-	23,351,300
New Burn Building	325,400	-	3,015,900	-	-	-	-	-	-	-	-	3,015,900
Office of the Sheriff CFMP	12,477,702	226,000	3,600,000	-	-	3,200,000	6,800,000	-	100,000	100,000	100,000	14,126,000
Pistol Range	2,963,250	-	-	-	-	-	-	-	-	-	-	-
PSC Fuel Station Refurbishment	-	1,218,600	-	-	-	-	-	-	-	-	-	1,218,600
Tactical Training Space	309,000	-	-	-	-	-	-	-	-	-	-	-
Vola Lawson Animal Shelter	3,518,093	40,000	40,000	40,000	161,900	164,100	337,200	100,000	100,000	299,800	100,000	1,383,000
Public Safety Facilities Total	56,814,068	2,712,200	12,585,900	6,622,200	1,169,400	3,904,800	31,176,600	19,057,700	1,266,900	1,824,100	9,322,900	89,642,700
Public Buildings Total	178,106,664	92,561,700	35,794,100	104,447,800	21,194,600	8,657,800	37,190,600	22,993,400	4,993,100	16,898,700	18,004,900	362,736,700
<b>Recreation &amp; Parks</b>												
<b>Aquatics Facilities</b>												
Neighborhood Pool Demolition and Conversion	1,083,259	-	-	-	-	-	-	-	-	-	-	-
Old Town Pool	-	1,474,400	-	8,814,600	-	-	-	-	-	-	-	10,289,000
Public Pools	1,416,914	103,100	106,200	109,400	112,500	116,000	123,400	158,500	163,200	168,100	173,100	1,333,500
Aquatics Facilities Total	2,500,173	1,577,500	106,200	8,924,000	112,500	116,000	123,400	158,500	163,200	168,100	173,100	11,622,500
<b>Open Space Acquisition &amp; Development</b>												
Open Space Acquisition and Develop.	20,380,258	400,000	330,000	337,000	344,000	351,000	358,000	365,000	372,000	379,000	387,000	3,623,000
Open Space Acquisition & Development Total	20,380,258	400,000	330,000	337,000	344,000	351,000	358,000	365,000	372,000	379,000	387,000	3,623,000

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
<b>Park Maintenance &amp; Improvements</b>												
Americans with Disabilities Act (ADA) Requirements	1,506,323	46,300	109,400	109,400	109,400	109,400	109,400	109,400	109,400	109,400	152,200	1,073,700
Armistead Boothe Park Trail Surface Conversion	-	-	-	226,000	-	-	-	-	-	-	-	226,000
Athletic Field Improvements (incl. Synthetic Turf)	9,944,512	804,000	16,521,000	1,529,400	16,400	666,900	771,000	18,000	18,500	842,600	867,800	22,055,600
Ball Court Renovations	2,559,813	309,200	164,100	169,000	-	194,200	203,000	209,100	215,300	221,800	228,500	1,914,200
Cameron Run Regional Park Feasibility Study	-	-	-	291,800	-	-	-	-	-	-	-	291,800
Citywide Parks Improvements Plan	12,173,082	-	-	-	-	700,000	-	-	-	-	-	700,000
Community Matching Fund	914,857	100,000	-	-	-	200,000	-	200,000	-	200,000	-	700,000
Fort Ward Management Plan Implementation	1,175,172	-	646,700	2,315,000	-	-	-	-	-	-	-	2,961,700
Four Mile Run Park	-	-	-	-	1,266,900	605,000	15,489,100	-	-	-	-	17,361,000
Four Mile Run Park Bridge Replacement	-	1,293,800	-	-	-	-	-	-	-	-	-	1,293,800
Four Mile Run Park Wetlands Connector Bridge	652,205	-	-	-	-	-	-	-	-	-	-	-
Holmes Run Trail Repairs	6,026,017	1,200,000	-	-	-	-	-	-	-	-	-	1,200,000
Park Renovations CFMP	6,231,567	304,500	249,400	199,500	-	450,000	450,000	450,000	450,000	450,000	620,000	3,623,400
Patrick Henry Turf Fields and Recreation Center	-	1,000,000	1,600,000	-	-	-	-	-	-	-	-	2,600,000
Pavement in Parks	950,000	275,000	61,800	21,300	85,300	275,000	275,000	275,000	275,000	275,000	319,800	2,138,200
Playground Renovations CFMP	7,913,705	866,100	160,900	495,400	421,400	2,019,900	1,408,400	1,012,600	1,043,000	1,074,300	1,106,500	9,608,500
Potomac Yard Park Basketball Court Lights	98,330	-	-	-	-	-	-	-	-	-	-	-
Restroom Renovations	1,110,000	790,800	123,600	-	32,800	33,800	34,800	-	602,800	-	169,700	1,788,300
Shared-Use Paths	941,357	150,000	-	-	150,000	-	-	150,000	-	150,000	-	600,000
Soft Surface Trails	1,510,687	12,000	86,500	41,500	-	130,000	130,000	-	130,000	-	183,000	713,000
Tree & Shrub Capital Maintenance	5,886,485	632,900	356,200	367,000	-	430,000	442,700	456,000	469,800	483,800	498,300	4,136,700
Water Management & Irrigation	1,853,250	135,900	140,000	-	140,000	140,000	140,000	140,000	140,000	140,000	193,200	1,309,100
Waterfront Parks CFMP	331,000	53,300	54,800	56,500	-	65,800	67,700	69,800	71,900	74,000	76,300	590,100
Windmill Hill Park Improvements	7,009,000	5,646,100	-	-	-	-	-	-	-	-	-	5,646,100
<b>Park Maintenance &amp; Improvements Total</b>	<b>68,787,362</b>	<b>13,619,900</b>	<b>20,274,400</b>	<b>5,821,800</b>	<b>2,222,200</b>	<b>6,020,000</b>	<b>19,521,100</b>	<b>3,089,900</b>	<b>3,525,700</b>	<b>4,020,900</b>	<b>4,415,300</b>	<b>82,531,200</b>
<b>Recreation Facility Maintenance</b>												
Chinquapin Recreation Center CFMP	4,163,383	80,000	80,000	815,700	255,400	494,700	828,700	648,300	2,207,000	1,742,100	450,300	7,602,200
City Marina Maintenance	1,427,013	47,900	49,300	50,000	-	50,000	50,000	50,000	50,000	50,000	90,100	487,300
Proactive Maintenance of the Urban Forest	632,000	328,400	338,300	348,400	-	369,700	380,800	392,200	403,900	416,100	837,500	3,815,300
Recreation Centers CFMP	7,063,004	120,000	120,000	278,700	172,000	899,100	1,252,000	2,286,000	3,837,600	7,662,500	6,651,500	23,279,400
Torpedo Factory Arts Center CFMP	2,283,175	175,200	75,000	3,279,100	473,300	1,226,100	4,342,100	4,278,000	943,900	679,800	911,300	16,383,800
<b>Recreation Facility Maintenance Total</b>	<b>15,568,575</b>	<b>751,500</b>	<b>662,600</b>	<b>4,771,900</b>	<b>900,700</b>	<b>3,039,600</b>	<b>6,853,600</b>	<b>7,654,500</b>	<b>7,442,400</b>	<b>10,550,500</b>	<b>8,940,700</b>	<b>51,568,000</b>
<b>Renovated or New Recreation Facilities</b>												
Braddock Area Plan Park	2,546,207	-	-	-	-	-	-	-	-	-	-	-
Citywide Parks Improvements Plan	-	-	-	-	64,800	-	-	-	-	-	-	64,800
Dora Kelly Fair-Weather Crossing Replacement with Bridge	-	-	-	595,000	-	-	-	-	-	-	-	595,000
Douglas MacArthur School - Recreation & Parks Programming Space	2,001,592	-	-	-	-	-	-	-	-	-	-	-
Douglass Cemetery Restoration	-	240,000	2,170,000	695,000	-	-	-	-	-	-	-	3,105,000
Fort Ward Management Plan Implementation	-	200,000	-	-	-	218,800	-	232,000	-	246,000	-	896,800
Patrick Henry Recreation Center	7,259,986	-	-	-	-	-	-	-	-	-	-	-
Recreation Center Market Response and Program Support	-	50,000	-	-	-	-	-	-	-	-	-	50,000
Torpedo Factory Art Center Revitalization	785,000	500,000	1,000,000	1,545,000	-	-	-	-	-	-	-	3,045,000
<b>Renovated or New Recreation Facilities Total</b>	<b>12,592,785</b>	<b>990,000</b>	<b>3,170,000</b>	<b>2,835,000</b>	<b>64,800</b>	<b>218,800</b>	<b>-</b>	<b>232,000</b>	<b>-</b>	<b>246,000</b>	<b>-</b>	<b>7,756,600</b>
<b>Recreation &amp; Parks Total</b>	<b>119,829,152</b>	<b>17,338,900</b>	<b>24,543,200</b>	<b>22,689,700</b>	<b>3,644,200</b>	<b>9,745,400</b>	<b>26,856,100</b>	<b>11,499,900</b>	<b>11,503,300</b>	<b>15,364,500</b>	<b>13,916,100</b>	<b>157,101,300</b>
<b>Sanitary Sewers</b>												
<b>Sanitary Sewers</b>												
AlexRenew Wastewater Treatment Plant Capacity	-	-	-	-	2,400,000	-	-	-	-	-	-	2,400,000
Citywide Sewershed Infiltration & Inflow	19,896,715	-	-	-	-	-	-	-	-	-	-	-
Combined Sewer Assessment & Rehabilitation	11,505,000	-	4,130,000	-	-	-	-	-	-	-	-	4,130,000
Combined Sewer Wet Weather Mitigation	-	1,500,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,500,000
Reconstructions & Extensions of Sanitary Sewers	17,100,452	-	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	8,100,000
Sanitary Sewer Asset Renewal Program	5,750,000	4,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	36,000,000
Sanitary Sewer Stream Crossing Protection	-	1,125,000	-	4,132,700	-	140,700	-	149,300	-	158,400	-	5,706,100
Sanitary Sewer Wet Weather Mitigation	-	3,000,000	1,500,000	1,500,000	1,000,000	1,000,000	500,000	500,000	500,000	500,000	500,000	10,500,000
<b>Sanitary Sewers Total</b>	<b>54,252,167</b>	<b>10,125,000</b>	<b>11,030,000</b>	<b>11,032,700</b>	<b>8,800,000</b>	<b>6,540,700</b>	<b>5,900,000</b>	<b>6,049,300</b>	<b>5,900,000</b>	<b>6,058,400</b>	<b>5,900,000</b>	<b>77,336,100</b>
<b>Sanitary Sewers Total</b>	<b>54,252,167</b>	<b>10,125,000</b>	<b>11,030,000</b>	<b>11,032,700</b>	<b>8,800,000</b>	<b>6,540,700</b>	<b>5,900,000</b>	<b>6,049,300</b>	<b>5,900,000</b>	<b>6,058,400</b>	<b>5,900,000</b>	<b>77,336,100</b>
<b>Stormwater Management</b>												
<b>Stormwater Management</b>												
Braddock and West Flood Management	-	198,000	-	-	-	-	-	-	-	-	-	198,000
Cameron Station Pond Retrofit	4,723,474	-	-	-	-	-	-	-	-	-	-	-
City Facilities Stormwater Best Management Practices (BMPs)	1,633,000	-	-	-	-	-	-	-	-	-	-	-
Floodproofing Grant Program	750,000	769,000	789,000	809,000	830,000	851,000	873,000	895,000	918,000	941,000	965,000	8,640,000
Four Mile Run Channel Maintenance	3,475,281	936,600	-	300,000	300,000	-	1,251,300	2,900,000	-	300,000	300,000	6,287,900
Green Infrastructure	2,311,026	-	1,549,600	-	-	-	-	-	-	-	-	1,549,600
Hooffs Run Culvert	-	-	-	-	1,616,000	-	-	-	-	2,510,000	-	4,126,000
Inspection and Cleaning (State of Good Repair) CFMP	3,852,000	1,268,000	1,457,000	1,578,000	1,695,000	1,835,000	2,006,000	2,220,000	2,496,000	2,862,000	3,304,000	20,721,000
Large Capacity - Commonwealth Ave & E. Glebe/Ashby St & Glebe Rd	830,000	26,407,300	12,632,800	-	-	-	-	-	-	-	-	39,040,100
Large Capacity - Hooffs Run Culvert Bypass	1,070,000	-	16,176,100	32,352,100	-	-	-	-	-	-	-	48,528,200
Lucky Run Stream Restoration	2,852,715	-	-	-	-	-	-	-	-	-	-	-
MS4-TDML Compliance Water Quality Improvements	5,605,000	1,300,000	2,100,000	1,800,000	2,050,000	1,750,000	2,000,000	2,575,000	1,500,000	1,000,000	1,750,000	17,825,000
NPDES / MS4 Permit	1,150,000	-	170,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	185,900	1,594,700
Phosphorus Exchange Bank	-	-	-	-	-	-	-	-	-	-	-	-

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Small-Midsize Stormwater Maintenance Projects	-	581,300	613,900	649,100	685,900	724,400	765,800	809,100	854,200	901,400	922,900	7,508,000
Spot Project - Hume Avenue Bypass	1,070,000	-	-	-	-	-	-	-	-	-	-	-
Spot Project - Mt. Vernon Cul-de-sac and Alley	830,000	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer Capacity Projects	26,685,988	-	-	-	15,950,000	15,200,000	13,675,000	6,700,000	6,350,000	4,000,000	7,000,000	68,875,000
Storm Sewer System Spot Improvements	11,165,902	5,907,000	4,011,000	4,122,000	4,228,000	4,337,000	4,540,000	4,606,000	4,688,000	4,812,000	4,937,000	46,188,000
Stormwater BMP Maintenance CFMP	520,000	286,000	303,500	1,575,300	1,622,500	317,100	326,600	336,400	346,500	356,900	1,792,200	7,263,000
Stormwater Utility Implementation	1,673,200	-	-	-	-	-	-	-	-	-	-	-
Strawberry Run Stream Restoration	1,645,138	-	-	-	-	-	-	-	-	-	-	-
Stream & Channel Maintenance	7,429,454	881,000	907,500	934,700	962,700	991,600	1,021,400	1,052,000	1,083,600	1,116,100	1,149,600	10,100,200
Taylor Run Stream Restoration	4,540,258	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management Total	83,812,436	38,534,200	40,710,400	44,291,900	30,113,600	26,181,300	26,636,100	22,272,200	18,416,800	18,981,600	22,306,600	288,444,700
Stormwater Management Total	83,812,436	38,534,200	40,710,400	44,291,900	30,113,600	26,181,300	26,636,100	22,272,200	18,416,800	18,981,600	22,306,600	288,444,700
Transportation												
High Capacity Transit Corridors												
Transit Corridor "A" - Route 1	29,853,743	-	-	-	-	-	10,000,000	-	-	-	-	10,000,000
Transit Corridor "B" - Duke Street	12,190,000	-	-	55,800,000	-	19,200,000	-	-	-	-	-	75,000,000
Transit Corridor "C" - West End Transitway	13,619,167	4,029,000	24,587,000	32,613,000	5,000,000	-	-	-	-	-	-	66,229,000
Transitway Enhancements	1,454,491	-	-	-	-	-	-	-	-	-	-	-
High Capacity Transit Corridors Total	57,117,401	4,029,000	24,587,000	88,413,000	5,000,000	19,200,000	10,000,000	-	-	-	-	151,229,000
Non-Motorized Transportation												
Access Improvements at Landmark	-	513,000	1,013,100	5,288,500	-	-	-	-	-	-	-	6,814,600
Alexandria Mobility Plan	-	-	-	-	-	-	-	750,000	-	-	-	750,000
Bicycle Parking at Transit	543,742	-	-	-	-	-	-	-	-	-	-	-
Capital Bikeshare	5,769,748	485,582	350,600	50,000	400,000	-	-	-	-	-	-	1,286,182
CMAQ Contingency from Cancelled Backlick Run Multi-Use Paths	2,210,003	-	-	-	-	-	-	-	-	-	-	-
Complete Streets	10,668,903	671,000	798,900	828,500	858,400	889,600	922,100	956,500	991,300	1,028,100	1,066,000	9,010,400
Duke Street and West Taylor Run Safety Improvements	-	701,000	1,390,000	-	1,815,000	-	-	-	-	-	-	3,906,000
King Street-Bradlee Roadway Improvements	-	915,000	1,300,000	-	-	-	-	-	-	-	-	2,215,000
Lower King Street Street Closure	100,000	100,000	232,000	2,055,000	-	-	-	-	-	-	-	2,387,000
Mt. Vernon Avenue North Complete Streets	1,000,000	-	-	-	-	-	-	-	1,000,000	-	-	1,000,000
Mt. Vernon Trail @ East Abingdon	850,000	-	-	-	-	-	-	-	-	-	-	-
Old Cameron Run Trail	3,555,404	2,646,000	1,123,000	1,045,000	-	-	-	-	-	-	-	4,814,000
Safe Routes to School	-	100,000	154,600	419,200	431,800	501,200	515,900	626,900	645,800	665,200	685,200	4,745,800
Seminary / Howard Safety Improvements	377,990	-	-	-	-	-	-	-	-	-	-	-
Sidewalk Capital Maintenance	5,298,469	910,500	558,900	966,800	592,800	1,025,600	629,000	1,088,000	667,200	1,123,600	701,700	8,264,100
South Patrick Street Median Improvements	-	1,335,000	1,000,000	1,046,000	-	-	-	-	-	-	-	3,381,000
Transportation Project Planning	-	250,000	350,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,600,000
Non-Motorized Transportation Total	30,374,259	8,627,082	8,271,100	11,949,000	4,348,000	2,666,400	2,317,000	3,671,400	3,554,300	3,066,900	2,702,900	51,174,082
Public Transit												
Bus Shelter Maintenance	-	113,000	116,400	119,900	123,500	127,200	131,000	135,000	139,000	143,200	147,500	1,295,700
DASH Bus Fleet Replacements	24,362,728	5,888,600	10,549,000	318,000	10,668,600	18,469,400	163,900	8,409,400	19,978,000	28,950,400	1,610,000	105,005,300
DASH Facility Expansion	18,858,161	-	2,928,000	1,281,000	-	-	-	-	-	-	-	4,209,000
DASH Fleet Expansion & Electrification	-	-	12,147,500	12,015,000	5,027,800	-	-	-	-	-	-	29,190,300
Eisenhower Metrorail Station Improvements	6,794,840	-	-	-	-	-	-	-	-	-	-	-
Electric Bus On-Route Charging Stations	-	-	-	1,894,000	1,950,800	1,004,800	-	-	-	-	-	4,849,600
King Street Metrorail Station Area Improvements	17,910,395	-	-	-	-	-	-	-	-	-	-	-
Landmark Mall Transit Center	-	-	-	-	6,987,700	6,009,500	-	-	-	-	-	12,997,200
Potomac Yard Metrorail Station	385,066,657	-	-	-	-	-	-	-	-	-	-	-
Transit Access & Amenities	5,194,148	400,000	-	-	-	-	-	-	-	-	-	400,000
Transit Staffing Contingency	-	-	-	-	-	-	-	-	-	-	-	-
Transit Strategic Plan in Alexandria	150,000	-	-	-	-	-	-	-	-	-	-	-
Public Transit Total	458,336,929	6,401,600	25,740,900	15,627,900	24,758,400	25,610,900	294,900	8,544,400	20,117,000	29,093,600	1,757,500	157,947,100
Smart Mobility												
Citywide Parking - Parking Technologies	1,610,169	250,000	-	-	-	-	-	-	-	-	-	250,000
Citywide Trans. Mgmt. Tech. - Broadband Communications Link	1,018,742	-	-	-	-	-	-	-	-	-	-	-
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	10,709,051	735,189	600,000	2,385,400	-	-	-	-	-	-	-	3,720,589
Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade	653,000	60,000	175,200	202,800	208,800	215,000	221,400	228,200	235,100	242,200	491,700	2,280,400
Citywide Trans. Mgmt. Tech. - Transportation Technologies	1,620,312	265,300	-	281,500	-	298,500	309,500	316,800	326,300	336,100	336,100	2,470,100
DASH Technologies	627,568	350,000	255,800	-	1,026,000	1,307,400	289,900	-	-	-	-	3,229,100
Smart Mobility Implementation	-	-	-	-	3,306,400	883,000	-	-	-	-	-	4,189,400
Traffic Adaptive Signal Control	5,266,347	2,953,000	-	-	-	-	-	-	-	-	-	2,953,000
Transit Signal Priority	1,255,491	-	374,000	1,736,000	-	-	-	-	-	-	-	2,110,000
Smart Mobility Total	22,760,680	4,613,489	1,405,000	4,605,700	4,541,200	2,703,900	820,800	545,000	561,400	578,300	827,800	21,202,589
Streets and Bridges												
Bridge Repairs	13,157,092	2,517,788	2,733,600	2,979,500	3,209,200	7,063,900	4,934,600	5,949,700	6,320,800	6,846,800	7,284,100	49,839,988
City Standard Construction Specifications	331,604	-	-	-	-	-	-	-	-	-	-	-
East Glebe & Route 1	4,600,000	-	350,000	-	535,000	-	1,317,000	1,261,000	-	-	-	3,463,000
Eisenhower Avenue Roadway Improvements	11,690,110	-	-	-	-	-	-	-	-	-	-	-
Fixed Transportation Equipment	25,072,201	2,593,400	1,081,300	985,000	1,068,500	1,074,800	1,107,000	1,140,300	1,232,100	1,243,100	1,280,400	12,805,900
Four Mile Run Bridge Program	13,000,000	7,000,000	500,000	-	-	-	-	-	-	-	-	7,500,000
Historic Infrastructure Materials	-	508,300	387,300	398,700	414,400	498,300	447,900	465,700	483,900	546,500	587,200	4,738,200
King & Beaugard Intersection Improvements	18,025,656	1,200,000	1,100,000	-	-	-	-	-	-	-	-	2,300,000
Landmark Mall 395 Ramp Improvements	3,260,000	-	-	-	8,842,200	-	-	-	-	-	-	8,842,200

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Seminary Road at Beauregard Street Ellipse	325,000	500,000	-	3,250,000	-	33,000,000	-	-	-	-	-	36,750,000
Street Reconstruction & Resurfacing of Major Roads	52,098,576	7,110,000	5,150,000	5,250,000	5,460,000	5,600,000	6,380,000	8,600,000	5,060,000	8,050,000	6,760,000	63,420,000
Streets and Bridges Total	141,560,239	21,429,488	11,302,200	12,863,200	19,529,300	47,237,000	14,186,500	17,416,700	13,096,800	16,686,400	15,911,700	189,659,288
Transportation Total	710,149,508	45,100,659	71,306,200	133,458,800	58,176,900	97,418,200	27,619,200	30,177,500	37,329,500	49,425,200	21,199,900	571,212,059
WMATA Capital Contributions												
Public Transit												
WMATA Capital Contributions	178,051,034	16,260,000	16,655,000	17,065,000	17,485,000	17,920,000	18,365,000	18,825,000	19,300,000	19,790,000	20,120,000	181,785,000
Public Transit Total	178,051,034	16,260,000	16,655,000	17,065,000	17,485,000	17,920,000	18,365,000	18,825,000	19,300,000	19,790,000	20,120,000	181,785,000
WMATA Capital Contributions Total	178,051,034	16,260,000	16,655,000	17,065,000	17,485,000	17,920,000	18,365,000	18,825,000	19,300,000	19,790,000	20,120,000	181,785,000
<b>Grand Total</b>	<b>1,630,646,784</b>	<b>561,155,721</b>	<b>390,169,900</b>	<b>455,279,430</b>	<b>205,596,767</b>	<b>231,800,085</b>	<b>259,282,759</b>	<b>160,046,662</b>	<b>153,412,965</b>	<b>167,781,738</b>	<b>140,522,050</b>	<b>2,725,048,078</b>



Table 5  
Proposed FY 2023 – FY 2032 Capital Improvement Program  
Summary of Projects by Project Category



Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Floodproofing Grant Program	750,000	769,000	789,000	809,000	830,000	851,000	873,000	895,000	918,000	941,000	965,000	8,640,000
Inspection and Cleaning (State of Good Repair) CFMP	3,852,000	1,268,000	1,457,000	1,578,000	1,695,000	1,835,000	2,006,000	2,220,000	2,496,000	2,862,000	3,304,000	20,721,000
MS4-TDML Compliance Water Quality Improvements	5,605,000	1,300,000	2,100,000	1,800,000	2,050,000	1,750,000	2,000,000	2,575,000	1,500,000	1,000,000	1,750,000	17,825,000
Phosphorus Exchange Bank	-	-	-	-	-	-	-	-	-	-	-	-
Small-Midsize Stormwater Maintenance Projects	-	581,300	613,900	649,100	685,900	724,400	765,800	809,100	854,200	901,400	922,900	7,508,000
Storm Sewer Capacity Projects	26,685,988	-	-	-	15,950,000	15,200,000	13,675,000	6,700,000	6,350,000	4,000,000	7,000,000	68,875,000
Storm Sewer System Spot Improvements	11,165,902	5,907,000	4,011,000	4,122,000	4,228,000	4,337,000	4,540,000	4,606,000	4,688,000	4,812,000	4,937,000	46,188,000
Stormwater BMP Maintenance CFMP	520,000	286,000	303,500	1,575,300	1,622,500	317,100	326,600	336,400	346,500	356,900	1,792,200	7,263,000
Stream & Channel Maintenance	7,429,454	881,000	907,500	934,700	962,700	991,600	1,021,400	1,052,000	1,083,600	1,116,100	1,149,600	10,100,200
Stormwater Management Total	56,008,344	11,190,300	10,181,900	11,468,100	28,024,100	26,006,100	25,207,800	19,193,500	18,236,300	15,989,400	21,820,700	187,318,200
Transportation												
Bridge Repairs	13,157,092	2,517,788	2,733,600	2,979,500	3,209,200	7,063,900	4,934,600	5,949,700	6,320,800	6,846,800	7,284,100	49,839,988
Bus Shelter Maintenance	-	113,000	116,400	119,900	123,500	127,200	131,000	135,000	139,000	143,200	147,500	1,295,700
Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade	653,000	60,000	175,200	202,800	208,800	215,000	221,400	228,200	235,100	242,200	491,700	2,280,400
DASH Bus Fleet Replacements	24,362,728	5,888,600	10,549,000	318,000	10,668,600	18,469,400	163,900	8,409,400	19,978,000	28,950,400	1,610,000	105,005,300
Fixed Transportation Equipment	25,072,201	2,593,400	1,081,300	985,000	1,068,500	1,074,800	1,107,000	1,140,300	1,232,100	1,243,100	1,280,400	12,805,900
Four Mile Run Bridge Program	13,000,000	7,000,000	500,000	-	-	-	-	-	-	-	-	7,500,000
Historic Infrastructure Materials	-	508,300	387,300	398,700	414,400	498,300	447,900	465,700	483,900	546,500	587,200	4,738,200
Sidewalk Capital Maintenance	5,298,469	910,500	558,900	966,800	592,800	1,025,600	629,000	1,088,000	667,200	1,123,600	701,700	8,264,100
Street Reconstruction & Resurfacing of Major Roads	52,098,576	7,110,000	5,150,000	5,250,000	5,460,000	5,600,000	6,380,000	8,600,000	5,060,000	8,050,000	6,760,000	63,420,000
Transportation Total	133,642,066	26,701,588	21,251,700	11,220,700	21,745,800	34,074,200	14,014,800	26,016,300	34,116,100	47,145,800	18,862,600	255,149,588
WMATA Capital Contributions												
WMATA Capital Contributions	178,051,034	16,260,000	16,655,000	17,065,000	17,485,000	17,920,000	18,365,000	18,825,000	19,300,000	19,790,000	20,120,000	181,785,000
WMATA Capital Contributions Total	178,051,034	16,260,000	16,655,000	17,065,000	17,485,000	17,920,000	18,365,000	18,825,000	19,300,000	19,790,000	20,120,000	181,785,000
Category 1 Total	575,881,567	70,675,188	67,940,400	67,575,900	84,163,400	100,066,600	94,730,500	93,788,800	96,349,800	118,694,700	89,929,800	883,915,088
Category 2												
Community Development												
Braddock Road Area Plan - Streetscape Improvements	812,564	150,000	150,000	150,000	150,000	50,000	50,000	50,000	50,000	50,000	50,000	900,000
Dry Fire Hydrants	-	-	128,800	-	-	-	-	-	-	-	-	128,800
Environmental Restoration	1,538,509	293,000	170,000	323,000	391,000	360,000	254,000	375,000	298,000	422,000	337,000	3,223,000
Knox Box Replacement	-	616,500	-	-	-	-	-	-	-	-	-	616,500
Oronoco Outfall Remediation Project	13,662,378	1,010,000	2,550,000	1,100,000	5,050,000	50,000	-	-	-	-	-	9,760,000
Community Development Total	16,013,451	2,069,500	2,998,800	1,573,000	5,591,000	460,000	304,000	425,000	348,000	472,000	387,000	14,628,300
IT Plan												
Office of Voter Registrations and Elections Equipment Replacement	100,000	-	-	-	-	-	-	1,001,800	-	-	-	1,001,800
IT Plan Total	100,000	-	-	-	-	-	-	1,001,800	-	-	-	1,001,800
Public Buildings												
2900-B Business Warehouse	-	-	-	-	-	-	123,600	111,900	-	904,900	-	1,140,400
Beatley Building Envelope Restoration	1,843,504	-	-	-	-	-	-	-	-	-	-	-
Burke Branch Renovation	825,000	-	-	-	-	-	-	-	-	-	-	-
City Hall Renovation and HVAC Replacement	13,203,820	-	9,296,000	51,503,500	9,296,000	-	-	-	-	-	-	70,095,500
City Hall Swing Space	-	-	5,032,200	25,283,400	5,032,200	-	-	-	-	-	-	35,347,800
Courthouse/PSC Security System Upgrade	3,328,100	-	-	-	-	-	-	-	-	-	5,313,100	5,313,100
Fire Station 203 (Cameron Mills)	12,573,610	-	-	-	-	-	-	-	-	-	-	-
Fire Station 205 (Cameron Street)	-	-	-	6,174,000	-	-	4,141,700	18,390,600	-	-	-	28,706,300
Fire Station 207 (Duke Street)	-	-	-	-	-	-	-	-	-	-	-	-
Fire Training Center Renovation	-	-	-	-	-	-	-	-	-	-	1,216,800	1,216,800
Freedom House Museum Restoration	-	-	-	-	-	-	-	-	-	96,000	750,000	846,000
Gadsby's Tavern Restaurant Equipment	-	-	360,600	-	-	-	-	-	-	-	-	360,600
Landmark Fire Station (formerly Fire Station 208 Replacement)	-	-	4,000,000	-	-	-	19,351,300	-	-	-	-	23,351,300
Market Square Plaza and Garage Structural Repairs	10,493,300	-	1,000,000	3,957,000	-	-	-	-	-	-	-	4,957,000
Minnie Howard Campus Project	-	12,093,300	-	-	-	-	-	-	-	-	-	12,093,300
New Burn Building	325,400	-	3,015,900	-	-	-	-	-	-	-	-	3,015,900
Pistol Range	2,963,250	-	-	-	-	-	-	-	-	-	-	-
Preventative Maintenance Systems and Staffing Study	350,000	-	-	-	-	-	-	-	-	-	-	-
PSC Fuel Station Refurbishment	-	1,218,600	-	-	-	-	-	-	-	-	-	1,218,600
Union Station Improvements	-	-	-	-	250,000	-	-	-	-	-	-	250,000
Witter/Wheeler - Fuel Island Renovation	600,000	-	2,000,000	-	-	-	-	-	-	-	-	2,000,000
Witter/Wheeler Campus Funding Reservation	1,306,000	-	2,114,800	6,022,000	-	-	-	-	-	4,300,000	2,140,000	14,576,800
Public Buildings Total	47,811,984	13,311,900	26,819,500	92,939,900	14,578,200	-	23,616,600	18,502,500	-	5,300,900	9,419,900	204,489,400
Recreation & Parks												
Athletic Field Improvements (incl. Synthetic Turf)	-	804,000	16,521,000	106,100	-	-	-	-	-	-	-	17,431,100
Citywide Parks Improvements Plan	12,173,082	-	-	-	64,800	700,000	-	-	-	-	-	764,800
Douglass Cemetery Restoration	-	240,000	2,170,000	695,000	-	-	-	-	-	-	-	3,105,000
Fort Ward Management Plan Implementation	-	-	646,700	2,315,000	-	-	-	-	-	-	-	2,961,700
Holmes Run Trail Repairs	6,026,017	1,200,000	-	-	-	-	-	-	-	-	-	1,200,000
Neighborhood Pool Demolition and Conversion	1,083,259	-	-	-	-	-	-	-	-	-	-	-
Patrick Henry Turf Fields and Recreation Center	-	1,000,000	1,600,000	-	-	-	-	-	-	-	-	2,600,000
Playground Renovations CFMP	-	813,000	-	191,000	338,000	1,924,900	1,275,400	-	-	-	-	4,542,300
Restroom Renovations	1,110,000	790,800	123,600	-	32,800	33,800	34,800	-	602,800	-	169,700	1,788,300
Windmill Hill Park Improvements	7,009,000	5,646,100	-	-	-	-	-	-	-	-	-	5,646,100
Recreation & Parks Total	27,401,358	10,493,900	21,061,300	3,307,100	435,600	2,658,700	1,310,200	-	602,800	-	169,700	40,039,300
Sanitary Sewers												

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Citywide Sewershed Infiltration & Inflow	19,896,715	-	-	-	-	-	-	-	-	-	-	-
Combined Sewer Wet Weather Mitigation	-	1,500,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,500,000
Sanitary Sewer Stream Crossing Protection	-	1,125,000	-	4,132,700	-	140,700	-	149,300	-	158,400	-	5,706,100
Sanitary Sewer Wet Weather Mitigation	-	3,000,000	1,500,000	1,500,000	1,000,000	1,000,000	500,000	500,000	500,000	500,000	500,000	10,500,000
Sanitary Sewers Total	19,896,715	5,625,000	2,500,000	6,632,700	2,000,000	2,140,700	1,500,000	1,649,300	1,500,000	1,658,400	1,500,000	26,706,100
Stormwater Management												
Four Mile Run Channel Maintenance	3,475,281	936,600	-	300,000	300,000	-	1,251,300	2,900,000	-	300,000	300,000	6,287,900
Hooffs Run Culvert	-	-	-	-	1,616,000	-	-	-	-	2,510,000	-	4,126,000
Lucky Run Stream Restoration	2,852,715	-	-	-	-	-	-	-	-	-	-	-
Strawberry Run Stream Restoration	1,645,138	-	-	-	-	-	-	-	-	-	-	-
Taylor Run Stream Restoration	4,540,258	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management Total	12,513,392	936,600	-	300,000	1,916,000	-	1,251,300	2,900,000	-	2,810,000	300,000	10,413,900
Transportation												
Alexandria Mobility Plan	-	-	-	-	-	-	-	750,000	-	-	-	750,000
Eisenhower Metrorail Station Improvements	6,794,840	-	-	-	-	-	-	-	-	-	-	-
King Street-Bradlee Roadway Improvements	-	915,000	1,300,000	-	-	-	-	-	-	-	-	2,215,000
Landmark Mall 395 Ramp Improvements	3,260,000	-	-	-	8,842,200	-	-	-	-	-	-	8,842,200
Mt. Vernon Trail @ East Abingdon	850,000	-	-	-	-	-	-	-	-	-	-	-
Safe Routes to School	-	100,000	154,600	419,200	431,800	501,200	515,900	626,900	645,800	665,200	685,200	4,745,800
South Patrick Street Median Improvements	-	1,335,000	1,000,000	1,046,000	-	-	-	-	-	-	-	3,381,000
Transit Signal Priority	1,255,491	-	374,000	1,736,000	-	-	-	-	-	-	-	2,110,000
Transportation Total	12,160,331	2,350,000	2,828,600	3,201,200	9,274,000	501,200	515,900	1,376,900	645,800	665,200	685,200	22,044,000
Category 2 Total	135,897,231	34,786,900	56,208,200	107,953,900	33,794,800	5,760,600	28,498,000	25,855,500	3,096,600	10,906,500	12,461,800	319,322,800
Category 3												
Community Development												
Citywide Electric Vehicle Charging Stations	-	500,000	1,000,000	1,982,600	1,016,600	769,400	898,500	800,400	816,400	832,800	849,400	9,466,100
Citywide Street Lighting	3,081,301	25,000	25,800	26,600	27,400	28,200	29,000	29,900	30,800	31,700	32,700	287,100
CMI Services for Landmark Development Infrastructure	-	465,600	465,600	173,600	-	-	-	-	-	-	-	1,104,800
Development Studies	2,055,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Landmark Mall Redevelopment Project	21,450,000	63,000,000	56,000,000	-	-	-	-	-	-	-	-	119,000,000
Office of Historic Alexandria Initiatives	745,095	125,000	41,000	265,200	273,200	168,900	173,900	179,100	-	-	-	1,226,300
Police Body Worn Cameras	-	TBD	(0)	(0)	-	-	-	-	-	-	-	(0)
Project Budgeting Excellence	737,000	471,000	265,000	726,100	282,100	770,100	299,100	817,100	842,100	851,100	860,100	6,183,800
Public Art Acquisition	2,293,184	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,000,000
Stream Valley Design Guidelines	-	-	-	-	273,300	-	-	-	-	-	-	273,300
Transportation Signage & Wayfinding System	2,317,000	-	-	-	-	-	-	-	-	-	-	-
Waterfront Small Area Plan Implementation (w/ Construction Funding)	41,421,648	35,041,000	48,200,000	-	-	-	-	-	-	-	-	83,241,000
Community Development Total	74,100,228	100,377,600	106,747,400	3,924,100	2,622,600	2,486,600	2,150,500	2,576,500	2,439,300	2,465,600	2,492,200	228,282,400
IT Plan												
Data Quality and Intelligence Platforms	-	-	-	150,000	300,000	350,000	-	-	-	-	-	800,000
IT Plan Total	-	-	-	150,000	300,000	350,000	-	-	-	-	-	800,000
Public Buildings												
DCHS Consolidation and Co-Location	24,358,007	73,200,000	-	-	-	-	-	-	-	-	-	73,200,000
Tactical Training Space	309,000	-	-	-	-	-	-	-	-	-	-	-
Public Buildings Total	24,667,007	73,200,000	-	-	-	-	-	-	-	-	-	73,200,000
Recreation & Parks												
Athletic Field Improvements (incl. Synthetic Turf)	9,944,512	-	-	1,423,300	16,400	666,900	771,000	18,000	18,500	842,600	867,800	4,624,500
Braddock Area Plan Park	2,546,207	-	-	-	-	-	-	-	-	-	-	-
Cameron Run Regional Park Feasibility Study	-	-	-	291,800	-	-	-	-	-	-	-	291,800
Citywide Parks Improvements Plan	-	-	-	-	-	-	-	-	-	-	-	-
Community Matching Fund	914,857	100,000	-	-	-	200,000	-	200,000	-	200,000	-	700,000
Dora Kelly Fair-Weather Crossing Replacement with Bridge	-	-	-	595,000	-	-	-	-	-	-	-	595,000
Douglas MacArthur School - Recreation & Parks Programming Space	2,001,592	-	-	-	-	-	-	-	-	-	-	-
Fort Ward Management Plan Implementation	1,175,172	200,000	-	-	-	218,800	-	232,000	-	246,000	-	896,800
Four Mile Run Park	-	-	-	-	1,266,900	605,000	15,489,100	-	-	-	-	17,361,000
Four Mile Run Park Bridge Replacement	-	1,293,800	-	-	-	-	-	-	-	-	-	1,293,800
Four Mile Run Park Wetlands Connector Bridge	652,205	-	-	-	-	-	-	-	-	-	-	-
Old Town Pool	-	1,474,400	-	8,814,600	-	-	-	-	-	-	-	10,289,000
Open Space Acquisition and Develop.	20,380,258	400,000	330,000	337,000	344,000	351,000	358,000	365,000	372,000	379,000	387,000	3,623,000
Patrick Henry Recreation Center	7,259,986	-	-	-	-	-	-	-	-	-	-	-
Potomac Yard Park Basketball Court Lights	98,330	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks Total	44,973,120	3,468,200	330,000	11,461,700	1,627,300	2,041,700	16,618,100	815,000	390,500	1,667,600	1,254,800	39,674,900
Sanitary Sewers												
AlexRenew Wastewater Treatment Plant Capacity	-	-	-	-	2,400,000	-	-	-	-	-	-	2,400,000
Combined Sewer Assessment & Rehabilitation	11,505,000	-	4,130,000	-	-	-	-	-	-	-	-	4,130,000
Sanitary Sewers Total	11,505,000	-	4,130,000	-	2,400,000	-	-	-	-	-	-	6,530,000
Stormwater Management												
Cameron Station Pond Retrofit	4,723,474	-	-	-	-	-	-	-	-	-	-	-
City Facilities Stormwater Best Management Practices (BMPs)	1,633,000	-	-	-	-	-	-	-	-	-	-	-
Green Infrastructure	2,311,026	-	1,549,600	-	-	-	-	-	-	-	-	1,549,600
Large Capacity - Commonwealth Ave & E. Glebe/Ashby St & Glebe Rd	830,000	26,407,300	12,632,800	-	-	-	-	-	-	-	-	39,040,100
Large Capacity - Hooffs Run Culvert Bypass	1,070,000	-	16,176,100	32,352,100	-	-	-	-	-	-	-	48,528,200
NPDES / MS4 Permit	1,150,000	-	170,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	185,900	1,594,700

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Spot Project - Hume Avenue Bypass	1,070,000	-	-	-	-	-	-	-	-	-	-	-
Spot Project - Mt. Vernon Cul-de-sac and Alley	830,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Utility Implementation	1,673,200	-	-	-	-	-	-	-	-	-	-	-
<b>Stormwater Management Total</b>	<b>15,290,700</b>	<b>26,407,300</b>	<b>30,528,500</b>	<b>32,523,800</b>	<b>173,500</b>	<b>175,200</b>	<b>177,000</b>	<b>178,700</b>	<b>180,500</b>	<b>182,200</b>	<b>185,900</b>	<b>90,712,600</b>
<b>Transportation</b>												
Access Improvements at Landmark	-	513,000	1,013,100	5,288,500	-	-	-	-	-	-	-	6,814,600
Bicycle Parking at Transit	543,742	-	-	-	-	-	-	-	-	-	-	-
Capital Bikeshare	5,769,748	485,582	350,600	50,000	400,000	-	-	-	-	-	-	1,286,182
City Standard Construction Specifications	331,604	-	-	-	-	-	-	-	-	-	-	-
Citywide Parking - Parking Technologies	1,610,169	250,000	-	-	-	-	-	-	-	-	-	250,000
Citywide Trans. Mgmt. Tech. - Broadband Communications Link	1,018,742	-	-	-	-	-	-	-	-	-	-	-
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	10,709,051	735,189	600,000	2,385,400	-	-	-	-	-	-	-	3,720,589
Citywide Trans. Mgmt. Tech. - Transportation Technologies	1,620,312	265,300	-	281,500	-	298,500	309,500	316,800	326,300	336,100	336,100	2,470,100
CMAQ Contingency from Cancelled Backlick Run Multi-Use Paths	2,210,003	-	-	-	-	-	-	-	-	-	-	-
Complete Streets	10,668,903	671,000	798,900	828,500	858,400	889,600	922,100	956,500	991,300	1,028,100	1,066,000	9,010,400
DASH Facility Expansion	18,858,161	-	2,928,000	1,281,000	-	-	-	-	-	-	-	4,209,000
DASH Fleet Expansion & Electrification	-	-	12,147,500	12,015,000	5,027,800	-	-	-	-	-	-	29,190,300
DASH Technologies	627,568	350,000	255,800	-	1,026,000	1,307,400	289,900	-	-	-	-	3,229,100
Duke Street and West Taylor Run Safety Improvements	-	701,000	1,390,000	-	1,815,000	-	-	-	-	-	-	3,906,000
East Glebe & Route 1	4,600,000	-	350,000	-	535,000	-	1,317,000	1,261,000	-	-	-	3,463,000
Eisenhower Avenue Roadway Improvements	11,690,110	-	-	-	-	-	-	-	-	-	-	-
Electric Bus On-Route Charging Stations	-	-	-	1,894,000	1,950,800	1,004,800	-	-	-	-	-	4,849,600
King & Beauregard Intersection Improvements	18,025,656	1,200,000	1,100,000	-	-	-	-	-	-	-	-	2,300,000
King Street Metrorail Station Area Improvements	17,910,395	-	-	-	-	-	-	-	-	-	-	-
Landmark Mall Transit Center	-	-	-	-	6,987,700	6,009,500	-	-	-	-	-	12,997,200
Lower King Street Street Closure	100,000	100,000	232,000	2,055,000	-	-	-	-	-	-	-	2,387,000
Mt. Vernon Avenue North Complete Streets	1,000,000	-	-	-	-	-	-	-	1,000,000	-	-	1,000,000
Old Cameron Run Trail	3,555,404	2,646,000	1,123,000	1,045,000	-	-	-	-	-	-	-	4,814,000
Potomac Yard Metrorail Station	385,066,657	-	-	-	-	-	-	-	-	-	-	-
Seminary / Howard Safety Improvements	377,990	-	-	-	-	-	-	-	-	-	-	-
Seminary Road at Beauregard Street Ellipse	325,000	500,000	-	3,250,000	-	33,000,000	-	-	-	-	-	36,750,000
Smart Mobility Implementation	-	-	-	-	3,306,400	883,000	-	-	-	-	-	4,189,400
Traffic Adaptive Signal Control	5,266,347	2,953,000	-	-	-	-	-	-	-	-	-	2,953,000
Transit Access & Amenities	5,194,148	400,000	-	-	-	-	-	-	-	-	-	400,000
Transit Corridor "A" - Route 1	29,853,743	-	-	-	-	-	10,000,000	-	-	-	-	10,000,000
Transit Corridor "B" - Duke Street	12,190,000	-	-	55,800,000	-	19,200,000	-	-	-	-	-	75,000,000
Transit Corridor "C" - West End Transitway	13,619,167	4,029,000	24,587,000	32,613,000	5,000,000	-	-	-	-	-	-	66,229,000
Transit Strategic Plan in Alexandria	150,000	-	-	-	-	-	-	-	-	-	-	-
Transitway Enhancements	1,454,491	-	-	-	-	-	-	-	-	-	-	-
Transportation Project Planning	-	250,000	350,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,600,000
<b>Transportation Total</b>	<b>564,347,111</b>	<b>16,049,071</b>	<b>47,225,900</b>	<b>119,036,900</b>	<b>27,157,100</b>	<b>62,842,800</b>	<b>13,088,500</b>	<b>2,784,300</b>	<b>2,567,600</b>	<b>1,614,200</b>	<b>1,652,100</b>	<b>294,018,471</b>
<b>Category 3 Total</b>	<b>734,883,165</b>	<b>219,502,171</b>	<b>188,961,800</b>	<b>167,096,500</b>	<b>34,280,500</b>	<b>67,896,300</b>	<b>32,034,100</b>	<b>6,354,500</b>	<b>5,577,900</b>	<b>5,929,600</b>	<b>5,585,000</b>	<b>733,218,371</b>
<b>CIP Development &amp; Implementation Staff</b>												
<b>CIP Development &amp; Implementation Staff</b>												
Capital Budget Staff (1.50 FTE)	181,084	201,000	211,000	222,000	233,000	245,000	257,000	270,000	284,000	298,000	313,000	2,534,000
Capital Procurement Personnel (8.10 FTE)	1,578,557	1,007,000	1,057,000	1,110,000	1,166,000	1,224,000	1,285,000	1,349,000	1,417,000	1,488,000	1,562,000	12,665,000
Capital Project Development Team (2.00 FTE)	305,556	219,000	230,000	242,000	254,000	267,000	280,000	294,000	309,000	324,000	340,000	2,759,000
Capital Project Implementation Non-Personnel Expenditures	-	324,000	334,000	344,000	354,000	365,000	376,000	387,000	399,000	411,000	423,000	3,717,000
Capital Project Implementation Personnel (30.00 FTE)	4,380,807	-	-	-	-	-	-	-	-	-	-	-
General Services Capital Projects Staff (7.80)	1,086,874	1,080,700	1,134,000	1,191,100	1,250,900	1,314,300	1,380,400	1,449,200	1,520,600	1,596,600	1,677,200	13,595,000
IT Systems Implementation Staff (2.50 FTE)	502,038	131,000	348,000	365,000	383,000	402,000	422,000	443,000	465,000	488,000	512,000	3,959,000
Open Space Management Staff (2.00 FTE)	297,772	274,800	288,300	301,900	317,200	333,300	350,100	367,600	385,700	405,500	424,900	3,449,300
Public Private Partnerships Coordinator (0.50 FTE)	262,721	123,000	129,000	135,000	142,000	149,000	156,000	164,000	172,000	181,000	190,000	1,541,000
Capital Project Implementation Personnel (31.00 FTE)	-	5,031,300	5,368,000	5,637,830	5,918,167	6,214,085	6,525,459	6,852,262	7,194,565	7,555,238	7,931,350	64,228,257
Real Estate Acquisition Attorney (1.00 FTE)	-	130,700	183,000	192,200	201,900	212,000	222,600	233,800	245,500	257,800	270,700	2,150,200
<b>CIP Development &amp; Implementation Staff Total</b>	<b>8,595,409</b>	<b>8,522,500</b>	<b>9,282,300</b>	<b>9,741,030</b>	<b>10,220,167</b>	<b>10,725,685</b>	<b>11,254,559</b>	<b>11,809,862</b>	<b>12,392,365</b>	<b>13,005,138</b>	<b>13,644,150</b>	<b>110,597,757</b>
<b>Transportation</b>												
Transit Staffing Contingency	-	-	-	-	-	-	-	-	-	-	-	-
<b>Transportation Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>CIP Development &amp; Implementation Staff Total</b>	<b>8,595,409</b>	<b>8,522,500</b>	<b>9,282,300</b>	<b>9,741,030</b>	<b>10,220,167</b>	<b>10,725,685</b>	<b>11,254,559</b>	<b>11,809,862</b>	<b>12,392,365</b>	<b>13,005,138</b>	<b>13,644,150</b>	<b>110,597,757</b>
<b>IT Plan</b>												
<b>IT Plan</b>												
AJIS System	13,507,013	2,113,000	432,000	440,000	298,000	307,000	316,000	325,000	385,000	217,000	356,000	5,189,000
Animal Shelter Server Replacement	130,000	-	-	-	-	-	-	-	-	-	-	-
Business Tax System/Reciprocity Contractor System	1,224,595	-	-	-	-	-	-	-	-	-	-	-
Computer Aided Dispatch (CAD) System Replacement	16,828,313	1,104,000	5,009,000	114,000	120,000	126,000	132,000	139,000	146,000	153,000	161,000	7,204,000
Computerized Maintenance Management System (CMMS)	325,000	-	165,600	-	-	-	-	-	-	-	-	165,600
Connectivity Initiatives	13,010,270	600,000	630,000	661,500	694,600	-	-	-	-	-	-	2,586,100
Council Chamber Technology Upgrade	350,000	750,000	-	-	130,000	-	-	-	-	500,000	-	1,380,000
Courtroom Trial Presentation Technology	427,809	160,000	50,000	-	-	-	-	-	-	-	-	210,000
Customer Relationship Management System	1,731,507	-	-	-	200,000	-	-	-	-	-	-	200,000
Database Infrastructure	898,000	40,000	40,000	40,000	-	-	-	-	-	-	-	120,000
DCHS Integrated Client Information System	300,000	200,000	1,200,000	-	-	-	-	-	-	-	-	1,400,000

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Document Imaging	2,394,375	10,000	10,000	50,000	10,000	-	10,000	10,000	10,000	10,000	10,000	130,000
Electronic Citations Implementation	420,000	-	-	-	-	-	-	-	-	-	-	-
Electronic Government/Web Page	1,838,196	225,000	275,000	275,000	400,000	275,000	225,000	-	-	-	-	1,675,000
Emergency 911 Phone System Upgrade	1,700,000	255,000	-	-	-	-	-	-	-	-	-	255,000
EMS Records Management System	268,500	-	-	-	-	-	-	-	-	-	-	-
Enterprise Camera System	50,000	60,000	-	-	-	-	-	-	-	-	-	60,000
Enterprise Collaboration	757,095	170,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	440,000
Enterprise Data Storage Infrastructure	4,380,435	800,000	450,000	350,000	-	1,200,000	175,000	175,000	175,000	174,000	690,000	4,189,000
Enterprise Maintenance Mgmt System	429,400	60,000	40,000	40,000	40,000	-	-	-	-	-	-	180,000
Enterprise Resource Planning System	4,063,312	-	40,000	75,000	75,000	320,000	-	-	-	-	-	510,000
Enterprise Service Catalog	260,000	-	40,000	40,000	200,000	-	40,000	-	40,000	-	-	360,000
Fire Dept RMS	329,000	-	-	-	-	-	-	-	-	-	-	-
Fleet Management System	140,000	-	-	-	-	-	-	-	-	-	-	-
FOIA System Replacement	115,000	-	-	-	-	-	-	-	-	-	-	-
GIS Development	2,594,500	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	70,000	525,000
HIPAA & Related Health Information Technologies	678,000	60,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	285,000
Impound Lot System Replacement	200,000	-	-	-	-	-	-	-	-	-	-	-
Information Technology Equipment Replacement	4,804,793	995,000	1,000,000	1,005,000	1,010,000	1,016,000	972,000	978,000	984,000	991,000	998,000	9,949,000
Information Technology Lump Sum Funding	-	-	2,200,000	3,200,000	3,200,000	3,200,000	3,400,000	3,400,000	3,400,000	2,050,000	2,050,000	26,100,000
IT Enterprise Management System	510,000	-	-	-	-	-	-	-	-	-	-	-
LAN Development	518,921	-	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
LAN/WAN Infrastructure	9,635,055	1,064,000	1,080,000	1,742,000	740,000	1,004,000	1,048,000	1,143,000	449,000	471,000	685,000	9,426,000
Library Information Technology Equipment Replacement	257,438	61,400	35,300	133,100	38,900	89,900	43,000	45,000	183,300	49,700	52,200	731,800
Library Public Access Computers and Print Mgmt System	45,000	80,500	-	-	-	-	113,200	-	-	-	-	193,700
Library Scanning Equipment and DAMS	-	-	-	1,600	71,600	-	1,900	-	-	88,100	7,200	170,400
Library Self-Service Stations/Equipment	158,296	-	-	-	-	-	-	-	-	-	-	-
Migration of Integrated Library System to SAAS Platform	42,000	166,100	83,600	3,000	3,000	3,000	213,900	109,100	3,000	3,000	166,100	753,800
Municipal Fiber	18,963,000	174,500	154,000	912,000	320,000	329,000	338,000	347,000	357,000	367,000	228,000	3,526,500
Network Security	4,379,881	500,000	605,000	400,000	400,000	800,000	350,000	350,000	350,000	500,000	500,000	4,755,000
Network Server Infrastructure	8,721,143	70,000	1,030,000	-	-	-	-	-	800,000	300,000	-	2,200,000
OHA Point-of-Sale System Replacement	-	293,100	-	-	-	-	-	-	108,700	-	-	401,800
OHA Records Management System Replacement	105,000	-	-	-	-	-	-	-	141,300	-	-	141,300
Parking Citation System Replacement	410,000	-	-	-	-	-	-	-	-	-	-	-
Permit Processing	5,082,691	-	-	-	-	-	-	-	-	-	-	-
Personal Property Tax System	2,592,039	-	-	-	-	-	-	-	600,000	-	-	600,000
Phone, Web, Portable Device Payment Portals	275,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Project Management Software	185,000	50,000	-	50,000	-	-	-	50,000	-	50,000	-	200,000
Radio System Upgrade	3,191,460	3,761,262	1,520,000	2,742,000	-	-	1,000,000	1,000,000	-	-	-	10,023,262
Real Estate Account Receivable System	1,635,000	-	-	-	175,000	-	-	-	200,000	-	-	375,000
Real Estate Assessment System (CAMA)	325,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Recreation Database System	450,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
Remote Access	1,168,000	175,000	250,000	800,000	-	-	-	-	-	-	-	1,225,000
Small Systems Replacements	-	20,000	20,000	20,000	20,000	50,000	-	-	-	-	-	130,000
Time & Attendance System Upgrade	70,000	8,000	8,000	48,000	8,000	8,000	8,000	88,000	8,000	8,000	8,000	200,000
Upgrade Work Station Operating Systems	3,819,003	472,000	380,000	490,000	200,000	210,000	220,000	231,000	243,000	255,000	264,000	2,965,000
Voice Over Internet Protocol (VoIP)	5,747,173	-	84,000	249,000	932,000	850,000	-	-	-	-	-	2,115,000
IT Plan Total	142,441,211	14,577,862	17,031,500	14,041,200	9,501,100	9,957,900	8,806,000	8,550,100	8,783,300	6,346,800	6,375,500	103,971,262
IT Plan Total	142,441,211	14,577,862	17,031,500	14,041,200	9,501,100	9,957,900	8,806,000	8,550,100	8,783,300	6,346,800	6,375,500	103,971,262
<b>Grand Total</b>	<b>1,630,646,784</b>	<b>561,155,721</b>	<b>390,169,900</b>	<b>455,279,430</b>	<b>205,596,767</b>	<b>231,800,085</b>	<b>259,282,759</b>	<b>160,046,662</b>	<b>153,412,965</b>	<b>167,781,738</b>	<b>140,522,050</b>	<b>2,725,048,078</b>

# SUMMARY FUNDING TABLES

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**Table 1**  
**Proposed FY 2023 – FY 2032 Capital Improvement Program**  
**Total Sources and Uses of Capital Improvement Program Funds**

Source of Funds	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	TOTAL FY 2023 - 2032
All City Cash Sources (Cash Capital)											
General Fund Planned Appropriations (Transfer from General Fund)	34,259,890	34,775,000	35,300,000	35,850,000	36,400,000	36,950,000	37,525,000	38,100,000	38,675,000	39,226,000	367,060,890
Use of CIP Designated Fund Balance	10,000,000	10,000,000	-	-	-	-	-	-	-	-	20,000,000
Subtotal, All Unrestricted City Cash Sources	44,259,890	44,775,000	35,300,000	35,850,000	36,400,000	36,950,000	37,525,000	38,100,000	38,675,000	39,226,000	387,060,890
Unrestricted Borrowing Sources											
General Obligation Bonds (Excl. Sewers/TIP/Potomac Yard)	366,917,660	159,136,000	229,604,400	76,210,500	72,075,550	162,544,800	69,394,800	61,452,750	65,349,700	55,491,000	1,318,177,160
Subtotal, All Unrestricted City Sources	411,177,550	203,911,000	264,904,400	112,060,500	108,475,550	199,494,800	106,919,800	99,552,750	104,024,700	94,717,000	1,705,238,050
Restricted City Sources											
Meals Tax Dedication for Affordable Housing	4,906,000	5,004,000	5,104,000	5,206,000	5,310,000	5,417,000	5,525,000	5,635,000	5,748,000	5,863,000	53,718,000
Potomac Yard Special Tax District Revenue	202,900	213,000	223,100	234,200	246,300	258,400	271,500	284,600	298,700	313,800	2,546,500
Sanitary Sewer Fees and Fund Balance	6,524,000	11,971,000	12,020,700	9,837,000	7,629,700	7,043,000	7,249,300	7,160,000	7,381,400	7,289,000	84,105,100
Reprogrammed Project Balances (Sanitary)	4,500,000	-	-	-	-	-	-	-	-	-	4,500,000
Stormwater Utility Fees	9,073,818	8,038,400	9,159,930	9,714,667	9,159,385	8,335,159	7,556,262	6,455,865	5,324,638	3,272,650	76,090,775
Use of Stormwater Fund Utility Balance	2,139,182	-	-	-	-	-	-	-	-	-	2,139,182
General Obligation Bonds - Stormwater Management	28,540,000	34,070,000	36,600,000	21,940,000	18,640,000	20,000,000	16,500,000	13,835,000	15,625,000	21,100,000	226,850,000
Cash Capital - Transportation Improvement Program	1,896,300	1,571,400	1,929,400	1,775,500	2,022,700	1,993,500	2,167,800	2,250,300	2,390,300	2,156,600	20,153,800
Landmark Redevelopment Supported Bonds	63,000,000	56,000,000	-	-	-	-	-	-	-	-	119,000,000
Subtotal, Restricted City Sources	120,782,200	116,867,800	65,037,130	48,707,367	43,008,085	43,047,059	39,269,862	35,620,765	36,768,038	39,995,050	589,103,357
Non-City Sources											
ARPA	2,500,000	10,000,000	-	-	-	-	-	-	-	-	12,500,000
CMAQ/RSTP	1,770,771	1,156,400	2,385,400	4,682,400	2,190,400	289,900	-	-	-	-	12,475,271
Comcast Revenues	961,000	-	-	-	-	-	-	-	-	-	961,000
NVTA 30%	5,016,000	5,222,000	5,434,000	5,652,000	3,476,000	3,634,000	3,796,000	3,963,000	4,134,000	4,310,000	44,637,000
NVTA 70%	-	-	55,800,000	-	19,200,000	-	-	-	-	-	75,000,000
NVTA 70% (Unsecured)	-	-	-	-	-	10,000,000	-	-	-	-	10,000,000
Private Capital Contributions	600,000	400,000	50,000	50,000	100,000	-	100,000	-	100,000	-	1,400,000
State/Federal Grants	9,165,200	4,810,100	9,115,500	7,522,700	6,009,500	1,317,000	1,261,000	-	-	-	39,201,000
State/Federal Grants (SmartScale)	7,683,000	33,865,000	40,934,000	1,815,000	-	-	-	-	-	-	84,297,000
State/Federal Grants (Unsecured)	-	13,937,600	10,119,000	25,106,800	46,340,550	-	5,200,000	14,276,450	19,755,000	-	134,735,400
VDOT Primary Extension Routes Grant	1,500,000	-	1,500,000	-	1,500,000	-	1,500,000	-	1,500,000	-	7,500,000
VDOT State Revenue Sharing	-	-	-	-	1,500,000	1,500,000	2,000,000	-	1,500,000	1,500,000	8,000,000
Subtotal, Non-City Sources	29,195,971	69,391,100	125,337,900	44,828,900	80,316,450	16,740,900	13,857,000	18,239,450	26,989,000	5,810,000	430,706,671
<b>Total, All Sources</b>	<b>561,155,721</b>	<b>390,169,900</b>	<b>455,279,430</b>	<b>205,596,767</b>	<b>231,800,085</b>	<b>259,282,759</b>	<b>160,046,662</b>	<b>153,412,965</b>	<b>167,781,738</b>	<b>140,522,050</b>	<b>2,725,048,078</b>
% from Bonds	81.7%	63.9%	58.5%	47.7%	39.1%	70.4%	53.7%	49.1%	48.3%	54.5%	61.1%
% from City and Other Cash Sources	18.3%	36.1%	41.5%	52.3%	60.9%	29.6%	46.3%	50.9%	51.7%	45.5%	38.9%

General Fund Operating Support of Capital Program	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	TOTAL FY 2023 - 2032
General Fund Debt Service (Existing and Projected)											
City Projects	41,185,132	51,019,862	60,879,858	67,767,600	71,251,658	76,966,710	85,734,046	90,439,345	92,808,769	96,275,077	734,328,056
School Projects	31,940,999	41,422,765	48,891,831	52,226,154	53,279,815	56,543,707	61,904,832	61,437,216	61,378,685	60,474,793	529,500,798
General Fund Debt Service (Existing and Projected)	73,126,131	92,442,628	109,771,689	119,993,755	124,531,473	133,510,417	147,638,878	151,876,561	154,187,454	156,749,869	1,263,828,855
Cash Capital Funding											
General Fund Cash Capital	32,650,000	33,165,000	33,690,000	34,240,000	34,790,000	35,340,000	35,915,000	36,490,000	37,065,000	37,616,000	350,961,000
Cash Capital - Transportation Improvement Program	1,896,300	1,571,400	1,929,400	1,775,500	2,022,700	1,993,500	2,167,800	2,250,300	2,390,300	2,156,600	20,153,800
Cash Capital - Fire Department Vehicles and Apparatus	1,609,890	1,610,000	1,610,000	1,610,000	1,610,000	1,610,000	1,610,000	1,610,000	1,610,000	1,610,000	16,099,890
Total Cash Capital Funding	36,156,190	36,346,400	37,229,400	37,625,500	38,422,700	38,943,500	39,692,800	40,350,300	41,065,300	41,382,600	387,214,690
<b>Total General Fund Support of Capital Program</b>	<b>109,282,321</b>	<b>128,789,028</b>	<b>147,001,089</b>	<b>157,619,255</b>	<b>162,954,173</b>	<b>172,453,917</b>	<b>187,331,678</b>	<b>192,226,861</b>	<b>195,252,754</b>	<b>198,132,469</b>	<b>1,651,043,545</b>
Year-over-Year Increase (\$)		19,506,707	18,212,062	10,618,165	5,334,918	9,499,744	14,877,761	4,895,184	3,025,893	2,879,715	
Year-over-Year Increase (%)		17.8%	14.1%	7.2%	3.4%	5.8%	8.6%	2.6%	1.6%	1.5%	



All Uses (CIP Document Section)	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	TOTAL FY 2023 - 2032
Schools	204,685,100	34,741,700	82,766,900	27,430,800	31,083,000	77,542,600	7,162,900	20,578,000	6,151,000	5,662,800	497,804,800
Community Development	112,942,600	128,589,600	14,798,700	18,234,800	12,719,500	18,607,000	19,194,000	13,700,800	15,239,500	12,866,000	366,892,500
Recreation & Parks	17,338,900	24,543,200	22,689,700	3,644,200	9,745,400	26,856,100	11,499,900	11,503,300	15,364,500	13,916,100	157,101,300
Public Buildings	92,561,700	35,794,100	104,447,800	21,194,600	8,657,800	37,190,600	22,993,400	4,993,100	16,898,700	18,004,900	362,736,700
Transportation	45,100,659	71,306,200	133,458,800	58,176,900	97,418,200	27,619,200	30,177,500	37,329,500	49,425,200	21,199,900	571,212,059
WMATA Capital Contributions	16,260,000	16,655,000	17,065,000	17,485,000	17,920,000	18,365,000	18,825,000	19,300,000	19,790,000	20,120,000	181,785,000
Sanitary Sewers	10,125,000	11,030,000	11,032,700	8,800,000	6,540,700	5,900,000	6,049,300	5,900,000	6,058,400	5,900,000	77,336,100
Stormwater Management	38,534,200	40,710,400	44,291,900	30,113,600	26,181,300	26,636,100	22,272,200	18,416,800	18,981,600	22,306,600	288,444,700
Other Regional Contributions	441,200	485,900	490,700	495,600	500,600	505,600	510,700	515,800	520,900	526,100	4,993,100
IT Plan	14,643,862	17,031,500	14,496,200	9,801,100	10,307,900	8,806,000	9,551,900	8,783,300	6,346,800	6,375,500	106,144,062
CIP Development & Implementation Staff	8,522,500	9,282,300	9,741,030	10,220,167	10,725,685	11,254,559	11,809,862	12,392,365	13,005,138	13,644,150	110,597,757
<b>Grand Total</b>	<b>561,155,721</b>	<b>390,169,900</b>	<b>455,279,430</b>	<b>205,596,767</b>	<b>231,800,085</b>	<b>259,282,759</b>	<b>160,046,662</b>	<b>153,412,965</b>	<b>167,781,738</b>	<b>140,522,050</b>	<b>2,725,048,078</b>

All Uses (CIP Document Section)	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	TOTAL FY 2023 - 2032
Schools	204,685,100	34,741,700	82,766,900	27,430,800	31,083,000	77,542,600	7,162,900	20,578,000	6,151,000	5,662,800	497,804,800
Community Development	107,201,600	118,589,600	14,798,700	18,234,800	12,719,500	18,607,000	19,194,000	13,700,800	15,239,500	12,866,000	351,151,500
Recreation & Parks	17,288,900	23,543,200	22,689,700	3,644,200	9,645,400	26,856,100	11,399,900	11,503,300	15,264,500	13,916,100	155,751,300
Public Buildings	92,561,700	35,794,100	104,447,800	21,194,600	8,657,800	37,190,600	22,993,400	4,993,100	16,898,700	18,004,900	362,736,700
Transportation	26,171,888	16,495,100	13,390,900	14,908,000	18,886,750	14,348,400	18,365,500	21,170,050	24,846,200	18,089,900	186,672,688
WMATA Capital Contributions	12,860,000	13,075,000	11,795,000	15,925,000	16,235,000	14,894,900	16,880,000	17,220,000	17,480,000	17,420,000	153,784,900
Sanitary Sewers	10,125,000	11,030,000	11,032,700	8,800,000	6,540,700	5,900,000	6,049,300	5,900,000	6,058,400	5,900,000	77,336,100
Stormwater Management	38,419,000	40,710,400	44,291,900	30,113,600	26,181,300	26,636,100	22,272,200	18,416,800	18,981,600	22,306,600	288,329,500
Other Regional Contributions	441,200	485,900	490,700	495,600	500,600	505,600	510,700	515,800	520,900	526,100	4,993,100
IT Plan	13,682,862	17,031,500	14,496,200	9,801,100	10,307,900	8,806,000	9,551,900	8,783,300	6,346,800	6,375,500	105,183,062
CIP Development & Implementation Staff	8,522,500	9,282,300	9,741,030	10,220,167	10,725,685	11,254,559	11,809,862	12,392,365	13,005,138	13,644,150	110,597,757
<b>TOTAL (City Share)</b>	<b>531,959,750</b>	<b>320,778,800</b>	<b>329,941,530</b>	<b>160,767,867</b>	<b>151,483,635</b>	<b>242,541,859</b>	<b>146,189,662</b>	<b>135,173,515</b>	<b>140,792,738</b>	<b>134,712,050</b>	<b>2,294,341,407</b>

All Uses (CIP Document Section)	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	TOTAL FY 2023 - 2032
Schools	-	-	-	-	-	-	-	-	-	-	-
Community Development	5,741,000	10,000,000	-	-	-	-	-	-	-	-	15,741,000
Recreation & Parks	50,000	1,000,000	-	-	100,000	-	100,000	-	100,000	-	1,350,000
Public Buildings	-	-	-	-	-	-	-	-	-	-	-
Transportation	18,928,771	54,811,100	120,067,900	43,268,900	78,531,450	13,270,800	11,812,000	16,159,450	24,579,000	3,110,000	384,539,371
WMATA Capital Contributions	3,400,000	3,580,000	5,270,000	1,560,000	1,685,000	3,470,100	1,945,000	2,080,000	2,310,000	2,700,000	28,000,100
Sanitary Sewers	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management	115,200	-	-	-	-	-	-	-	-	-	115,200
Other Regional Contributions	-	-	-	-	-	-	-	-	-	-	-
IT Plan	961,000	-	-	-	-	-	-	-	-	-	961,000
CIP Development & Implementation Staff	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL (Non-City Share)</b>	<b>29,195,971</b>	<b>69,391,100</b>	<b>125,337,900</b>	<b>44,828,900</b>	<b>80,316,450</b>	<b>16,740,900</b>	<b>13,857,000</b>	<b>18,239,450</b>	<b>26,989,000</b>	<b>5,810,000</b>	<b>430,706,671</b>

**Table 2**  
**Proposed FY 2023 – FY 2032 Capital Improvement Program**  
**Sources and Uses of Funds**  
**For the Ten Fiscal Years Ending June 30, 2032**

City Funded Sources	Recurring Cash Capital (1)	Projected G/F Debt Service	Total General Fund
Planned Future General Fund Appropriations to Support Capital Projects, FY 2023 - 2032			
FY 2023	\$36,156,190	\$73,126,131	\$109,282,321
FY 2024	\$36,346,400	\$92,442,628	\$128,789,028
FY 2025	\$37,229,400	\$109,771,689	\$147,001,089
FY 2026	\$37,625,500	\$119,993,755	\$157,619,255
FY 2027	\$38,422,700	\$124,531,473	\$162,954,173
FY 2028	\$38,943,500	\$133,510,417	\$172,453,917
FY 2029	\$39,692,800	\$147,638,878	\$187,331,678
FY 2030	\$40,350,300	\$151,876,561	\$192,226,861
FY 2031	\$41,065,300	\$154,187,454	\$195,252,754
FY 2032	\$41,382,600	\$156,749,869	\$198,132,469
<b>TOTAL Planned Future Appropriations</b>	<b>\$387,214,690</b>	<b>\$1,263,828,855</b>	<b>\$1,651,043,545</b>

(1) Includes only recurring Cash Capital, TIP cash and Meals Tax Dedication for Affordable Housing, but not one-time cash sources.

**Planned General Obligation Bond Issues (1)**

FY 2022	\$395,457,660
FY 2023	\$193,206,000
FY 2024	\$266,204,400
FY 2025	\$98,150,500
FY 2026	\$90,715,550
FY 2027	\$182,544,800
FY 2028	\$85,894,800
FY 2029	\$75,287,750
FY 2030	\$80,974,700
FY 2031	\$76,591,000
<b>TOTAL Planned General Obligation Bond Issues</b>	<b>\$1,545,027,160</b>

(1) This reflects the planned capital expenditures per fiscal year that will be funded by GO Bonds. Actual schedule of borrowing may vary, dependent on the cash flow needs of existing on-going projects and planned future projects.

**Planned Other City Sources**

Use of CIP Designated Fund Balances	\$20,000,000
Use of Stormwater Utility & Tax Dedication Fund Balance	\$2,139,182
Reprogrammed Project Balances (Sanitary)	\$4,500,000
Meals Tax Dedication for Affordable Housing	\$53,718,000
Potomac Yard Special Tax District Revenue	\$2,546,500
Sanitary Sewer Fees	\$84,105,100
Stormwater Utility Fees	\$76,090,775
Landmark Redevelopment Supported Bonds	\$119,000,000
<b>TOTAL Planned Other City Sources</b>	<b>\$362,099,557</b>
<b>TOTAL CITY SOURCES (FY 2023 - FY 2032)</b>	<b>\$3,558,170,262</b>

Table 2 (Continued)  
Proposed FY 2023 – FY 2032 Capital Improvement Program  
Sources and Uses of Funds  
For the Ten Fiscal Years Ending June 30, 2032

## Proposed FY 2023 - FY 2032 City Funded CIP

FY 2023 Proposed Capital Budget	\$531,959,750
FY 2024 Proposed Capital Budget	\$320,778,800
FY 2025 Proposed Capital Budget	\$329,941,530
FY 2026 Proposed Capital Budget	\$160,767,867
FY 2027 Proposed Capital Budget	\$151,483,635
FY 2028 Proposed Capital Budget	\$242,541,859
FY 2029 Proposed Capital Budget	\$146,189,662
FY 2030 Proposed Capital Budget	\$135,173,515
FY 2031 Proposed Capital Budget	\$140,792,738
FY 2032 Proposed Capital Budget	\$134,712,050

TOTAL CITY FUNDED USES (FY 2023 - FY 2032)	\$2,294,341,407
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Table 3  
Proposed FY 2023 – FY 2032 Capital Improvement Program  
Summary by Funding Source

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
<b>ARPA</b>												
Community Development												
Affordable Housing Funding	2,050,000	2,500,000	10,000,000	-	-	-	-	-	-	-	-	12,500,000
Community Development Total	2,050,000	2,500,000	10,000,000	-	-	-	-	-	-	-	-	12,500,000
Stormwater Management												
Inspection and Cleaning (State of Good Repair) CFMP	3,852,000	-	-	-	-	-	-	-	-	-	-	-
Large Capacity - Commonwealth Ave & E. Glebe/Ashby St & Glebe Rd	830,000	-	-	-	-	-	-	-	-	-	-	-
Large Capacity - Hooffs Run Culvert Bypass	1,070,000	-	-	-	-	-	-	-	-	-	-	-
Spot Project - Hume Avenue Bypass	1,070,000	-	-	-	-	-	-	-	-	-	-	-
Spot Project - Mt. Vernon Cul-de-sac and Alley	830,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management Total	7,652,000	-	-	-	-	-	-	-	-	-	-	-
Transportation												
Lower King Street Street Closure	100,000	-	-	-	-	-	-	-	-	-	-	-
Transportation Total	100,000	-	-	-	-	-	-	-	-	-	-	-
<b>ARPA Total</b>	<b>9,802,000</b>	<b>2,500,000</b>	<b>10,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12,500,000</b>
<b>Cash Capital</b>												
<b>ACPS</b>												
ACPS Capital Program	-	4,045,228	33,000	1,068,000	2,537,000	2,538,000	1,655,400	125,700	2,544,000	1,295,000	5,662,800	21,504,128
<b>ACPS Total</b>	<b>-</b>	<b>4,045,228</b>	<b>33,000</b>	<b>1,068,000</b>	<b>2,537,000</b>	<b>2,538,000</b>	<b>1,655,400</b>	<b>125,700</b>	<b>2,544,000</b>	<b>1,295,000</b>	<b>5,662,800</b>	<b>21,504,128</b>
CIP Development & Implementation Staff												
Capital Budget Staff (1.50 FTE)	181,084	201,000	211,000	222,000	233,000	245,000	257,000	270,000	284,000	298,000	313,000	2,534,000
Capital Procurement Personnel (8.10 FTE)	1,578,557	1,007,000	1,057,000	1,110,000	1,166,000	1,224,000	1,285,000	1,349,000	1,417,000	1,488,000	1,562,000	12,665,000
Capital Project Development Team (2.00 FTE)	305,556	219,000	230,000	242,000	254,000	267,000	280,000	294,000	309,000	324,000	340,000	2,759,000
Capital Project Implementation Non-Personnel Expenditures	-	322,100	332,000	341,900	351,800	362,700	373,600	384,500	396,400	408,300	420,200	3,693,500
Capital Project Implementation Personnel (30.00 FTE)	1,879,157	-	-	-	-	-	-	-	-	-	-	-
General Services Capital Projects Staff (7.80)	1,086,874	1,080,700	1,134,000	1,191,100	1,250,900	1,314,300	1,380,400	1,449,200	1,520,600	1,596,600	1,677,200	13,595,000
IT Systems Implementation Staff (2.50 FTE)	502,038	131,000	348,000	365,000	383,000	402,000	422,000	443,000	465,000	488,000	512,000	3,959,000
Open Space Management Staff (2.00 FTE)	297,772	274,800	288,300	301,900	317,200	333,300	350,100	367,600	385,700	405,500	424,900	3,449,300
Public Private Partnerships Coordinator (0.50 FTE)	262,721	123,000	129,000	135,000	142,000	149,000	156,000	164,000	172,000	181,000	190,000	1,541,000
Capital Project Implementation Personnel (31.00 FTE)	-	2,325,300	2,533,000	2,661,800	2,794,100	2,933,000	3,080,400	3,234,200	3,396,500	3,567,200	3,744,300	30,269,800
Real Estate Acquisition Attorney (1.00 FTE)	-	130,700	183,000	192,200	201,900	212,000	222,600	233,800	245,500	257,800	270,700	2,150,200
<b>CIP Development &amp; Implementation Staff Total</b>	<b>6,093,759</b>	<b>5,814,600</b>	<b>6,445,300</b>	<b>6,762,900</b>	<b>7,093,900</b>	<b>7,442,300</b>	<b>7,807,100</b>	<b>8,189,300</b>	<b>8,591,700</b>	<b>9,014,400</b>	<b>9,454,300</b>	<b>76,615,800</b>
<b>Community Development</b>												
Affordable Housing Funding	9,706,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,000,000
Braddock Road Area Plan - Streetscape Improvements	474,000	150,000	150,000	150,000	150,000	50,000	50,000	50,000	50,000	50,000	50,000	900,000
Citywide Electric Vehicle Charging Stations	-	500,000	1,000,000	-	1,016,600	769,400	898,500	800,400	816,400	832,800	849,400	7,483,500
Citywide Street Lighting	2,666,950	25,000	25,800	26,600	27,400	28,200	29,000	29,900	30,800	31,700	32,700	287,100
CMI Services for Landmark Development Infrastructure	-	465,600	465,600	173,600	-	-	-	-	-	-	-	1,104,800
Development Studies	1,555,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Dry Fire Hydrants	-	-	128,800	-	-	-	-	-	-	-	-	128,800
Environmental Restoration	674,145	132,000	-	144,000	203,000	163,000	48,000	159,000	70,000	182,000	85,000	1,186,000
Fire Department Vehicles & Apparatus	-	1,609,900	1,886,100	2,132,900	3,283,500	2,667,900	4,632,000	4,407,200	3,565,600	4,910,000	2,358,000	31,453,100
Fire Hydrant Maintenance Program	860,500	415,700	434,500	453,700	473,700	493,500	513,700	534,300	555,400	576,700	598,700	5,049,900
Gadsby Lighting Fixtures & Poles Replacement	2,310,000	-	475,000	554,600	-	84,500	87,000	-	92,300	-	97,900	1,391,300
Knox Box Replacement	-	616,500	-	-	-	-	-	-	-	-	-	616,500
Landmark Mall Redevelopment Project	450,000	-	-	-	-	-	-	-	-	-	-	-
Office of Historic Alexandria Initiatives	745,095	125,000	41,000	265,200	273,200	168,900	173,900	179,100	-	-	-	1,226,300
Oronoco Outfall Remediation Project	4,696,926	-	-	-	-	-	-	-	-	-	-	-
Police Body Worn Cameras	-	TBD	(0)	(0)	-	-	-	-	-	-	-	(0)
Project Budgeting Excellence	737,000	471,000	265,000	726,100	282,100	770,100	299,100	817,100	842,100	851,100	860,100	6,183,800
Public Art Acquisition	1,400,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,000,000
Public Art Conservation Program	294,100	63,900	43,800	56,400	58,000	59,700	74,100	50,500	65,200	67,200	69,200	608,000
SCBA Compressor	-	-	-	-	-	157,300	-	-	-	-	-	157,300
SCBA Fleet Replacement	-	-	-	-	-	-	4,428,700	4,675,500	-	-	-	9,104,200
Stream Valley Design Guidelines	-	-	-	-	273,300	-	-	-	-	-	-	273,300
Transportation Signage & Wayfinding System	2,046,000	-	-	-	-	-	-	-	-	-	-	-
Waterfront Small Area Plan Implementation (w/ Construction Funding)	5,625,462	-	-	-	-	-	-	-	-	-	-	-
<b>Community Development Total</b>	<b>34,241,178</b>	<b>6,324,600</b>	<b>6,665,600</b>	<b>6,433,100</b>	<b>7,790,800</b>	<b>7,162,500</b>	<b>12,984,000</b>	<b>13,453,000</b>	<b>7,837,800</b>	<b>9,251,500</b>	<b>6,751,000</b>	<b>84,653,900</b>
<b>IT Plan</b>												
AJIS System	6,711,515	2,113,000	432,000	440,000	298,000	307,000	316,000	325,000	385,000	217,000	356,000	5,189,000
Animal Shelter Server Replacement	130,000	-	-	-	-	-	-	-	-	-	-	-
Business Tax System/Reciprocity Contractor System	924,615	-	-	-	-	-	-	-	-	-	-	-
Computer Aided Dispatch (CAD) System Replacement	6,169,313	104,000	109,000	114,000	120,000	126,000	132,000	139,000	146,000	153,000	161,000	1,304,000
Computerized Maintenance Management System (CMMS)	325,000	-	165,600	-	-	-	-	-	-	-	-	165,600
Connectivity Initiatives	-	-	630,000	661,500	694,600	-	-	-	-	-	-	1,986,100
Council Chamber Technology Upgrade	-	750,000	-	-	130,000	-	-	-	-	500,000	-	1,380,000
Courtroom Trial Presentation Technology	427,809	160,000	50,000	-	-	-	-	-	-	-	-	210,000
Customer Relationship Management System	1,531,507	-	-	-	200,000	-	-	-	-	-	-	200,000
Data Quality and Intelligence Platforms	-	-	-	150,000	300,000	350,000	-	-	-	-	-	800,000
Database Infrastructure	785,629	40,000	40,000	40,000	-	-	-	-	-	-	-	120,000
DCHS Integrated Client Information System	300,000	200,000	1,200,000	-	-	-	-	-	-	-	-	1,400,000
Document Imaging	2,017,375	10,000	10,000	50,000	10,000	-	10,000	10,000	10,000	10,000	10,000	130,000
Electronic Citations Implementation	420,000	-	-	-	-	-	-	-	-	-	-	-
Electronic Government/Web Page	1,613,196	225,000	275,000	275,000	400,000	275,000	225,000	-	-	-	-	1,675,000
Emergency 911 Phone System Upgrade	1,550,000	255,000	-	-	-	-	-	-	-	-	-	255,000
EMS Records Management System	268,500	-	-	-	-	-	-	-	-	-	-	-
Enterprise Camera System	50,000	60,000	-	-	-	-	-	-	-	-	-	60,000

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Enterprise Collaboration	757,095	170,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	440,000
Enterprise Data Storage Infrastructure	2,566,000	800,000	450,000	350,000	-	1,200,000	175,000	175,000	175,000	174,000	690,000	4,189,000
Enterprise Maintenance Mgmt System	279,400	60,000	40,000	40,000	40,000	-	-	-	-	-	-	180,000
Enterprise Resource Planning System	1,163,312	-	40,000	75,000	75,000	320,000	-	-	-	-	-	510,000
Enterprise Service Catalog	260,000	-	40,000	40,000	200,000	-	40,000	-	40,000	-	-	360,000
Fire Dept RMS	329,000	-	-	-	-	-	-	-	-	-	-	-
Fire Emergency Operations Center Technology	-	66,000	-	305,000	-	-	-	-	-	-	-	371,000
Fleet Management System	140,000	-	-	-	-	-	-	-	-	-	-	-
FOIA System Replacement	115,000	-	-	-	-	-	-	-	-	-	-	-
GIS Development	2,472,251	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	70,000	525,000
HIPAA & Related Health Information Technologies	575,000	60,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	285,000
Impound Lot System Replacement	200,000	-	-	-	-	-	-	-	-	-	-	-
Information Technology Equipment Replacement	4,504,793	995,000	1,000,000	1,005,000	1,010,000	1,016,000	972,000	978,000	984,000	991,000	998,000	9,949,000
Information Technology Lump Sum Funding	-	-	2,200,000	3,200,000	3,200,000	3,200,000	3,400,000	3,400,000	3,400,000	2,050,000	2,050,000	26,100,000
IT Enterprise Management System	460,000	-	-	-	-	-	-	-	-	-	-	-
LAN Development	355,582	-	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
LAN/WAN Infrastructure	3,456,928	703,000	1,080,000	1,742,000	740,000	1,004,000	1,048,000	1,143,000	449,000	471,000	685,000	9,065,000
Library Information Technology Equipment Replacement	217,438	61,400	35,300	133,100	38,900	89,900	43,000	45,000	183,300	49,700	52,200	731,800
Library Public Access Computers and Print Mgmt System	45,000	80,500	-	-	-	-	113,200	-	-	-	-	193,700
Library Scanning Equipment and DAMS	-	-	-	1,600	71,600	-	1,900	-	-	88,100	7,200	170,400
Library Self-Service Stations/Equipment	158,296	-	-	-	-	-	-	-	-	-	-	-
Migration of Integrated Library System to SAAS Platform	42,000	166,100	83,600	3,000	3,000	3,000	213,900	109,100	3,000	3,000	166,100	753,800
Municipal Fiber	8,137,427	174,500	154,000	912,000	320,000	329,000	338,000	347,000	357,000	367,000	228,000	3,526,500
Network Security	2,851,895	500,000	605,000	400,000	400,000	800,000	350,000	350,000	350,000	500,000	500,000	4,755,000
Network Server Infrastructure	6,231,976	70,000	1,030,000	-	-	-	-	-	800,000	300,000	-	2,200,000
Office of Voter Registrations and Elections Equipment Replacement	100,000	-	-	-	-	-	-	1,001,800	-	-	-	1,001,800
OHA Point-of-Sale System Replacement	-	293,100	-	-	-	-	-	-	108,700	-	-	401,800
OHA Records Management System Replacement	105,000	-	-	-	-	-	-	-	141,300	-	-	141,300
Parking Citation System Replacement	410,000	-	-	-	-	-	-	-	-	-	-	-
Permit Processing	65,524	-	-	-	-	-	-	-	-	-	-	-
Personal Property Tax System	2,592,039	-	-	-	-	-	-	-	600,000	-	-	600,000
Phone, Web, Portable Device Payment Portals	96,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Project Management Software	185,000	50,000	-	50,000	-	-	-	50,000	-	50,000	-	200,000
Radio System Upgrade	3,191,460	3,761,262	1,520,000	2,742,000	-	-	1,000,000	1,000,000	-	-	-	10,023,262
Real Estate Account Receivable System	1,633,890	-	-	-	175,000	-	-	-	200,000	-	-	375,000
Real Estate Assessment System (CAMA)	325,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Recreation Database System	450,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
Remote Access	1,168,000	175,000	250,000	800,000	-	-	-	-	-	-	-	1,225,000
Small Systems Replacements	-	20,000	20,000	20,000	20,000	50,000	-	-	-	-	-	130,000
Time & Attendance System Upgrade	70,000	8,000	8,000	48,000	8,000	8,000	8,000	88,000	8,000	8,000	8,000	200,000
Upgrade Work Station Operating Systems	3,298,724	472,000	380,000	490,000	200,000	210,000	220,000	231,000	243,000	255,000	264,000	2,965,000
Voice Over Internet Protocol (VoIP)	2,028,173	-	84,000	249,000	932,000	850,000	-	-	-	-	-	2,115,000
IT Plan Total	74,261,661	12,682,862	12,131,500	14,496,200	9,801,100	10,307,900	8,806,000	9,551,900	8,783,300	6,346,800	6,375,500	99,283,062
Other Regional Contributions												
Northern Virginia Regional Park Authority (NVRPA)	6,112,318	441,200	485,900	490,700	495,600	500,600	505,600	510,700	515,800	520,900	526,100	4,993,100
Other Regional Contributions Total	6,112,318	441,200	485,900	490,700	495,600	500,600	505,600	510,700	515,800	520,900	526,100	4,993,100
Public Buildings												
119 North Alfred Street Parking Garage	-	41,200	56,600	72,900	108,100	145,300	184,700	200,000	250,000	-	-	1,058,800
2355 Mill Road CFMP	1,729,000	-	-	-	-	-	-	-	-	-	-	-
Alexandria Transit - DASH CFMP	478,568	50,000	51,500	53,100	54,700	56,300	58,000	59,800	61,500	63,400	65,300	573,600
Beatley Building Envelope Restoration	222,204	-	-	-	-	-	-	-	-	-	-	-
Capital Planning & Building Assessment (Condition Assessment)	1,486,000	-	90,000	15,000	95,000	150,800	155,300	159,900	38,100	169,700	172,000	1,045,800
City Facility Security Infrastructure CFMP	-	206,000	801,100	-	-	-	-	-	-	-	-	1,007,100
City Hall Renovation and HVAC Replacement	4,603,820	-	-	-	-	-	-	-	-	-	-	-
City Historic Facilities CFMP	4,419,490	-	-	-	-	1,452,000	-	-	1,500,000	-	-	2,952,000
Courthouse CFMP	3,937,600	-	-	-	-	-	-	-	-	-	-	-
Courthouse/PSC Security System Upgrade	2,255,000	-	-	-	-	-	-	-	-	-	3,101,700	3,101,700
DCHS Consolidation and Co-Location	2,440,477	-	-	-	-	-	-	-	-	-	-	-
Emergency Power Systems	795,000	-	300,000	-	654,600	313,700	-	-	298,600	637,100	676,000	2,880,000
Energy Management Program	2,177,540	269,000	432,000	446,000	1,684,600	477,000	493,000	510,000	528,000	547,000	567,000	5,953,600
Fire & Rescue CFMP	4,304,371	-	-	-	-	-	-	-	-	-	-	-
Fire Station 203 (Cameron Mills)	774,610	-	-	-	-	-	-	-	-	-	-	-
Fleet Building CFMP	993,308	-	-	-	-	-	-	-	-	-	-	-
Gadsby's Tavern Restaurant Equipment	-	-	360,600	-	-	-	-	-	-	-	-	360,600
General Services CFMP	9,359,411	-	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,150,000
Health Department CFMP	305,300	-	-	-	-	-	-	-	-	-	-	-
Library CFMP	1,631,435	-	-	-	-	-	-	-	-	-	-	-
Library Facilities Master Plan	-	-	-	220,000	-	-	-	-	-	-	-	220,000
Market Square Plaza and Garage Structural Repairs	190,000	-	-	-	-	-	-	-	-	-	-	-
Mental Health Residential Facilities CFMP	2,094,504	-	-	-	-	-	-	-	-	-	-	-
Office of the Sheriff CFMP	5,999,445	-	-	-	-	-	-	-	-	-	-	-
Parking Garages CFMP	20,300	-	-	-	-	-	-	-	-	-	-	-
Pistol Range	180,000	-	-	-	-	-	-	-	-	-	-	-

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Preventative Maintenance Systems and Staffing Study	350,000	-	-	-	-	-	-	-	-	-	-	-
Roof Replacement Program	363,719	-	-	-	-	-	-	-	-	-	-	-
Tactical Training Space	309,000	-	-	-	-	-	-	-	-	-	-	-
Union Station Improvements	-	-	-	-	250,000	-	-	-	-	-	-	250,000
Vola Lawson Animal Shelter	2,451,757	40,000	40,000	40,000	161,900	164,100	337,200	100,000	100,000	299,800	100,000	1,383,000
Witter/Wheeler - Fuel Island Renovation	150,000	-	-	-	-	-	-	-	-	-	-	-
Witter/Wheeler Campus Funding Reservation	1,170,000	-	813,800	-	-	-	-	-	-	-	-	813,800
Public Buildings Total	55,191,859	606,200	3,295,600	1,197,000	3,358,900	3,109,200	1,578,200	1,379,700	3,126,200	2,067,000	5,032,000	24,750,000
Recreation & Parks												
Americans with Disabilities Act (ADA) Requirements	1,314,760	46,300	109,400	109,400	109,400	109,400	109,400	109,400	109,400	109,400	152,200	1,073,700
Athletic Field Improvements (incl. Synthetic Turf)	1,798,313	-	-	-	-	-	-	-	-	-	-	-
Ball Court Renovations	1,053,500	-	-	-	-	-	-	-	-	-	-	-
Braddock Area Plan Park	100,000	-	-	-	-	-	-	-	-	-	-	-
Cameron Run Regional Park Feasibility Study	-	-	-	291,800	-	-	-	-	-	-	-	291,800
Chinquapin Recreation Center CFMP	934,683	-	-	-	-	-	-	-	-	-	-	-
City Marina Maintenance	967,400	47,900	49,300	50,000	-	50,000	50,000	50,000	50,000	50,000	90,100	487,300
Citywide Parks Improvements Plan	1,172,479	-	-	-	-	-	-	-	-	-	-	-
Community Matching Fund	429,498	50,000	-	-	-	100,000	-	100,000	-	100,000	-	350,000
Douglas MacArthur School - Recreation & Parks Programming Space	1,592	-	-	-	-	-	-	-	-	-	-	-
Douglass Cemetery Restoration	-	240,000	1,170,000	695,000	-	-	-	-	-	-	-	2,105,000
Fort Ward Management Plan Implementation	699,172	200,000	-	-	-	218,800	-	232,000	-	246,000	-	896,800
Four Mile Run Park Wetlands Connector Bridge	185,205	-	-	-	-	-	-	-	-	-	-	-
Holmes Run Trail Repairs	26,017	-	-	-	-	-	-	-	-	-	-	-
Neighborhood Pool Demolition and Conversion	600,000	-	-	-	-	-	-	-	-	-	-	-
Open Space Acquisition and Develop.	9,472,825	400,000	330,000	337,000	344,000	351,000	358,000	365,000	372,000	379,000	387,000	3,623,000
Park Renovations CFMP	3,063,567	4,500	100,000	100,000	-	100,000	100,000	100,000	100,000	100,000	100,000	804,500
Patrick Henry Recreation Center	1,102,625	-	-	-	-	-	-	-	-	-	-	-
Pavement in Parks	62,000	-	-	-	-	-	-	-	-	-	-	-
Playground Renovations CFMP	3,806,629	-	-	-	-	-	-	-	-	-	-	-
Potomac Yard Park Basketball Court Lights	53,330	-	-	-	-	-	-	-	-	-	-	-
Proactive Maintenance of the Urban Forest	525,500	328,400	338,300	348,400	-	369,700	380,800	392,200	403,900	416,100	837,500	3,815,300
Public Pools	1,273,301	103,100	106,200	109,400	112,500	116,000	123,400	158,500	163,200	168,100	173,100	1,333,500
Recreation Center Market Response and Program Support	-	50,000	-	-	-	-	-	-	-	-	-	50,000
Recreation Centers CFMP	2,520,604	-	-	-	-	-	-	-	-	-	-	-
Restroom Renovations	92,000	-	-	-	-	-	-	-	-	-	-	-
Shared-Use Paths	546,000	150,000	-	-	150,000	-	-	150,000	-	150,000	-	600,000
Soft Surface Trails	1,147,332	-	-	-	-	-	-	-	-	-	-	-
Torpedo Factory Art Center Revitalization	785,000	500,000	1,000,000	589,600	-	-	-	-	-	-	-	2,089,600
Torpedo Factory Arts Center CFMP	2,283,175	175,200	7,500	-	473,300	500,000	-	-	500,000	500,000	500,000	2,656,000
Tree & Shrub Capital Maintenance	4,240,655	632,900	356,200	367,000	-	430,000	442,700	456,000	469,800	483,800	498,300	4,136,700
Water Management & Irrigation	1,471,000	135,900	140,000	-	140,000	140,000	140,000	140,000	140,000	140,000	193,200	1,309,100
Waterfront Parks CFMP	205,000	-	48,500	-	-	-	-	-	-	-	-	48,500
Windmill Hill Park Improvements	640,453	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks Total	42,573,614	3,064,200	3,755,400	2,997,600	1,329,200	2,484,900	1,704,300	2,253,100	2,308,300	2,842,400	2,931,400	25,670,800
Sanitary Sewers												
Reconstructions & Extensions of Sanitary Sewers	2,146,105	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewers Total	2,146,105	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management												
City Facilities Stormwater Best Management Practices (BMPs)	125,000	-	-	-	-	-	-	-	-	-	-	-
Four Mile Run Channel Maintenance	315,281	-	-	-	-	-	-	-	-	-	-	-
NPDES / MS4 Permit	250,000	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer Capacity Projects	949,492	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer System Spot Improvements	3,076,648	-	-	-	-	-	-	-	-	-	-	-
Stormwater Utility Implementation	1,518,200	-	-	-	-	-	-	-	-	-	-	-
Strawberry Run Stream Restoration	50,000	-	-	-	-	-	-	-	-	-	-	-
Stream & Channel Maintenance	3,802,125	-	-	-	-	-	-	-	-	-	-	-
Taylor Run Stream Restoration	100,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management Total	10,186,745	-	-	-	-	-	-	-	-	-	-	-
Transportation												
Bicycle Parking at Transit	38,742	-	-	-	-	-	-	-	-	-	-	-
Bridge Repairs	2,959,092	-	-	-	-	-	-	-	-	-	-	-
City Standard Construction Specifications	231,604	-	-	-	-	-	-	-	-	-	-	-
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	37,629	-	-	-	-	-	-	-	-	-	-	-
Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade	603,000	60,000	175,200	202,800	208,800	215,000	221,400	228,200	235,100	242,200	491,700	2,280,400
Complete Streets	7,457,092	671,000	798,900	828,500	858,400	889,600	922,100	956,500	991,300	1,028,100	1,066,000	9,010,400
DASH Bus Fleet Replacements	2,167,006	-	152,000	154,000	1,694,500	998,800	-	-	2,270,700	5,151,500	-	10,421,500
Eisenhower Avenue Roadway Improvements	789,925	-	-	-	-	-	-	-	-	-	-	-
Eisenhower Metrorail Station Improvements	42,000	-	-	-	-	-	-	-	-	-	-	-
Fixed Transportation Equipment	10,181,877	100,000	100,000	-	-	-	-	-	-	-	-	200,000
King & Beauregard Intersection Improvements	181,494	-	-	-	-	-	-	-	-	-	-	-
King Street Metrorail Station Area Improvements	719,153	-	-	-	-	-	-	-	-	-	-	-
Landmark Mall 395 Ramp Improvements	760,000	-	-	-	-	-	-	-	-	-	-	-
Lower King Street Street Closure	-	100,000	232,000	-	-	-	-	-	-	-	-	332,000

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Mt. Vernon Avenue North Complete Streets	180,000	-	-	-	-	-	-	-	-	-	-	-
Old Cameron Run Trail	10,404	-	-	-	-	-	-	-	-	-	-	-
Safe Routes to School	-	100,000	154,600	419,200	431,800	501,200	515,900	626,900	645,800	665,200	685,200	4,745,800
Sidewalk Capital Maintenance	3,689,469	-	-	-	-	-	-	-	-	-	-	-
Street Reconstruction & Resurfacing of Major Roads	5,995,679	-	-	-	-	-	-	-	-	-	-	-
Transit Access & Amenities	255,223	-	-	-	-	-	-	-	-	-	-	-
Transit Corridor "C" - West End Transitway	47,779	-	-	-	-	-	-	-	-	-	-	-
Transportation Project Planning	-	250,000	350,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,600,000
Transportation Total	36,347,168	1,281,000	1,962,700	1,854,500	3,443,500	2,854,600	1,909,400	2,061,600	4,392,900	7,337,000	2,492,900	29,590,100
WMATA Capital Contributions	-	-	-	-	-	-	-	-	-	-	-	-
WMATA Capital Contributions Total	28,720,713	-	-	-	-	-	-	-	-	-	-	-
Cash Capital Total	295,875,120	34,259,890	34,775,000	35,300,000	35,850,000	36,400,000	36,950,000	37,525,000	38,100,000	38,675,000	39,226,000	367,060,890
CMAQ/RSTP												
Transportation												
Capital Bikeshare	1,152,196	435,582	300,600	-	350,000	-	-	-	-	-	-	1,086,182
Citywide Parking - Parking Technologies	623,629	250,000	-	-	-	-	-	-	-	-	-	250,000
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	-	735,189	600,000	2,385,400	-	-	-	-	-	-	-	3,720,589
DASH Technologies	-	350,000	255,800	-	1,026,000	1,307,400	289,900	-	-	-	-	3,229,100
King & Beauregard Intersection Improvements	-	-	-	-	-	-	-	-	-	-	-	-
Smart Mobility Implementation	-	-	-	-	3,306,400	883,000	-	-	-	-	-	4,189,400
Transitway Enhancements	1,454,491	-	-	-	-	-	-	-	-	-	-	-
Transportation Total	3,230,316	1,770,771	1,156,400	2,385,400	4,682,400	2,190,400	289,900	-	-	-	-	12,475,271
CMAQ/RSTP Total	3,230,316	1,770,771	1,156,400	2,385,400	4,682,400	2,190,400	289,900	-	-	-	-	12,475,271
Code Fund Balance												
IT Plan												
Enterprise Data Storage Infrastructure	150,000	-	-	-	-	-	-	-	-	-	-	-
Permit Processing	5,017,167	-	-	-	-	-	-	-	-	-	-	-
IT Plan Total	5,167,167	-	-	-	-	-	-	-	-	-	-	-
Code Fund Balance Total	5,167,167	-	-	-	-	-	-	-	-	-	-	-
Comcast Revenues												
IT Plan												
Connectivity Initiatives	-	600,000	-	-	-	-	-	-	-	-	-	600,000
IT Enterprise Management System	50,000	-	-	-	-	-	-	-	-	-	-	-
LAN/WAN Infrastructure	1,363,000	361,000	-	-	-	-	-	-	-	-	-	361,000
Network Security	590,000	-	-	-	-	-	-	-	-	-	-	-
IT Plan Total	2,003,000	961,000	-	-	-	-	-	-	-	-	-	961,000
Comcast Revenues Total	2,003,000	961,000	-	-	-	-	-	-	-	-	-	961,000
Environmental Restoration Funds												
Community Development												
Environmental Restoration	80,000	-	-	-	-	-	-	-	-	-	-	-
Community Development Total	80,000	-	-	-	-	-	-	-	-	-	-	-
Environmental Restoration Funds Total	80,000	-	-	-	-	-	-	-	-	-	-	-
GQ Bond Interest Earnings												
Community Development												
Citywide Street Lighting	125,000	-	-	-	-	-	-	-	-	-	-	-
Fire Department Vehicles & Apparatus	611,924	-	-	-	-	-	-	-	-	-	-	-
Oronoco Outfall Remediation Project	300,000	-	-	-	-	-	-	-	-	-	-	-
Waterfront Small Area Plan Implementation (w/ Construction Funding)	12,000	-	-	-	-	-	-	-	-	-	-	-
Community Development Total	1,048,924	-	-	-	-	-	-	-	-	-	-	-
IT Plan												
Customer Relationship Management System	125,000	-	-	-	-	-	-	-	-	-	-	-
Document Imaging	337,000	-	-	-	-	-	-	-	-	-	-	-
LAN Development	30,679	-	-	-	-	-	-	-	-	-	-	-
LAN/WAN Infrastructure	13,816	-	-	-	-	-	-	-	-	-	-	-
Network Security	80,000	-	-	-	-	-	-	-	-	-	-	-
Upgrade Work Station Operating Systems	120,000	-	-	-	-	-	-	-	-	-	-	-
IT Plan Total	706,495	-	-	-	-	-	-	-	-	-	-	-
Other Regional Contributions												
Northern Virginia Regional Park Authority (NVRPA)	752,455	-	-	-	-	-	-	-	-	-	-	-
Other Regional Contributions Total	752,455	-	-	-	-	-	-	-	-	-	-	-
Public Buildings												
Alexandria Transit - DASH CFMP	402,155	-	-	-	-	-	-	-	-	-	-	-
City Historic Facilities CFMP	531,000	-	-	-	-	-	-	-	-	-	-	-
Courthouse CFMP	180,000	-	-	-	-	-	-	-	-	-	-	-
Energy Management Program	367,438	-	-	-	-	-	-	-	-	-	-	-
Fire & Rescue CFMP	434,313	-	-	-	-	-	-	-	-	-	-	-
General Services CFMP	315,000	-	-	-	-	-	-	-	-	-	-	-
Office of the Sheriff CFMP	20,341	-	-	-	-	-	-	-	-	-	-	-
Pistol Range	83,250	-	-	-	-	-	-	-	-	-	-	-
Vola Lawson Animal Shelter	27,563	-	-	-	-	-	-	-	-	-	-	-
Public Buildings Total	2,361,060	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks												



Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Americans with Disabilities Act (ADA) Requirements	77,563	-	-	-	-	-	-	-	-	-	-	-
Ball Court Renovations	150,000	-	-	-	-	-	-	-	-	-	-	-
Citywide Parks Improvements Plan	594,633	-	-	-	-	-	-	-	-	-	-	-
Park Renovations CFMP	420,000	-	-	-	-	-	-	-	-	-	-	-
Patrick Henry Recreation Center	270,000	-	-	-	-	-	-	-	-	-	-	-
Pavement in Parks	200,000	-	-	-	-	-	-	-	-	-	-	-
Playground Renovations CFMP	574,813	-	-	-	-	-	-	-	-	-	-	-
Public Pools	49,613	-	-	-	-	-	-	-	-	-	-	-
Recreation Centers CFMP	75,000	-	-	-	-	-	-	-	-	-	-	-
Soft Surface Trails	120,000	-	-	-	-	-	-	-	-	-	-	-
Tree & Shrub Capital Maintenance	184,988	-	-	-	-	-	-	-	-	-	-	-
Water Management & Irrigation	234,369	-	-	-	-	-	-	-	-	-	-	-
Waterfront Parks CFMP	50,000	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks Total	3,000,979	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewers												
Reconstructions & Extensions of Sanitary Sewers	250,000	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewers Total	250,000	-	-	-	-	-	-	-	-	-	-	-
Transportation												
Bridge Repairs	14,000	-	-	-	-	-	-	-	-	-	-	-
Complete Streets	75,000	-	-	-	-	-	-	-	-	-	-	-
Eisenhower Avenue Roadway Improvements	1,338,554	-	-	-	-	-	-	-	-	-	-	-
Fixed Transportation Equipment	1,250,000	-	-	-	-	-	-	-	-	-	-	-
King & Beauregard Intersection Improvements	1,371,300	-	-	-	-	-	-	-	-	-	-	-
King Street Metrorail Station Area Improvements	250,000	-	-	-	-	-	-	-	-	-	-	-
Sidewalk Capital Maintenance	600,000	-	-	-	-	-	-	-	-	-	-	-
Transportation Total	4,898,854	-	-	-	-	-	-	-	-	-	-	-
WMATA Capital Contributions												
WMATA Capital Contributions	2,296,433	-	-	-	-	-	-	-	-	-	-	-
WMATA Capital Contributions Total	2,296,433	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings Total	15,315,200	-	-	-	-	-	-	-	-	-	-	-
GO Bonds												
ACPS												
ACPS Capital Program	-	199,586,872	33,613,600	81,698,900	24,893,800	28,545,000	75,887,200	7,037,200	18,034,000	4,856,000	-	474,152,572
ACPS Total	-	199,586,872	33,613,600	81,698,900	24,893,800	28,545,000	75,887,200	7,037,200	18,034,000	4,856,000	-	474,152,572
Community Development												
Citywide Electric Vehicle Charging Stations		-	-	1,982,600	-	-	-	-	-	-	-	1,982,600
Citywide Street Lighting	75,000	-	-	-	-	-	-	-	-	-	-	-
Development Studies	50,000	-	-	-	-	-	-	-	-	-	-	-
Fire Department Vehicles & Apparatus	17,039,067	-	-	-	-	-	-	-	-	-	-	-
Gadsby Lighting Fixtures & Poles Replacement	950,000	-	-	-	-	-	-	-	-	-	-	-
Landmark Mall Redevelopment Project	21,000,000	-	-	-	-	-	-	-	-	-	-	-
Oronoco Outfall Remediation Project	2,646,000	1,010,000	2,550,000	1,100,000	5,050,000	50,000	-	-	-	-	-	9,760,000
Public Art Acquisition	250,000	-	-	-	-	-	-	-	-	-	-	-
Transportation Signage & Wayfinding System	271,000	-	-	-	-	-	-	-	-	-	-	-
Waterfront Small Area Plan Implementation (w/ Construction Funding)	29,563,000	30,800,000	47,200,000	-	-	-	-	-	-	-	-	78,000,000
Community Development Total	71,844,067	31,810,000	49,750,000	3,082,600	5,050,000	50,000	-	-	-	-	-	89,742,600
IT Plan												
AJIS System	309,002	-	-	-	-	-	-	-	-	-	-	-
Business Tax System/Reciprocity Contractor System	299,980	-	-	-	-	-	-	-	-	-	-	-
Computer Aided Dispatch (CAD) System Replacement	10,344,000	-	-	-	-	-	-	-	-	-	-	-
Customer Relationship Management System	75,000	-	-	-	-	-	-	-	-	-	-	-
Database Infrastructure	112,371	-	-	-	-	-	-	-	-	-	-	-
Electronic Government/Web Page	125,000	-	-	-	-	-	-	-	-	-	-	-
Enterprise Maintenance Mgmt System	150,000	-	-	-	-	-	-	-	-	-	-	-
Enterprise Resource Planning System	2,900,000	-	-	-	-	-	-	-	-	-	-	-
GIS Development	22,249	-	-	-	-	-	-	-	-	-	-	-
LAN Development	67,660	-	-	-	-	-	-	-	-	-	-	-
LAN/WAN Infrastructure	763,311	-	-	-	-	-	-	-	-	-	-	-
Library Information Technology Equipment Replacement	40,000	-	-	-	-	-	-	-	-	-	-	-
Municipal Fiber	10,825,573	-	-	-	-	-	-	-	-	-	-	-
Network Security	57,986	-	-	-	-	-	-	-	-	-	-	-
Network Server Infrastructure	717,042	-	-	-	-	-	-	-	-	-	-	-
Phone, Web, Portable Device Payment Portals	175,000	-	-	-	-	-	-	-	-	-	-	-
Real Estate Account Receivable System	1,110	-	-	-	-	-	-	-	-	-	-	-
Upgrade Work Station Operating Systems	400,279	-	-	-	-	-	-	-	-	-	-	-
Voice Over Internet Protocol (VoIP)	621,000	-	-	-	-	-	-	-	-	-	-	-
IT Plan Total	28,006,563	-	-	-	-	-	-	-	-	-	-	-
Other Regional Contributions												
Northern Virginia Regional Park Authority (NVRPA)	1,635,199	-	-	-	-	-	-	-	-	-	-	-
Other Regional Contributions Total	1,635,199	-	-	-	-	-	-	-	-	-	-	-
Public Buildings												
2355 Mill Road CFMP	240,000	-	-	-	-	-	-	-	-	-	-	-
2900-B Business Warehouse	-	-	-	-	-	-	123,600	111,900	-	904,900	-	1,140,400

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Alexandria Police CFMP	214,500	727,600	150,000	150,000	150,000	150,000	150,000	150,000	551,400	584,100	1,500,000	4,263,100
Alexandria Transit - DASH CFMP	2,731,200	-	-	-	-	-	-	-	-	-	-	-
Beatley Building Envelope Restoration	1,621,300	-	-	-	-	-	-	-	-	-	-	-
Burke Branch Renovation	825,000	-	-	-	-	-	-	-	-	-	-	-
City Hall Renovation and HVAC Replacement	8,600,000	-	9,296,000	51,503,500	9,296,000	-	-	-	-	-	-	70,095,500
City Hall Swing Space	-	-	5,032,200	25,283,400	5,032,200	-	-	-	-	-	-	35,347,800
City Historic Facilities CFMP	9,283,516	840,000	623,400	2,800,000	1,900,000	548,000	1,500,000	400,000	-	1,400,000	1,961,700	11,973,100
Courthouse CFMP	6,439,000	-	1,680,000	158,200	161,200	127,600	131,400	135,300	139,400	143,600	146,000	2,822,700
Courthouse/PSC Security System Upgrade	1,073,100	-	-	-	-	-	-	-	-	-	2,211,400	2,211,400
DASH Upper Deck Repairs	-	3,000,000	-	-	-	-	-	-	-	-	-	3,000,000
DCHS Consolidation and Co-Location	20,921,232	73,200,000	-	-	-	-	-	-	-	-	-	73,200,000
Emergency Power Systems	2,654,800	-	-	2,000,000	-	-	281,400	289,900	-	-	-	2,571,300
Energy Management Program	3,486,074	-	100,000	1,447,300	-	596,600	200,000	200,000	250,000	250,000	250,000	3,293,900
Fire & Rescue CFMP	5,809,129	500,000	100,000	100,000	696,300	263,100	265,000	281,800	376,100	696,600	947,000	4,225,900
Fire Station 203 (Cameron Mills)	11,799,000	-	-	-	-	-	-	-	-	-	-	-
Fire Station 205 (Cameron Street)	-	-	-	6,174,000	-	-	4,141,700	18,390,600	-	-	-	28,706,300
Fire Station 207 (Duke Street)	-	-	-	-	-	-	-	-	-	-	-	-
Fire Training Center Renovation	-	-	-	-	-	-	-	-	-	-	1,216,800	1,216,800
Fleet Building CFMP	1,153,000	-	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,350,000
Freedom House Museum Restoration	-	-	-	-	-	-	-	-	-	96,000	750,000	846,000
General Services CFMP	8,046,019	-	-	-	-	-	-	-	-	-	-	-
Health Department CFMP	214,000	-	-	-	-	-	-	-	-	-	-	-
Landmark Fire Station (formerly Fire Station 208 Replacement)	-	-	4,000,000	-	-	-	19,351,300	-	-	-	-	23,351,300
Lee Center CFMP	96,800	-	-	-	-	-	-	-	-	-	-	-
Library CFMP	1,054,700	150,000	150,000	150,000	150,000	213,300	1,146,800	1,204,200	-	3,000,000	1,300,000	7,464,300
Market Square Plaza and Garage Structural Repairs	10,303,300	-	1,000,000	3,957,000	-	-	-	-	-	-	-	4,957,000
Mental Health Residential Facilities CFMP	2,432,575	-	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Minnie Howard Campus Project	-	12,093,300	-	-	-	-	-	-	-	-	-	12,093,300
New Burn Building	325,400	-	3,015,900	-	-	-	-	-	-	-	-	3,015,900
Office of the Sheriff CFMP	5,988,488	226,000	3,600,000	-	-	3,200,000	6,800,000	-	100,000	100,000	100,000	14,126,000
Pistol Range	2,700,000	-	-	-	-	-	-	-	-	-	-	-
PSC Fuel Station Refurbishment	-	1,218,600	-	-	-	-	-	-	-	-	-	1,218,600
Roof Replacement Program	8,354,500	-	-	3,055,400	-	-	1,071,200	-	-	2,906,500	-	7,033,100
Vola Lawson Animal Shelter	343,532	-	-	-	-	-	-	-	-	-	-	-
Witter/Wheeler - Fuel Island Renovation	450,000	-	2,000,000	-	-	-	-	-	-	-	-	2,000,000
Witter/Wheeler Campus Funding Reservation	-	-	1,301,000	6,022,000	-	-	-	-	-	4,300,000	2,140,000	13,763,000
Public Buildings Total	117,160,165	91,955,500	32,498,500	103,250,800	17,835,700	5,548,600	35,612,400	21,613,700	1,866,900	14,831,700	12,972,900	337,986,700
Recreation & Parks												
Americans with Disabilities Act (ADA) Requirements	114,000	-	-	-	-	-	-	-	-	-	-	-
Armistead Boothe Park Trail Surface Conversion	-	-	-	226,000	-	-	-	-	-	-	-	226,000
Athletic Field Improvements (incl. Synthetic Turf)	7,781,199	804,000	16,521,000	1,529,400	16,400	666,900	771,000	18,000	18,500	842,600	867,800	22,055,600
Ball Court Renovations	1,356,313	309,200	164,100	169,000	-	194,200	203,000	209,100	215,300	221,800	228,500	1,914,200
Braddock Area Plan Park	-	-	-	-	-	-	-	-	-	-	-	-
Chinquapin Recreation Center CFMP	3,228,700	80,000	80,000	815,700	255,400	494,700	828,700	648,300	2,207,000	1,742,100	450,300	7,602,200
City Marina Maintenance	459,613	-	-	-	-	-	-	-	-	-	-	-
Citywide Parks Improvements Plan	10,000,559	-	-	-	64,800	700,000	-	-	-	-	-	764,800
Community Matching Fund	47,618	-	-	-	-	-	-	-	-	-	-	-
Dora Kelly Fair-Weather Crossing Replacement with Bridge	-	-	-	595,000	-	-	-	-	-	-	-	595,000
Douglas MacArthur School - Recreation & Parks Programming Space	2,000,000	-	-	-	-	-	-	-	-	-	-	-
Fort Ward Management Plan Implementation	476,000	-	646,700	2,315,000	-	-	-	-	-	-	-	2,961,700
Four Mile Run Park	-	-	-	-	1,266,900	605,000	15,489,100	-	-	-	-	17,361,000
Four Mile Run Park Bridge Replacement	-	1,293,800	-	-	-	-	-	-	-	-	-	1,293,800
Four Mile Run Park Wetlands Connector Bridge	167,000	-	-	-	-	-	-	-	-	-	-	-
Holmes Run Trail Repairs	5,000,000	-	-	-	-	-	-	-	-	-	-	-
Neighborhood Pool Demolition and Conversion	461,000	-	-	-	-	-	-	-	-	-	-	-
Old Town Pool	-	-	-	8,814,600	-	-	-	-	-	-	-	8,814,600
Open Space Acquisition and Develop.	10,253,409	-	-	-	-	-	-	-	-	-	-	-
Park Renovations CFMP	2,731,000	300,000	149,400	99,500	-	350,000	350,000	350,000	350,000	350,000	520,000	2,818,900
Patrick Henry Recreation Center	5,887,361	-	-	-	-	-	-	-	-	-	-	-
Patrick Henry Turf Fields and Recreation Center	-	1,000,000	1,600,000	-	-	-	-	-	-	-	-	2,600,000
Pavement in Parks	688,000	275,000	61,800	21,300	85,300	275,000	275,000	275,000	275,000	275,000	319,800	2,138,200
Playground Renovations CFMP	3,332,263	866,100	160,900	495,400	421,400	2,019,900	1,408,400	1,012,600	1,043,000	1,074,300	1,106,500	9,608,500
Proactive Maintenance of the Urban Forest	106,500	-	-	-	-	-	-	-	-	-	-	-
Public Pools	67,000	-	-	-	-	-	-	-	-	-	-	-
Recreation Centers CFMP	4,467,400	120,000	120,000	278,700	172,000	899,100	1,252,000	2,286,000	3,837,600	7,662,500	6,651,500	23,279,400
Restroom Renovations	1,018,000	790,800	123,600	-	32,800	33,800	34,800	-	602,800	-	169,700	1,788,300
Shared-Use Paths	395,357	-	-	-	-	-	-	-	-	-	-	-
Soft Surface Trails	183,700	12,000	86,500	41,500	-	130,000	130,000	-	130,000	-	183,000	713,000
Torpedo Factory Art Center Revitalization	-	-	-	955,400	-	-	-	-	-	-	-	955,400
Torpedo Factory Arts Center CFMP	-	-	67,500	3,279,100	-	726,100	4,342,100	4,278,000	443,900	179,800	411,300	13,727,800
Tree & Shrub Capital Maintenance	372,750	-	-	-	-	-	-	-	-	-	-	-
Water Management & Irrigation	94,881	-	-	-	-	-	-	-	-	-	-	-
Waterfront Parks CFMP	76,000	53,300	6,300	56,500	-	65,800	67,700	69,800	71,900	74,000	76,300	541,600

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Windmill Hill Park Improvements	6,333,547	5,646,100	-	-	-	-	-	-	-	-	-	5,646,100
Recreation & Parks Total	67,099,170	11,550,300	19,787,800	19,692,100	2,315,000	7,160,500	25,151,800	9,146,800	9,195,000	12,422,100	10,984,700	127,406,100
Stormwater Management												
Four Mile Run Channel Maintenance	2,260,000	-	-	-	-	-	-	-	-	-	-	-
Stream & Channel Maintenance	1,487,602	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management Total	3,747,602	-	-	-	-	-	-	-	-	-	-	-
Transportation												
Bridge Repairs	9,534,000	2,517,788	2,733,600	2,979,500	3,209,200	5,563,900	4,934,600	5,949,700	6,320,800	6,846,800	7,284,100	48,339,988
Citywide Trans. Mgmt. Tech. - Transportation Technologies	115,000	-	-	-	-	-	-	-	-	-	-	-
Complete Streets	2,763,310	-	-	-	-	-	-	-	-	-	-	-
DASH Bus Fleet Replacements	810,000	-	-	-	596,100	3,343,850	-	2,108,400	2,547,850	2,219,900	-	10,816,100
Eisenhower Avenue Roadway Improvements	550,000	-	-	-	-	-	-	-	-	-	-	-
Fixed Transportation Equipment	8,058,453	2,493,400	981,300	985,000	1,068,500	1,074,800	1,107,000	1,140,300	1,232,100	1,243,100	1,280,400	12,605,900
Four Mile Run Bridge Program	13,000,000	7,000,000	500,000	-	-	-	-	-	-	-	-	7,500,000
Historic Infrastructure Materials	-	508,300	387,300	398,700	414,400	498,300	447,900	465,700	483,900	546,500	587,200	4,738,200
King & Beaugard Intersection Improvements	460,562	1,200,000	1,100,000	-	-	-	-	-	-	-	-	2,300,000
King Street Metrorail Station Area Improvements	1,225,000	-	-	-	-	-	-	-	-	-	-	-
Lower King Street Street Closure	-	-	-	2,055,000	-	-	-	-	-	-	-	2,055,000
Mt. Vernon Trail @ East Abingdon	85,000	-	-	-	-	-	-	-	-	-	-	-
Old Cameron Run Trail	100,000	-	-	-	-	-	-	-	-	-	-	-
Potomac Yard Metrorail Station	175,001,024	-	-	-	-	-	-	-	-	-	-	-
Sidewalk Capital Maintenance	1,009,000	910,500	558,900	966,800	592,800	1,025,600	629,000	1,088,000	667,200	1,123,600	701,700	8,264,100
Street Reconstruction & Resurfacing of Major Roads	27,205,934	4,910,000	4,150,000	2,750,000	4,460,000	3,100,000	3,880,000	4,100,000	4,060,000	4,050,000	4,260,000	39,720,000
Transit Corridor "A" - Route 1	1,325,000	-	-	-	-	-	-	-	-	-	-	-
Transportation Total	241,242,283	19,539,988	10,411,100	10,135,000	10,341,000	14,606,450	10,998,500	14,852,100	15,311,850	16,029,900	14,113,400	136,339,288
WMATA Capital Contributions												
WMATA Capital Contributions	122,923,985	12,475,000	13,075,000	11,745,000	15,775,000	16,165,000	14,894,900	16,745,000	17,045,000	17,210,000	17,420,000	152,549,900
WMATA Capital Contributions Total	122,923,985	12,475,000	13,075,000	11,745,000	15,775,000	16,165,000	14,894,900	16,745,000	17,045,000	17,210,000	17,420,000	152,549,900
GO Bonds Total	653,659,034	366,917,660	159,136,000	229,604,400	76,210,500	72,075,550	162,544,800	69,394,800	61,452,750	65,349,700	55,491,000	1,318,177,160
GO Bonds (Sanitary)												
Sanitary Sewers												
Citywide Sewershed Infiltration & Inflow	9,945,000	-	-	-	-	-	-	-	-	-	-	-
Reconstructions & Extensions of Sanitary Sewers	3,473,708	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer Asset Renewal Program	1,250,000	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewers Total	14,668,708	-	-	-	-	-	-	-	-	-	-	-
GO Bonds (Sanitary) Total	14,668,708	-	-	-	-	-	-	-	-	-	-	-
GO Bonds (Stormwater)												
Community Development												
Oronoco Outfall Remediation Project	5,048,074	-	-	-	-	-	-	-	-	-	-	-
Community Development Total	5,048,074	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewers												
Combined Sewer Assessment & Rehabilitation	6,505,000	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewers Total	6,505,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management												
Cameron Station Pond Retrofit	1,750,000	-	-	-	-	-	-	-	-	-	-	-
City Facilities Stormwater Best Management Practices (BMPs)	1,133,000	-	-	-	-	-	-	-	-	-	-	-
Four Mile Run Channel Maintenance	-	-	-	200,000	200,000	-	1,151,300	2,800,000	-	-	300,000	4,651,300
Green Infrastructure	1,195,000	-	1,449,600	-	-	-	-	-	-	-	-	1,449,600
Hooffs Run Culvert	-	-	-	-	1,616,000	-	-	-	-	2,510,000	-	4,126,000
Inspection and Cleaning (State of Good Repair) CFMP	-	-	-	-	-	-	-	-	-	1,436,600	3,303,300	4,739,900
Large Capacity - Commonwealth Ave & E. Glebe/Ashby St & Glebe Rd	-	26,292,100	12,632,800	-	-	-	-	-	-	-	-	38,924,900
Large Capacity - Hooffs Run Culvert Bypass	-	-	16,176,100	32,352,100	-	-	-	-	-	-	-	48,528,200
Lucky Run Stream Restoration	1,935,000	-	-	-	-	-	-	-	-	-	-	-
MS4-TDML Compliance Water Quality Improvements	3,375,401	-	-	-	-	-	-	1,703,000	1,500,000	1,000,000	1,750,000	5,953,000
Small-Midsize Stormwater Maintenance Projects	-	-	300,000	300,000	376,500	300,000	372,700	300,000	362,900	901,400	922,900	4,136,400
Storm Sewer Capacity Projects	14,535,000	-	-	-	14,761,800	13,367,900	13,226,600	6,450,000	6,100,000	3,750,000	7,000,000	64,656,300
Storm Sewer System Spot Improvements	5,328,827	1,717,900	2,908,000	2,905,200	4,071,000	4,173,000	4,278,000	4,385,000	4,495,000	4,608,000	4,937,000	38,478,100
Stormwater BMP Maintenance CFMP	-	-	-	-	-	-	-	-	346,500	356,900	1,792,200	2,495,600
Strawberry Run Stream Restoration	625,000	-	-	-	-	-	-	-	-	-	-	-
Stream & Channel Maintenance	-	530,000	603,500	842,700	914,700	799,100	971,400	862,000	1,030,600	1,062,100	1,094,600	8,710,700
Taylor Run Stream Restoration	1,867,850	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management Total	31,745,078	28,540,000	34,070,000	36,600,000	21,940,000	18,640,000	20,000,000	16,500,000	13,835,000	15,625,000	21,100,000	226,850,000
GO Bonds (Stormwater) Total	43,298,152	28,540,000	34,070,000	36,600,000	21,940,000	18,640,000	20,000,000	16,500,000	13,835,000	15,625,000	21,100,000	226,850,000
Landmark Redevelopment Supported Bonds												
Community Development												
Landmark Mall Redevelopment Project	-	63,000,000	56,000,000	-	-	-	-	-	-	-	-	119,000,000
Community Development Total	-	63,000,000	56,000,000	-	-	-	-	-	-	-	-	119,000,000
Landmark Redevelopment Supported Bonds Total	-	63,000,000	56,000,000	-	-	-	-	-	-	-	-	119,000,000
Meals Tax Dedication for Affordable Housing												
Community Development												
Affordable Housing Funding	21,192,200	4,906,000	5,004,000	5,104,000	5,206,000	5,310,000	5,417,000	5,525,000	5,635,000	5,748,000	5,863,000	53,718,000
Community Development Total	21,192,200	4,906,000	5,004,000	5,104,000	5,206,000	5,310,000	5,417,000	5,525,000	5,635,000	5,748,000	5,863,000	53,718,000
Meals Tax Dedication for Affordable Housing Total	21,192,200	4,906,000	5,004,000	5,104,000	5,206,000	5,310,000	5,417,000	5,525,000	5,635,000	5,748,000	5,863,000	53,718,000

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
NTVA 70% (Unsecured)												
Transportation												
Transit Corridor "A" - Route 1	-	-	-	-	-	-	10,000,000	-	-	-	-	10,000,000
Transportation Total	-	-	-	-	-	-	10,000,000	-	-	-	-	10,000,000
NTVA 70% (Unsecured) Total	-	-	-	-	-	-	10,000,000	-	-	-	-	10,000,000
NTVA 30% Funds												
Transportation												
DASH Bus Fleet Replacements	17,123,000	1,616,000	1,642,000	164,000	4,092,000	1,791,000	163,900	1,851,000	1,883,000	1,824,000	1,610,000	16,636,900
Landmark Mall 395 Ramp Improvements	2,500,000	-	-	-	-	-	-	-	-	-	-	-
Transit Access & Amenities	1,100,000	-	-	-	-	-	-	-	-	-	-	-
Transit Signal Priority	60,000	-	-	-	-	-	-	-	-	-	-	-
Transit Staffing Contingency	-	-	-	-	-	-	-	-	-	-	-	-
Transit Strategic Plan in Alexandria	75,000	-	-	-	-	-	-	-	-	-	-	-
Transportation Total	20,858,000	1,616,000	1,642,000	164,000	4,092,000	1,791,000	163,900	1,851,000	1,883,000	1,824,000	1,610,000	16,636,900
WMATA Capital Contributions												
WMATA Capital Contributions	12,821,911	3,400,000	3,580,000	5,270,000	1,560,000	1,685,000	3,470,100	1,945,000	2,080,000	2,310,000	2,700,000	28,000,100
WMATA Capital Contributions Total	12,821,911	3,400,000	3,580,000	5,270,000	1,560,000	1,685,000	3,470,100	1,945,000	2,080,000	2,310,000	2,700,000	28,000,100
NTVA 30% Funds Total	33,679,911	5,016,000	5,222,000	5,434,000	5,652,000	3,476,000	3,634,000	3,796,000	3,963,000	4,134,000	4,310,000	44,637,000
NTVA 70% Funds												
Transportation												
DASH Facility Expansion	9,933,161	-	-	-	-	-	-	-	-	-	-	-
DASH Technologies	150,000	-	-	-	-	-	-	-	-	-	-	-
Potomac Yard Metrorail Station	69,500,000	-	-	-	-	-	-	-	-	-	-	-
Transit Access & Amenities	450,000	-	-	-	-	-	-	-	-	-	-	-
Transit Corridor "A" - Route 1	660,000	-	-	-	-	-	-	-	-	-	-	-
Transit Corridor "B" - Duke Street	12,190,000	-	-	55,800,000	-	19,200,000	-	-	-	-	-	75,000,000
Transit Corridor "C" - West End Transitway	4,600,000	-	-	-	-	-	-	-	-	-	-	-
Transit Signal Priority	1,195,491	-	-	-	-	-	-	-	-	-	-	-
Transportation Total	98,678,652	-	-	55,800,000	-	19,200,000	-	-	-	-	-	75,000,000
NTVA 70% Funds Total	98,678,652	-	-	55,800,000	-	19,200,000	-	-	-	-	-	75,000,000
Other City Sources												
Community Development												
Citywide Street Lighting	204,023	-	-	-	-	-	-	-	-	-	-	-
Community Development Total	204,023	-	-	-	-	-	-	-	-	-	-	-
Public Buildings												
DCHS Consolidation and Co-Location	996,298	-	-	-	-	-	-	-	-	-	-	-
Public Buildings Total	996,298	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks												
Open Space Acquisition and Develop.	441,373	-	-	-	-	-	-	-	-	-	-	-
Soft Surface Trails	360	-	-	-	-	-	-	-	-	-	-	-
Tree & Shrub Capital Maintenance	51,425	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks Total	493,158	-	-	-	-	-	-	-	-	-	-	-
Transportation												
Complete Streets	9,766	-	-	-	-	-	-	-	-	-	-	-
Transportation Total	9,766	-	-	-	-	-	-	-	-	-	-	-
Other City Sources Total	1,703,245	-	-	-	-	-	-	-	-	-	-	-
Prior Capital Funding												
Community Development												
Braddock Road Area Plan - Streetscape Improvements	338,564	-	-	-	-	-	-	-	-	-	-	-
Environmental Restoration	76,520	-	-	-	-	-	-	-	-	-	-	-
Fire Department Vehicles & Apparatus	1,681,761	-	-	-	-	-	-	-	-	-	-	-
Waterfront Small Area Plan Implementation (w/ Construction Funding)	545,000	-	-	-	-	-	-	-	-	-	-	-
Community Development Total	2,641,845	-	-	-	-	-	-	-	-	-	-	-
Public Buildings												
2355 Mill Road CFMP	572,581	-	-	-	-	-	-	-	-	-	-	-
City Historic Facilities CFMP	49,264	-	-	-	-	-	-	-	-	-	-	-
Energy Management Program	100,000	-	-	-	-	-	-	-	-	-	-	-
General Services CFMP	176,000	-	-	-	-	-	-	-	-	-	-	-
Office of the Sheriff CFMP	469,428	-	-	-	-	-	-	-	-	-	-	-
Vola Lawson Animal Shelter	195,241	-	-	-	-	-	-	-	-	-	-	-
Witter/Wheeler Campus Funding Reservation	136,000	-	-	-	-	-	-	-	-	-	-	-
Public Buildings Total	1,698,514	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks												
Athletic Field Improvements (incl. Synthetic Turf)	165,000	-	-	-	-	-	-	-	-	-	-	-
Braddock Area Plan Park	515,781	-	-	-	-	-	-	-	-	-	-	-
Open Space Acquisition and Develop.	2,520	-	-	-	-	-	-	-	-	-	-	-
Soft Surface Trails	59,295	-	-	-	-	-	-	-	-	-	-	-
Tree & Shrub Capital Maintenance	1,021,667	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks Total	1,764,263	-	-	-	-	-	-	-	-	-	-	-
Transportation												
Fixed Transportation Equipment	3,701,070	-	-	-	-	-	-	-	-	-	-	-
King & Beauregard Intersection Improvements	19,600	-	-	-	-	-	-	-	-	-	-	-
King Street Metrorail Station Area Improvements	3,392,536	-	-	-	-	-	-	-	-	-	-	-

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Transportation Total	7,113,206	-	-	-	-	-	-	-	-	-	-	-
WMATA Capital Contributions												
WMATA Capital Contributions	4,206,025	-	-	-	-	-	-	-	-	-	-	-
WMATA Capital Contributions Total	4,206,025	-	-	-	-	-	-	-	-	-	-	-
Prior Capital Funding Total	17,423,853	-	-	-	-	-	-	-	-	-	-	-
Prior Year CIP/Close-Out												
IT Plan												
Computer Aided Dispatch (CAD) System Replacement	315,000	-	-	-	-	-	-	-	-	-	-	-
Document Imaging	40,000	-	-	-	-	-	-	-	-	-	-	-
GIS Development	100,000	-	-	-	-	-	-	-	-	-	-	-
HIPAA & Related Health Information Technologies	28,000	-	-	-	-	-	-	-	-	-	-	-
Phone, Web, Portable Device Payment Portals	4,000	-	-	-	-	-	-	-	-	-	-	-
IT Plan Total	487,000	-	-	-	-	-	-	-	-	-	-	-
Prior Year CIP/Close-Out Total	487,000	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions												
Community Development												
Citywide Street Lighting	10,328	-	-	-	-	-	-	-	-	-	-	-
Development Studies	250,000	-	-	-	-	-	-	-	-	-	-	-
Environmental Restoration	238,772	-	-	-	-	-	-	-	-	-	-	-
Oronoco Outfall Remediation Project	926,505	-	-	-	-	-	-	-	-	-	-	-
Public Art Acquisition	643,184	-	-	-	-	-	-	-	-	-	-	-
Waterfront Small Area Plan Implementation (w/ Construction Funding)	676,186	-	-	-	-	-	-	-	-	-	-	-
Community Development Total	2,744,975	-	-	-	-	-	-	-	-	-	-	-
IT Plan												
Connectivity Initiatives	13,010,270	-	-	-	-	-	-	-	-	-	-	-
Council Chamber Technology Upgrade	350,000	-	-	-	-	-	-	-	-	-	-	-
Electronic Government/Web Page	100,000	-	-	-	-	-	-	-	-	-	-	-
Enterprise Data Storage Infrastructure	1,664,435	-	-	-	-	-	-	-	-	-	-	-
HIPAA & Related Health Information Technologies	75,000	-	-	-	-	-	-	-	-	-	-	-
Information Technology Equipment Replacement	300,000	-	-	-	-	-	-	-	-	-	-	-
LAN Development	65,000	-	-	-	-	-	-	-	-	-	-	-
LAN/WAN Infrastructure	4,038,000	-	-	-	-	-	-	-	-	-	-	-
Network Security	800,000	-	-	-	-	-	-	-	-	-	-	-
Network Server Infrastructure	1,772,125	-	-	-	-	-	-	-	-	-	-	-
Voice Over Internet Protocol (VoIP)	3,098,000	-	-	-	-	-	-	-	-	-	-	-
IT Plan Total	25,272,830	-	-	-	-	-	-	-	-	-	-	-
Public Buildings												
Vola Lawson Animal Shelter	500,000	-	-	-	-	-	-	-	-	-	-	-
Public Buildings Total	500,000	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks												
Athletic Field Improvements (incl. Synthetic Turf)	200,000	-	-	-	-	-	-	-	-	-	-	-
Braddock Area Plan Park	1,930,426	-	-	-	-	-	-	-	-	-	-	-
Citywide Parks Improvements Plan	180,411	-	-	-	-	-	-	-	-	-	-	-
Community Matching Fund	437,741	50,000	-	-	-	100,000	-	100,000	-	100,000	-	350,000
Neighborhood Pool Demolition and Conversion	22,259	-	-	-	-	-	-	-	-	-	-	-
Open Space Acquisition and Develop.	23,558	-	-	-	-	-	-	-	-	-	-	-
Park Renovations CFMP	17,000	-	-	-	-	-	-	-	-	-	-	-
Potomac Yard Park Basketball Court Lights	45,000	-	-	-	-	-	-	-	-	-	-	-
Tree & Shrub Capital Maintenance	10,000	-	-	-	-	-	-	-	-	-	-	-
Windmill Hill Park Improvements	35,000	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks Total	2,901,395	50,000	-	-	-	100,000	-	100,000	-	100,000	-	350,000
Stormwater Management												
Cameron Station Pond Retrofit	1,050,000	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer System Spot Improvements	9,927	-	-	-	-	-	-	-	-	-	-	-
Stream & Channel Maintenance	230,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management Total	1,289,927	-	-	-	-	-	-	-	-	-	-	-
Transportation												
Capital Bikeshare	20,000	50,000	50,000	50,000	50,000	-	-	-	-	-	-	200,000
Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade	50,000	-	-	-	-	-	-	-	-	-	-	-
East Glebe & Route 1	4,600,000	-	350,000	-	-	-	-	-	-	-	-	350,000
Eisenhower Avenue Roadway Improvements	37,829	-	-	-	-	-	-	-	-	-	-	-
Eisenhower Metrorail Station Improvements	350,000	-	-	-	-	-	-	-	-	-	-	-
Fixed Transportation Equipment	593,372	-	-	-	-	-	-	-	-	-	-	-
Seminary Road at Beauregard Street Ellipse	-	500,000	-	-	-	-	-	-	-	-	-	500,000
Transit Access & Amenities	60,000	-	-	-	-	-	-	-	-	-	-	-
Transportation Total	5,711,201	550,000	400,000	50,000	50,000	-	-	-	-	-	-	1,050,000
WMATA Capital Contributions												
WMATA Capital Contributions	5,000	-	-	-	-	-	-	-	-	-	-	-
WMATA Capital Contributions Total	5,000	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions Total	38,425,328	600,000	400,000	50,000	50,000	100,000	-	100,000	-	100,000	-	1,400,000
PY Special Tax District Revenue												
CIP Development & Implementation Staff												
Capital Project Implementation Non-Personnel Expenditures	-	1,900	2,000	2,100	2,200	2,300	2,400	2,500	2,600	2,700	2,800	23,500

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Capital Project Implementation Personnel (30.00 FTE)	191,000	-	-	-	-	-	-	-	-	-	-	-
Capital Project Implementation Personnel (31.00 FTE)	-	201,000	211,000	221,000	232,000	244,000	256,000	269,000	282,000	296,000	311,000	2,523,000
CIP Development & Implementation Staff Total	191,000	202,900	213,000	223,100	234,200	246,300	258,400	271,500	284,600	298,700	313,800	2,546,500
Transportation												
Potomac Yard Metrorail Station	39,565,633	-	-	-	-	-	-	-	-	-	-	-
Transportation Total	39,565,633	-	-	-	-	-	-	-	-	-	-	-
PY Special Tax District Revenue Total	39,756,633	202,900	213,000	223,100	234,200	246,300	258,400	271,500	284,600	298,700	313,800	2,546,500
Reprogrammed Capital Balances												
ACPS												
ACPS Capital Program	-	-	-	-	-	-	-	-	-	-	-	-
ACPS Total	-	-	-	-	-	-	-	-	-	-	-	-
IT Plan												
AJIS System	3,486,496	-	-	-	-	-	-	-	-	-	-	-
IT Plan Total	3,486,496	-	-	-	-	-	-	-	-	-	-	-
Reprogrammed Capital Balances Total	3,486,496	-	-	-	-	-	-	-	-	-	-	-
Reprogrammed Project Balances (Sanitary)												
Sanitary Sewers												
Combined Sewer Wet Weather Mitigation	-	1,500,000	-	-	-	-	-	-	-	-	-	1,500,000
Sanitary Sewer Asset Renewal Program	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer Wet Weather Mitigation	-	3,000,000	-	-	-	-	-	-	-	-	-	3,000,000
Sanitary Sewers Total	-	4,500,000	-	-	-	-	-	-	-	-	-	4,500,000
Reprogrammed Project Balances (Sanitary) Total	-	4,500,000	-	-	-	-	-	-	-	-	-	4,500,000
Reprogrammed TIP Bonds												
Transportation												
Citywide Trans. Mgmt. Tech. - Transportation Technologies	95,312	-	-	-	-	-	-	-	-	-	-	-
Transportation Total	95,312	-	-	-	-	-	-	-	-	-	-	-
Reprogrammed TIP Bonds Total	95,312	-	-	-	-	-	-	-	-	-	-	-
Sale of Property Revenue												
Public Buildings												
General Services CFMP	100,000	-	-	-	-	-	-	-	-	-	-	-
Public Buildings Total	100,000	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks												
Citywide Parks Improvements Plan	225,000	-	-	-	-	-	-	-	-	-	-	-
Open Space Acquisition and Develop.	186,573	-	-	-	-	-	-	-	-	-	-	-
Public Pools	27,000	-	-	-	-	-	-	-	-	-	-	-
Water Management & Irrigation	53,000	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks Total	491,573	-	-	-	-	-	-	-	-	-	-	-
Transportation												
DASH Bus Fleet Replacements	500,000	-	-	-	-	-	-	-	-	-	-	-
Transportation Total	500,000	-	-	-	-	-	-	-	-	-	-	-
Sale of Property Revenue Total	1,091,573	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer Fund												
CIP Development & Implementation Staff												
Capital Project Implementation Personnel (30.00 FTE)	840,664	-	-	-	-	-	-	-	-	-	-	-
Capital Project Implementation Personnel (31.00 FTE)	-	846,000	885,000	929,000	975,000	1,024,000	1,075,000	1,129,000	1,185,000	1,244,000	1,306,000	10,598,000
CIP Development & Implementation Staff Total	840,664	846,000	885,000	929,000	975,000	1,024,000	1,075,000	1,129,000	1,185,000	1,244,000	1,306,000	10,598,000
Community Development												
Development Studies	100,000	-	-	-	-	-	-	-	-	-	-	-
Environmental Restoration	208,134	53,000	56,000	59,000	62,000	65,000	68,000	71,000	75,000	79,000	83,000	671,000
Community Development Total	308,134	53,000	56,000	59,000	62,000	65,000	68,000	71,000	75,000	79,000	83,000	671,000
Sanitary Sewers												
AlexRenew Wastewater Treatment Plant Capacity	-	-	-	-	2,400,000	-	-	-	-	-	-	2,400,000
Citywide Sewershed Infiltration & Inflow	9,951,715	-	-	-	-	-	-	-	-	-	-	-
Combined Sewer Assessment & Rehabilitation	3,500,000	-	4,130,000	-	-	-	-	-	-	-	-	4,130,000
Combined Sewer Wet Weather Mitigation	-	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	9,000,000
Reconstructions & Extensions of Sanitary Sewers	11,230,639	-	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	8,100,000
Sanitary Sewer Asset Renewal Program	4,500,000	4,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	36,000,000
Sanitary Sewer Stream Crossing Protection	-	1,125,000	-	4,132,700	-	140,700	-	149,300	-	158,400	-	5,706,100
Sanitary Sewer Wet Weather Mitigation	-	-	1,500,000	1,500,000	1,000,000	1,000,000	500,000	500,000	500,000	500,000	500,000	7,500,000
Sanitary Sewers Total	29,182,354	5,625,000	11,030,000	11,032,700	8,800,000	6,540,700	5,900,000	6,049,300	5,900,000	6,058,400	5,900,000	72,836,100
Stormwater Management												
Green Infrastructure	350,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management Total	350,000	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer Fund Total	30,681,152	6,524,000	11,971,000	12,020,700	9,837,000	7,629,700	7,043,000	7,249,300	7,160,000	7,381,400	7,289,000	84,105,100
State/Federal Grants												
Community Development												
Waterfront Small Area Plan Implementation (w/ Construction Funding)	-	3,241,000	-	-	-	-	-	-	-	-	-	3,241,000
Community Development Total	-	3,241,000	-	-	-	-	-	-	-	-	-	3,241,000
IT Plan												
Emergency 911 Phone System Upgrade	150,000	-	-	-	-	-	-	-	-	-	-	-
IT Plan Total	150,000	-	-	-	-	-	-	-	-	-	-	-
Public Buildings												
City Historic Facilities CFMP	98,768	-	-	-	-	-	-	-	-	-	-	-

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Freedom House Museum Restoration	-	-	-	-	-	-	-	-	-	-	-	-
Public Buildings Total	98,768	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks												
Four Mile Run Park Wetlands Connector Bridge	300,000	-	-	-	-	-	-	-	-	-	-	-
Playground Renovations CFMP	200,000	-	-	-	-	-	-	-	-	-	-	-
Tree & Shrub Capital Maintenance	5,000	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks Total	505,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management												
Cameron Station Pond Retrofit	1,881,885	-	-	-	-	-	-	-	-	-	-	-
Large Capacity - Commonwealth Ave & E. Glebe/Ashby St & Glebe Rd	-	115,200	-	-	-	-	-	-	-	-	-	115,200
Lucky Run Stream Restoration	668,720	-	-	-	-	-	-	-	-	-	-	-
Strawberry Run Stream Restoration	800,000	-	-	-	-	-	-	-	-	-	-	-
Taylor Run Stream Restoration	2,255,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management Total	5,605,605	115,200	-	-	-	-	-	-	-	-	-	115,200
Transportation												
Access Improvements at Landmark	-	513,000	1,013,100	5,288,500	-	-	-	-	-	-	-	6,814,600
Bicycle Parking at Transit	505,000	-	-	-	-	-	-	-	-	-	-	-
Capital Bikeshare	3,905,561	-	-	-	-	-	-	-	-	-	-	-
Citywide Parking - Parking Technologies	986,540	-	-	-	-	-	-	-	-	-	-	-
Citywide Trans. Mgmt. Tech. - Broadband Communications Link	1,000,000	-	-	-	-	-	-	-	-	-	-	-
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	8,298,892	-	-	-	-	-	-	-	-	-	-	-
CMAQ Contingency from Cancelled Backlick Run Multi-Use Paths	2,210,003	-	-	-	-	-	-	-	-	-	-	-
DASH Bus Fleet Replacements	3,154,728	-	-	-	-	-	-	-	-	-	-	-
DASH Facility Expansion	8,925,000	-	-	-	-	-	-	-	-	-	-	-
DASH Technologies	477,568	-	-	-	-	-	-	-	-	-	-	-
East Glebe & Route 1	-	-	-	-	535,000	-	1,317,000	1,261,000	-	-	-	3,113,000
Eisenhower Avenue Roadway Improvements	7,873,802	-	-	-	-	-	-	-	-	-	-	-
Eisenhower Metrorail Station Improvements	6,152,840	-	-	-	-	-	-	-	-	-	-	-
King & Beauregard Intersection Improvements	15,992,700	-	-	-	-	-	-	-	-	-	-	-
King Street Metrorail Station Area Improvements	9,398,706	-	-	-	-	-	-	-	-	-	-	-
King Street-Bradlee Roadway Improvements	-	915,000	1,300,000	-	-	-	-	-	-	-	-	2,215,000
Landmark Mall Transit Center	-	-	-	-	6,987,700	6,009,500	-	-	-	-	-	12,997,200
Mt. Vernon Avenue North Complete Streets	520,000	-	-	-	-	-	-	-	-	-	-	-
Mt. Vernon Trail @ East Abingdon	750,000	-	-	-	-	-	-	-	-	-	-	-
Old Cameron Run Trail	3,445,000	2,646,000	1,123,000	1,045,000	-	-	-	-	-	-	-	4,814,000
Potomac Yard Metrorail Station	51,000,000	-	-	-	-	-	-	-	-	-	-	-
Seminary / Howard Safety Improvements	377,990	-	-	-	-	-	-	-	-	-	-	-
South Patrick Street Median Improvements	-	1,335,000	1,000,000	1,046,000	-	-	-	-	-	-	-	3,381,000
Street Reconstruction & Resurfacing of Major Roads	11,749,963	-	-	-	-	-	-	-	-	-	-	-
Traffic Adaptive Signal Control	5,266,347	-	-	-	-	-	-	-	-	-	-	-
Transit Access & Amenities	3,230,549	400,000	-	-	-	-	-	-	-	-	-	400,000
Transit Corridor "A" - Route 1	23,673,743	-	-	-	-	-	-	-	-	-	-	-
Transit Corridor "C" - West End Transitway	6,871,388	-	-	-	-	-	-	-	-	-	-	-
Transit Signal Priority	-	-	374,000	1,736,000	-	-	-	-	-	-	-	2,110,000
Transit Strategic Plan in Alexandria	75,000	-	-	-	-	-	-	-	-	-	-	-
Transportation Total	175,841,320	5,809,000	4,810,100	9,115,500	7,522,700	6,009,500	1,317,000	1,261,000	-	-	-	35,844,800
WMATA Capital Contributions												
WMATA Capital Contributions	3,250,000	-	-	-	-	-	-	-	-	-	-	-
WMATA Capital Contributions Total	3,250,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants Total	185,450,693	9,165,200	4,810,100	9,115,500	7,522,700	6,009,500	1,317,000	1,261,000	-	-	-	39,201,000
State/Federal Grants (Smartscale)												
Transportation												
DASH Facility Expansion	-	-	2,928,000	1,281,000	-	-	-	-	-	-	-	4,209,000
DASH Fleet Expansion & Electrification	-	-	4,960,000	7,040,000	-	-	-	-	-	-	-	12,000,000
Duke Street and West Taylor Run Safety Improvements	-	701,000	1,390,000	-	1,815,000	-	-	-	-	-	-	3,906,000
Traffic Adaptive Signal Control	-	2,953,000	-	-	-	-	-	-	-	-	-	2,953,000
Transit Corridor "C" - West End Transitway	-	4,029,000	24,587,000	32,613,000	-	-	-	-	-	-	-	61,229,000
Transportation Total	-	7,683,000	33,865,000	40,934,000	1,815,000	-	-	-	-	-	-	84,297,000
State/Federal Grants (Smartscale) Total	-	7,683,000	33,865,000	40,934,000	1,815,000	-	-	-	-	-	-	84,297,000
State/Federal Grants (Unsecured)												
Recreation & Parks												
Douglass Cemetery Restoration	-	-	1,000,000	-	-	-	-	-	-	-	-	1,000,000
Holmes Run Trail Repairs	-	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks Total	-	-	1,000,000	-	-	-	-	-	-	-	-	1,000,000
Transportation												
Alexandria Mobility Plan	-	-	-	-	-	-	-	750,000	-	-	-	750,000
DASH Bus Fleet Replacements	-	-	5,750,100	-	4,286,000	12,335,750	-	4,450,000	13,276,450	19,755,000	-	59,853,300
DASH Fleet Expansion & Electrification	-	-	7,187,500	4,975,000	5,027,800	-	-	-	-	-	-	17,190,300
Electric Bus On-Route Charging Stations	-	-	-	1,894,000	1,950,800	1,004,800	-	-	-	-	-	4,849,600
Landmark Mall 395 Ramp Improvements	-	-	-	-	8,842,200	-	-	-	-	-	-	8,842,200
Mt. Vernon Avenue North Complete Streets	-	-	-	-	-	-	-	-	1,000,000	-	-	1,000,000
Seminary Road at Beauregard Street Ellipse	-	-	-	3,250,000	-	33,000,000	-	-	-	-	-	36,250,000
Transit Corridor "C" - West End Transitway	-	-	-	-	5,000,000	-	-	-	-	-	-	5,000,000

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Transportation Total	-	-	12,937,600	10,119,000	25,106,800	46,340,550	-	5,200,000	14,276,450	19,755,000	-	133,735,400
State/Federal Grants (Unsecured) Total	-	-	13,937,600	10,119,000	25,106,800	46,340,550	-	5,200,000	14,276,450	19,755,000	-	134,735,400
Stormwater Utility Fund												
CIP Development & Implementation Staff												
Capital Project Implementation Personnel (30.00 FTE)	1,091,968	-	-	-	-	-	-	-	-	-	-	-
Capital Project Implementation Personnel (31.00 FTE)	-	1,281,000	1,342,000	1,409,030	1,479,067	1,553,085	1,631,059	1,713,062	1,799,065	1,889,038	1,983,050	16,079,457
CIP Development & Implementation Staff Total	1,091,968	1,281,000	1,342,000	1,409,030	1,479,067	1,553,085	1,631,059	1,713,062	1,799,065	1,889,038	1,983,050	16,079,457
Community Development												
Development Studies	100,000	-	-	-	-	-	-	-	-	-	-	-
Environmental Restoration	156,614	53,000	56,000	59,000	62,000	65,000	68,000	71,000	75,000	79,000	83,000	671,000
Oronoco Outfall Remediation Project	44,873	-	-	-	-	-	-	-	-	-	-	-
Community Development Total	301,487	53,000	56,000	59,000	62,000	65,000	68,000	71,000	75,000	79,000	83,000	671,000
Sanitary Sewers												
Combined Sewer Assessment & Rehabilitation	1,500,000	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewers Total	1,500,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management												
Braddock and West Flood Management	-	198,000	-	-	-	-	-	-	-	-	-	198,000
Cameron Station Pond Retrofit	41,589	-	-	-	-	-	-	-	-	-	-	-
City Facilities Stormwater Best Management Practices (BMPs)	375,000	-	-	-	-	-	-	-	-	-	-	-
Floodproofing Grant Program	750,000	769,000	789,000	809,000	830,000	851,000	873,000	895,000	918,000	941,000	965,000	8,640,000
Four Mile Run Channel Maintenance	900,000	936,600	-	100,000	100,000	-	100,000	100,000	-	300,000	-	1,636,600
Green Infrastructure	766,026	-	100,000	-	-	-	-	-	-	-	-	100,000
Inspection and Cleaning (State of Good Repair) CFMP	-	1,268,000	1,457,000	1,578,000	1,695,000	1,835,000	2,006,000	2,220,000	2,496,000	1,425,400	700	15,981,100
Lucky Run Stream Restoration	248,995	-	-	-	-	-	-	-	-	-	-	-
MS4-TDML Compliance Water Quality Improvements	2,229,599	1,300,000	2,100,000	1,800,000	2,050,000	1,750,000	2,000,000	872,000	-	-	-	11,872,000
NPDES / MS4 Permit	900,000	-	170,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	185,900	1,594,700
Phosphorus Exchange Bank	-	-	-	-	-	-	-	-	-	-	-	-
Small-Midsize Stormwater Maintenance Projects	-	581,300	313,900	349,100	309,400	424,400	393,100	509,100	491,300	-	-	3,371,600
Storm Sewer Capacity Projects	5,836,497	-	-	-	1,188,200	1,832,100	448,400	250,000	250,000	250,000	-	4,218,700
Storm Sewer System Spot Improvements	2,750,500	2,049,918	1,103,000	1,216,800	157,000	164,000	262,000	221,000	193,000	204,000	-	5,570,718
Stormwater BMP Maintenance CFMP	520,000	286,000	303,500	1,575,300	1,622,500	317,100	326,600	336,400	-	-	-	4,767,400
Stormwater Utility Implementation	155,000	-	-	-	-	-	-	-	-	-	-	-
Strawberry Run Stream Restoration	170,138	-	-	-	-	-	-	-	-	-	-	-
Stream & Channel Maintenance	1,909,727	351,000	304,000	92,000	48,000	192,500	50,000	190,000	53,000	54,000	55,000	1,389,500
Taylor Run Stream Restoration	317,408	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management Total	17,870,479	7,739,818	6,640,400	7,691,900	8,173,600	7,541,300	6,636,100	5,772,200	4,581,800	3,356,600	1,206,600	59,340,318
Stormwater Utility Fund Total	20,763,934	9,073,818	8,038,400	9,159,930	9,714,667	9,159,385	8,335,159	7,556,262	6,455,865	5,324,638	3,272,650	76,090,775
TIP												
CIP Development & Implementation Staff												
Capital Project Implementation Personnel (30.00 FTE)	378,018	-	-	-	-	-	-	-	-	-	-	-
Capital Project Implementation Personnel (31.00 FTE)	-	378,000	397,000	417,000	438,000	460,000	483,000	507,000	532,000	559,000	587,000	4,758,000
CIP Development & Implementation Staff Total	378,018	378,000	397,000	417,000	438,000	460,000	483,000	507,000	532,000	559,000	587,000	4,758,000
Community Development												
Environmental Restoration	104,324	55,000	58,000	61,000	64,000	67,000	70,000	74,000	78,000	82,000	86,000	695,000
Community Development Total	104,324	55,000	58,000	61,000	64,000	67,000	70,000	74,000	78,000	82,000	86,000	695,000
Transportation												
Bridge Repairs	650,000	-	-	-	-	-	-	-	-	-	-	-
Bus Shelter Maintenance	-	113,000	116,400	119,900	123,500	127,200	131,000	135,000	139,000	143,200	147,500	1,295,700
Capital Bikeshare	691,991	-	-	-	-	-	-	-	-	-	-	-
City Standard Construction Specifications	100,000	-	-	-	-	-	-	-	-	-	-	-
Citywide Trans. Mgmt. Tech. - Broadband Communications Link	18,742	-	-	-	-	-	-	-	-	-	-	-
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	2,372,530	-	-	-	-	-	-	-	-	-	-	-
Citywide Trans. Mgmt. Tech. - Transportation Technologies	1,410,000	265,300	-	281,500	-	298,500	309,500	316,800	326,300	336,100	336,100	2,470,100
Complete Streets	363,735	-	-	-	-	-	-	-	-	-	-	-
DASH Bus Fleet Replacements	607,994	-	-	-	-	-	-	-	-	-	-	-
Eisenhower Avenue Roadway Improvements	1,100,000	-	-	-	-	-	-	-	-	-	-	-
Eisenhower Metrorail Station Improvements	250,000	-	-	-	-	-	-	-	-	-	-	-
Fixed Transportation Equipment	1,287,429	-	-	-	-	-	-	-	-	-	-	-
King Street Metrorail Station Area Improvements	2,925,000	-	-	-	-	-	-	-	-	-	-	-
Mt. Vernon Avenue North Complete Streets	300,000	-	-	-	-	-	-	-	-	-	-	-
Mt. Vernon Trail @ East Abingdon	15,000	-	-	-	-	-	-	-	-	-	-	-
Seminary Road at Beauregard Street Ellipse	325,000	-	-	-	-	-	-	-	-	-	-	-
Street Reconstruction & Resurfacing of Major Roads	3,950,000	700,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	9,700,000
Transit Access & Amenities	98,376	-	-	-	-	-	-	-	-	-	-	-
Transit Corridor "A" - Route 1	4,195,000	-	-	-	-	-	-	-	-	-	-	-
Transit Corridor "C" - West End Transitway	2,100,000	-	-	-	-	-	-	-	-	-	-	-
Transportation Total	22,760,797	1,078,300	1,116,400	1,401,400	1,123,500	1,425,700	1,440,500	1,451,800	1,465,300	1,479,300	1,483,600	13,465,800
WMATA Capital Contributions												
WMATA Capital Contributions	3,826,967	385,000	-	50,000	150,000	70,000	-	135,000	175,000	270,000	-	1,235,000
WMATA Capital Contributions Total	3,826,967	385,000	-	50,000	150,000	70,000	-	135,000	175,000	270,000	-	1,235,000
TIP Total	27,070,106	1,896,300	1,571,400	1,929,400	1,775,500	2,022,700	1,993,500	2,167,800	2,250,300	2,390,300	2,156,600	20,153,800
Use of CIP Designated Fund Balance												
ACPS												



Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
ACPS Capital Program	-	1,053,000	1,095,100	-	-	-	-	-	-	-	-	2,148,100
ACPS Total	-	1,053,000	1,095,100	-	-	-	-	-	-	-	-	2,148,100
Community Development												
Waterfront Small Area Plan Implementation (w/ Construction Funding)	5,000,000	1,000,000	1,000,000	-	-	-	-	-	-	-	-	2,000,000
Community Development Total	5,000,000	1,000,000	1,000,000	-	-	-	-	-	-	-	-	2,000,000
IT Plan												
AJIS System	3,000,000	-	-	-	-	-	-	-	-	-	-	-
Computer Aided Dispatch (CAD) System Replacement	-	1,000,000	4,900,000	-	-	-	-	-	-	-	-	5,900,000
IT Plan Total	3,000,000	1,000,000	4,900,000	-	-	-	-	-	-	-	-	5,900,000
Recreation & Parks												
Holmes Run Trail Repairs	1,000,000	1,200,000	-	-	-	-	-	-	-	-	-	1,200,000
Old Town Pool		1,474,400										1,474,400
Recreation & Parks Total	1,000,000	2,674,400	-	-	-	-	-	-	-	-	-	2,674,400
Transportation												
DASH Bus Fleet Replacements		4,272,600	3,004,900	-	-	-	-	-	-	-	-	7,277,500
Transportation Total		4,272,600	3,004,900	-	-	-	-	-	-	-	-	7,277,500
Use of CIP Designated Fund Balance Total	9,000,000	10,000,000	10,000,000	-	-	-	-	-	-	-	-	20,000,000
Use of Stormwater Fund Utility Balance												
Stormwater Management												
Storm Sewer Capacity Projects	3,600,000	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer System Spot Improvements		2,139,182	-	-	-	-	-	-	-	-	-	2,139,182
Stormwater Management Total	3,600,000	2,139,182	-	-	-	-	-	-	-	-	-	2,139,182
Use of Stormwater Fund Utility Balance Total	3,600,000	2,139,182	-	-	-	-	-	-	-	-	-	2,139,182
Use of Stormwater Tax Dedication Fund Balance												
Stormwater Management												
Storm Sewer Capacity Projects	1,765,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management Total	1,765,000	-	-	-	-	-	-	-	-	-	-	-
Use of Stormwater Tax Dedication Fund Balance Total	1,765,000	-	-	-	-	-	-	-	-	-	-	-
VDOT Primary Extension Routes (SGR)												
Transportation												
Street Reconstruction & Resurfacing of Major Roads		1,500,000	-	1,500,000	-	1,500,000	-	1,500,000	-	1,500,000	-	7,500,000
Transportation Total		1,500,000	-	1,500,000	-	1,500,000	-	1,500,000	-	1,500,000	-	7,500,000
VDOT Primary Extension Routes (SGR) Total		1,500,000	-	1,500,000	-	1,500,000	-	1,500,000	-	1,500,000	-	7,500,000
VDOT State Revenue Sharing												
Transportation												
Bridge Repairs	-	-	-	-	-	1,500,000	-	-	-	-	-	1,500,000
Street Reconstruction & Resurfacing of Major Roads	3,197,000	-	-	-	-	-	1,500,000	2,000,000	-	1,500,000	1,500,000	6,500,000
Transportation Total	3,197,000	-	-	-	-	1,500,000	1,500,000	2,000,000	-	1,500,000	1,500,000	8,000,000
VDOT State Revenue Sharing Total	3,197,000	-	-	-	-	1,500,000	1,500,000	2,000,000	-	1,500,000	1,500,000	8,000,000
VTIB State Loan												
Transportation												
Potomac Yard Metrorail Station	50,000,000	-	-	-	-	-	-	-	-	-	-	-
Transportation Total	50,000,000	-	-	-	-	-	-	-	-	-	-	-
VTIB State Loan Total	50,000,000	-	-	-	-	-	-	-	-	-	-	-
<b>Grand Total</b>	<b>1,630,646,784</b>	<b>561,155,721</b>	<b>390,169,900</b>	<b>455,279,430</b>	<b>205,596,767</b>	<b>231,800,085</b>	<b>259,282,759</b>	<b>160,046,662</b>	<b>153,412,965</b>	<b>167,781,738</b>	<b>140,522,050</b>	<b>2,725,048,078</b>

**Table 4**  
**Proposed FY 2023 - FY 2032 Capital Improvement Program**  
**Debt Service Indicators**

<b>Table 4</b>				
<b>Debt Service Indicators</b>				
			General Government Expenditures	Assessed Value of Real Property (Thousands of Dollars) (1)
	Total Debt Service	Outstanding Debt		
FY 2003	\$17,739,094	\$143,615,000	\$488,044,085	\$19,225,926
FY 2004	\$18,938,838	\$197,520,000	\$516,275,303	\$22,757,185
FY 2005	\$22,938,317	\$241,890,000	\$545,688,442	\$27,359,650
FY 2006	\$27,101,086	\$296,540,000	\$623,774,871	\$32,906,719
FY 2007	\$31,232,166	\$278,525,000	\$689,280,260	\$35,554,958
FY 2008	\$30,775,390	\$260,350,000	\$688,844,141	\$35,102,817
FY 2009	\$32,412,775	\$383,950,000	\$720,924,777	\$33,964,198
FY 2010	\$34,844,533	\$364,485,000	\$705,338,251	\$31,649,490
FY 2011	\$38,735,420	\$415,720,000	\$722,966,982	\$32,631,952
FY 2012	\$43,438,079	\$459,060,000	\$735,769,542	\$33,782,698
FY 2013	\$48,571,714	\$508,700,000	\$763,516,075	\$34,725,071
FY 2014	\$57,029,259	\$539,780,000	\$820,080,010	\$35,895,604
FY 2015	\$61,515,268	\$540,495,000	\$817,311,890	\$37,146,860
FY 2016	\$63,548,772	\$500,826,453	\$808,809,675	\$38,195,319
FY 2017	\$65,046,321	\$557,233,000	\$860,542,894	\$38,987,294
FY 2018	\$66,457,089	\$680,021,000	\$919,273,102	\$39,897,987
FY 2019	\$70,500,549	\$674,957,000	\$1,063,437,379	\$40,977,242
FY 2020	\$69,398,019	\$678,831,000	\$1,032,386,517	\$42,679,237
FY 2021	\$69,438,413	\$750,382,000	\$1,118,493,174	\$43,826,796
FY 2022	\$75,015,658	\$978,899,833	\$1,313,374,095	\$45,141,600
FY 2023	\$81,753,195	\$1,134,747,000	\$1,570,330,422	\$47,949,210
FY 2024	\$102,140,847	\$1,332,881,674	\$1,429,619,842	\$49,387,700
FY 2025	\$120,895,748	\$1,455,948,353	\$1,525,912,870	\$50,869,300
FY 2026	\$133,400,530	\$1,523,778,002	\$1,308,349,210	\$52,395,400
FY 2027	\$143,861,729	\$1,571,150,955	\$1,367,635,102	\$53,967,300
FY 2028	\$162,107,910	\$1,715,607,032	\$1,429,192,826	\$55,586,300
FY 2029	\$178,980,205	\$1,750,982,368	\$1,365,054,031	\$57,253,900
FY 2030	\$185,445,220	\$1,771,150,414	\$1,394,570,556	\$58,971,500
FY 2031	\$192,077,685	\$1,791,993,867	\$1,446,174,056	\$60,740,600
FY 2032	\$196,854,848	\$1,805,096,381	\$1,457,266,138	\$62,562,800

(1) Presented on a calendar year basis. Future growth assumes a 3.0% increase annually.

Table 4 (Continued)  
Proposed FY 2023 - FY 2032 Capital Improvement Program  
Debt Service Indicators

<b>Table 4</b>		
<b>Debt Service Indicators (1)</b>		
Fiscal Year	Ratio of Debt Service to General Government Expenditures (2)	Outstanding Debt as a Percentage of Assessed Value of Real Property (3)
Ceiling	12.0%	2.50%
FY 2003	3.6%	0.8%
FY 2004	3.7%	0.9%
FY 2005	4.2%	0.9%
FY 2006	4.3%	0.9%
FY 2007	4.5%	0.8%
FY 2008	4.5%	0.7%
FY 2009	4.5%	1.1%
FY 2010	4.9%	1.2%
FY 2011	5.3%	1.3%
FY 2012	5.7%	1.4%
FY 2013	5.8%	1.5%
FY 2014	7.6%	1.5%
FY 2015	7.7%	1.4%
FY 2016	7.3%	1.3%
FY 2017	5.4%	1.4%
FY 2018	7.5%	1.5%
FY 2019	6.5%	1.6%
FY 2020	6.5%	1.6%
FY 2021	5.9%	1.1%
FY 2022	5.2%	1.5%
FY 2023	4.8%	1.8%
FY 2024	6.7%	2.1%
FY 2025	7.5%	2.3%
FY 2026	9.5%	2.3%
FY 2027	9.5%	2.3%
FY 2028	10.1%	2.4%
FY 2029	11.6%	2.4%
FY 2030	11.6%	2.3%
FY 2031	11.3%	2.3%
FY 2032	11.5%	2.2%

(1) Debt Service Indicators exempt Sanitary Sewer and Stormwater enterprise fund debt for FY 2018 and beyond. Prior to FY 2018, only Sanitary Sewer debt was exempt, but now Storm Sewers will be funded by an enterprise fund fee-based system. For FY 2021 and forward, debt service related to Potomac Yard Metrorail station is also exempted from ratios, as this debt has dedicated funding sources available for repayment.

(2) General Government expenditures beyond for FY 2023 and beyond are based budgeted long range forecast.

## Table 5: General Obligation Bond Repayment Schedules

Table 5, below, summarizes the annual debt service for all currently outstanding general obligation bond issues of the City of Alexandria. Tables 6 through 24, on the following pages, show the date of issue, the years remaining on the payment schedule, and the amount of principal and interest due each year for the individual bond issues. The debt service on these tables includes all general obligation bonded debt including that financed by sanitary sewer fees, open space dedicated real estate tax revenues, affordable housing dedicated, and Potomac Yard real estate tax revenues.

<b>Table 5. City of Alexandria, VA</b> <b>Summary of Debt Service</b> <b>Debt Outstanding at June 30, 2022</b>			
Fiscal Year	Principal	Interest	Total
FY 2023	\$49,934,000	\$27,120,500	\$77,054,500
FY 2024	\$48,842,000	\$25,156,151	\$73,998,151
FY 2025	\$51,559,000	\$23,150,711	\$74,709,711
FY 2026	\$49,581,000	\$21,032,009	\$70,613,009
FY 2027	\$46,542,000	\$18,951,402	\$65,493,402
FY 2028	\$48,819,000	\$16,883,147	\$65,702,147
FY 2029	\$48,954,000	\$14,851,446	\$63,805,446
FY 2030	\$46,087,000	\$13,100,814	\$59,187,814
FY 2031	\$41,669,000	\$11,554,734	\$53,223,734
FY 2032	\$37,739,000	\$10,138,247	\$47,877,247
FY 2033	\$33,505,000	\$8,930,019	\$42,435,019
FY 2034	\$26,730,000	\$7,869,816	\$34,599,816
FY 2035	\$28,140,000	\$7,073,119	\$35,213,119
FY 2036	\$27,185,000	\$6,355,974	\$33,540,974
FY 2037	\$27,065,000	\$5,638,935	\$32,703,935
FY 2038	\$23,865,000	\$4,967,445	\$28,832,445
FY 2039	\$18,920,000	\$4,387,046	\$23,307,046
FY 2040	\$17,010,000	\$3,933,859	\$20,943,859
FY 2041	\$17,240,000	\$3,529,031	\$20,769,031
FY 2042	\$16,385,000	\$3,115,075	\$19,500,075
FY 2043	\$9,515,000	\$2,762,325	\$12,277,325
FY 2044	\$9,805,000	\$2,472,525	\$12,277,525
FY 2045	\$10,100,000	\$2,173,950	\$12,273,950
FY 2046	\$10,410,000	\$1,866,300	\$12,276,300
FY 2047	\$10,725,000	\$1,549,275	\$12,274,275
FY 2048	\$11,055,000	\$1,222,575	\$12,277,575
FY 2049	\$11,390,000	\$885,900	\$12,275,900
FY 2050	\$11,740,000	\$538,950	\$12,278,950
FY 2051	\$12,095,000	\$181,425	\$12,276,425
<b>TOTAL</b>	<b>\$802,606,000</b>	<b>\$251,392,706</b>	<b>\$1,053,998,706</b>

\*\* Of the FY 2023 debt service, \$31.9 million is debt service for Alexandria City Public Schools related general obligation bonds issued by the City.

<b>Table 6. City of Alexandria, VA</b> <b>General Obligation Bond Issue of \$143.135 million (December 2021)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$3,000,000	\$5,167,200	\$8,167,200
FY 2024	\$5,000,000	\$4,967,200	\$9,967,200
FY 2025	\$7,945,000	\$4,643,575	\$12,588,575
FY 2026	\$7,945,000	\$4,246,325	\$12,191,325
FY 2027	\$7,945,000	\$3,849,075	\$11,794,075
FY 2028	\$7,945,000	\$3,451,825	\$11,396,825
FY 2029	\$7,945,000	\$3,054,575	\$10,999,575
FY 2030	\$7,945,000	\$2,657,325	\$10,602,325
FY 2031	\$7,945,000	\$2,260,075	\$10,205,075
FY 2032	\$7,945,000	\$1,862,825	\$9,807,825
FY 2033	\$7,160,000	\$1,521,000	\$8,681,000
FY 2034	\$7,160,000	\$1,234,600	\$8,394,600
FY 2035	\$7,160,000	\$1,028,750	\$8,188,750
FY 2036	\$7,160,000	\$903,450	\$8,063,450
FY 2037	\$7,160,000	\$773,675	\$7,933,675
FY 2038	\$7,160,000	\$639,425	\$7,799,425
FY 2039	\$7,160,000	\$500,700	\$7,660,700
FY 2040	\$7,155,000	\$357,550	\$7,512,550
FY 2041	\$7,150,000	\$214,500	\$7,364,500
FY 2042	\$7,150,000	\$71,500	\$7,221,500
<b>TOTAL</b>	<b>\$143,135,000</b>	<b>\$43,405,150</b>	<b>\$186,540,150</b>

<b>Table 7. City of Alexandria, VA</b> <b>General Obligation Refunding Bonds of \$11.695 million (December 2021)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$0	\$239,588	\$239,588
FY 2024	\$0	\$220,593	\$220,593
FY 2025	\$0	\$220,593	\$220,593
FY 2026	\$90,000	\$219,693	\$309,693
FY 2027	\$1,945,000	\$199,343	\$2,144,343
FY 2028	\$95,000	\$178,943	\$273,943
FY 2029	\$95,000	\$177,043	\$272,043
FY 2030	\$100,000	\$175,093	\$275,093
FY 2031	\$1,915,000	\$157,815	\$2,072,815
FY 2032	\$1,895,000	\$124,956	\$2,019,956
FY 2033	\$1,875,000	\$91,031	\$1,966,031
FY 2034	\$1,855,000	\$55,601	\$1,910,601
FY 2035	\$1,830,000	\$18,758	\$1,848,758
<b>TOTAL</b>	<b>\$11,695,000</b>	<b>\$2,079,047</b>	<b>\$13,774,047</b>

<b>Table 8. City of Alexandria, VA</b> <b>General Obligation Refunding Bonds of \$49.800 million (November 2020)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$9,340,000	\$573,290	\$9,913,290
FY 2024	\$9,990,000	\$531,260	\$10,521,260
FY 2025	\$3,085,000	\$461,330	\$3,546,330
FY 2026	\$390,000	\$436,650	\$826,650
FY 2027	\$395,000	\$432,750	\$827,750
FY 2028	\$2,195,000	\$428,208	\$2,623,208
FY 2029	\$6,135,000	\$398,575	\$6,533,575
FY 2030	\$6,030,000	\$312,685	\$6,342,685
FY 2031	\$4,130,000	\$222,235	\$4,352,235
FY 2032	\$4,080,000	\$152,025	\$4,232,025
FY 2033	\$4,030,000	\$78,585	\$4,108,585
<b>TOTAL</b>	<b>\$49,800,000</b>	<b>\$4,027,593</b>	<b>\$53,827,593</b>

<b>Table 9. City of Alexandria, VA</b> <b>General Obligation Bond Issue of \$182.340 million (December 2019)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$0	\$0	\$0
FY 2024	\$0	\$5,704,925	\$5,704,925
FY 2025	\$0	\$5,704,925	\$5,704,925
FY 2026	\$0	\$5,704,925	\$5,704,925
FY 2027	\$0	\$5,704,925	\$5,704,925
FY 2028	\$2,330,000	\$5,646,675	\$7,976,675
FY 2029	\$2,610,000	\$5,523,175	\$8,133,175
FY 2030	\$2,890,000	\$5,385,675	\$8,275,675
FY 2031	\$3,165,000	\$5,234,300	\$8,399,300
FY 2032	\$3,460,000	\$5,068,675	\$8,528,675
FY 2033	\$3,775,000	\$4,887,800	\$8,662,800
FY 2034	\$4,090,000	\$4,711,625	\$8,801,625
FY 2035	\$5,535,000	\$4,571,016	\$10,106,016
FY 2036	\$6,495,000	\$4,414,781	\$10,909,781
FY 2037	\$7,455,000	\$4,233,488	\$11,688,488
FY 2038	\$8,250,000	\$4,025,869	\$12,275,869
FY 2039	\$8,500,000	\$3,774,619	\$12,274,619
FY 2040	\$8,740,000	\$3,532,406	\$12,272,406
FY 2041	\$8,975,000	\$3,299,897	\$12,274,897
FY 2042	\$9,235,000	\$3,043,575	\$12,278,575
FY 2043	\$9,515,000	\$2,762,325	\$12,277,325
FY 2044	\$9,805,000	\$2,472,525	\$12,277,525
FY 2045	\$10,100,000	\$2,173,950	\$12,273,950
FY 2046	\$10,410,000	\$1,866,300	\$12,276,300
FY 2047	\$10,725,000	\$1,549,275	\$12,274,275
FY 2048	\$11,055,000	\$1,222,575	\$12,277,575
FY 2049	\$11,390,000	\$885,900	\$12,275,900
FY 2050	\$11,740,000	\$538,950	\$12,278,950
FY 2051	\$12,095,000	\$181,425	\$12,276,425
<b>TOTAL</b>	<b>\$182,340,000</b>	<b>\$103,826,500</b>	<b>\$286,166,500</b>

<b>Table 10. City of Alexandria, VA</b> <b>General Obligation Bond Issue of \$21.740 million (December 2019)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$1,120,000	\$840,269	\$1,960,269
FY 2024	\$1,120,000	\$784,269	\$1,904,269
FY 2025	\$1,120,000	\$728,269	\$1,848,269
FY 2026	\$1,120,000	\$672,269	\$1,792,269
FY 2027	\$1,120,000	\$616,269	\$1,736,269
FY 2028	\$1,120,000	\$560,269	\$1,680,269
FY 2029	\$1,120,000	\$504,269	\$1,624,269
FY 2030	\$1,120,000	\$448,269	\$1,568,269
FY 2031	\$1,120,000	\$392,269	\$1,512,269
FY 2032	\$1,120,000	\$336,269	\$1,456,269
FY 2033	\$1,120,000	\$280,269	\$1,400,269
FY 2034	\$1,115,000	\$229,969	\$1,344,969
FY 2035	\$1,115,000	\$195,822	\$1,310,822
FY 2036	\$1,115,000	\$167,250	\$1,282,250
FY 2037	\$1,115,000	\$137,981	\$1,252,981
FY 2038	\$1,115,000	\$108,713	\$1,223,713
FY 2039	\$1,115,000	\$75,263	\$1,190,263
FY 2040	\$1,115,000	\$43,903	\$1,158,903
FY 2041	\$1,115,000	\$14,634	\$1,129,634
<b>TOTAL</b>	<b>\$21,240,000</b>	<b>\$7,136,491</b>	<b>\$28,376,491</b>

<b>Table 11. City of Alexandria, VA</b> <b>General Obligation Refunding Bonds of \$40.925 million (July 2018)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$2,150,000	\$1,421,400	\$3,571,400
FY 2024	\$2,150,000	\$1,313,900	\$3,463,900
FY 2025	\$2,150,000	\$1,206,400	\$3,356,400
FY 2026	\$2,150,000	\$1,098,900	\$3,248,900
FY 2027	\$2,150,000	\$991,400	\$3,141,400
FY 2028	\$2,150,000	\$883,900	\$3,033,900
FY 2029	\$2,150,000	\$776,400	\$2,926,400
FY 2030	\$2,150,000	\$668,900	\$2,818,900
FY 2031	\$2,150,000	\$583,975	\$2,733,975
FY 2032	\$2,150,000	\$520,550	\$2,670,550
FY 2033	\$2,150,000	\$454,975	\$2,604,975
FY 2034	\$2,150,000	\$387,788	\$2,537,788
FY 2035	\$2,145,000	\$319,605	\$2,464,605
FY 2036	\$2,145,000	\$250,429	\$2,395,429
FY 2037	\$2,145,000	\$180,180	\$2,325,180
FY 2038	\$2,145,000	\$108,859	\$2,253,859
FY 2039	\$2,145,000	\$36,465	\$2,181,465
<b>TOTAL</b>	<b>\$36,525,000</b>	<b>\$11,204,025</b>	<b>\$47,729,025</b>

<b>Table 12. City of Alexandria, VA</b> <b>General Obligation Refunding Bonds of \$34.905 million (December 2017)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$2,995,000	\$1,522,875	\$4,517,875
FY 2024	\$3,035,000	\$1,372,125	\$4,407,125
FY 2025	\$3,075,000	\$1,219,375	\$4,294,375
FY 2026	\$3,110,000	\$1,064,750	\$4,174,750
FY 2027	\$3,850,000	\$890,750	\$4,740,750
FY 2028	\$3,900,000	\$697,000	\$4,597,000
FY 2029	\$3,945,000	\$500,875	\$4,445,875
FY 2030	\$3,995,000	\$302,375	\$4,297,375
FY 2031	\$4,050,000	\$101,250	\$4,151,250
<b>TOTAL</b>	<b>\$31,955,000</b>	<b>\$7,671,375</b>	<b>\$39,626,375</b>

<b>Table 13. City of Alexandria, VA</b> <b>General Obligation Refunding Bonds of \$39.090 million (September 2017)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$3,595,000	\$1,487,975	\$5,082,975
FY 2024	\$3,635,000	\$1,307,225	\$4,942,225
FY 2025	\$3,670,000	\$1,124,600	\$4,794,600
FY 2026	\$4,415,000	\$922,475	\$5,337,475
FY 2027	\$4,460,000	\$700,600	\$5,160,600
FY 2028	\$4,505,000	\$476,475	\$4,981,475
FY 2029	\$4,550,000	\$250,100	\$4,800,100
FY 2030	\$4,545,000	\$68,175	\$4,613,175
<b>TOTAL</b>	<b>\$33,375,000</b>	<b>\$6,337,625</b>	<b>\$39,712,625</b>

<b>Table 14. City of Alexandria, VA</b> <b>General Obligation Refunding Bonds of \$63.060 million (September 2017)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$7,390,000	\$2,544,200	\$9,934,200
FY 2024	\$6,960,000	\$2,205,450	\$9,165,450
FY 2025	\$6,975,000	\$1,857,075	\$8,832,075
FY 2026	\$7,035,000	\$1,506,825	\$8,541,825
FY 2027	\$7,095,000	\$1,153,575	\$8,248,575
FY 2028	\$7,160,000	\$797,200	\$7,957,200
FY 2029	\$3,145,000	\$539,575	\$3,684,575
FY 2030	\$3,125,000	\$414,075	\$3,539,075
FY 2031	\$3,085,000	\$305,500	\$3,390,500
FY 2032	\$3,060,000	\$182,600	\$3,242,600
FY 2033	\$3,035,000	\$60,700	\$3,095,700
<b>TOTAL</b>	<b>\$58,065,000</b>	<b>\$11,566,775</b>	<b>\$69,631,775</b>



<b>Table 15. City of Alexandria, VA</b> <b>General Obligation Bond Issue of \$4.380 million (August 2017)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$220,000	\$105,590	\$325,590
FY 2024	\$220,000	\$98,990	\$318,990
FY 2025	\$220,000	\$92,390	\$312,390
FY 2026	\$220,000	\$86,175	\$306,175
FY 2027	\$220,000	\$80,235	\$300,235
FY 2028	\$220,000	\$74,075	\$294,075
FY 2029	\$220,000	\$67,640	\$287,640
FY 2030	\$220,000	\$60,930	\$280,930
FY 2031	\$220,000	\$54,000	\$274,000
FY 2032	\$220,000	\$46,905	\$266,905
FY 2033	\$220,000	\$39,700	\$259,700
FY 2034	\$220,000	\$32,440	\$252,440
FY 2035	\$215,000	\$25,263	\$240,263
FY 2036	\$215,000	\$18,114	\$233,114
FY 2037	\$215,000	\$10,911	\$225,911
FY 2038	\$215,000	\$3,655	\$218,655
<b>TOTAL</b>	<b>\$3,500,000</b>	<b>\$897,013</b>	<b>\$4,397,013</b>

<b>Table 16. City of Alexandria, VA</b> <b>General Obligation Bond Issue of \$94.670 million (August 2017)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$4,985,000	\$3,051,125	\$8,036,125
FY 2024	\$4,985,000	\$2,801,875	\$7,786,875
FY 2025	\$4,985,000	\$2,552,625	\$7,537,625
FY 2026	\$4,985,000	\$2,303,375	\$7,288,375
FY 2027	\$4,980,000	\$2,054,250	\$7,034,250
FY 2028	\$4,980,000	\$1,805,250	\$6,785,250
FY 2029	\$4,980,000	\$1,556,250	\$6,536,250
FY 2030	\$4,980,000	\$1,381,950	\$6,361,950
FY 2031	\$4,980,000	\$1,207,650	\$6,187,650
FY 2032	\$4,980,000	\$1,008,450	\$5,988,450
FY 2033	\$4,980,000	\$859,050	\$5,839,050
FY 2034	\$4,980,000	\$709,650	\$5,689,650
FY 2035	\$4,980,000	\$560,250	\$5,540,250
FY 2036	\$4,980,000	\$404,625	\$5,384,625
FY 2037	\$4,980,000	\$242,775	\$5,222,775
FY 2038	\$4,980,000	\$80,925	\$5,060,925
<b>TOTAL</b>	<b>\$79,700,000</b>	<b>\$22,580,075</b>	<b>\$102,280,075</b>

<b>Table 17. City of Alexandria, VA</b> <b>General Obligation Refunding Bond Issue of \$34.168 million (Nov. 2016)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$404,000	\$612,327	\$1,016,327
FY 2024	\$412,000	\$604,534	\$1,016,534
FY 2025	\$4,154,000	\$560,929	\$4,714,929
FY 2026	\$4,111,000	\$481,998	\$4,592,998
FY 2027	\$4,052,000	\$404,041	\$4,456,041
FY 2028	\$3,979,000	\$327,345	\$4,306,345
FY 2029	\$3,904,000	\$252,063	\$4,156,063
FY 2030	\$3,827,000	\$178,232	\$4,005,232
FY 2031	\$3,749,000	\$105,881	\$3,854,881
FY 2032	\$3,669,000	\$35,039	\$3,704,039
<b>TOTAL</b>	<b>\$32,261,000</b>	<b>\$3,562,389</b>	<b>\$35,823,389</b>

<b>Table 18. City of Alexandria, VA</b> <b>General Obligation Issue of \$73.735 million (July 2016)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$3,995,000	\$2,152,306	\$6,147,306
FY 2024	\$3,995,000	\$1,952,556	\$5,947,556
FY 2025	\$3,995,000	\$1,752,806	\$5,747,806
FY 2026	\$3,995,000	\$1,553,056	\$5,548,056
FY 2027	\$3,995,000	\$1,353,306	\$5,348,306
FY 2028	\$3,995,000	\$1,153,556	\$5,148,556
FY 2029	\$3,995,000	\$953,806	\$4,948,806
FY 2030	\$3,995,000	\$813,981	\$4,808,981
FY 2031	\$3,995,000	\$731,584	\$4,726,584
FY 2032	\$3,995,000	\$636,703	\$4,631,703
FY 2033	\$3,995,000	\$529,338	\$4,524,338
FY 2034	\$3,995,000	\$416,978	\$4,411,978
FY 2035	\$3,995,000	\$299,625	\$4,294,625
FY 2036	\$3,995,000	\$179,775	\$4,174,775
FY 2037	\$3,995,000	\$59,925	\$4,054,925
<b>TOTAL</b>	<b>\$59,925,000</b>	<b>\$14,539,303</b>	<b>\$74,464,303</b>

<b>Table 19. City of Alexandria, VA</b> <b>General Obligation Refunding Bond Issue of \$10.595 million (July 2015)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$1,040,000	\$114,445	\$1,154,445
FY 2024	\$1,010,000	\$84,958	\$1,094,958
FY 2025	\$980,000	\$57,105	\$1,037,105
FY 2026	\$950,000	\$28,890	\$978,890
FY 2027	\$155,000	\$12,199	\$167,199
FY 2028	\$145,000	\$7,329	\$152,329
FY 2029	\$140,000	\$2,450	\$142,450
<b>TOTAL</b>	<b>\$4,420,000</b>	<b>\$307,375</b>	<b>\$4,727,375</b>

<b>Table 20. City of Alexandria, VA</b> <b>General Obligation Bond Issue of \$23.215 million (July 2015)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$1,165,000	\$605,950	\$1,770,950
FY 2024	\$1,165,000	\$547,700	\$1,712,700
FY 2025	\$1,165,000	\$489,450	\$1,654,450
FY 2026	\$1,165,000	\$431,200	\$1,596,200
FY 2027	\$1,165,000	\$372,950	\$1,537,950
FY 2028	\$1,165,000	\$314,700	\$1,479,700
FY 2029	\$1,165,000	\$268,100	\$1,433,100
FY 2030	\$1,165,000	\$233,150	\$1,398,150
FY 2031	\$1,165,000	\$198,200	\$1,363,200
FY 2032	\$1,165,000	\$163,250	\$1,328,250
FY 2033	\$1,165,000	\$127,572	\$1,292,572
FY 2034	\$1,165,000	\$91,166	\$1,256,166
FY 2035	\$1,165,000	\$54,031	\$1,219,031
FY 2036	\$1,080,000	\$17,550	\$1,097,550
<b>TOTAL</b>	<b>\$16,225,000</b>	<b>\$3,914,969</b>	<b>\$20,139,969</b>

<b>Table 21. City of Alexandria, VA</b> <b>General Obligation Refunding Bond Issue of \$33.995 million (April 2015)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$3,430,000	\$487,785	\$3,917,785
FY 2024	\$3,365,000	\$424,592	\$3,789,592
FY 2025	\$6,240,000	\$335,265	\$6,575,265
FY 2026	\$6,100,000	\$220,503	\$6,320,503
FY 2027	\$3,015,000	\$135,734	\$3,150,734
FY 2028	\$2,935,000	\$80,398	\$3,015,398
FY 2029	\$2,855,000	\$26,551	\$2,881,551
<b>TOTAL</b>	<b>\$27,940,000</b>	<b>\$1,710,828</b>	<b>\$29,650,828</b>

<b>Table 22. City of Alexandria, VA</b> <b>General Obligation Bond Issue of \$35.995 million (Nov. 2014)</b> <b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$1,800,000	\$324,000	\$2,124,000
FY 2024	\$1,800,000	\$234,000	\$2,034,000
FY 2025	\$1,800,000	\$144,000	\$1,944,000
FY 2026	\$1,800,000	\$54,000	\$1,854,000
<b>TOTAL</b>	<b>\$7,200,000</b>	<b>\$756,000</b>	<b>\$7,956,000</b>

\*FY 2027 and FY 2031 - FY 2035 refinanced as part of 2021B series.

<b>Table 23. City of Alexandria, VA</b>			
<b>General Obligation Bond Issue of \$63.800 million (July 2013)*</b>			
<b>Debt Outstanding at June 30,2022</b>			
<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
FY 2023	\$3,305,000	\$165,250	\$3,470,250
<b>TOTAL</b>	<b>\$3,305,000</b>	<b>\$165,250</b>	<b>\$3,470,250</b>

\*FY 2024 - FY 2033 refinanced as part of the 2017C series.

# STRATEGIC PLAN

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## Alexandria's Strategic Planning Process

Projects within the Capital Improvement Plan (CIP) align with the current City Strategic Plan and structure. An explanation about how these documents guide the CIP process is provided below.

Each CIP project is cross-referenced to the City's strategic structure. This is indicated on the individual project pages, under the heading "Primary Strategic Theme". Projects are linked to the most relevant Strategic Plan Theme. The sections below provide more information on the City's strategic structure, and provide a summary of how all CIP projects align with both plans.

### City of Alexandria Strategic Plan

The City of Alexandria's first Strategic Plan took effect in 2004, and the community principles it included still resonate today. This plan was updated in 2006 and again in 2010 to reflect changes and "new realities" in the community. The FY 2017 – FY 2022 Strategic Plan adopted by City Council in January, 2017 builds upon past strategic plans while updating it for the future. This was accomplished through a collaborative effort whereby the community was engaged through meetings and online forums guided by the City's engagement approach What's Next Alexandria. The result of this effort is a vision, measurable key indicators, and alignment with adopted plans and policies.

As the current City Strategic Plan expires at the end of FY 2022, during the latter part of FY 2022, a new community-based strategic planning process will be undertaken to develop a FY 2023 – FY 2028 Strategic Plan. As of the time of the FY 2023 – FY 2032 CIP proposal to City Council, the new strategic plan is still under development.

The strategic themes of the City's Strategic Plan, that are associated with capital projects throughout the document are included below:

#### City's Current Strategic Plan Themes:

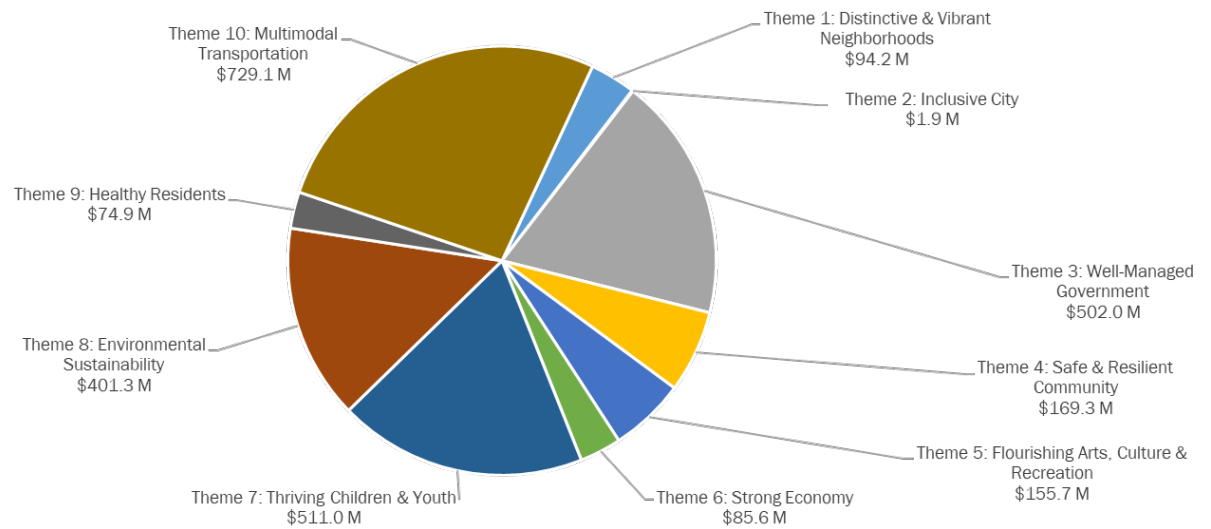
- Theme 1: Distinctive & Vibrant Neighborhoods
- Theme 2: Inclusive City
- Theme 3: Well-Managed Government
- Theme 4: Safe & Resilient Community
- Theme 5: Flourishing Arts, Culture & Recreation
- Theme 6: Strong Economy
- Theme 7: Thriving Children & Youth
- Theme 8: Environmental Sustainability
- Theme 9: Healthy Residents
- Theme 10: Multimodal Transportation

## Proposed FY 2023 – FY 2032 Capital Improvement Program by Primary Strategic Theme

The pie chart shows the distribution of capital projects by Primary Strategic Theme over the ten-year plan. The Proposed FY 2023 – FY 2032 CIP totals \$2.73 billion.

### FY 2023 - 2032 CIP by Primary Strategic Theme

\$2.73 billion



All Alexandria City Public Schools (ACPS) projects are grouped in Strategic Theme 7: Thriving Children & Youth.

**Table 1**  
**Proposed FY 2023 – FY 2032 Capital Improvement Program**  
**Capital Improvement Program Projects by Primary Strategic Theme**

Strategic Theme	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	TOTAL FY 2023 - 2032
Theme 1: Distinctive & Vibrant Neighborhoods	8,931,000	16,805,600	6,769,200	13,866,900	12,788,400	6,890,900	7,004,100	6,935,000	7,048,000	7,163,000	94,202,100
Theme 2: Inclusive City	46,300	109,400	109,400	109,400	109,400	109,400	109,400	109,400	205,400	902,200	1,919,700
Theme 3: Well-Managed Government	83,074,200	97,576,000	119,427,030	39,657,467	26,156,985	24,635,059	23,580,162	25,002,865	34,765,738	28,167,150	502,042,657
Theme 4: Safe & Resilient Community	14,539,562	23,636,600	14,698,000	5,642,600	8,142,800	42,699,500	31,662,000	6,548,400	8,234,100	13,466,400	169,269,962
Theme 5: Flourishing Arts, Culture & Recreation	17,214,500	24,662,200	22,633,200	4,363,100	9,501,600	26,607,900	11,188,500	11,456,200	15,028,300	13,030,600	155,686,100
Theme 6: Strong Economy	35,141,000	48,432,000	2,055,000	-	-	-	-	-	-	-	85,628,000
Theme 7: Thriving Children & Youth	217,025,000	34,825,300	82,771,500	27,505,400	31,086,000	77,871,600	7,272,000	20,581,000	6,242,100	5,836,100	511,016,000
Theme 8: Environmental Sustainability	51,423,500	56,154,900	61,339,600	47,595,300	35,705,900	34,512,100	30,345,100	26,304,900	27,194,700	30,728,800	401,304,800
Theme 9: Healthy Residents	73,460,000	1,225,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	74,885,000
Theme 10: Multimodal Transportation	60,300,659	86,742,900	145,451,500	66,831,600	108,284,000	45,931,300	48,860,400	56,450,200	69,038,400	41,202,800	729,093,759
<b>Grand Total</b>	<b>561,155,721</b>	<b>390,169,900</b>	<b>455,279,430</b>	<b>205,596,767</b>	<b>231,800,085</b>	<b>259,282,759</b>	<b>160,046,662</b>	<b>153,412,965</b>	<b>167,781,738</b>	<b>140,522,050</b>	<b>2,725,048,078</b>



Table 2  
Proposed FY 2023 – FY 2032 Capital Improvement Program  
Summary of Projects by Primary Strategic Theme

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Theme 1: Distinctive & Vibrant Neighborhoods												
Community Development												
Affordable Housing Funding	32,948,200	8,406,000	16,004,000	6,104,000	6,206,000	6,310,000	6,417,000	6,525,000	6,635,000	6,748,000	6,863,000	76,218,000
Braddock Road Area Plan - Streetscape Improvements	812,564	150,000	150,000	150,000	150,000	50,000	50,000	50,000	50,000	50,000	50,000	900,000
Development Studies	2,055,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Office of Historic Alexandria Initiatives	745,095	125,000	41,000	265,200	273,200	168,900	173,900	179,100	-	-	-	1,226,300
Community Development Total	36,560,859	8,931,000	16,445,000	6,769,200	6,879,200	6,778,900	6,890,900	7,004,100	6,935,000	7,048,000	7,163,000	80,844,300
Public Buildings												
Gadsby's Tavern Restaurant Equipment	-	-	360,600	-	-	-	-	-	-	-	-	360,600
Public Buildings Total	-	-	360,600	-	-	-	-	-	-	-	-	360,600
Transportation												
Landmark Mall Transit Center	-	-	-	-	6,987,700	6,009,500	-	-	-	-	-	12,997,200
Transportation Total	-	-	-	-	6,987,700	6,009,500	-	-	-	-	-	12,997,200
Theme 1: Distinctive & Vibrant Neighborhoods Total	36,560,859	8,931,000	16,805,600	6,769,200	13,866,900	12,788,400	6,890,900	7,004,100	6,935,000	7,048,000	7,163,000	94,202,100
Theme 2: Inclusive City												
Public Buildings												
Freedom House Museum Restoration	-	-	-	-	-	-	-	-	-	96,000	750,000	846,000
Public Buildings Total	-	-	-	-	-	-	-	-	-	96,000	750,000	846,000
Recreation & Parks												
Americans with Disabilities Act (ADA) Requirements	1,506,323	46,300	109,400	109,400	109,400	109,400	109,400	109,400	109,400	109,400	152,200	1,073,700
Recreation & Parks Total	1,506,323	46,300	109,400	109,400	109,400	109,400	109,400	109,400	109,400	109,400	152,200	1,073,700
Theme 2: Inclusive City Total	1,506,323	46,300	109,400	109,400	109,400	109,400	109,400	109,400	109,400	205,400	902,200	1,919,700
Theme 3: Well-Managed Government												
CIP Development & Implementation Staff												
Capital Budget Staff (1.50 FTE)	181,084	201,000	211,000	222,000	233,000	245,000	257,000	270,000	284,000	298,000	313,000	2,534,000
Capital Procurement Personnel (8.10 FTE)	1,578,557	1,007,000	1,057,000	1,110,000	1,166,000	1,224,000	1,285,000	1,349,000	1,417,000	1,488,000	1,562,000	12,665,000
Capital Project Development Team (2.00 FTE)	305,556	219,000	230,000	242,000	254,000	267,000	280,000	294,000	309,000	324,000	340,000	2,759,000
Capital Project Implementation Non-Personnel Expenditures	-	324,000	334,000	344,000	354,000	365,000	376,000	387,000	399,000	411,000	423,000	3,717,000
Capital Project Implementation Personnel (30.00 FTE)	4,380,807	-	-	-	-	-	-	-	-	-	-	-
General Services Capital Projects Staff (7.80)	1,086,874	1,080,700	1,134,000	1,191,100	1,250,900	1,314,300	1,380,400	1,449,200	1,520,600	1,596,600	1,677,200	13,595,000
IT Systems Implementation Staff (2.50 FTE)	502,038	131,000	348,000	365,000	383,000	402,000	422,000	443,000	465,000	488,000	512,000	3,959,000
Open Space Management Staff (2.00 FTE)	297,772	274,800	288,300	301,900	317,200	333,300	350,100	367,600	385,700	405,500	424,900	3,449,300
Public Private Partnerships Coordinator (0.50 FTE)	262,721	123,000	129,000	135,000	142,000	149,000	156,000	164,000	172,000	181,000	190,000	1,541,000
Capital Project Implementation Personnel (31.00 FTE)	-	5,031,300	5,368,000	5,637,830	5,918,167	6,214,085	6,525,459	6,852,262	7,194,565	7,555,238	7,931,350	64,228,257
Real Estate Acquisition Attorney (1.00 FTE)	-	130,700	183,000	192,200	201,900	212,000	222,600	233,800	245,500	257,800	270,700	2,150,200
CIP Development & Implementation Staff Total	8,595,409	8,522,500	9,282,300	9,741,030	10,220,167	10,725,685	11,254,559	11,809,862	12,392,365	13,005,138	13,644,150	110,597,757
Community Development												
CMI Services for Landmark Development Infrastructure	-	465,600	465,600	173,600	-	-	-	-	-	-	-	1,104,800
Landmark Mall Redevelopment Project	21,450,000	63,000,000	56,000,000	-	-	-	-	-	-	-	-	119,000,000
Project Budgeting Excellence	737,000	471,000	265,000	726,100	282,100	770,100	299,100	817,100	842,100	851,100	860,100	6,183,800

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Community Development Total	22,187,000	63,936,600	56,730,600	899,700	282,100	770,100	299,100	817,100	842,100	851,100	860,100	126,288,600
IT Plan												
Business Tax System/Reciprocity Contractor System	1,224,595	-	-	-	-	-	-	-	-	-	-	-
Computerized Maintenance Management System (CMMS)	325,000	-	165,600	-	-	-	-	-	-	-	-	165,600
Connectivity Initiatives	13,010,270	600,000	630,000	661,500	694,600	-	-	-	-	-	-	2,586,100
Council Chamber Technology Upgrade	350,000	750,000	-	-	130,000	-	-	-	-	500,000	-	1,380,000
Customer Relationship Management System	1,731,507	-	-	-	200,000	-	-	-	-	-	-	200,000
Data Quality and Intelligence Platforms	-	-	-	150,000	300,000	350,000	-	-	-	-	-	800,000
Database Infrastructure	898,000	40,000	40,000	40,000	-	-	-	-	-	-	-	120,000
Document Imaging	2,394,375	10,000	10,000	50,000	10,000	-	10,000	10,000	10,000	10,000	10,000	130,000
Electronic Government/Web Page	1,838,196	225,000	275,000	275,000	400,000	275,000	225,000	-	-	-	-	1,675,000
Enterprise Collaboration	757,095	170,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	440,000
Enterprise Data Storage Infrastructure	4,380,435	800,000	450,000	350,000	-	1,200,000	175,000	175,000	175,000	174,000	690,000	4,189,000
Enterprise Maintenance Mgmt System	429,400	60,000	40,000	40,000	40,000	-	-	-	-	-	-	180,000
Enterprise Resource Planning System	4,063,312	-	40,000	75,000	75,000	320,000	-	-	-	-	-	510,000
Enterprise Service Catalog	260,000	-	40,000	40,000	200,000	-	40,000	-	40,000	-	-	360,000
Fleet Management System	140,000	-	-	-	-	-	-	-	-	-	-	-
GIS Development	2,594,500	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	70,000	525,000
Impound Lot System Replacement	200,000	-	-	-	-	-	-	-	-	-	-	-
Information Technology Equipment Replacement	4,804,793	995,000	1,000,000	1,005,000	1,010,000	1,016,000	972,000	978,000	984,000	991,000	998,000	9,949,000
Information Technology Lump Sum Funding	-	-	2,200,000	3,200,000	3,200,000	3,200,000	3,400,000	3,400,000	3,400,000	2,050,000	2,050,000	26,100,000
IT Enterprise Management System	510,000	-	-	-	-	-	-	-	-	-	-	-
LAN Development	518,921	-	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
LAN/WAN Infrastructure	9,635,055	1,064,000	1,080,000	1,742,000	740,000	1,004,000	1,048,000	1,143,000	449,000	471,000	685,000	9,426,000
Library Information Technology Equipment Replacement	257,438	61,400	35,300	133,100	38,900	89,900	43,000	45,000	183,300	49,700	52,200	731,800
Municipal Fiber	18,963,000	174,500	154,000	912,000	320,000	329,000	338,000	347,000	357,000	367,000	228,000	3,526,500
Network Security	4,379,881	500,000	605,000	400,000	400,000	800,000	350,000	350,000	350,000	500,000	500,000	4,755,000
Network Server Infrastructure	8,721,143	70,000	1,030,000	-	-	-	-	-	800,000	300,000	-	2,200,000
Personal Property Tax System	2,592,039	-	-	-	-	-	-	-	600,000	-	-	600,000
Phone, Web, Portable Device Payment Portals	275,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Project Management Software	185,000	50,000	-	50,000	-	-	-	50,000	-	50,000	-	200,000
Real Estate Account Receivable System	1,635,000	-	-	-	175,000	-	-	-	200,000	-	-	375,000
Real Estate Assessment System (CAMA)	325,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Remote Access	1,168,000	175,000	250,000	800,000	-	-	-	-	-	-	-	1,225,000
Small Systems Replacements	-	20,000	20,000	20,000	20,000	50,000	-	-	-	-	-	130,000
Time & Attendance System Upgrade	70,000	8,000	8,000	48,000	8,000	8,000	8,000	88,000	8,000	8,000	8,000	200,000
Upgrade Work Station Operating Systems	3,819,003	472,000	380,000	490,000	200,000	210,000	220,000	231,000	243,000	255,000	264,000	2,965,000
Voice Over Internet Protocol (VoIP)	5,747,173	-	84,000	249,000	932,000	850,000	-	-	-	-	-	2,115,000
IT Plan Total	98,203,130	6,314,900	8,701,900	10,855,600	9,273,500	9,836,900	6,994,000	6,942,000	7,964,300	5,850,700	5,650,200	78,384,000
Public Buildings												
119 North Alfred Street Parking Garage	-	41,200	56,600	72,900	108,100	145,300	184,700	200,000	250,000	-	-	1,058,800
2355 Mill Road CFMP	2,541,581	-	-	-	-	-	-	-	-	-	-	-
2900-B Business Warehouse	-	-	-	-	-	-	123,600	111,900	-	904,900	-	1,140,400
Capital Planning & Building Assessment (Condition Assessment)	1,486,000	-	90,000	15,000	95,000	150,800	155,300	159,900	38,100	169,700	172,000	1,045,800
City Hall Renovation and HVAC Replacement	13,203,820	-	9,296,000	51,503,500	9,296,000	-	-	-	-	-	-	70,095,500
City Hall Swing Space	-	-	5,032,200	25,283,400	5,032,200	-	-	-	-	-	-	35,347,800
City Historic Facilities CFMP	14,382,038	840,000	623,400	2,800,000	1,900,000	2,000,000	1,500,000	400,000	1,500,000	1,400,000	1,961,700	14,925,100
Courthouse CFMP	10,556,600	-	1,680,000	158,200	161,200	127,600	131,400	135,300	139,400	143,600	146,000	2,822,700
DASH Upper Deck Repairs	-	3,000,000	-	-	-	-	-	-	-	-	-	3,000,000
Emergency Power Systems	3,449,800	-	300,000	2,000,000	654,600	313,700	281,400	289,900	298,600	637,100	676,000	5,451,300
Energy Management Program	6,131,052	269,000	532,000	1,893,300	1,684,600	1,073,600	693,000	710,000	778,000	797,000	817,000	9,247,500
Fleet Building CFMP	2,146,308	-	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,350,000
General Services CFMP	17,996,430	-	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,150,000
Health Department CFMP	519,300	-	-	-	-	-	-	-	-	-	-	-
Lee Center CFMP	96,800	-	-	-	-	-	-	-	-	-	-	-
Library CFMP	2,686,135	150,000	150,000	150,000	150,000	213,300	1,146,800	1,204,200	-	3,000,000	1,300,000	7,464,300
Library Facilities Master Plan	-	-	-	220,000	-	-	-	-	-	-	-	220,000
Market Square Plaza and Garage Structural Repairs	10,493,300	-	1,000,000	3,957,000	-	-	-	-	-	-	-	4,957,000
Mental Health Residential Facilities CFMP	4,527,079	-	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Parking Garages CFMP	20,300	-	-	-	-	-	-	-	-	-	-	-
Preventative Maintenance Systems and Staffing Study	350,000	-	-	-	-	-	-	-	-	-	-	-
Roof Replacement Program	8,718,219	-	-	3,055,400	-	-	1,071,200	-	-	2,906,500	-	7,033,100
Witter/Wheeler - Fuel Island Renovation	600,000	-	2,000,000	-	-	-	-	-	-	-	-	2,000,000
Witter/Wheeler Campus Funding Reservation	1,306,000	-	1,301,000	6,022,000	-	-	-	-	-	4,300,000	2,140,000	13,763,000
Public Buildings Total	101,210,762	4,300,200	22,861,200	97,930,700	19,881,700	4,824,300	6,087,400	4,011,200	3,804,100	15,058,800	8,012,700	186,772,300
Transportation												
City Standard Construction Specifications	331,604	-	-	-	-	-	-	-	-	-	-	-
Transit Staffing Contingency	-	-	-	-	-	-	-	-	-	-	-	-
Transportation Total	331,604	-	-	-	-	-	-	-	-	-	-	-

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Theme 3: Well-Managed Government Total	230,527,904	83,074,200	97,576,000	119,427,030	39,657,467	26,156,985	24,635,059	23,580,162	25,002,865	34,765,738	28,167,150	502,042,657
Theme 4: Safe & Resilient Community												
Community Development												
Citywide Street Lighting	3,081,301	25,000	25,800	26,600	27,400	28,200	29,000	29,900	30,800	31,700	32,700	287,100
Dry Fire Hydrants	-	-	128,800	-	-	-	-	-	-	-	-	128,800
Fire Department Vehicles & Apparatus	19,332,752	1,609,900	1,886,100	2,132,900	3,283,500	2,667,900	4,632,000	4,407,200	3,565,600	4,910,000	2,358,000	31,453,100
Fire Hydrant Maintenance Program	860,500	415,700	434,500	453,700	473,700	493,500	513,700	534,300	555,400	576,700	598,700	5,049,900
Gadsby Lighting Fixtures & Poles Replacement	3,260,000	-	475,000	554,600	-	84,500	87,000	-	92,300	-	97,900	1,391,300
Knox Box Replacement	-	616,500	-	-	-	-	-	-	-	-	-	616,500
Police Body Worn Cameras	-	TBD	(0)	(0)	-	-	-	-	-	-	-	(0)
SCBA Compressor	-	-	-	-	-	157,300	-	-	-	-	-	157,300
SCBA Fleet Replacement	-	-	-	-	-	-	4,428,700	4,675,500	-	-	-	9,104,200
Community Development Total	26,534,553	2,667,100	2,950,200	3,167,800	3,784,600	3,431,400	9,690,400	9,646,900	4,244,100	5,518,400	3,087,300	48,188,200
IT Plan												
AJIS System	13,507,013	2,113,000	432,000	440,000	298,000	307,000	316,000	325,000	385,000	217,000	356,000	5,189,000
Animal Shelter Server Replacement	130,000	-	-	-	-	-	-	-	-	-	-	-
Computer Aided Dispatch (CAD) System Replacement	16,828,313	1,104,000	5,009,000	114,000	120,000	126,000	132,000	139,000	146,000	153,000	161,000	7,204,000
Courtroom Trial Presentation Technology	427,809	160,000	50,000	-	-	-	-	-	-	-	-	210,000
Electronic Citations Implementation	420,000	-	-	-	-	-	-	-	-	-	-	-
Emergency 911 Phone System Upgrade	1,700,000	255,000	-	-	-	-	-	-	-	-	-	255,000
EMS Records Management System	268,500	-	-	-	-	-	-	-	-	-	-	-
Enterprise Camera System	50,000	60,000	-	-	-	-	-	-	-	-	-	60,000
Fire Dept RMS	329,000	-	-	-	-	-	-	-	-	-	-	-
Fire Emergency Operations Center Technology	-	66,000	-	305,000	-	-	-	-	-	-	-	371,000
FOIA System Replacement	115,000	-	-	-	-	-	-	-	-	-	-	-
Office of Voter Registrations and Elections Equipment Replacement	100,000	-	-	-	-	-	-	1,001,800	-	-	-	1,001,800
Parking Citation System Replacement	410,000	-	-	-	-	-	-	-	-	-	-	-
Radio System Upgrade	3,191,460	3,761,262	1,520,000	2,742,000	-	-	1,000,000	1,000,000	-	-	-	10,023,262
IT Plan Total	37,477,095	7,519,262	7,011,000	3,601,000	418,000	433,000	1,448,000	2,465,800	531,000	370,000	517,000	24,314,062
Public Buildings												
Alexandria Police CFMP	214,500	727,600	150,000	150,000	150,000	150,000	150,000	150,000	551,400	584,100	1,500,000	4,263,100
City Facility Security Infrastructure CFMP	-	206,000	801,100	-	-	-	-	-	-	-	-	1,007,100
Courthouse/PSC Security System Upgrade	3,328,100	-	-	-	-	-	-	-	-	-	5,313,100	5,313,100
Fire & Rescue CFMP	10,547,813	500,000	100,000	100,000	696,300	263,100	265,000	281,800	376,100	696,600	947,000	4,225,900
Fire Station 203 (Cameron Mills)	12,573,610	-	-	-	-	-	-	-	-	-	-	-
Fire Station 205 (Cameron Street)	-	-	-	6,174,000	-	-	4,141,700	18,390,600	-	-	-	28,706,300
Fire Station 207 (Duke Street)	-	-	-	-	-	-	-	-	-	-	-	-
Fire Training Center Renovation	-	-	-	-	-	-	-	-	-	-	1,216,800	1,216,800
Landmark Fire Station (formerly Fire Station 208 Replacement)	-	-	4,000,000	-	-	-	19,351,300	-	-	-	-	23,351,300
New Burn Building	325,400	-	3,015,900	-	-	-	-	-	-	-	-	3,015,900
Office of the Sheriff CFMP	12,477,702	226,000	3,600,000	-	-	3,200,000	6,800,000	-	100,000	100,000	100,000	14,126,000
Pistol Range	2,963,250	-	-	-	-	-	-	-	-	-	-	-
PSC Fuel Station Refurbishment	-	1,218,600	-	-	-	-	-	-	-	-	-	1,218,600
Tactical Training Space	309,000	-	-	-	-	-	-	-	-	-	-	-
Vola Lawson Animal Shelter	3,518,093	40,000	40,000	40,000	161,900	164,100	337,200	100,000	100,000	299,800	100,000	1,383,000
Witter/Wheeler Campus Funding Reservation	-	-	813,800	-	-	-	-	-	-	-	-	813,800
Public Buildings Total	46,257,468	2,918,200	12,520,800	6,464,000	1,008,200	3,777,200	31,045,200	18,922,400	1,127,500	1,680,500	9,176,900	88,640,900
Transportation												
Safe Routes to School	-	100,000	154,600	419,200	431,800	501,200	515,900	626,900	645,800	665,200	685,200	4,745,800
South Patrick Street Median Improvements	-	1,335,000	1,000,000	1,046,000	-	-	-	-	-	-	-	3,381,000
Transportation Total	-	1,435,000	1,154,600	1,465,200	431,800	501,200	515,900	626,900	645,800	665,200	685,200	8,126,800
Theme 4: Safe & Resilient Community Total	110,269,116	14,539,562	23,636,600	14,698,000	5,642,600	8,142,800	42,699,500	31,662,000	6,548,400	8,234,100	13,466,400	169,269,962
Theme 5: Flourishing Arts, Culture & Recreation												
Community Development												
Public Art Acquisition	2,293,184	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,000,000
Public Art Conservation Program	294,100	63,900	43,800	56,400	58,000	59,700	74,100	50,500	65,200	67,200	69,200	608,000
Community Development Total	2,587,284	563,900	543,800	556,400	558,000	559,700	574,100	550,500	565,200	567,200	569,200	5,608,000
IT Plan												
OHA Point-of-Sale System Replacement	-	293,100	-	-	-	-	-	-	108,700	-	-	401,800
OHA Records Management System Replacement	105,000	-	-	-	-	-	-	-	141,300	-	-	141,300
Recreation Database System	450,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
IT Plan Total	555,000	303,100	10,000	10,000	10,000	10,000	10,000	10,000	260,000	10,000	10,000	643,100
Other Regional Contributions												
Northern Virginia Regional Park Authority (NVRPA)	8,499,972	441,200	485,900	490,700	495,600	500,600	505,600	510,700	515,800	520,900	526,100	4,993,100

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Other Regional Contributions Total	8,499,972	441,200	485,900	490,700	495,600	500,600	505,600	510,700	515,800	520,900	526,100	4,993,100
Recreation & Parks												
Americans with Disabilities Act (ADA) Requirements	-	-	-	-	-	-	-	-	-	-	-	-
Athletic Field Improvements (incl. Synthetic Turf)	9,944,512	804,000	16,521,000	1,529,400	16,400	666,900	771,000	18,000	18,500	842,600	867,800	22,055,600
Ball Court Renovations	2,559,813	309,200	164,100	169,000	-	194,200	203,000	209,100	215,300	221,800	228,500	1,914,200
Braddock Area Plan Park	2,546,207	-	-	-	-	-	-	-	-	-	-	-
Cameron Run Regional Park Feasibility Study	-	-	-	291,800	-	-	-	-	-	-	-	291,800
Chinquapin Recreation Center CFMP	4,163,383	80,000	80,000	815,700	255,400	494,700	828,700	648,300	2,207,000	1,742,100	450,300	7,602,200
City Marina Maintenance	1,427,013	47,900	49,300	50,000	-	50,000	50,000	50,000	50,000	50,000	90,100	487,300
Citywide Parks Improvements Plan	12,173,082	-	-	-	64,800	700,000	-	-	-	-	-	764,800
Community Matching Fund	914,857	100,000	-	-	-	200,000	-	200,000	-	200,000	-	700,000
Dora Kelly Fair-Weather Crossing Replacement with Bridge	-	-	-	595,000	-	-	-	-	-	-	-	595,000
Douglas MacArthur School - Recreation & Parks Programming Space	2,001,592	-	-	-	-	-	-	-	-	-	-	-
Douglass Cemetery Restoration	-	240,000	2,170,000	695,000	-	-	-	-	-	-	-	3,105,000
Fort Ward Management Plan Implementation	1,175,172	200,000	646,700	2,315,000	-	218,800	-	232,000	-	246,000	-	3,858,500
Four Mile Run Park	-	-	-	-	1,266,900	605,000	15,489,100	-	-	-	-	17,361,000
Four Mile Run Park Bridge Replacement	-	1,293,800	-	-	-	-	-	-	-	-	-	1,293,800
Four Mile Run Park Wetlands Connector Bridge	652,205	-	-	-	-	-	-	-	-	-	-	-
Holmes Run Trail Repairs	6,026,017	1,200,000	-	-	-	-	-	-	-	-	-	1,200,000
Neighborhood Pool Demolition and Conversion	1,083,259	-	-	-	-	-	-	-	-	-	-	-
Old Town Pool	-	1,474,400	-	8,814,600	-	-	-	-	-	-	-	10,289,000
Open Space Acquisition and Develop.	20,380,258	400,000	330,000	337,000	344,000	351,000	358,000	365,000	372,000	379,000	387,000	3,623,000
Park Renovations CFMP	6,231,567	304,500	249,400	199,500	-	450,000	450,000	450,000	450,000	450,000	620,000	3,623,400
Patrick Henry Recreation Center	7,259,986	-	-	-	-	-	-	-	-	-	-	-
Patrick Henry Turf Fields and Recreation Center	-	1,000,000	1,600,000	-	-	-	-	-	-	-	-	2,600,000
Playground Renovations CFMP	7,913,705	866,100	160,900	495,400	421,400	2,019,900	1,408,400	1,012,600	1,043,000	1,074,300	1,106,500	9,608,500
Potomac Yard Park Basketball Court Lights	98,330	-	-	-	-	-	-	-	-	-	-	-
Public Pools	1,416,914	103,100	106,200	109,400	112,500	116,000	123,400	158,500	163,200	168,100	173,100	1,333,500
Recreation Center Market Response and Program Support	-	50,000	-	-	-	-	-	-	-	-	-	50,000
Recreation Centers CFMP	7,063,004	120,000	120,000	278,700	172,000	899,100	1,252,000	2,286,000	3,837,600	7,662,500	6,651,500	23,279,400
Restroom Renovations	1,110,000	790,800	123,600	-	32,800	33,800	34,800	-	602,800	-	169,700	1,788,300
Soft Surface Trails	-	12,000	31,500	-	-	-	-	-	-	-	-	43,500
Torpedo Factory Art Center Revitalization	785,000	500,000	1,000,000	1,545,000	-	-	-	-	-	-	-	3,045,000
Torpedo Factory Arts Center CFMP	2,283,175	175,200	75,000	3,279,100	473,300	1,226,100	4,342,100	4,278,000	943,900	679,800	911,300	16,383,800
Water Management & Irrigation	1,853,250	135,900	140,000	-	140,000	140,000	140,000	140,000	140,000	140,000	193,200	1,309,100
Waterfront Parks CFMP	331,000	53,300	54,800	56,500	-	65,800	67,700	69,800	71,900	74,000	76,300	590,100
Windmill Hill Park Improvements	7,009,000	5,646,100	-	-	-	-	-	-	-	-	-	5,646,100
Recreation & Parks Total	108,402,300	15,906,300	23,622,500	21,576,100	3,299,500	8,431,300	25,518,200	10,117,300	10,115,200	13,930,200	11,925,300	144,441,900
Theme 5: Flourishing Arts, Culture & Recreation Total	120,044,556	17,214,500	24,662,200	22,633,200	4,363,100	9,501,600	26,607,900	11,188,500	11,456,200	15,028,300	13,030,600	155,686,100
Theme 6: Strong Economy												
Community Development												
Waterfront Small Area Plan Implementation (w/ Construction Funding)	41,421,648	35,041,000	48,200,000	-	-	-	-	-	-	-	-	83,241,000
Community Development Total	41,421,648	35,041,000	48,200,000	-	-	-	-	-	-	-	-	83,241,000
IT Plan												
Permit Processing	5,082,691	-	-	-	-	-	-	-	-	-	-	-
IT Plan Total	5,082,691	-	-	-	-	-	-	-	-	-	-	-
Transportation												
Lower King Street Street Closure	100,000	100,000	232,000	2,055,000	-	-	-	-	-	-	-	2,387,000
Transportation Total	100,000	100,000	232,000	2,055,000	-	-	-	-	-	-	-	2,387,000
Theme 6: Strong Economy Total	46,604,339	35,141,000	48,432,000	2,055,000	-	-	-	-	-	-	-	85,628,000
Theme 7: Thriving Children & Youth												
ACPS												
ACPS Capital Program	-	204,685,100	34,741,700	82,766,900	27,430,800	31,083,000	77,542,600	7,162,900	20,578,000	6,151,000	5,662,800	497,804,800
ACPS Total	-	204,685,100	34,741,700	82,766,900	27,430,800	31,083,000	77,542,600	7,162,900	20,578,000	6,151,000	5,662,800	497,804,800
IT Plan												
Library Public Access Computers and Print Mgmt System	45,000	80,500	-	-	-	-	113,200	-	-	-	-	193,700
Library Scanning Equipment and DAMS	-	-	-	1,600	71,600	-	1,900	-	-	88,100	7,200	170,400
Library Self-Service Stations/Equipment	158,296	-	-	-	-	-	-	-	-	-	-	-
Migration of Integrated Library System to SAAS Platform	42,000	166,100	83,600	3,000	3,000	3,000	213,900	109,100	3,000	3,000	166,100	753,800
IT Plan Total	245,296	246,600	83,600	4,600	74,600	3,000	329,000	109,100	3,000	91,100	173,300	1,117,900
Public Buildings												
Beatley Building Envelope Restoration	1,843,504	-	-	-	-	-	-	-	-	-	-	-
Burke Branch Renovation	825,000	-	-	-	-	-	-	-	-	-	-	-
Minnie Howard Campus Project	-	12,093,300	-	-	-	-	-	-	-	-	-	12,093,300
Public Buildings Total	2,668,504	12,093,300	-	-	-	-	-	-	-	-	-	12,093,300

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Theme 7: Thriving Children & Youth Total	2,913,800	217,025,000	34,825,300	82,771,500	27,505,400	31,086,000	77,871,600	7,272,000	20,581,000	6,242,100	5,836,100	511,016,000
Theme 8: Environmental Sustainability												
Community Development												
Citywide Electric Vehicle Charging Stations	-	500,000	1,000,000	1,982,600	1,016,600	769,400	898,500	800,400	816,400	832,800	849,400	9,466,100
Environmental Restoration	1,538,509	293,000	170,000	323,000	391,000	360,000	254,000	375,000	298,000	422,000	337,000	3,223,000
Oronoco Outfall Remediation Project	13,662,378	1,010,000	2,550,000	1,100,000	5,050,000	50,000	-	-	-	-	-	9,760,000
Stream Valley Design Guidelines	-	-	-	-	273,300	-	-	-	-	-	-	273,300
Community Development Total	15,200,887	1,803,000	3,720,000	3,405,600	6,730,900	1,179,400	1,152,500	1,175,400	1,114,400	1,254,800	1,186,400	22,722,400
Recreation & Parks												
Proactive Maintenance of the Urban Forest	632,000	328,400	338,300	348,400	-	369,700	380,800	392,200	403,900	416,100	837,500	3,815,300
Tree & Shrub Capital Maintenance	5,886,485	632,900	356,200	367,000	-	430,000	442,700	456,000	469,800	483,800	498,300	4,136,700
Recreation & Parks Total	6,518,485	961,300	694,500	715,400	-	799,700	823,500	848,200	873,700	899,900	1,335,800	7,952,000
Sanitary Sewers												
AlexRenew Wastewater Treatment Plant Capacity	-	-	-	-	2,400,000	-	-	-	-	-	-	2,400,000
Citywide Sewershed Infiltration & Inflow	19,896,715	-	-	-	-	-	-	-	-	-	-	-
Combined Sewer Assessment & Rehabilitation	11,505,000	-	4,130,000	-	-	-	-	-	-	-	-	4,130,000
Combined Sewer Wet Weather Mitigation	-	1,500,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,500,000
Reconstructions & Extensions of Sanitary Sewers	17,100,452	-	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	8,100,000
Sanitary Sewer Asset Renewal Program	5,750,000	4,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	36,000,000
Sanitary Sewer Stream Crossing Protection	-	1,125,000	-	4,132,700	-	140,700	-	149,300	-	158,400	-	5,706,100
Sanitary Sewer Wet Weather Mitigation	-	3,000,000	1,500,000	1,500,000	1,000,000	1,000,000	500,000	500,000	500,000	500,000	500,000	10,500,000
Sanitary Sewers Total	54,252,167	10,125,000	11,030,000	11,032,700	8,800,000	6,540,700	5,900,000	6,049,300	5,900,000	6,058,400	5,900,000	77,336,100
Stormwater Management												
Braddock and West Flood Management	-	198,000	-	-	-	-	-	-	-	-	-	198,000
Cameron Station Pond Retrofit	4,723,474	-	-	-	-	-	-	-	-	-	-	-
City Facilities Stormwater Best Management Practices (BMPs)	1,633,000	-	-	-	-	-	-	-	-	-	-	-
Floodproofing Grant Program	750,000	769,000	789,000	809,000	830,000	851,000	873,000	895,000	918,000	941,000	965,000	8,640,000
Four Mile Run Channel Maintenance	3,475,281	936,600	-	300,000	300,000	-	1,251,300	2,900,000	-	300,000	300,000	6,287,900
Green Infrastructure	2,311,026	-	1,549,600	-	-	-	-	-	-	-	-	1,549,600
Hooffs Run Culvert	-	-	-	-	1,616,000	-	-	-	-	2,510,000	-	4,126,000
Inspection and Cleaning (State of Good Repair) CFMP	3,852,000	1,268,000	1,457,000	1,578,000	1,695,000	1,835,000	2,006,000	2,220,000	2,496,000	2,862,000	3,304,000	20,721,000
Large Capacity - Commonwealth Ave & E. Glebe/Ashby St & Glebe Rd	830,000	26,407,300	12,632,800	-	-	-	-	-	-	-	-	39,040,100
Large Capacity - Hooffs Run Culvert Bypass	1,070,000	-	16,176,100	32,352,100	-	-	-	-	-	-	-	48,528,200
Lucky Run Stream Restoration	2,852,715	-	-	-	-	-	-	-	-	-	-	-
MS4-TDML Compliance Water Quality Improvements	5,605,000	1,300,000	2,100,000	1,800,000	2,050,000	1,750,000	2,000,000	2,575,000	1,500,000	1,000,000	1,750,000	17,825,000
NPDES / MS4 Permit	1,150,000	-	170,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	185,900	1,594,700
Phosphorus Exchange Bank	-	-	-	-	-	-	-	-	-	-	-	-
Small-Midsize Stormwater Maintenance Projects	-	581,300	613,900	649,100	685,900	724,400	765,800	809,100	854,200	901,400	922,900	7,508,000
Spot Project - Hume Avenue Bypass	1,070,000	-	-	-	-	-	-	-	-	-	-	-
Spot Project - Mt. Vernon Cul-de-sac and Alley	830,000	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer Capacity Projects	26,685,988	-	-	-	15,950,000	15,200,000	13,675,000	6,700,000	6,350,000	4,000,000	7,000,000	68,875,000
Storm Sewer System Spot Improvements	11,165,902	5,907,000	4,011,000	4,122,000	4,228,000	4,337,000	4,540,000	4,606,000	4,688,000	4,812,000	4,937,000	46,188,000
Stormwater BMP Maintenance CFMP	520,000	286,000	303,500	1,575,300	1,622,500	317,100	326,600	336,400	346,500	356,900	1,792,200	7,263,000
Stormwater Utility Implementation	1,673,200	-	-	-	-	-	-	-	-	-	-	-
Strawberry Run Stream Restoration	1,645,138	-	-	-	-	-	-	-	-	-	-	-
Stream & Channel Maintenance	7,429,454	881,000	907,500	934,700	962,700	991,600	1,021,400	1,052,000	1,083,600	1,116,100	1,149,600	10,100,200
Taylor Run Stream Restoration	4,540,258	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management Total	83,812,436	38,534,200	40,710,400	44,291,900	30,113,600	26,181,300	26,636,100	22,272,200	18,416,800	18,981,600	22,306,600	288,444,700
Transportation												
Electric Bus On-Route Charging Stations	-	-	-	1,894,000	1,950,800	1,004,800	-	-	-	-	-	4,849,600
Transportation Total	-	-	-	1,894,000	1,950,800	1,004,800	-	-	-	-	-	4,849,600
Theme 8: Environmental Sustainability Total	159,783,975	51,423,500	56,154,900	61,339,600	47,595,300	35,705,900	34,512,100	30,345,100	26,304,900	27,194,700	30,728,800	401,304,800
Theme 9: Healthy Residents												
IT Plan												
DCHS Integrated Client Information System	300,000	200,000	1,200,000	-	-	-	-	-	-	-	-	1,400,000
HIPAA & Related Health Information Technologies	678,000	60,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	285,000
IT Plan Total	978,000	260,000	1,225,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	1,685,000
Public Buildings												
DCHS Consolidation and Co-Location	24,358,007	73,200,000	-	-	-	-	-	-	-	-	-	73,200,000
Public Buildings Total	24,358,007	73,200,000	-	-	-	-	-	-	-	-	-	73,200,000
Theme 9: Healthy Residents Total	25,336,007	73,460,000	1,225,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	74,885,000
Theme 10: Multimodal Transportation												
Community Development												
Transportation Signage & Wayfinding System	2,317,000	-	-	-	-	-	-	-	-	-	-	-
Community Development Total	2,317,000	-	-	-	-	-	-	-	-	-	-	-
Public Buildings												
Alexandria Transit - DASH CFMP	3,611,923	50,000	51,500	53,100	54,700	56,300	58,000	59,800	61,500	63,400	65,300	573,600
Union Station Improvements	-	-	-	-	250,000	-	-	-	-	-	-	250,000

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Public Buildings Total	3,611,923	50,000	51,500	53,100	304,700	56,300	58,000	59,800	61,500	63,400	65,300	823,600
Recreation & Parks												
Armistead Boothe Park Trail Surface Conversion	-	-	-	226,000	-	-	-	-	-	-	-	226,000
Pavement in Parks	950,000	275,000	61,800	21,300	85,300	275,000	275,000	275,000	275,000	275,000	319,800	2,138,200
Shared-Use Paths	941,357	150,000	-	-	150,000	-	-	150,000	-	150,000	-	600,000
Soft Surface Trails	1,510,687	-	55,000	41,500	-	130,000	130,000	-	130,000	-	183,000	669,500
Recreation & Parks Total	3,402,044	425,000	116,800	288,800	235,300	405,000	405,000	425,000	405,000	425,000	502,800	3,633,700
Transportation												
Access Improvements at Landmark	-	513,000	1,013,100	5,288,500	-	-	-	-	-	-	-	6,814,600
Alexandria Mobility Plan	-	-	-	-	-	-	-	750,000	-	-	-	750,000
Bicycle Parking at Transit	543,742	-	-	-	-	-	-	-	-	-	-	-
Bridge Repairs	13,157,092	2,517,788	2,733,600	2,979,500	3,209,200	7,063,900	4,934,600	5,949,700	6,320,800	6,846,800	7,284,100	49,839,988
Bus Shelter Maintenance	-	113,000	116,400	119,900	123,500	127,200	131,000	135,000	139,000	143,200	147,500	1,295,700
Capital Bikeshare	5,769,748	485,582	350,600	50,000	400,000	-	-	-	-	-	-	1,286,182
Citywide Parking - Parking Technologies	1,610,169	250,000	-	-	-	-	-	-	-	-	-	250,000
Citywide Trans. Mgmt. Tech. - Broadband Communications Link	1,018,742	-	-	-	-	-	-	-	-	-	-	-
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	10,709,051	735,189	600,000	2,385,400	-	-	-	-	-	-	-	3,720,589
Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade	653,000	60,000	175,200	202,800	208,800	215,000	221,400	228,200	235,100	242,200	491,700	2,280,400
Citywide Trans. Mgmt. Tech. - Transportation Technologies	1,620,312	265,300	-	281,500	-	298,500	309,500	316,800	326,300	336,100	336,100	2,470,100
CMAQ Contingency from Cancelled Backlick Run Multi-Use Paths	2,210,003	-	-	-	-	-	-	-	-	-	-	-
Complete Streets	10,668,903	671,000	798,900	828,500	858,400	889,600	922,100	956,500	991,300	1,028,100	1,066,000	9,010,400
DASH Bus Fleet Replacements	24,362,728	5,888,600	10,549,000	318,000	10,668,600	18,469,400	163,900	8,409,400	19,978,000	28,950,400	1,610,000	105,005,300
DASH Facility Expansion	18,858,161	-	2,928,000	1,281,000	-	-	-	-	-	-	-	4,209,000
DASH Fleet Expansion & Electrification	-	-	12,147,500	12,015,000	5,027,800	-	-	-	-	-	-	29,190,300
DASH Technologies	627,568	350,000	255,800	-	1,026,000	1,307,400	289,900	-	-	-	-	3,229,100
Duke Street and West Taylor Run Safety Improvements	-	701,000	1,390,000	-	1,815,000	-	-	-	-	-	-	3,906,000
East Glebe & Route 1	4,600,000	-	350,000	-	535,000	-	1,317,000	1,261,000	-	-	-	3,463,000
Eisenhower Avenue Roadway Improvements	11,690,110	-	-	-	-	-	-	-	-	-	-	-
Eisenhower Metrorail Station Improvements	6,794,840	-	-	-	-	-	-	-	-	-	-	-
Fixed Transportation Equipment	25,072,201	2,593,400	1,081,300	985,000	1,068,500	1,074,800	1,107,000	1,140,300	1,232,100	1,243,100	1,280,400	12,805,900
Four Mile Run Bridge Program	13,000,000	7,000,000	500,000	-	-	-	-	-	-	-	-	7,500,000
Historic Infrastructure Materials	-	508,300	387,300	398,700	414,400	498,300	447,900	465,700	483,900	546,500	587,200	4,738,200
King & Beauregard Intersection Improvements	18,025,656	1,200,000	1,100,000	-	-	-	-	-	-	-	-	2,300,000
King Street Metrorail Station Area Improvements	17,910,395	-	-	-	-	-	-	-	-	-	-	-
King Street-Bradlee Roadway Improvements	-	915,000	1,300,000	-	-	-	-	-	-	-	-	2,215,000
Landmark Mall 395 Ramp Improvements	3,260,000	-	-	-	8,842,200	-	-	-	-	-	-	8,842,200
Mt. Vernon Avenue North Complete Streets	1,000,000	-	-	-	-	-	-	-	1,000,000	-	-	1,000,000
Mt. Vernon Trail @ East Abingdon	850,000	-	-	-	-	-	-	-	-	-	-	-
Old Cameron Run Trail	3,555,404	2,646,000	1,123,000	1,045,000	-	-	-	-	-	-	-	4,814,000
Potomac Yard Metrorail Station	385,066,657	-	-	-	-	-	-	-	-	-	-	-
Seminary / Howard Safety Improvements	377,990	-	-	-	-	-	-	-	-	-	-	-
Seminary Road at Beauregard Street Ellipse	325,000	500,000	-	3,250,000	-	33,000,000	-	-	-	-	-	36,750,000
Sidewalk Capital Maintenance	5,298,469	910,500	558,900	966,800	592,800	1,025,600	629,000	1,088,000	667,200	1,123,600	701,700	8,264,100
Smart Mobility Implementation	-	-	-	-	3,306,400	883,000	-	-	-	-	-	4,189,400
Street Reconstruction & Resurfacing of Major Roads	52,098,576	7,110,000	5,150,000	5,250,000	5,460,000	5,600,000	6,380,000	8,600,000	5,060,000	8,050,000	6,760,000	63,420,000
Traffic Adaptive Signal Control	5,266,347	2,953,000	-	-	-	-	-	-	-	-	-	2,953,000
Transit Access & Amenities	5,194,148	400,000	-	-	-	-	-	-	-	-	-	400,000
Transit Corridor "A" - Route 1	29,853,743	-	-	-	-	-	10,000,000	-	-	-	-	10,000,000
Transit Corridor "B" - Duke Street	12,190,000	-	-	55,800,000	-	19,200,000	-	-	-	-	-	75,000,000
Transit Corridor "C" - West End Transitway	13,619,167	4,029,000	24,587,000	32,613,000	5,000,000	-	-	-	-	-	-	66,229,000
Transit Signal Priority	1,255,491	-	374,000	1,736,000	-	-	-	-	-	-	-	2,110,000
Transit Strategic Plan in Alexandria	150,000	-	-	-	-	-	-	-	-	-	-	-
Transitway Enhancements	1,454,491	-	-	-	-	-	-	-	-	-	-	-
Transportation Project Planning	-	250,000	350,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,600,000
Transportation Total	709,717,904	43,565,659	69,919,600	128,044,600	48,806,600	89,902,700	27,103,300	29,550,600	36,683,700	48,760,000	20,514,700	542,851,459
WMATA Capital Contributions												
WMATA Capital Contributions	178,051,034	16,260,000	16,655,000	17,065,000	17,485,000	17,920,000	18,365,000	18,825,000	19,300,000	19,790,000	20,120,000	181,785,000
WMATA Capital Contributions Total	178,051,034	16,260,000	16,655,000	17,065,000	17,485,000	17,920,000	18,365,000	18,825,000	19,300,000	19,790,000	20,120,000	181,785,000
Theme 10: Multimodal Transportation Total	897,099,904	60,300,659	86,742,900	145,451,500	66,831,600	108,284,000	45,931,300	48,860,400	56,450,200	69,038,400	41,202,800	729,093,759
<b>Grand Total</b>	<b>1,630,646,784</b>	<b>561,155,721</b>	<b>390,169,900</b>	<b>455,279,430</b>	<b>205,596,767</b>	<b>231,800,085</b>	<b>259,282,759</b>	<b>160,046,662</b>	<b>153,412,965</b>	<b>167,781,738</b>	<b>140,522,050</b>	<b>2,725,048,078</b>

# UNDERSTANDING THE CIP

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## Capital Improvement Program (CIP)

The City's Capital Improvement Program (CIP) outlines the planned investments in the City's long term assets. In addition to providing a multi-year spending plan, the CIP also identified planned funding sources to support these investments over the entire ten-year planning window. The adoption of the 10-year CIP is neither a firm commitment to a particular project nor a limitation to a particular cost. As a basic tool for prioritizing and scheduling anticipated capital projects and capital financing, the CIP is a key element in planning and managing future debt service requirements.

The CIP consists of two parts: the one-year Capital Budget (Year 1 of the CIP), and the capital investment plan (Years 2-10). Only the first year of the CIP represents a funding commitment for the project to proceed to the next stage, or to be implemented depending on the level of funding provided.

## Understanding CIP Sections and Capital Project Detail Sheets

Starting in Section 5 of this document, one can find the particular details of capital projects contemplated in the CIP. The CIP is organized into sections, which are portfolios of similarly-themed/-type of projects:

CIP Section	Description
Recreation and Parks	Maintenance and improvement of the City's parks, recreation centers, various ball fields and courts, and other public/open space amenities.
Public Buildings	Maintenance and improvement of the City's public buildings and facilities, including public safety facilities.
Transportation and Transit	Maintenance and improvement of the City's transportation networks and related amenities. This section includes subsections on Public Transit, High-Capacity Transit Corridors, Non-Motorized Transportation, Streets & Bridges, and Smart Mobility.
Sanitary Sewers	Maintenance and improvement of City's Sanitary Sewer capital assets and systems. These investments are predominantly funded by the Sanitary Sewer Maintenance Fee.
Stormwater Management	Maintenance and improvement of the City's Stormwater Management systems and flooding mitigation-related projects. These investments are predominantly funded by the Stormwater Utility Fee and fee-backed GO Bonds.
Other Regional Contributions	Contributions to the capital programs for regional partnerships.
Information Technology Plan	The City's CIP includes a 10-year funding plan for Information Technology investments, focusing on multi-year investments. With very rare exceptions, these projects are all cash funded.
Community Development	Includes long term investments/capital investments that do not fall into the categories of investment above.

### CIP Section Summary Table

In each CIP Section of this document, there is a summary table that provides the total planned spending, by year, contemplated for each project during the 10-year planning window covered by the CIP. This spending plan is inclusive of all identified funding sources for the capital project.

This table will also include a column for funding already appropriated for each project, in previously approved Capital Budgets (column is labeled "Prior Appropriations").

### Significant Project Changes Table

Additionally, the beginning of each CIP Section includes a summary table of projects within that section that experienced significant changes to the funding amounts since the previously Approved CIP. The table compares the FY 2023 – FY 2031 total expenditures planned in the previous year’s CIP with this CIP. The chart lists by project what the 10-year total expenditure plan in this CIP is, and then the dollar and percentage change that project underwent since the prior CIP, through FY 2031. Example of this summary table, from the Parks & Recreations section:

CIP Subsection	CIP Doc Title	TOTAL FY 2023 - 2032	Amount Changed Since	Percentage Changed Since
			FY22 Approved CIP*	FY22 Approved CIP
Renovated or New Recreation Facilities	Torpedo Factory Art Center Revitalization	3,045,000	2,200,000	260.4%

### Capital Project Detail Sheets

The detail sheets contained in the project sections of the Capital Improvement Program (CIP) document provide a variety of information about the City’s CIP projects. The display of the financial (budget) details is provided through individual “Sources and Uses” tables. The following information is provided on each project details sheet:

#### Project Header Section

- Project Title – The title by which the project is referred to in official documents.
- Document Subsection – Identifies the group of like projects in which the project is included, within the section.
- Managing Department – Identifies the agency that is primarily responsible for planning and managing the project.
- Project Location – Specific location of project, Citywide initiative, or regional project.
- Reporting Area – Reporting areas used by Planning and Zoning to identify areas of the City, Citywide initiative, or regional project.
- Project Category – Describes the project type. There are three project categories: Category 1 – Asset Maintenance; Category 2 – (One-Time) Renovation to Existing Assets; Category 3 – New Facilities (or support of new facilities).
- Estimate Useful Life – Where applicable, information on the useful life of the improvement.
- Primary Strategic Theme – Indicates the City Strategic Theme to which the project is primarily aligned.

Financial (Budget) Information

For each capital project, financial (budget) information is displayed by providing the total cost of the project, which is equal to all project funding through FY 2022, and then planned funding for FY 2023 – 2032. Each project also provides details on the specific funding sources used to finance the project.

DCHS Consolidation and Co-Location													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	97,558,007	24,358,007	73,200,000	-	-	-	-	-	-	-	-	-	73,200,000
Financing Plan													
Cash Capital	2,440,477	2,440,477	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	94,121,232	20,921,232	73,200,000	-	-	-	-	-	-	-	-	-	73,200,000
Other City Sources	996,298	996,298	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	97,558,007	24,358,007	73,200,000	-	-	-	-	-	-	-	-	-	73,200,000
Operating Impact	33,932,100	-	-	3,592,400	3,631,900	3,673,400	3,716,900	3,762,600	3,810,600	3,861,000	3,913,900	3,969,400	33,932,100

The funding schedule provided for each project represents the appropriation schedule, by year for the project. This aligns with when the project would need expenditure authority to procure services and materials to accomplish the project. The actual schedule and pace of the project may differ from this appropriation schedule, based upon the project's complexity and the market for procuring services/materials to implement the project.

Additionally, the funding table provides information on the costs of additional operating impacts associated with project completion and any budget changes from the prior year CIP are provided in the financial (budget) information tables, as seen above.

Project Description and Justification

Each project contains a clear and concise project description and justification for the project. The project description and justification contains the following information:

- Description of the project
- History of the project (if relevant to the current year's plan)
- Project status
- Discussion of non-City funding sources
- Benefits of completing the project

Additional Operating Impact

An explanation of any identified additional operating impact associated with project implementation that was not included in the prior year operating budget is provided.

# CIP DEVELOPMENT & IMPLEMENTATION STAFF

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## CIP Development & Implementation Staff

Over the past decade, the City's Capital Improvement Program (CIP) has significantly expanded in scope, volume, and complexity. Compared to the Approved FY 2013 – FY 2022 CIP, the City has increased the resources (both City and Non-City) devoted to capital investment by 145% from \$1.1 billion for the ten-year CIP to the \$2.7 billion in the Proposed FY 2023 – FY 2032 CIP. This large increase can be attributed to a multitude of factors and initiatives that the City has undertaken, including an increased commitment to City and School facility needs, investments in the City's Stormwater management and sanitary sewer systems to meet state and federal mandates, and significant investments in local and regional transportation systems.

During this time, City Council has reaffirmed its commitment to capital investment in the City's needs on several occasions through the adoption of small area plans, increasing the real estate tax rate for capital investment, dedicating real estate revenue to transportation projects, and implementing fees, such as the Stormwater Utility fee, to meet capital investment needs.

The Proposed FY 2023 – FY 2032 CIP includes funding for (current and additional) staff to fund and augment staffing that is directly working on the implementation of the City's capital plan. Charging staff costs to a CIP is considered a mainstream, acceptable, and common practice in municipal finance.

The table on the next page details the positions that are charged to the CIP. While several positions are charged to specific projects, a central CIP Development & Implementation project funds the positions that work directly on implementing the City's capital program, but are not attached to a specific project. Additionally, the \$150,000 in NVTa 30% annual staffing contingency added in last year's Approved CIP was moved into the Operating budget.

## CIP Development &amp; Implementation Staff

			<b>FY 2022 Approved FTEs</b>	<b>FY 2023 Proposed FTEs</b>	<b>Change FY 21 to FY 22 FTEs</b>
<b>Department</b>	<b>Position</b>	<b>Project Charged</b>			
<u>Positions Charged to Specific Project</u>					
General Services	Energy Project Specialist	Energy Management Program	1.00	1.00	
	Green Building Engineer	Energy Management Program	1.00	1.00	
Historic Alexandria	Archeologist (Project Grant Funded)*	Freedom House Restoration	0.00	0.25	0.25
Information Technology Services	Tech Program Manager	Municipal Fiber	1.00	1.00	
	Assistant Director	LAN/WAN Infrastructure	1.00	1.00	
	Wireless Engineer	LAN/WAN Infrastructure	1.00	1.00	
	Integrated Justice Program IT Manager	AJIS Enhancements	1.00	1.00	
	Information Technology Support Engineer	Computer Aided Dispatch (CAD) Project	1.00	1.00	
	Support Engineer	IT Equipment Replacement	1.00	1.00	
	Support Engineer	Work Station Upgrades	1.00	1.00	
	Sustainability Coordinator	Environmental Restoration	1.00	1.00	
Transportation & Environmental Services	Principal Planner	Complete Streets	1.00	1.00	
	Urban Planner III	Complete Streets	1.00	1.00	
	Program Analyst	Intelligent Transportation Systems (ITS) Integration	1.00	1.00	
	Principal Planner	Transit Corridor "B" - Duke Street NVT 70%	0.50	0.50	
	Principal Planner	Transit Corridor "C" - West End Transitway NVT 70%	0.50	0.50	
<u>Centralized Capital Positions</u>					
City Attorney's Office	Real Estate Acquisition Attorney**	CIP Development & Implementation Staff	0.00	1.00	1.00
City Manager's Office	Public Private Partnerships Coordinator	CIP Development & Implementation Staff	0.50	0.50	
Finance	Capital Procurement Personnel	CIP Development & Implementation Staff	8.10	8.10	
General Services	Division Chief - Capital Project Implementation	CIP Development & Implementation	1.00	1.00	
	CIP Project Managers	CIP Development & Implementation	5.80	5.80	
	CIP Project Superintendent	CIP Development & Implementation	1.00	1.00	
Information Technology Services	ITS Capitalized Staff	CIP Development & Implementation Staff	2.50	2.50	
Management & Budget	Capital Improvement Program Manager	CIP Development & Implementation Staff	0.50	0.50	
	Capital Budget Analyst	CIP Development & Implementation Staff	1.00	1.00	
Planning & Zoning	Capital Project Development Team (P&Z)	CIP Development & Implementation	2.00	2.00	
Project Implementation	Capital Project Implementation Personnel***	CIP Development & Implementation Staff	29.00	31.00	2.00
Recreation, Parks & Cultural Activities	Open Space Management Staff	CIP Development & Implementation	2.00	2.00	
			<b>67.40</b>	<b>70.65</b>	<b>3.25</b>

**Notes**

\*This 0.25 FTE is funded from the Freedom House Restoration project grant for FY 2022 and 2023. Subsequent funding needs for the position would need to move to the Operating budget.

\*\*A Real Estate Acquisition Attorney position is added to the City Attorney's Office to provide subject matter expertise on real estate transactions for small and large scale projects across the City. This position will work in conjunction with the Department of Project Implementation.

\*\*\*Two positions are added to the Department of Project Implementation (DPI). One is a Real Estate Acquisition Specialist. This position will work in collaboration with the aforementioned Real Estate Acquisition Attorney. The other position added to DPI is a Construction Contract Specialist. These two positions were identified by T&ES, DPI and General Services as vital for improving and expediting project deliveries.

# ALEXANDRIA CITY PUBLIC SCHOOLS (ACPS)

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The entire ACPS Capital Improvement Program can be found on-line at:

<http://www.acps.k12.va.us/budgets/>

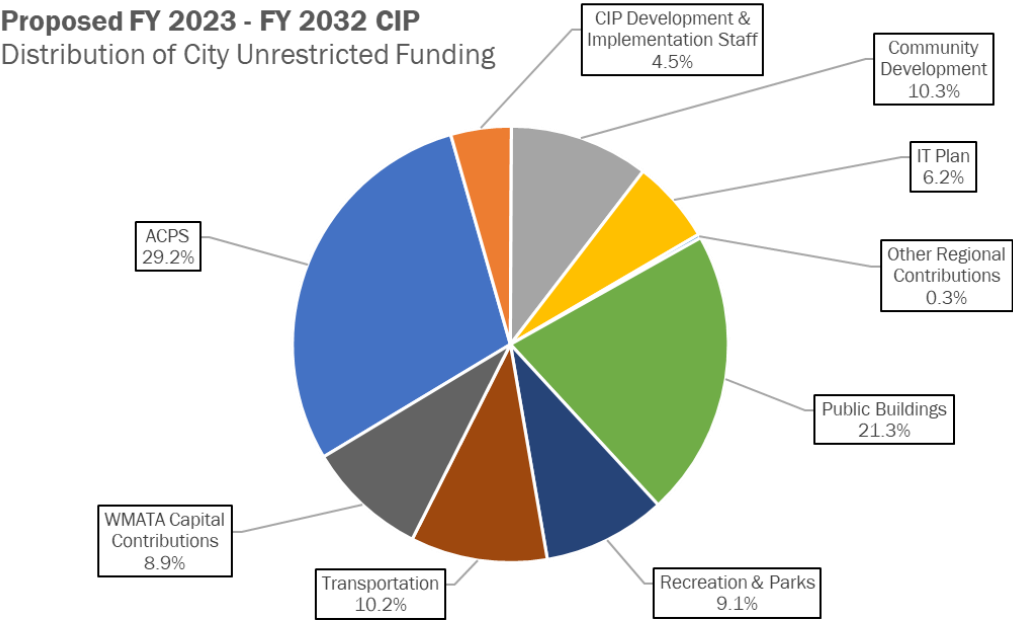
Alexandria City Public Schools (ACPS)

Proposed FY 2023 – FY 2032 Capital Improvement Program (CIP)

Overview

The City Manager Proposed FY 2023 – FY 2032 Capital Improvement Program (CIP) includes full funding over ten years of \$497.8 million, which represents a \$53.7 million or a 9.7% decrease in City funding over the prior City Adopted CIP for ACPS. The Proposed CIP funds 100% of the ACPS School Board Approved CIP, which was adopted by the School Board on December 16, 2021.

The Schools section of the Proposed CIP represents a significant investment in City resources. Of the City unrestricted funding sources in the CIP (general fund cash capital and general obligation bonds), the Schools Capital Program will use 29.2% of identified sources. Additionally, the School Board Approved FY 2023 – FY 2032 CIP was frontloaded by ACPS, with \$322.2 million out of \$497.8 million in planned expenditures occurring in the first three years of the Schools’ CIP. This early and large allocation of CIP sources, along with other significant investments in City facilities and infrastructure, will require the use of borrowing and creates a substantial amount of pressure on the City’s General Fund through increases in long-term debt service.



As the City sets budget authority and timing in each year of the ten-year ACPS plan, the Proposed CIP represents the planned dollar level of capital investments for ACPS facilities. The School Board selects which projects will be undertaken and when they will be undertaken but is required to stay within the total CIP dollar amount appropriated by City Council.

FY 2023 Capital Year Budget

The Proposed FY 2023 capital year budget reflects funding for all the capacity and non-capacity needs identified in the School Board Approved FY 2023 – FY 2032 CIP for FY 2023. This includes \$157.4 million for the construction of a new Alexandria High School facility on the Minnie Howard campus, and \$24.5 million for renovations to the recently purchased 1703 N. Beauregard office building.

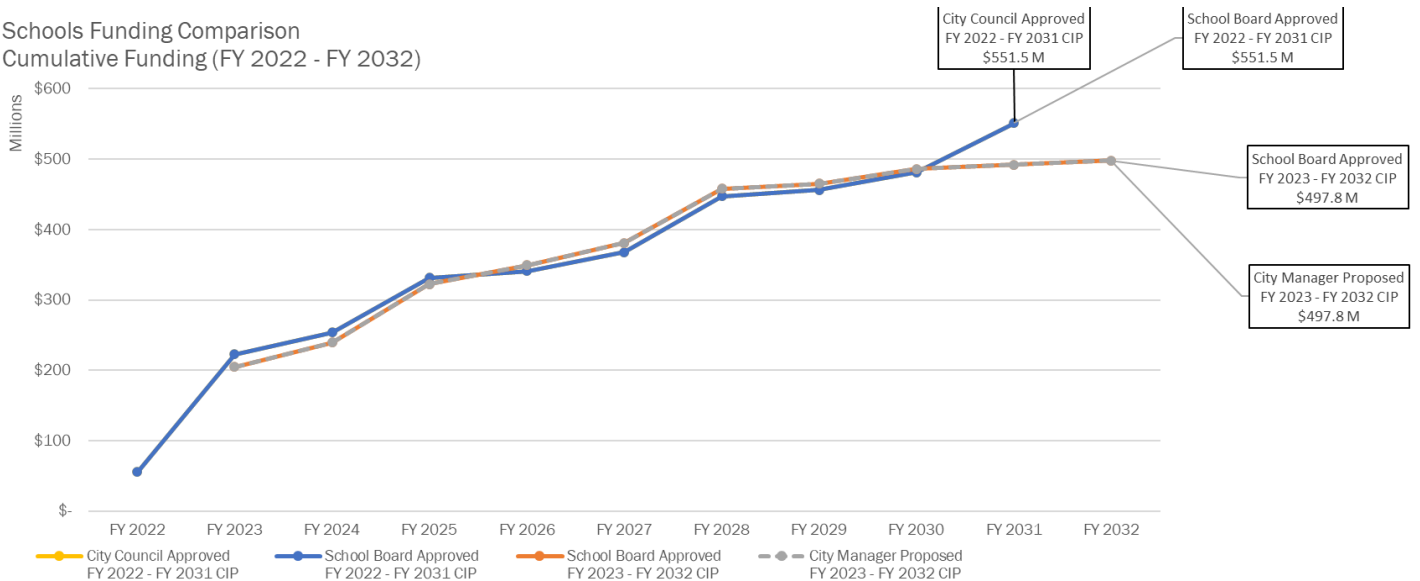


## FY 2023 – 2032 City Manager Proposed CIP Compared to the School Board Approved CIP

As discussed in the Overview section, the City Manager Proposed FY 2023 – FY 2032 CIP provides \$497.8 million within the overall 10-Year CIP for school capital projects, which funds 100% of the School Board Approved FY 2023 – FY 2032 CIP.

Capital Improvement Program	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
City Manager Proposed FY 2023 - FY 2032 CIP	\$ 204,685,100	\$ 34,741,700	\$ 82,766,900	\$ 27,430,800	\$ 31,083,000
School Board Approved FY 2023 - FY 2032 CIP	\$ 204,685,100	\$ 34,741,700	\$ 82,766,900	\$ 27,430,800	\$ 31,083,000
<b>Difference: City Manager Proposed - School Board Approved</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Capital Improvement Program	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032
City Manager Proposed FY 2023 - FY 2032 CIP	\$ 77,542,600	\$ 7,162,900	\$ 20,578,000	\$ 6,151,000	\$ 5,662,800
School Board Approved FY 2023 - FY 2032 CIP	\$ 77,542,600	\$ 7,162,900	\$ 20,578,000	\$ 6,151,000	\$ 5,662,800
<b>Difference: City Manager Proposed - School Board Approved</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
City Manager Proposed FY 2023 - FY 2032 CIP	\$ 497,804,800				
School Board Approved FY 2023 - FY 2032 CIP	\$ 497,804,800				
<b>Difference: City Manager Proposed - School Board Approved</b>	<b>\$ -</b>				

Schools Funding Comparison  
Cumulative Funding (FY 2022 - FY 2032)



## 10-Year School CIP Totals Funded By City Council

CIP		City Council Approved Ten Year Funding	Percent Change
	FY 2018 - FY 2027	\$ 373,000,000	
	FY 2019 - FY 2028	\$ 474,680,535	27.3%
	FY 2020 - FY 2029	\$ 479,460,303	1.0%
	FY 2021 - FY 2030	\$ 530,713,900	10.7%
	FY 2022 - FY 2031	\$ 551,483,000	3.9%
	City Manager Proposed FY 2023 - FY 2032	\$ 497,804,800	-9.7%
<i>Five-Year Percent Increase</i>			<i>6.2%</i>

## Alexandria City Public Schools (ACPS) School Board Approved FY 2023 – 2032 Capital Improvement Program

Site/Program	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 23 - FY 32
1703 N. Beauregard											
Construction of Renovation & Capacity	24,513,600	-	-	-	-	-	-	12,779,700	-	-	37,293,300
1703 N. Beauregard Total	24,513,600	-	-	-	-	-	-	12,779,700	-	-	37,293,300
Cora Kelly											
Design, Project Management & Other Soft Costs	-	-	-	-	17,345,600	-	-	-	-	-	17,345,600
Construction of Renovation & Capacity	-	-	-	-	-	69,382,400	-	-	-	-	69,382,400
Cora Kelly Total	-	-	-	-	17,345,600	69,382,400	-	-	-	-	86,728,000
George Mason											
Design, Project Management & Other Soft Costs	-	16,012,100	-	-	-	-	-	-	-	-	16,012,100
Construction of Renovation & Capacity	-	-	64,048,600	-	-	-	-	-	-	-	64,048,600
George Mason Total	-	16,012,100	64,048,600	-	-	-	-	-	-	-	80,060,700
High School Project											
Hard costs for a new high school	157,433,900	-	-	-	-	-	-	-	-	-	157,433,900
High School Project Total	157,433,900	-	-	-	-	-	-	-	-	-	157,433,900
Transportation Services											
Transportation Facility Modernization	-	-	-	10,000,000	-	-	-	-	-	-	10,000,000
Transportation Services Total	-	-	-	10,000,000	-	-	-	-	-	-	10,000,000
Subtotal: Capacity	181,947,500	16,012,100	64,048,600	10,000,000	17,345,600	69,382,400	-	12,779,700	-	-	371,515,900
Subtotal: Non-Capacity	22,737,600	18,729,600	18,718,300	17,430,800	13,737,400	8,160,200	7,162,900	7,798,300	6,151,000	5,662,800	126,288,900
Total School Board Approved	204,685,100	34,741,700	82,766,900	27,430,800	31,083,000	77,542,600	7,162,900	20,578,000	6,151,000	5,662,800	497,804,800

# COMMUNITY DEVELOPMENT

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Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Community Development												
Affordable Housing Funding	32,948,200	8,406,000	16,004,000	6,104,000	6,206,000	6,310,000	6,417,000	6,525,000	6,635,000	6,748,000	6,863,000	76,218,000
Braddock Road Area Plan - Streetscape Improvements	812,564	150,000	150,000	150,000	150,000	50,000	50,000	50,000	50,000	50,000	50,000	900,000
Citywide Electric Vehicle Charging Stations	-	500,000	1,000,000	1,982,600	1,016,600	769,400	898,500	800,400	816,400	832,800	849,400	9,466,100
Citywide Street Lighting	3,081,301	25,000	25,800	26,600	27,400	28,200	29,000	29,900	30,800	31,700	32,700	287,100
CMI Services for Landmark Development Infrastructure	-	465,600	465,600	173,600	-	-	-	-	-	-	-	1,104,800
Development Studies	2,055,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Dry Fire Hydrants	-	-	128,800	-	-	-	-	-	-	-	-	128,800
Environmental Restoration	1,538,509	293,000	170,000	323,000	391,000	360,000	254,000	375,000	298,000	422,000	337,000	3,223,000
Fire Department Vehicles & Apparatus	19,332,752	1,609,900	1,886,100	2,132,900	3,283,500	2,667,900	4,632,000	4,407,200	3,565,600	4,910,000	2,358,000	31,453,100
Fire Hydrant Maintenance Program	860,500	415,700	434,500	453,700	473,700	493,500	513,700	534,300	555,400	576,700	598,700	5,049,900
Gadsby Lighting Fixtures & Poles Replacement	3,260,000	-	475,000	554,600	-	84,500	87,000	-	92,300	-	97,900	1,391,300
Knox Box Replacement	-	616,500	-	-	-	-	-	-	-	-	-	616,500
Landmark Mall Redevelopment Project	21,450,000	63,000,000	56,000,000	-	-	-	-	-	-	-	-	119,000,000
Office of Historic Alexandria Initiatives	745,095	125,000	41,000	265,200	273,200	168,900	173,900	179,100	-	-	-	1,226,300
Office of Historic Alexandria Waterfront Museum Feasibility Study	125,000	-	-	-	-	-	-	-	-	-	-	-
Oronoco Outfall Remediation Project	13,662,378	1,010,000	2,550,000	1,100,000	5,050,000	50,000	-	-	-	-	-	9,760,000
Police Body Worn Cameras	-	TBD	TBD	TBD	-	-	-	-	-	-	-	TBD
Project Budgeting Excellence	737,000	471,000	265,000	726,100	282,100	770,100	299,100	817,100	842,100	851,100	860,100	6,183,800
Public Art Acquisition	2,293,184	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,000,000
Public Art Conservation Program	294,100	63,900	43,800	56,400	58,000	59,700	74,100	50,500	65,200	67,200	69,200	608,000
SCBA Compressor	-	-	-	-	-	157,300	-	-	-	-	-	157,300
SCBA Fleet Replacement	-	-	-	-	-	-	4,428,700	4,675,500	-	-	-	9,104,200
Stream Valley Design Guidelines	-	-	-	-	273,300	-	-	-	-	-	-	273,300
Transportation Signage & Wayfinding System	2,317,000	-	-	-	-	-	-	-	-	-	-	-
Waterfront Small Area Plan Implementation (w/ Construction Funding)	41,421,648	35,041,000	48,200,000	-	-	-	-	-	-	-	-	83,241,000
Community Development Total	146,934,231	112,942,600	128,589,600	14,798,700	18,234,800	12,719,500	18,607,000	19,194,000	13,700,800	15,239,500	12,866,000	366,892,500
<b>Grand Total</b>	<b>146,934,231</b>	<b>112,942,600</b>	<b>128,589,600</b>	<b>14,798,700</b>	<b>18,234,800</b>	<b>12,719,500</b>	<b>18,607,000</b>	<b>19,194,000</b>	<b>13,700,800</b>	<b>15,239,500</b>	<b>12,866,000</b>	<b>366,892,500</b>

### Significant Project Changes in the Community Development Section

This year's Capital Improvement Program (CIP) underwent significant changes for a variety of reasons. A major driver was the need to accommodate several new projects, and commitments to funding (e.g. Landmark Mall Redevelopment Project), while keeping the General Fund transfer to the CIP consistent and staying within City debt limits. This means funding for projects in other categories had to be decreased or removed.

Project funding in this CIP section, compared to the Approved FY 2022 – FY 2031 CIP funding levels, increased by about \$59.2 million, while \$138,000 in reductions were made. Therefore, this section had a net increase of \$59.1 million, or +20 percent of the Approved FY 2022 – FY 2031 funding level. Note, these comparisons do not include Fiscal Years 2022 or 2032 funding.

The below chart highlights any project funding that increased or decreased by more than 15%, or \$1 million.

CIP Subsection	CIP Doc Title	TOTAL FY 2023 - 2032	Amount Changed Since FY22 Approved CIP*	Percentage Changed Since FY22 Approved CIP
Neighborhood Planning	Braddock Road Area Plan - Streetscape Improvements	900,000	445,000	109.9%
Waterways Maintenance & Improvements	Oronoco Outfall Remediation Project	9,760,000	9,760,000	100.0%
Public Safety Enhancements	SCBA Fleet Replacement	9,104,200	9,104,200	100.0%
City-Wide Amenities	Citywide Electric Vehicle Charging Stations	9,466,100	8,616,700	100.0%
City-Wide Amenities	CMI Services for Landmark Development Infrastructure	1,104,800	1,104,800	100.0%
Public Safety Enhancements	Knox Box Replacement	616,500	616,500	100.0%
Public Safety Enhancements	SCBA Compressor	157,300	157,300	100.0%
Public Safety Enhancements	Dry Fire Hydrants	128,800	128,800	100.0%
City-Wide Amenities	Public Art Acquisition	5,000,000	2,100,000	87.5%
Public Safety Enhancements	Fire Hydrant Maintenance Program	5,049,900	1,428,400	47.3%
Affordable Housing	Affordable Housing Funding	76,218,000	8,579,000	14.1%
Public Safety Enhancements	Fire Department Vehicles & Apparatus	31,453,100	3,567,800	14.0%
City-Wide Amenities	Landmark Mall Redevelopment Project	119,000,000	10,000,000	9.2%
Neighborhood Planning	Waterfront Small Area Plan Implementation (w/ Constructio	83,241,000	3,241,000	4.1%

\*This dollar amount was calculated by comparing FY 2023 – 2031 funding levels of the FY 2022 Approved CIP and this FY 2023 Proposed CIP. Since the FY 2022 Approved CIP did not have FY 2032 funding designations, that FY was removed from these calculations.

## AFFORDABLE HOUSING

DOCUMENT SUBSECTION: Affordable Housing  
MANAGING DEPARTMENT: Office of Housing

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: Affordable Housing  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 1: Distinctive & Vibrant Neighborhoods

Affordable Housing Funding													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 FY 2032
Expenditure Budget	109,166,200	32,948,200	8,406,000	16,004,000	6,104,000	6,206,000	6,310,000	6,417,000	6,525,000	6,635,000	6,748,000	6,863,000	76,218,000
Financing Plan													
Cash Capital	19,706,000	9,706,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,000,000
Meals Tax Dedication for Affordable Housing	74,910,200	21,192,200	4,906,000	5,004,000	5,104,000	5,206,000	5,310,000	5,417,000	5,525,000	5,635,000	5,748,000	5,863,000	53,718,000
ARPA	14,550,000	2,050,000	2,500,000	10,000,000	-	-	-	-	-	-	-	-	12,500,000
Financing Plan Total	109,166,200	32,948,200	8,406,000	16,004,000	6,104,000	6,206,000	6,310,000	6,417,000	6,525,000	6,635,000	6,748,000	6,863,000	76,218,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Updated to reflect most recent projection of revenue from the Meals Tax Dedication for Affordable Housing. Includes proposed usage of ARPA funding in FY 2023 and FY 2024.

### PROJECT DESCRIPTION & JUSTIFICATION

As part of the Approved FY 2019 Operating Budget and FY 2019 – FY 2028 CIP, City Council approved a one percent increase in the restaurant meals tax (from 4% to 5%), to provide dedicated funding for Affordable Housing projects. The CIP continues this allocation of dedicated funding for affordable housing through the meals tax. Over the 10-year CIP, this dedicated funding source is projected to provide \$53.7 million for Affordable Housing projects.

Additionally, as part of Northern Virginia's efforts to attract the Amazon HQ2 campus, the City continues to be committed to an additional \$1 million per year of support to Affordable Housing initiatives in Alexandria. Over the 10-year CIP, this commitment will provide an additional \$10 million in cash funding for Affordable Housing projects.

These funds have been used and can be used in numerous ways such as gap financing for development/new construction, preservation, rehabilitation, planning, predevelopment, and employee homeownership assistance.

To ensure the continued effective use of the City housing funds, and to meet the City's 2013 Housing Master Plan goals regarding production and preservation (2,000 committed affordable units by 2025), as well as targets established for affordable and workforce housing through the Regional Housing Initiative endorsed by City Council in March 2020 (an additional 2,250 units in Alexandria by 2030) a robust pipeline of projects has been created that could be potentially implemented. The City funding for affordable housing uses gap financing, so all projects are contingent on a mix of funding sources beyond City funding, which may include private, state, and federal funds, with the City funding the remaining need.

The following projects are under consideration in the near future and could utilize portions of this funding stream. When appropriate, these projects will be brought to City Council for consideration:

- **Arlandria Project – AHDC** - Redevelopment of site on the corner of Glebe Road and Mount Vernon Avenue, including a City parcel used as a public parking lot, into 475 units of affordable and workforce housing, with a substantial component of the project planned to provide deep affordability. The project is proposed to be developed in five phases. In addition to the housing, the mixed-use development will include open space, infrastructure improvements, an underground parking garage, commercial space, flex space for city and nonprofit agencies and neighborhood-serving retail.
- **Arlandria Chirilagua Housing Cooperative Rehabilitation** – ARPA funding in the amount of \$2,500,000 is requested to conduct a physical needs assessment and execute the capital needs identified at the 284-unit ACHC property. The Cooperative, which is privately owned by its members is one of the City's key housing assets for very low-income renters.

(Continued on next page)

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Affordable Housing (continued)

- **Parcview II – Wesley** - Expansion of the existing Wesley Parcview project with new development to occur on the property's existing surface parking lot and pool area, to add new affordable units, along with preservation of 149 existing units through refinancing and a substantial rehabilitation.
- **2712 Duke Street – Community Housing Partners** - Multi-story building will be comprised of approximately 95 two- and three-bedroom units and will offer rents affordable to households with incomes ranging from 40-80% AMI
- **CLI Elbert Ave** – Redevelop and expand an existing 28-unit nonprofit-owned affordable building in Arlandria to an estimated 90 plus unit development.
- **Landmark/West End Affordable Housing-Fire Station Colocation:** To maximize affordable housing production in the new community being developed pursuant to the Landmark Mall CDD, City financial participation in a leveraged (low- income housing tax credit-funded project) would be required to achieve the 200 units deemed feasible.



## CITYWIDE ELECTRIC VEHICLE CHARGING STATIONS

DOCUMENT SUBSECTION: City-Wide Amenities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 1: Distinctive & Vibrant Neighborhoods

Citywide Electric Vehicle Charging Stations													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	9,466,100	-	500,000	1,000,000	1,982,600	1,016,600	769,400	898,500	800,400	816,400	832,800	849,400	9,466,100
Financing Plan													
Cash Capital	7,483,500	-	500,000	1,000,000	-	1,016,600	769,400	898,500	800,400	816,400	832,800	849,400	7,483,500
GO Bonds	1,982,600	-	-	-	1,982,600	-	-	-	-	-	-	-	1,982,600
Financing Plan Total	9,466,100	-	500,000	1,000,000	1,982,600	1,016,600	769,400	898,500	800,400	816,400	832,800	849,400	9,466,100

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project includes investment in electric vehicle charging infrastructure to support implementation of the City's fleet alternative fuel policy and Electric Vehicle Charging Infrastructure Readiness Strategy (EVRS) recommendations to achieve to achieve City greenhouse gas and carbon reduction goals. Consistent with City's Eco-City Charter, Environmental Action Plan 2040, Energy and Climate Change Action Plan (ECCAP) and 2019 Green Building Policy goals.

In FY 2021, the City Council adopted an alternative fuel policy for fleet operations which includes transition of City fleet vehicles to hybrid or battery electric vehicles. This City fleet transition is initiated through goals and actions stated in the Environmental Action Plan 2040. Installation of electric vehicle charging infrastructure is necessary at City facilities to support transition of City fleet vehicles to battery-electric or hybrid plug-in electric. In addition, in FY 2021, the City Council adopted the Electric Vehicle Charging Infrastructure Readiness Strategy (EVRS) which includes recommendations for the City to install publicly-accessible charging at City locations, including facilities, parks, right-of-way, etc. This program includes funding for installation of publicly-accessible charging over time as well as fundamental infrastructure (conduit, electrical pads, etc.) to support any public-private partnerships or federal, state, or utility investments and operations of chargers. This project includes: any facility-specific feasibility analyses, design/engineering, procurement, construction of electrical distribution and charging equipment, equipment commissioning, or other start-up and capital maintenance costs. In addition, this project may also support any necessary energy analysis, planning, policy and strategy development, and implementation to support reduction in energy use and costs and greenhouse gas emissions, or evaluating and planning for climate vulnerabilities, resiliency, and adaptation related to electric vehicle charging infrastructure.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

CMI SERVICES FOR LANDMARK DEVELOPMENT INFRASTRUCTURE

DOCUMENT SUBSECTION: City-Wide Amenities

MANAGING DEPARTMENT: Department of Project Implementation

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

PROJECT LOCATION: Landmark/Van Dorn

REPORTING AREA: Citywide

PROJECT CATEGORY: Category 3

ESTIMATE USEFUL LIFE: Varies

CMI Services for Landmark Development Infrastructure													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,104,800	-	465,600	465,600	173,600	-	-	-	-	-	-	-	1,104,800
Financing Plan													
Cash Capital	1,104,800	-	465,600	465,600	173,600	-	-	-	-	-	-	-	1,104,800
Financing Plan Total	1,104,800	-	465,600	465,600	173,600	-	-	-	-	-	-	-	1,104,800

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2031 CIP.

PROJECT DESCRIPTION & JUSTIFICATION

The redevelopment of Landmark Mall will include public infrastructure dedication. The public infrastructure will be designed and constructed by the Developer. The City of Alexandria is providing a funding contribution towards construction of the public infrastructure. Upon acceptance by the City, the infrastructure will be operated and maintained by the City. This project is proposed to provide construction oversight services. The purpose of this oversight for Landmark Development Infrastructure is to verify that the infrastructure is constructed in accordance with the standards and specifications required for City projects. Additionally, the daily inspection and oversight will track construction progress to inform release of funds to the developer.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional Operating Impacts Identified at this time.

## GADSBY LIGHTING FIXTURES & POLES REPLACEMENT

DOCUMENT SUBSECTION: City-Wide Amenities  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Old Town  
 REPORTING AREA: Old Town

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient  
 Community

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: 21 - 25 Years

Gadsby Lighting Fixtures & Poles Replacement													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	4,651,300	3,260,000	-	475,000	554,600	-	84,500	87,000	-	92,300	-	97,900	1,391,300
Financing Plan													
Cash Capital	3,701,300	2,310,000	-	475,000	554,600	-	84,500	87,000	-	92,300	-	97,900	1,391,300
GO Bonds	950,000	950,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	4,651,300	3,260,000	-	475,000	554,600	-	84,500	87,000	-	92,300	-	97,900	1,391,300
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding realigned based on current progress and anticipated funding needs of project.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides funding to replace existing fixtures Gadsby fixtures, poles, and pole foundations located in Old Town.

FY 2022 is the third year of a four-year program to replace all existing Gadsby Streetlights throughout Old Town with new streetlight poles, fixtures, and pole foundations. These new fixtures utilize LED technology instead of older incandescent or high-pressure sodium (HPS) technology that was previously utilized. The replacement Gadsby Streetlight is approved by the Old and Historic District Board of Architectural Review for appropriateness, and has recently been utilized in Waterfront Park, Windmill Hill Park, and in new developments within the Historic District, such as Robinson Landing on South Union Street. Most of the existing Gadsby Streetlights have reached the end of their useful life and require replacement. The Gadsby lights on the 600 block of King Street were upgraded in FY 2022.

In addition to providing funds for replacement of existing Gadsby Poles, this project will supply replacement poles and fixtures on an as needed basis, usually due to damage from vehicle accidents or vandalism.

The City is required to keep an inventory in stock for replacement of existing poles and fixtures, which will be minimized with the total replacement currently underway that will continue through FY 2023, when all poles will be replaced.

Replacement of these capital assets will help work towards ensuring safe and accessible travel for pedestrians, bicyclists, transit, and motorists, and enhances the vitality and economic success of the City Waterfront and King Street corridor.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Waterfront Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## LANDMARK MALL REDEVELOPMENT PROJECT

DOCUMENT SUBSECTION: City-Wide Amenities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Landmark/Van Dorn  
REPORTING AREA: Citywide  
PROJECT CATEGORY: Category 3  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Landmark Mall Redevelopment Project													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	140,450,000	21,450,000	63,000,000	56,000,000	-	-	-	-	-	-	-	-	119,000,000
Financing Plan													
Cash Capital	450,000	450,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	21,000,000	21,000,000	-	-	-	-	-	-	-	-	-	-	-
Landmark Redevelopment Supported Bo	119,000,000	-	63,000,000	56,000,000	-	-	-	-	-	-	-	-	119,000,000
Financing Plan Total	140,450,000	21,450,000	63,000,000	56,000,000	-	-	-	-	-	-	-	-	119,000,000

### CHANGES FROM PRIOR YEAR CIP

Project funding schedule updated to reflect finalized agreement for City investment.

### PROJECT DESCRIPTION & JUSTIFICATION

The Landmark Mall was constructed in the 1960's, enclosed in the 1980's, declined over the next 30 years and finally shuttered its last store in 2020. Since the issuance of an Urban Land Institute study in 2004, the City has been seeking redevelopment of this 52-acre site. However, the national decline of department stores and indoor malls, coupled with the complicated ownership structure of the site, and then the bankruptcy of one of the site's owners, stymied redevelopment efforts for some time.

During 2020 the City, the development team lead Foulger-Pratt, and Inova partnered to structure a \$2 billion up to 4 million square foot redevelopment plan. Inova would build a new 1 million square foot \$1 billion new hospital, cancer center and medical office building, and the developer would build (or contract to have built) some 3 million square feet of mixed-use development also valued at some \$1 billion. The new hospital would serve as a Level II Trauma Center which is an upgrade from the existing Alexandria Inova hospital.

To incentivize this project to proceed, the City initially planned to fund some \$86 million in on site infrastructure improvements and acquire for \$54 million for 10 acres of land on site for the hospital to construct its new facilities. The developer will be contributing \$54 million. The City would then lease the land long-term to Inova through the City Industrial Development Authority for a nominal amount.

The City would issue GO bonds to finance its \$140 million<sup>1</sup> investment and have those bonds be repaid by the revenue generated from tax revenue growth that the Landmark redevelopment would generate. The City will backstop the incremental tax revenues with special assessments to be imposed on the taxable property comprising the Landmark Community Development Authority (CDA) district. The special assessments will provide a second source of funds to reimburse the City for debt service paid on the GO bonds to the extent Incremental tax revenues are insufficient to timely pay such debt service. It is projected that over a 30-year period that the Landmark and Seminary Road sites would generate some \$1 billion in new taxes which would cover the estimated \$280 million in debt service, leaving some \$760 million remaining to pay for City services to the site's residents and businesses, or paid to the City's General Fund to help fund other City services. City Council approved the funding plan on July 6, 2021.

1. Excludes capitalized interest.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impact identified at this time.

## OFFICE OF HISTORIC ALEXANDRIA INITIATIVES

DOCUMENT SUBSECTION: City-Wide Amenities  
 MANAGING DEPARTMENT: Office of Historic Alexandria

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide  
 PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 1: Distinctive & Vibrant  
 Neighborhoods

Office of Historic Alexandria Initiatives													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,971,395	745,095	125,000	41,000	265,200	273,200	168,900	173,900	179,100	-	-	-	1,226,300
Financing Plan													
Cash Capital	1,971,395	745,095	125,000	41,000	265,200	273,200	168,900	173,900	179,100	-	-	-	1,226,300
Financing Plan Total	1,971,395	745,095	125,000	41,000	265,200	273,200	168,900	173,900	179,100	-	-	-	1,226,300
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding realigned based on current progress of project and anticipated funding needs over the next several years.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides funding for investments in the City's historic assets, including planning for future preservation of assets, and efforts to display and communicate the City's historic value through objects and structures in public spaces. The 10-year plan includes funding for the following initiatives:

- **Waterfront History Plan (FY 2023 – FY 2032: \$1.2 million)** – this funding will develop a formal history interpretative plan for the Waterfront area. The plan will likely identify future investments (i.e. historical interpretation signage/wayfinding, etc.) that could be implemented in conjunction with the larger Waterfront Small Area Plan Implementation project.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Waterfront History Plan (Appendix 6) adopted by as part of the Waterfront Small Area Plan by City Council, January 21, 2012.

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## OFFICE OF HISTORIC ALEXANDRIA WATERFRONT MUSEUM FEASIBILITY STUDY

DOCUMENT SUBSECTION: City-Wide Amenities  
MANAGING DEPARTMENT: Office of Historic Alexandria

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 1: Distinctive & Vibrant  
Neighborhoods

Office of Historic Alexandria Waterfront Museum Feasibility Study													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	125,000	125,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	125,000	125,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	125,000	125,000	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from Prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

Funds are requested to conduct a formal feasibility study to examine space and program requirements for a Waterfront Museum in Alexandria. This study would, in partnership with the community:

- Evaluate space and program requirements for a museum;
- Explore renovation and/or new construction costs;
- Describe the benefits to Alexandria and the greater museum community;
- Conduct a market analysis/capital cost projections/projection of attendance, revenue, expenses;
- Gauge visitor and community interest;
- Provide cost estimates for museum operations; and
- Identify potential physical locations

In less than 2 years, the conserved ship timbers of an 18<sup>th</sup> century merchant ship as well as the structural beams of the original 18<sup>th</sup>-century Carlyle warehouse (the construction of which is understood to be Alexandria's first public works project) will be able to return to Alexandria. These items, as well as the associated artifacts excavated as part of the Robinson Terminal South and Hotel Indigo construction projects warrant a place for exhibition and storage. The ship and warehouse are too large to exhibit at any of the existing OHA facilities and too large for any current OHA storage facility.

A feasibility study would meet a community need by assessing the viability of a history center as recommended in the Waterfront History Plan and the Waterfront Small Area Plan.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## PUBLIC ART ACQUISITION

DOCUMENT SUBSECTION: City-Wide Amenities  
 MANAGING DEPARTMENT: Department of Recreation, Parks,  
 and Cultural Activities

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts,  
 Culture & Recreation

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: Varies

Public Art Acquisition													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>7,293,184</b>	<b>2,293,184</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>5,000,000</b>
Financing Plan													
Cash Capital	6,400,000	1,400,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,000,000
GO Bonds	250,000	250,000	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	643,184	643,184	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>7,293,184</b>	<b>2,293,184</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>5,000,000</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Project funding increased by \$250,000 per year to align with current planned needs and match to development agreements for City funding of public art.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides an annual funding stream for the commission and/or purchase of original works of public art for placement in public spaces throughout the City based on the process and goals outlined in the City Council approved Public Art Implementation Plan and Policy (2014). This award-winning program integrates works of art into other City projects such as Lake Cook and Simpson Park Playground, or through independent projects such as Waterfront Park and the traffic box wraps. Each year the Office of the Arts, in collaboration with various City departments and Commissions, develops a 3-year workplan to identify locations and budget allocations for public art throughout the City based on the proposed funding levels outlined in the approved Policy. Public Art supports four different areas of the City's Strategic Plan: Distinctive and Vibrant Neighborhoods; Flourishing Arts, Culture and Recreation; Strong Economy; and Thriving Children and Youth.

Upcoming FY 2023 projects include:

- Waterfront Park: Commission destination public art projects in Waterfront Park.
- Public Art in Old Town North
- Public Art integrated into West End Transitway
- Public Art integrated into Duke Street Corridor
- Public Art on Trails and Paths
- Public Art integrated into park renovations
- Replace Traffic Box Wraps along Duke Street

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Parks and Recreation Needs Assessment (2011, 2013); The Public Art Implementation Plan and Policy (December, 2014)(the Public Art Policy was previously approved in October, 2012); Public Art Acquisition has also been noted in numerous Small Area Plans throughout the city as well as other plans such as the Citywide Park Improvement Plan (2014), Waterfront Plan, Beauregard Small Area Plan, Braddock Small Area Plan, Braddock East Small Area Plan, Old Town North, and Landmark/Van Dorn Small Area Plan. The acquisition of public art for the City of Alexandria is supported by the Alexandria Commission for the Arts.

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## PUBLIC ART CONSERVATION PROGRAM

DOCUMENT SUBSECTION: City-Wide Amenities  
 MANAGING DEPARTMENT: Department of Recreation, Parks,  
 and Cultural Activities

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts,  
 Culture & Recreation

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

Public Art Conservation Program													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>902,100</b>	<b>294,100</b>	<b>63,900</b>	<b>43,800</b>	<b>56,400</b>	<b>58,000</b>	<b>59,700</b>	<b>74,100</b>	<b>50,500</b>	<b>65,200</b>	<b>67,200</b>	<b>69,200</b>	<b>608,000</b>
Financing Plan													
Cash Capital	902,100	294,100	63,900	43,800	56,400	58,000	59,700	74,100	50,500	65,200	67,200	69,200	608,000
<b>Financing Plan Total</b>	<b>902,100</b>	<b>294,100</b>	<b>63,900</b>	<b>43,800</b>	<b>56,400</b>	<b>58,000</b>	<b>59,700</b>	<b>74,100</b>	<b>50,500</b>	<b>65,200</b>	<b>67,200</b>	<b>69,200</b>	<b>608,000</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added to FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides an annual funding stream for the conservation and maintenance of the City's public art collection to ensure the long-term preservation, viability, and safety of the City's art investments. Conservation and maintenance activities include examination, documentation, cleaning, restoration/repair, relocation, and stabilization.

In FY 2019, the Department of Recreation, Parks and Cultural Activities hired a professional conservator (consultant) to examine existing public artwork in need of conservation. Using the findings of the conservation assessment, a comprehensive maintenance plan was developed outlining prioritized conservation/preservation needs, including costs.

Funding in FY 2023 addresses assets identified in poor condition or unsafe and provides for emergency repairs not identified in the report. Annual funding provides for regular capital maintenance for public art, thereby reducing costs associated with deferred maintenance. A vibrant public art collection increases visitor spending, creates distinctive, attractive and amenity-rich neighborhoods and will increase resident satisfaction with the appearance of their City.

FY 2023 projects will include restoration and repairs at "King Street Gardens Park" such as lighting repairs and the repair and re-installation of the water fountain. Funding will be used for cleaning and minor maintenance as noted in the FY 2019 conditional assessment. Additional funding will be used to conduct the 5-year condition assessment of public art throughout the city.

Past projects include work at the Freedmen's Cemetery, Rocky Versace Memorial, Shipbuilder at Waterfront Park, and the War Memorial at Union Station, to highlight a few.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Parks and Recreation Needs Assessment (2011, 2013); Public Art Conservation Assessment (2019); Public Art Implementation Plan (approved by City Council 12/2014); Citywide Arts and Culture Plan and Policy (approved by City Council 12/2016); Maintenance of the City's public art collection is supported by the Alexandria Commission for the Arts.

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## Public Art Conservation Program (continued)

## Public Art Conservation Program FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
King Street Gardens Park	\$47,800
Public Art Condition Assessment	\$10,700
Emergency Projects	\$5,400
<b>Total Fiscal Year 2023</b>	<b>\$63,900</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Conservation Projects Identified in the FY2023 Condition Assessment	\$38,300
Emergency Projects	\$5,500
<b>Total Fiscal Year 2024</b>	<b>\$43,800</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Conservation Projects Identified in the FY2023 Condition Assessment	\$56,400
<b>Total Fiscal Year 2025</b>	<b>\$56,400</b>

## TRANSPORTATION SIGNAGE & WAYFINDING SYSTEM

DOCUMENT SUBSECTION: City-Wide Amenities  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: Varies

Transportation Signage & Wayfinding System													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	2,317,000	2,317,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	2,046,000	2,046,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	271,000	271,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	2,317,000	2,317,000	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides for the comprehensive design of a signage, wayfinding, and identification system that will project a consistent image for the entire City, reduce clutter, promote walking and mass transit, and be sustainable and expandable. A well-designed and implemented wayfinding program will increase identification of key sites and attractions, including parking, and support the City's goals of orienting and informing visitors and residents, motivating them to visit historic sites, and making the navigation of the City easier.

Work sessions with the City Council, Planning Commission, and the Board of Architectural Review were held in January 2009. The design phase of this project was approved in FY 2010. Implementation began in FY 2011 with Phase 1, and remaining phases are occurring over time as funding becomes available. Implementation involves the fabrication and installation of the wayfinding signs and will be coordinated with the implementation of the Braddock Road, King Street, Mt. Vernon Avenue, Arlandria, Waterfront, Beauregard, Potomac Yard, and Landmark/Van Dorn plans. To distribute the cost of the wayfinding program over multiple years, a phased approach has been utilized.

Upcoming wayfinding phases include City gateway signage as well as district markers. The City gateway signage scope of work has been reduced from 13 proposed signs to 8 proposed signs, with the signs also reengineered to reduce the cost.

(Continued on next page)

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City of Alexandria Wayfinding System Design Guidelines Manual  
 approved by Planning Commission, September 2010

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Transportation Signage & Wayfinding System (continued)

The completed and planned project implementation schedule, including estimated cost and timeline for completion, is as follows:

- Phase 1 - Parking signs in Old Town (\$100,000, FY 2010) – Completed original plans. Six additional signs added in Spring 2019 (\$200,000, FY 2017)
- Phase 2 - Old Town visitor kiosks, pedestrian pointers (\$295,000, FY 2013) – Fabrication and installation completed in winter 2016
- Phase 3a - Vehicular signs for primary routes (\$225,000, FY 2014 –FY 2016) – Fabrication and installation completed in December 2017
- Phase 3b – Metro station visitor kiosks, highway signs, freestanding interpretive panels (\$200,000, FY 2017) – Fabrication and installation completed in spring 2019
- Phase 4 - City gateways, parking signs (non-Old Town), (\$215,000, FY 2018) - Contract for design and fabrication in spring 2022, installation in spring 2023, Replacement of failing Phase 3a signs, design and fabrication in summer 2022, installation in spring 2023.
- Phase 5 - Destination Identification signs (City attractions/parks/civic-double post), vehicular signs for secondary routes (\$361,000, FY 2019) – Fabrication and installation completed in spring 2021
- Phase 6 - Destination Identification signs (City parks/civic-single post), (\$130,000, FY 2021) Fabrication and installation completed in spring 2021
- Phase 7 - District markers (\$141,000, FY 2022) - Contract for design and fabrication Winter 2022, Installation Fall 2023

In addition to the above phases, the pedestrian-oriented wayfinding signage project was implemented in the central business district along King Street starting in summer 2017 and was implemented in the Cameron Station business district in 2019.

## BRADDOCK ROAD AREA PLAN - STREETSCAPE IMPROVEMENTS

DOCUMENT SUBSECTION: Neighborhood Planning  
MANAGING DEPARTMENT: Department of Planning and Zoning

PROJECT LOCATION: Braddock Metro Area  
REPORTING AREA: Braddock Road Metro

PRIMARY STRATEGIC THEME: Theme 1: Distinctive & Vibrant Neighborhoods

PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: 21 - 25 Years

Braddock Road Area Plan - Streetscape Improvements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>1,712,564</b>	<b>812,564</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>900,000</b>
Financing Plan													
Cash Capital	1,374,000	474,000	150,000	150,000	150,000	150,000	50,000	50,000	50,000	50,000	50,000	50,000	900,000
Prior Capital Funding	338,564	338,564	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>1,712,564</b>	<b>812,564</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>900,000</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding increased for FY 2023 – FY 2026 to match anticipated developer contributions for improvements in the Braddock Road Area.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will provide funding to assist in the implementation of the Braddock Metro Neighborhood and Braddock East Plans to be funded by City and developer contributions for community amenities. Potential improvements include but are not limited to new street furniture, improved sidewalks, new lighting, new plantings and other physical improvements. The project also funds support for locally owned neighborhood serving retail.

The City will match private developer contributions to fund future streetscape improvements and small business support prioritized by the Braddock Implementation Advisory Group in consultation with City staff. Developer contributions budgeted in the past have included those received or committed from The Asher (FY 2014), Belle Pre (FY 2014), The Bradley (FY 2015), Braddock Gateway Phase 1 (FY 2018), The Slade (FY 2019) and the Carpenter's Shelter (FY 2021/22). Upcoming anticipated developer contributions include Braddock Gateway Phases 2 and 3 (FY2022-2023), the Aspire (FY 2024), 701 N. Henry (FY2025), Braddock West (FY 2026) and 805 N. Columbus (FY 2026).

Braddock Area Plan implementation of recommended community amenities is likely to exceed the amount currently programmed in the annual set-aside. In order to fulfill the City's obligation to match developer contributions collected for this fund to date and anticipated in the next four years, the request is to increase the annual set-aside for the next four years. Doing so allows for the planning and design of Plan recommended streetscape projects. A majority of the collected funds have been used in the 2019 completion of the Fayette Streetscape Project and the 2021 Queen Street Business Corridor Grant Program. As developer contributions are received or committed in future years, they will be programmed into the Capital Improvement Program.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Braddock Road Area Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## DEVELOPMENT STUDIES

DOCUMENT SUBSECTION: Neighborhood Planning  
MANAGING DEPARTMENT: Department of Planning and Zoning

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 1: Distinctive & Vibrant Neighborhoods

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: Varies

Development Studies													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>4,555,000</b>	<b>2,055,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>2,500,000</b>
Financing Plan													
Cash Capital	4,055,000	1,555,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
GO Bonds	50,000	50,000	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	250,000	250,000	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer Fund	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Utility Fund	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>4,555,000</b>	<b>2,055,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>2,500,000</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The development studies project is the parent project for various studies undertaken by the City to begin feasibility, planning and design work to implement or support small area plans (SAP) that have either been adopted or are in the process of being developed by the City. Past projects have included the Arlandria-Chirilagua Small Area Plan, Old Town North SAP Implementation, and analyses for Eisenhower West SAP Implementation.

For FY 2023, the Development Studies project includes the following initiatives:

- FY 2023 Master Plan Updates (\$250,000) — this funding will be used for updates to the City's Master Plan through development and/or implementation of Small Area Plans. Expenditure specifics are highly dependent on City Council's Long Range Planning Work Program; the proposed expenditures reflect the draft work program, which may be adjusted over the course of the budget cycle. The funding will be used for the following:
  - \$200,000 - Alexandria West Small Area Plan
    - This funding is needed for technical and economic analyses for the update to the Alexandria West Small Area Plan, including the Beauregard Plan, as indicated in City Council's Draft FY 2023 Long Range Planning Work Program.
  - \$50,000 – Economic Analyses for SAP Implementation
    - This funding is needed for economic analyses to determine the cost of community benefits and developer contributions as part of the implementation of small area plans through CDD updates.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Various adopted plans.

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## PROJECT BUDGETING EXCELLENCE

DOCUMENT SUBSECTION: City-Wide Amenities  
 MANAGING DEPARTMENT: Department of Project Implementation

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: Varies

Project Budgeting Excellence													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	6,920,800	737,000	471,000	265,000	726,100	282,100	770,100	299,100	817,100	842,100	851,100	860,100	6,183,800
Financing Plan													
Cash Capital	6,920,800	737,000	471,000	265,000	726,100	282,100	770,100	299,100	817,100	842,100	851,100	860,100	6,183,800
Financing Plan Total	6,920,800	737,000	471,000	265,000	726,100	282,100	770,100	299,100	817,100	842,100	851,100	860,100	6,183,800

### CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

CIP Projects require advance planning and cost-estimating support to develop capital project budgets that are accurate, reasonably conservative, and complete. All capital infrastructure and recreational projects can benefit from having a third-party professional estimate created using industry best practices, to ensure sufficient funding is requested for each phase of project implementation (planning, design, and construction).

This project will be a consultant-led effort to create a cost-pricing database that tracks and records historic bid pricing, bid tabs, and current price indices from relevant sources. The consultant will maintain and update the cost database to keep it relevant. Professional cost estimators and IT staff shall collaborate on appropriate technology and format to use for the database. In addition, the consultant will provide professional conceptual cost estimating and cost engineering, and conceptual project scheduling support to City staff, as needed. Standard Operating Procedures (SOPs) will be developed and documented to support consistency across City projects and process.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

DPI Workplan – Well Managed Government; BFAAC recommendation of establishing Standard Operating Procedures for Capital Project Management.

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## WATERFRONT SMALL AREA PLAN IMPLEMENTATION

DOCUMENT SUBSECTION: Neighborhood Planning  
MANAGING DEPARTMENT: Department of Project Implementation

PROJECT LOCATION: Alexandria Waterfront  
REPORTING AREA: Waterfront

PRIMARY STRATEGIC THEME: Theme 6: Strong Economy

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: Varies

Waterfront Small Area Plan Implementation (w/ Construction Funding)													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	124,662,648	41,421,648	35,041,000	48,200,000	-	-	-	-	-	-	-	-	83,241,000
Financing Plan													
Cash Capital	5,625,462	5,625,462	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	12,000	12,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	107,563,000	29,563,000	30,800,000	47,200,000	-	-	-	-	-	-	-	-	78,000,000
Prior Capital Funding	545,000	545,000	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	676,186	676,186	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	3,241,000	-	3,241,000	-	-	-	-	-	-	-	-	-	3,241,000
Use of CIP Designated Fund Balance	7,000,000	5,000,000	1,000,000	1,000,000	-	-	-	-	-	-	-	-	2,000,000
Financing Plan Total	124,662,648	41,421,648	35,041,000	48,200,000	-	-	-	-	-	-	-	-	83,241,000
Operating Impact	9,426,275	-	-	498,500	651,400	671,000	1,100,900	1,134,000	1,168,100	1,203,100	1,239,100	1,276,300	9,426,275

### CHANGES FROM PRIOR YEAR CIP

Funding realigned based on project progress and latest projection of needed cash flow.

### PROJECT DESCRIPTION & JUSTIFICATION

This funding supports the design and construction efforts to facilitate implementation of the infrastructure included in the City Council approved Waterfront Small Area Plan, and prioritized through community engagement processes, including flood mitigation.

Projected construction costs have increased due to further scope refinement, further design development, and market drivers. Cost estimates have been escalated to anticipated mid-construction date. The most significant changes were due to more detailed design and cost analysis for the stormwater and pumping system, structural bulkhead, and electrical infrastructure.

The current CIP budget is funded at approximately 50% of the most recent cost estimate for the original baseline plan (plan as adopted in 2015). Alternatives analyses and Value Engineering studies were conducted, and alternative options developed, to deliver on the goals of the project within the current CIP funding. Various options were shared with the community for feedback and validation of community priorities for various levels of funding (should additional funding be made available or awarded via grants). The progressive design-build process will continue to include further alternatives analysis, value engineering, and trade-off analysis to develop a firm scope within budget while considering the best value in terms of total life-cycle costs.

The process of assessing and confirming the City's procurement strategy commenced in January of 2022 and development of contract documents will continue until summer of 2022 when the Progressive Design-Build contract is advertised. The procurement process is projected to take approximately one year with a contract award anticipated, and the design process commencing, in late 2023. The design process is projected to be complete by late 2024; however, regulatory, environmental, and grantor review and approvals may impact and extend this timeline. Currently it is anticipated that construction could begin as early as late 2024 and may run for up to two years until late 2026; however, the schedule will be determined in collaboration with the design-build contractor.

In 2021, the City applied for external grant funding which, if awarded, will help achieve the goals of the Waterfront Small Area Plan and deliver more project elements without increasing the CIP funding requirements. Additional external funding opportunities will continue to be explored and pursued, as project eligibility allows.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Windmill Hill Park Master Plan; 2012 Waterfront Small Area Plan; Union Street Corridor Study

### ADDITIONAL OPERATING IMPACTS

Ongoing costs of operating and maintaining pump stations and green/stormwater infrastructure should be anticipated.

## CITYWIDE STREET LIGHTING

DOCUMENT SUBSECTION: Public Safety Enhancements  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient  
 Community

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: 21 - 25 Years

Citywide Street Lighting													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>3,368,401</b>	<b>3,081,301</b>	<b>25,000</b>	<b>25,800</b>	<b>26,600</b>	<b>27,400</b>	<b>28,200</b>	<b>29,000</b>	<b>29,900</b>	<b>30,800</b>	<b>31,700</b>	<b>32,700</b>	<b>287,100</b>
Financing Plan													
Cash Capital	2,954,050	2,666,950	25,000	25,800	26,600	27,400	28,200	29,000	29,900	30,800	31,700	32,700	287,100
GO Bond Interest Earnings	125,000	125,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	75,000	75,000	-	-	-	-	-	-	-	-	-	-	-
Other City Sources	204,023	204,023	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	10,328	10,328	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>3,368,401</b>	<b>3,081,301</b>	<b>25,000</b>	<b>25,800</b>	<b>26,600</b>	<b>27,400</b>	<b>28,200</b>	<b>29,000</b>	<b>29,900</b>	<b>30,800</b>	<b>31,700</b>	<b>32,700</b>	<b>287,100</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This program provides funding in the amount for the addition of new street lighting citywide. Installation of new lights helps address deficiencies in areas where pedestrian safety may be a concern and/or the Alexandria Police Department requests new lights. The program objective is to increase the safety of residents and to aid in crime prevention activities.

Projects are evaluated on a case-by-case basis. In some cases, increasing the wattage on existing streetlights is sufficient, while in others, lights are added to existing poles, or both poles and lights are added.

Implementing this project will help work towards ensuring safe and accessible travel for pedestrians, bicyclists, transit and motorists on Complete Streets with design and implementation that is context-sensitive and that contributes to the City's Vision Zero goals.

Additionally, this project has supported the retrofitting all existing streetlights within the public right-of-way to LED fixtures. LED streetlights have many advantages over traditional streetlight technology, including greater efficiency when compared to existing mercury vapor and high-pressure sodium (HPS) streetlights, more uniform light distribution, and lower life-cycle maintenance costs.

Full implementation of LED technology will significantly reduce the City's streetlight energy consumption and will help further the City's Eco-City goals. The upgrade to LED streetlight technology is a goal in the City's Environmental Action Plan.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Environmental Action Plan 2040

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



DRY FIRE HYDRANTS

DOCUMENT SUBSECTION: Public Safety Enhancements

MANAGING DEPARTMENT: Fire Department

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

PROJECT LOCATION: Old Town/Waterfront

REPORTING AREA: Citywide

PROJECT CATEGORY: 2

ESTIMATE USEFUL LIFE: Varies

Dry Fire Hydrants													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	128,800	-	-	128,800	-	-	-	-	-	-	-	-	128,800
Financing Plan													
Cash Capital	128,800	-	-	128,800	-	-	-	-	-	-	-	-	128,800
Financing Plan Total	128,800	-	-	128,800	-	-	-	-	-	-	-	-	128,800

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

PROJECT DESCRIPTION & JUSTIFICATION

This project would install approximately 4-5 dry hydrants along the Alexandria waterfront (to include Old Town). The current fire hydrants are on water mains that are extremely small and outdated and do not have sufficient water volume to support the necessary waterflow should a major fire occur. Dry Hydrants are hydrants that use the existing river water to provide additional waterflow in the event of a fire.

The project, from procurement to in-service, is estimated at 1.5 to 2 years.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

ADDITIONAL OPERATING IMPACTS

N/A

No additional operating impacts identified at this time.

## FIRE DEPARTMENT VEHICLES & APPARATUS

DOCUMENT SUBSECTION: Public Safety Enhancements  
MANAGING DEPARTMENT: Fire Department

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

Fire Department Vehicles & Apparatus													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	50,785,852	19,332,752	1,609,900	1,886,100	2,132,900	3,283,500	2,667,900	4,632,000	4,407,200	3,565,600	4,910,000	2,358,000	31,453,100
Financing Plan													
Cash Capital	31,453,100	-	1,609,900	1,886,100	2,132,900	3,283,500	2,667,900	4,632,000	4,407,200	3,565,600	4,910,000	2,358,000	31,453,100
GO Bond Interest Earnings	611,924	611,924	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	17,039,067	17,039,067	-	-	-	-	-	-	-	-	-	-	-
Prior Capital Funding	1,681,761	1,681,761	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	50,785,852	19,332,752	1,609,900	1,886,100	2,132,900	3,283,500	2,667,900	4,632,000	4,407,200	3,565,600	4,910,000	2,358,000	31,453,100
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding plan updated to reflect reprioritization of vehicle and apparatus purchases recommended by the Alexandria Fire Department. The Proposed CIP implements a plan to convert the Fire Department Vehicle & Apparatus replacement from a bond-funded project to a cash funded project.

### PROJECT DESCRIPTION & JUSTIFICATION

In FY 2012, the City approved a plan to begin replacing the Fire Department's fleet through the use of debt financing. The plan was designed as a 10-year plan and accelerated vehicle purchases through debt financing and then repaying the costs from the vehicle and equipment replacement fund. As a result of this plan, the City was able to catch up on its equipment replacement needs. It is planned to convert back to cash financing of fire equipment replacement in the next few years, as debt financing vehicle replacement is not considered a best practice.

The Department is also working to update the strategic vehicle plan to include improving deployment options through purchasing, better utilization of the Community risk assessment/Standards of coverage portion of the accreditation process and to better align our type of community need with our staffing capabilities

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

The Fire Department's apparatus committee has approved a strategic vehicle replacement plan.

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## FIRE HYDRANT MAINTENANCE PROGRAM

DOCUMENT SUBSECTION: Public Safety Enhancements  
MANAGING DEPARTMENT: Fire Department

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

Fire Hydrant Maintenance Program													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	5,910,400	860,500	415,700	434,500	453,700	473,700	493,500	513,700	534,300	555,400	576,700	598,700	5,049,900
Financing Plan													
Cash Capital	5,910,400	860,500	415,700	434,500	453,700	473,700	493,500	513,700	534,300	555,400	576,700	598,700	5,049,900
Financing Plan Total	5,910,400	860,500	415,700	434,500	453,700	473,700	493,500	513,700	534,300	555,400	576,700	598,700	5,049,900
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Project funding increased to address deferred maintenance of hydrants.

### PROJECT DESCRIPTION & JUSTIFICATION

The fire hydrant maintenance program keeps over 3,000 fire hydrants Citywide in service. This program provides capital funding to replace end of life and damaged fire hydrants, as well as establish a preventative maintenance schedule to minimize the number of preventable out of service hydrants. Having a readily accessible, reliable water source in the event of a fire is critical to effective fire suppression. Fire hydrants may be out of service for a variety of reasons, including being struck by errant vehicles, or a water leak from the hydrant or hydrant valve. Routine hydrant maintenance is funded through the operating budget. This CIP project allows for better planning of the asset replacement cycle.

The City keeps current a list of out-of-service fire hydrants which is closely coordinated with the Alexandria Fire Department. Currently, an average of 30-40 fire hydrants citywide (typically no more than 1-2% of the overall system) are out of service at any given time. There is redundancy built in the system to ensure the Fire Department always has access to water.

In years FY 2022 - 2024, funding is proposed to perform preventative maintenance on up to 20% of existing hydrants in each fiscal year. In addition, due to deferred maintenance, around \$100,000 in additional funding per year is proposed to replace key wear components that would not typically be replaced during the preventative maintenance cycle and to account for additional repairs expected to be identified during the preventative maintenance work.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## KNOX BOX REPLACEMENT

DOCUMENT SUBSECTION: Public Safety Enhancements  
MANAGING DEPARTMENT: Fire Department

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient  
Community

Knox Box Replacement													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	616,500	-	616,500	-	-	-	-	-	-	-	-	-	616,500
Financing Plan													
Cash Capital	616,500	-	616,500	-	-	-	-	-	-	-	-	-	616,500
Financing Plan Total	616,500	-	616,500	-	-	-	-	-	-	-	-	-	616,500

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The Knox Box is a lock-box device affixed to the outer structure of public and private buildings. It is primarily utilized to secure keys, key cards and key fobs that allow access into the buildings they are affixed to in the event of a public safety emergency and/or need for fire/rescue services and support. Many Knox Boxes hold business cards and contact information of the building manager, along with the entry keys. Since its introduction in 1997, the City of Alexandria has approximately 4,200 Knox Box locks in use.

The goal of this project is to replace the key cores in all existing Knox Boxes. The current design is a traditional key with a manual style core. The new design will replace the manual core with an electronic locking device and replace the traditional key with an electronic key fob. When the key fob is placed against the Knox Box, the user must then enter a code to access the items in the box.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## POLICE BODY-WORN CAMERAS

DOCUMENT SUBSECTION: Public Safety Enhancements  
MANAGING DEPARTMENT: Police Department

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: TBD

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

Police Body Worn Cameras													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	TBD	-	TBD	TBD	TBD	-	-	-	-	-	-	-	TBD
Financing Plan													
Cash Capital	TBD	-	TBD	TBD	TBD	-	-	-	-	-	-	-	TBD
Financing Plan Total	TBD	-	TBD	TBD	TBD	-	-	-	-	-	-	-	TBD

### CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP. The City continues to evaluate the scope, timing, and method of implementation of this program. While the cost at this time is unknown, implementing the program will require a substantial commitment of City funds.

### PROJECT DESCRIPTION & JUSTIFICATION

The City is currently studying the cost, efficacy, and potential phase-in of Body-Worn Camera equipment for Police Officers. Body-worn camera systems are generally used to achieve the following:

- Documentation of law enforcement-public contacts, arrests, and critical incidents;
- Enhancement of law enforcement reports and courtroom testimony;
- Documentation of crime and accident scenes or other events that include confiscation and documentation of evidence and contraband;
- Supervisor review and evaluation of reasonable suspicion, probable cause for arrest, officer/deputy and suspect interaction, and evidence for investigative and prosecutorial purposes;
- Identifying and correcting internal agency issues (i.e. tactics, communication, policy compliance, customer service, officer safety, etc.); and
- Enhance law enforcement training.

Given the significant operating costs of this new program per year, body worn cameras have not been funded but will be studied to determine if they should be required, deployed, and if so how they will be phased-in. Initial pilot funding may derive from a Community Funding Priority earmark being sponsored by Congressman Beyer.

The City continues to study this issue to ensure, when body worn cameras are funded, that the Police Department, Commonwealth's Attorney, and City Attorney's Office will establish policies and best practices in the use of body worn cameras, training on the use of body worn cameras and management and retention of recorded content.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

Implementation of body worn cameras would require significant annual staffing and data storage costs.

SCBA COMPRESSOR REPLACEMENT

DOCUMENT SUBSECTION: Public Safety Enhancements

MANAGING DEPARTMENT: Fire Department

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

PROJECT LOCATION: Citywide

REPORTING AREA: Citywide

PROJECT CATEGORY: 1

ESTIMATE USEFUL LIFE: Varies

SCBA Compressor													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	157,300	-	-	-	-	-	157,300	-	-	-	-	-	157,300
Financing Plan													
Cash Capital	157,300	-	-	-	-	-	157,300	-	-	-	-	-	157,300
Financing Plan Total	157,300	-	-	-	-	-	157,300	-	-	-	-	-	157,300

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

PROJECT DESCRIPTION & JUSTIFICATION

The Fire Department uses breathing air whenever units operate in an Immediately Dangerous to Life and Health (IDLH) environment. To include, but not limited to, Hazardous Materials, Low Oxygen environments, and Products of Combustion. All these life hazards prevent operations and mitigation efforts to be effective if the responders are not properly protected with adequate personal protective equipment.

This project allows the department the replacement of a facility installed Breathing Air Compressor, used to fill Self Contained Breathing Air (SCBA) cylinders. The Fire Department has two of these systems. One of which is beyond its service life, and in need of replacement. This compressor was originally installed in 2000 and has reached the end of its useful life.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## SCBA FLEET REPLACEMENT

DOCUMENT SUBSECTION: Public Safety Enhancements  
MANAGING DEPARTMENT: Fire Department

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

SCBA Fleet Replacement													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	9,104,200	-	-	-	-	-	-	4,428,700	4,675,500	-	-	-	9,104,200
Financing Plan													
Cash Capital	9,104,200	-	-	-	-	-	-	4,428,700	4,675,500	-	-	-	9,104,200
Financing Plan Total	9,104,200	-	-	-	-	-	-	4,428,700	4,675,500	-	-	-	9,104,200

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The Fire Department uses Self-Contained Breathing Air (SCBA) whenever units operate in an Immediately Dangerous to Life and Health (IDLH) environment. To include, but not limited to, Hazardous Materials, Low Oxygen environments, and Products of Combustion. All these life hazards prevent operations and mitigation efforts to be effective if the responders are not properly protected with the adequate personal protective equipment.

In 2015 the fire department placed the current SCBA fleet into operation service. This purchase included SCBA and other respiratory protection equipment for the Fire Department, Police Department, and the Sherriff's Office.

This project funds the replacement of the entire SCBA equipment and accessories fleet for the Fire Department, Police Department and Sheriff Office. Each department has continuously utilized their current equipment since early 2015. The current equipment is already one version of NFPA Standard behind the most current standard, by the time this replacement process occurs the equipment will be 3 standards behind. Best practice is that all fire department equipment operates no more than one standard behind. The current equipment has a 15-year service life, which makes it essential to replace prior to February 2030.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No Additional Operating Impacts identified at this time.

## ENVIRONMENTAL RESTORATION

DOCUMENT SUBSECTION: Waterways Maint. & Imprv.  
MANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
Sustainability

PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: Varies

Environmental Restoration													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	4,761,509	1,538,509	293,000	170,000	323,000	391,000	360,000	254,000	375,000	298,000	422,000	337,000	3,223,000
Financing Plan													
Cash Capital	1,860,145	674,145	132,000	-	144,000	203,000	163,000	48,000	159,000	70,000	182,000	85,000	1,186,000
Environmental Restoration Funds	80,000	80,000	-	-	-	-	-	-	-	-	-	-	-
Prior Capital Funding	76,520	76,520	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	238,772	238,772	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer Fund	879,134	208,134	53,000	56,000	59,000	62,000	65,000	68,000	71,000	75,000	79,000	83,000	671,000
Stormwater Utility Fund	827,614	156,614	53,000	56,000	59,000	62,000	65,000	68,000	71,000	75,000	79,000	83,000	671,000
TIP	799,324	104,324	55,000	58,000	61,000	64,000	67,000	70,000	74,000	78,000	82,000	86,000	695,000
Financing Plan Total	4,761,509	1,538,509	293,000	170,000	323,000	391,000	360,000	254,000	375,000	298,000	422,000	337,000	3,223,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding updated to reflect projected cost of Sustainability Coordinator position; funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This program provides for various projects that will enhance the environmental quality of our local streams, the Potomac River, and Chesapeake Bay and improve sustainability. This program also provides for various sustainability projects within the City that will reduce greenhouse gas (GHG) emissions and enhance local water quality. For reducing emissions, funding in the short term will be used to develop criteria, guidance and calculating methodology for evaluating CIP projects' GHG emissions impact to facilitate project prioritization.

The City's local, more stringent requirement in Article XIII of the Alexandria Zoning Ordinance – the Environmental Management Ordinance – requires development/redevelopment projects to provide stormwater quality treatment from all impervious areas to meet the “Water Quality Volume Default” (WQVD). This WQVD requirement for stormwater treatment is in addition to the state requirement under the locally administered Virginia Stormwater Management Program (VSMP). In circumstances where the WQVD is not feasible because of site constraints, fees are collected under the Water Quality Improvement Fund in the form of developer contributions in lieu of providing stormwater treatment. These funds are used for new sustainability projects identified in the Environmental Action Plan (EAP) 2040, as well as funding a portion of the Sustainability Coordinator position that City Council added to this project in FY 2017 to oversee the implementation of the EAP 2040. Additional funding sources for this position include the Sanitary Special Revenue Fund, Stormwater Utility, and Transportation Improvement Plan.

These fees collected in lieu of water quality improvements or other mitigation required under the City's ordinance are used to supplement larger water quality efforts to address City-wide water quality benefits, including the City's water quality requirements under the Chesapeake Bay Total Maximum Daily Load (TMDL). Thus, these funds must be used to improve water quality through projects such as stream restorations, water quality improvement structures for public facilities, wetland enhancements, riparian buffer improvements such as tree plantings and invasive species removal, green infrastructure applications such as green roofs, pervious pavement, bioswales, urban bioretention, etc. City funds may be used to supplement the fees collected to implement larger projects.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Environmental Management Ordinance Article XIII; Water Quality Management Supplement to the City Master Plan; MS4 Permit and Program Plan; Chesapeake Bay TMDL Action Plan; Strategic Plan; Eco-City Alexandria Charter; and, Environmental Action Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## ORONOCO OUTFALL REMEDIATION PROJECT

DOCUMENT SUBSECTION:	Waterways Maint. & Imprv.	PROJECT LOCATION:	Oronoco St. from Lee St. to Waterfront
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Waterfront
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	PROJECT CATEGORY:	2
		ESTIMATE USEFUL LIFE:	30+ Years

Oronoco Outfall Remediation Project													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>23,422,378</b>	<b>13,662,378</b>	<b>1,010,000</b>	<b>2,550,000</b>	<b>1,100,000</b>	<b>5,050,000</b>	<b>50,000</b>	-	-	-	-	-	<b>9,760,000</b>
Financing Plan													
Cash Capital	4,696,926	4,696,926	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	300,000	300,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	12,406,000	2,646,000	1,010,000	2,550,000	1,100,000	5,050,000	50,000	-	-	-	-	-	9,760,000
GO Bonds (Stormwater)	5,048,074	5,048,074	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	926,505	926,505	-	-	-	-	-	-	-	-	-	-	-
Stormwater Utility Fund	44,873	44,873	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>23,422,378</b>	<b>13,662,378</b>	<b>1,010,000</b>	<b>2,550,000</b>	<b>1,100,000</b>	<b>5,050,000</b>	<b>50,000</b>	-	-	-	-	-	<b>9,760,000</b>
Operating Impact	1,399,500	-	-	155,000	160,000	165,000	170,000	175,000	180,000	185,000	190,000	19,500	1,399,500

### CHANGES FROM PRIOR YEAR CIP

Project funding in the amount of \$9.76 million added to the project. In the previously Approved CIP, this project noted that significant but to-be-determined costs had been identified for the project.

### PROJECT DESCRIPTION & JUSTIFICATION

The Office of Environmental Quality (a division of Transportation & Environmental Services) continues to actively manage environmental impacts associated with the former 19<sup>th</sup> century City owned manufactured gas plant (used to provide gas to City street lights) that once operated at the corner of North Lee and Oronoco Streets. The plant historically supplied coal-derived manufactured gas for lighting Alexandria and subsequently left residue in the underlying soil and ground water that have been the ongoing source of oily substances evident beneath the observation deck at the end of Oronoco Street.

As a part of the Corrective Action Plan (CAP) undertaken by the City and approved by the Virginia Department of Environmental Quality (VDEQ) through its Voluntary Remediation Program (VRP), the City constructed a bio-remediation system at the foot of Oronoco Street to eliminate the discharge of the oily substances into the Potomac River. This part of the project was completed in 2013.

Phase II of the project consists of dredging and capping the impacted sediment in the Potomac River around the outfall area, and evaluating the area within the boundary of the VRP for health impacts.

The dredging and capping project was completed in 2018 and is aimed at mitigating the discharge of petroleum impacted groundwater from the former manufactured gas plant to the subsurface beyond the original site boundaries and into the Potomac River. Since the project was originally scoped and budgeted, the dredge and cap area has increased, as were the sewer pipe repair and relining work, which resulted in increased project costs. Subsequent annual verification sediment samplings conducted in 2019 and 2020 proved the effectiveness and complete success of this project.

The City's comprehensive assessment of the project progress during FY 2020 resulted in long term solutions aimed at accelerating the recovery of the contaminant (coal tar) at and/or close to the site that were evaluated and implemented in FY 2021 - 2022. The City is also developing strategies to complete the VRP requirements that include remediation strategies at the Lee Street Square buildings (i.e. the site) including potential installation of sub-slab depressurization systems, long-term monitoring and maintenance plan, potential remediation of sediment under Robinson Terminal North pier, and obtaining the certificate of completion of this VRP from VDEQ.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Eco-City Charter; Environmental Action Plan 2030.

### ADDITIONAL OPERATING IMPACTS

Funding necessary for contract to maintain the groundwater treatment system and the dredge and cap system.

## STREAM VALLEY GUIDELINES

DOCUMENT SUBSECTION: Waterways Maint. & Imprv.  
 MANAGING DEPARTMENT: Recreation, Parks, and Cultural Activities

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental Sustainability

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: Varies

Stream Valley Design Guidelines													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 FY 2032
Expenditure Budget	273,300	-	-	-	-	273,300	-	-	-	-	-	-	273,300
Financing Plan													
Cash Capital	273,300	-	-	-	-	273,300	-	-	-	-	-	-	273,300
Financing Plan Total	273,300	-	-	-	-	273,300	-	-	-	-	-	-	273,300
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Project funding updated to reflect cost escalation to FY 2026.

### PROJECT DESCRIPTION & JUSTIFICATION

This multifaceted project will provide guidelines and a vision for Alexandria stream valleys, recognizing these corridors for their potential, not just as waterway ecosystems, but also as trail connections, recreational opportunities, outdoor classrooms, volunteer engagement opportunities, and urban ecological habitats. The guidelines will focus on developing a vision for Backlick Run with a set of principles that could be applied to other City stream valleys to maximize the potential of these resources. The timing of the plan is particularly important as a guiding document for upcoming development expected along the stream banks in the Eisenhower West Corridor. It also supports the ongoing high priority of trails and passive spaces, as continually identified as a top need in the 2011, 2013, 2015, 2017, and 2019 Park and Recreation Needs Assessments.

Currently, private development is occurring in stream valleys, such as Backlick Run, that lacks a cohesive and consistent plan to guide coordination between developers and the City. Typically, the City coordinates with private property owners during the development process to remove existing encroachments of impervious area in Resource Protection Areas (RPAs) – the landward 100-foot buffer measured from the top of bank of a stream or edge of a delineated wetland – to restore the buffer area without these encroachments. In many instances, the stream is located on City property and the RPA may extend into private property. Backlick Run is a special case where the private property extends into the stream. A recent project included negotiation that was successful in the dedication of almost 2 acres of RPA to the city, removal of all impervious area in the RPA, removal of invasive plant material and replanting with native plant material. Current negotiations during the redevelopment process with other property owners on Backlick Run are also proving positive. The guidelines will assist in creating standardized approach for other properties along Backlick and within other stream valleys to accomplish similar results. This will result in opportunities to restore the City's waterways in coordination with planning for and incorporating trails, recreation, water access, and urban ecological habitats along stream areas. The guidelines will identify opportunities for environmental restoration, connected trails and recreation.

The project will include concept guidelines for trails, recreation, water access and ecology in stream valley corridors and a case study on Backlick Run.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City's Strategic Plan (Flourishing Arts, Culture and Recreation, Environmental Sustainability, Healthy Residents, and Multimodal Transportation themes); Small Area Plans, such as Eisenhower East and Eisenhower West; Recreation, Parks and Cultural Activities Strategic Plan (Invest in the Environment) (2018-2023); Open Space Master Plan 2017 Updated Implementation Strategy (2017); Eco-City Environmental Action Plan 2040; Municipal Separate Storm Sewer System (MS4) permit; Flood Action Alexandria

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

# RECREATION & PARKS

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Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
<b>Recreation &amp; Parks</b>												
<b>Aquatics Facilities</b>												
Neighborhood Pool Demolition and Conversion	1,083,259	-	-	-	-	-	-	-	-	-	-	-
Old Town Pool	-	1,474,400	-	8,814,600	-	-	-	-	-	-	-	10,289,000
Public Pools	1,416,914	103,100	106,200	109,400	112,500	116,000	123,400	158,500	163,200	168,100	173,100	1,333,500
<b>Aquatics Facilities Total</b>	<b>2,500,173</b>	<b>1,577,500</b>	<b>106,200</b>	<b>8,924,000</b>	<b>112,500</b>	<b>116,000</b>	<b>123,400</b>	<b>158,500</b>	<b>163,200</b>	<b>168,100</b>	<b>173,100</b>	<b>11,622,500</b>
<b>Open Space Acquisition &amp; Development</b>												
Open Space Acquisition and Develop.	20,380,258	400,000	330,000	337,000	344,000	351,000	358,000	365,000	372,000	379,000	387,000	3,623,000
<b>Open Space Acquisition &amp; Development Total</b>	<b>20,380,258</b>	<b>400,000</b>	<b>330,000</b>	<b>337,000</b>	<b>344,000</b>	<b>351,000</b>	<b>358,000</b>	<b>365,000</b>	<b>372,000</b>	<b>379,000</b>	<b>387,000</b>	<b>3,623,000</b>
<b>Park Maintenance &amp; Improvements</b>												
Americans with Disabilities Act (ADA) Requirements	1,506,323	46,300	109,400	109,400	109,400	109,400	109,400	109,400	109,400	109,400	152,200	1,073,700
Armistead Boothe Park Trail Surface Conversion	-	-	-	226,000	-	-	-	-	-	-	-	226,000
Athletic Field Improvements (incl. Synthetic Turf)	9,944,512	804,000	16,521,000	1,529,400	16,400	666,900	771,000	18,000	18,500	842,600	867,800	22,055,600
Ball Court Renovations	2,559,813	309,200	164,100	169,000	-	194,200	203,000	209,100	215,300	221,800	228,500	1,914,200
Cameron Run Regional Park Feasibility Study	-	-	-	291,800	-	-	-	-	-	-	-	291,800
Citywide Parks Improvements Plan	12,173,082	-	-	-	-	700,000	-	-	-	-	-	700,000
Community Matching Fund	914,857	100,000	-	-	-	200,000	-	200,000	-	200,000	-	700,000
Fort Ward Management Plan Implementation	1,175,172	-	646,700	2,315,000	-	-	-	-	-	-	-	2,961,700
Four Mile Run Park	-	-	-	-	1,266,900	605,000	15,489,100	-	-	-	-	17,361,000
Four Mile Run Park Bridge Replacement	-	1,293,800	-	-	-	-	-	-	-	-	-	1,293,800
Four Mile Run Park Wetlands Connector Bridge	652,205	-	-	-	-	-	-	-	-	-	-	-
Holmes Run Trail Repairs	6,026,017	1,200,000	-	-	-	-	-	-	-	-	-	1,200,000
Park Renovations CFMP	6,231,567	304,500	249,400	199,500	-	450,000	450,000	450,000	450,000	450,000	620,000	3,623,400
Patrick Henry Turf Fields and Recreation Center	-	1,000,000	1,600,000	-	-	-	-	-	-	-	-	2,600,000
Pavement in Parks	950,000	275,000	61,800	21,300	85,300	275,000	275,000	275,000	275,000	275,000	319,800	2,138,200
Playground Renovations CFMP	7,913,705	866,100	160,900	495,400	421,400	2,019,900	1,408,400	1,012,600	1,043,000	1,074,300	1,106,500	9,608,500
Potomac Yard Park Basketball Court Lights	98,330	-	-	-	-	-	-	-	-	-	-	-
Restroom Renovations	1,110,000	790,800	123,600	-	32,800	33,800	34,800	-	602,800	-	169,700	1,788,300
Shared-Use Paths	941,357	150,000	-	-	150,000	-	-	150,000	-	150,000	-	600,000
Soft Surface Trails	1,510,687	12,000	86,500	41,500	-	130,000	130,000	-	130,000	-	183,000	713,000
Tree & Shrub Capital Maintenance	5,886,485	632,900	356,200	367,000	-	430,000	442,700	456,000	469,800	483,800	498,300	4,136,700
Water Management & Irrigation	1,853,250	135,900	140,000	-	140,000	140,000	140,000	140,000	140,000	140,000	193,200	1,309,100
Waterfront Parks CFMP	331,000	53,300	54,800	56,500	-	65,800	67,700	69,800	71,900	74,000	76,300	590,100
Windmill Hill Park Improvements	7,009,000	5,646,100	-	-	-	-	-	-	-	-	-	5,646,100
<b>Park Maintenance &amp; Improvements Total</b>	<b>68,787,362</b>	<b>13,619,900</b>	<b>20,274,400</b>	<b>5,821,800</b>	<b>2,222,200</b>	<b>6,020,000</b>	<b>19,521,100</b>	<b>3,089,900</b>	<b>3,525,700</b>	<b>4,020,900</b>	<b>4,415,300</b>	<b>82,531,200</b>
<b>Renovated or New Recreation Facilities</b>												
Chinquapin Recreation Center CFMP	4,163,383	80,000	80,000	815,700	255,400	494,700	828,700	648,300	2,207,000	1,742,100	450,300	7,602,200
City Marina Maintenance	1,427,013	47,900	49,300	50,000	-	50,000	50,000	50,000	50,000	50,000	90,100	487,300
Proactive Maintenance of the Urban Forest	632,000	328,400	338,300	348,400	-	369,700	380,800	392,200	403,900	416,100	837,500	3,815,300
Recreation Centers CFMP	7,063,004	120,000	120,000	278,700	172,000	899,100	1,252,000	2,286,000	3,837,600	7,662,500	6,651,500	23,279,400
Torpedo Factory Arts Center CFMP	2,283,175	175,200	75,000	3,279,100	473,300	1,226,100	4,342,100	4,278,000	943,900	679,800	911,300	16,383,800
<b>Recreation Facility Maintenance Total</b>	<b>15,568,575</b>	<b>751,500</b>	<b>662,600</b>	<b>4,771,900</b>	<b>900,700</b>	<b>3,039,600</b>	<b>6,853,600</b>	<b>7,654,500</b>	<b>7,442,400</b>	<b>10,550,500</b>	<b>8,940,700</b>	<b>51,568,000</b>
<b>Renovated or New Recreation Facilities</b>												
Braddock Area Plan Park	2,546,207	-	-	-	-	-	-	-	-	-	-	-
Citywide Parks Improvements Plan	-	-	-	-	64,800	-	-	-	-	-	-	64,800
Dora Kelly Fair-Weather Crossing Replacement with Bridge	-	-	-	595,000	-	-	-	-	-	-	-	595,000
Douglas MacArthur School - Recreation & Parks Programming Space	2,001,592	-	-	-	-	-	-	-	-	-	-	-
Douglass Cemetery Restoration	-	240,000	2,170,000	695,000	-	-	-	-	-	-	-	3,105,000
Fort Ward Management Plan Implementation	-	200,000	-	-	-	218,800	-	232,000	-	246,000	-	896,800
Patrick Henry Recreation Center	7,259,986	-	-	-	-	-	-	-	-	-	-	-
Recreation Center Market Response and Program Support	-	50,000	-	-	-	-	-	-	-	-	-	50,000
Torpedo Factory Art Center Revitalization	785,000	500,000	1,000,000	1,545,000	-	-	-	-	-	-	-	3,045,000
<b>Renovated or New Recreation Facilities Total</b>	<b>12,592,785</b>	<b>990,000</b>	<b>3,170,000</b>	<b>2,835,000</b>	<b>64,800</b>	<b>218,800</b>	<b>-</b>	<b>232,000</b>	<b>-</b>	<b>246,000</b>	<b>-</b>	<b>7,756,600</b>
<b>Grand Total</b>	<b>119,829,152</b>	<b>17,338,900</b>	<b>24,543,200</b>	<b>22,689,700</b>	<b>3,644,200</b>	<b>9,745,400</b>	<b>26,856,100</b>	<b>11,499,900</b>	<b>11,503,300</b>	<b>15,364,500</b>	<b>13,916,100</b>	<b>157,101,300</b>

### Significant Project Changes in the Recreation & Parks Section

This year's Capital Improvement Program (CIP) underwent significant changes for a variety of reasons. A major driver was the need to accommodate several new projects, and commitments to funding (e.g. Torpedo Art Center Revitalization), while keeping the General Fund transfer to the CIP consistent and staying within City debt limits. This means funding for projects in other categories had to be decreased, or removed.

Project funding in this CIP section, compared to the Approved FY 2022 – FY 2031 CIP funding levels, increased by about \$33.1 million, while \$26.2 million in reductions were made. Therefore, this section had a net increase of about \$7.0 million, or +5 percent of the Approved FY 2022 – FY 2031 funding level. Note, these comparisons do not include Fiscal Years 2022 or 2032 funding.

The below chart highlights any project funding that increased or decreased by more than 15%, or \$1 million.

CIP Subsection	CIP Doc Title	TOTAL FY 2023 - 2032	Amount Changed Since FY22 Approved CIP*	Percentage Changed Since FY22 Approved CIP
Renovated or New Recreation Facilities	Torpedo Factory Art Center Revitalization	3,045,000	2,200,000	260.4%
Recreation Facility Maintenance	Torpedo Factory Arts Center CFMP	16,383,800	15,472,500	100.0%
Renovated or New Recreation Facilities	Douglass Cemetery Restoration	3,105,000	3,105,000	100.0%
Park Maintenance & Improvements	Fort Ward Management Plan Implementation	2,961,700	2,961,700	100.0%
Park Maintenance & Improvements	Four Mile Run Park Bridge Replacement	1,293,800	1,293,800	100.0%
Park Maintenance & Improvements	Holmes Run Trail Repairs	1,200,000	1,200,000	100.0%
Renovated or New Recreation Facilities	Dora Kelly Fair-Weather Crossing Replacement with Bridge	595,000	595,000	100.0%
Park Maintenance & Improvements	Armistead Boothe Park Trail Surface Conversion	226,000	226,000	100.0%
Renovated or New Recreation Facilities	Recreation Center Market Response and Program Support	50,000	50,000	100.0%
Recreation Facility Maintenance	Chinquapin Recreation Center CFMP	7,602,200	2,800,800	64.4%
Recreation Facility Maintenance	Proactive Maintenance of the Urban Forest	3,815,300	821,800	38.1%
Aquatics Facilities	Old Town Pool	10,289,000	1,158,500	12.7%
Recreation Facility Maintenance	Recreation Centers CFMP	23,279,400	1,001,100	6.4%
Park Maintenance & Improvements	Athletic Field Improvements (incl. Synthetic Turf)	22,055,600	(1,000,200)	(4.5%)
Park Maintenance & Improvements	Americans with Disabilities Act (ADA) Requirements	1,073,700	(220,900)	(19.3%)
Renovated or New Recreation Facilities	Fort Ward Management Plan Implementation	896,800	(223,200)	(19.9%)
Park Maintenance & Improvements	Four Mile Run Park	17,361,000	(4,646,500)	(21.1%)
Park Maintenance & Improvements	Water Management & Irrigation	1,309,100	(341,200)	(23.4%)
Park Maintenance & Improvements	Pavement in Parks	2,138,200	(651,600)	(26.4%)
Recreation Facility Maintenance	City Marina Maintenance	487,300	(215,500)	(35.2%)
Park Maintenance & Improvements	Park Renovations CFMP	3,623,400	(1,706,700)	(36.2%)
Park Maintenance & Improvements	Restroom Renovations	1,788,300	(1,520,000)	(48.4%)
Park Maintenance & Improvements	Soft Surface Trails	713,000	(761,900)	(59.0%)
Park Maintenance & Improvements	Community Matching Fund	700,000	(1,100,000)	(61.1%)
Open Space Acquisition & Development	Open Space Acquisition and Develop.	3,623,000	(6,514,000)	(66.8%)
Renovated or New Recreation Facilities	Citywide Parks Improvements Plan	764,800	(2,405,000)	(75.9%)
Renovated or New Recreation Facilities	Braddock Area Plan Park	-	(3,710,800)	(100.0%)

\*This dollar amount was calculated by comparing FY 2023 – 2031 funding levels of the FY 2022 Approved CIP and this FY 2023 Proposed CIP. Since the FY 2022 Approved CIP did not have FY 2032 funding designations, that FY was removed from these calculations.

## NEIGHBORHOOD POOL DEMOLITION/CONVERSION

DOCUMENT SUBSECTION: Aquatics Facilities  
 MANAGING DEPARTMENT: Department of Recreation, Parks,  
 and Cultural Activities

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts,  
 Culture & Recreation

PROJECT CATEGORY: 2  
 ESTIMATE USEFUL LIFE: 30+ Years

Neighborhood Pool Demolition and Conversion													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>1,083,259</b>	1,083,259	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	600,000	600,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	461,000	461,000	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	22,259	22,259	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>1,083,259</b>	1,083,259	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

Neighborhood Pool Demolition/Conversion projects will convert the City's aging neighborhood aquatic facilities that are currently closed or decommissioned into other recreational features. In 2012, RPCA commissioned an Aquatic Facilities Study to create a plan for improving the City's aging aquatic facilities. The study recommended significant changes to the facilities such as Colasanto and Nannie J. Lee Pools which have been closed since 2009. Projects will demolish the existing pools that are closed to the community and convert them into facilities such as interactive fountains, sprayground or other recreational facilities as identified in the Neighborhood Parks Improvement Plan. This project will eliminate the safety hazards associated with closed, unstaffed pools, and will benefit a broad range of City residents and visitors. The new facility at Colasanto will be operated similar to the successful interactive fountain at Potomac Yard Park.

Aquatics is consistently identified as an unmet need for residents in Alexandria in the Park and Recreation Needs Assessments. In FY 2021, the Colasanto site design process kicked off for the conversion to an interactive fountain. In FY 2022, the Colasanto design project will be complete and the project will move into construction procurement.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Neighborhood Parks Improvement Plan (2016); Park and Recreation Needs Assessment (2013 and 2015); Aquatics Facilities Study (2012); Recreation, Parks and Cultural Activities Strategic Plan (2018-2023)

### ADDITIONAL OPERATING IMPACTS

The Colasanto interactive fountain is anticipated to have an annual operating cost of approximately \$33,000 beginning in FY2024.

## OLD TOWN POOL

DOCUMENT SUBSECTION: Aquatics Facilities  
 MANAGING DEPARTMENT: Department of Recreation, Parks,  
 and Cultural Activities

PROJECT LOCATION: 1609 Cameron Street  
 REPORTING AREA: Braddock Road Metro

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts,  
 Culture & Recreation

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: 30+ Years

Old Town Pool													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	10,289,000	-	1,474,400	-	8,814,600	-	-	-	-	-	-	-	10,289,000
Financing Plan													
GO Bonds	8,814,600	-	-	-	8,814,600	-	-	-	-	-	-	-	8,814,600
Use of CIP Designated Fund Balance	1,474,400		1,474,400										1,474,400
Financing Plan Total	10,289,000	-	1,474,400	-	8,814,600	-	-	-	-	-	-	-	10,289,000
Operating Impact	1,024,200	-	-	-	-	-	170,700	170,700	170,700	170,700	170,700	170,700	1,024,200

### CHANGES FROM PRIOR YEAR CIP

Funding amount increased to reflect further scope refinement, further design development, and market drivers.

### PROJECT DESCRIPTION & JUSTIFICATION

In 2012, the Department of Recreation, Parks and Cultural Activities commissioned an Aquatic Facilities Study to create a plan for improving the City's aging aquatic facilities. The study recommends renovating the existing outdoor pool in Old Town. This project will provide for a replacement aquatic facility that will enhance the user experience at the Old Town Pool. The 2012 Aquatics Facilities Study recommendation included a medium-sized family aquatic center with an 8-lane 25-yard lap pool, a separate children's area with zero depth entry, a play structure, water slide, and new bathhouse. In 2016, the City conducted assessments of the pool and the bath house, and an updated cost estimate was prepared in 2019.

The public design process is anticipated to verify the community's aquatic needs at this site and assess the site's context including the neighboring Durant Center and Jefferson Houston Elementary School. The community benefit from this project will be broad as it provides a facility for all age groups and abilities.

Funding for design is planned in FY 2023 and construction is planned in FY 2025.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Parks and Recreation Needs Assessment (2013, 2015, 2017, and 2019); Aquatic Facilities Study (2012); Recreation, Parks and Cultural Activities Strategic Plan (2018-2023); Old Town Pool Assessment (2016).

### ADDITIONAL OPERATING IMPACTS

Operating impacts will be further determined through the project's design process.

## PUBLIC POOLS

DOCUMENT SUBSECTION: Aquatics Facilities  
 MANAGING DEPARTMENT: Department of Recreation, Parks,  
 and Cultural Activities

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts,  
 Culture & Recreation

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

Public Pools													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>2,750,414</b>	<b>1,416,914</b>	<b>103,100</b>	<b>106,200</b>	<b>109,400</b>	<b>112,500</b>	<b>116,000</b>	<b>123,400</b>	<b>158,500</b>	<b>163,200</b>	<b>168,100</b>	173,100	1,333,500
Financing Plan													
Cash Capital	2,606,801	1,273,301	103,100	106,200	109,400	112,500	116,000	123,400	158,500	163,200	168,100	173,100	1,333,500
GO Bond Interest Earnings	49,613	49,613	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	67,000	67,000	-	-	-	-	-	-	-	-	-	-	-
Sale of Property Revenue	27,000	27,000	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>2,750,414</b>	<b>1,416,914</b>	<b>103,100</b>	<b>106,200</b>	<b>109,400</b>	<b>112,500</b>	<b>116,000</b>	<b>123,400</b>	<b>158,500</b>	<b>163,200</b>	<b>168,100</b>	173,100	1,333,500
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project includes annual funding for capital maintenance of all indoor and outdoor public swimming pool shells, structures, mechanical and filtration systems, decks, bathhouses, components required by the Aquatics Health Code, and contributing amenities. Annually, public swimming pools are inspected by the Alexandria Health Department for code compliance and required repairs are scheduled.

In FY 2012, the City completed an Aquatic Facilities Study that provided additional information on the scope and priority of types of facilities needed in the future. In August 2016 an updated facility assessment with recommendations was completed for Old Town Pool. A similar assessment of the Rixse Pool at Chinquapin was completed in December 2019. A list of projects to be completed in FY 2023 – 2025 can be found on the next page. However, due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, projects are subject to change.

Maintaining public pools supports City objectives to meet resident expectations and directly supports and enhances well-being, success, and achievement of children, youth and families. City pools also provide quality play spaces to support active lifestyles and acquire life-saving learn to swim skills. In addition, annual maintenance funding maintains the level of service currently provided to pool users, while maintaining the City pools' capital infrastructure in a state of good repair.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Parks and Recreation Biennial Needs Assessment (2011- 2019); Outdoor Pools Assessment (2002); Open Space Master Plan (2003, Updated 2017); Aquatics Facilities Study (2012); Old Town Pool Assessment (2016); Recreation, Parks and Cultural Activities Strategic Plan (2018-2023); Chinquapin Park Indoor Swimming Pool Evaluation (2019)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## Public Pools (continued)

## Public Pools FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
Replace Chinguapin Diving Board	\$30,000
Warwick Pool Replastering	\$45,000
Water Chemistry Controller Replacements (all sites)	\$17,000
Emergency Repairs	\$11,100
<b>Total Fiscal Year 2023</b>	<b>\$103,100</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Chinguapin Pool Lane Lines, Backstroke Flags and Lane Reel Replacement	\$17,500
Memorial Pool Replastering and Lane Line Replacement	\$12,500
Warwick Pool Lane Line Replacement	\$15,000
Memorial Pool Plumbing Repairs	\$20,000
Chinguapin Electrical Repairs	\$10,000
Shade Structures and Umbrella Replacements	\$20,000
Emergency Repairs	\$11,200
<b>Total Fiscal Year 2024</b>	<b>\$106,200</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Chinguapin Pool UV System Replacement	\$33,000
Warwick Pool ADA Chair Lift Replacement	\$8,000
Pool Pump Motor Reconditioning (all sites)	\$11,000
Memorial Pool Lane Lines, Backstroke Flags, and Lane Reel Replacement	\$10,000
Memorial Pool Cover Replacement	\$10,000
Warwick Pool Cover Replacement	\$20,000
Memorial Pool and Warwick Pool Staff Office Air Conditioner	\$6,000
Emergency Repairs	\$11,400
<b>Total Fiscal Year 2025</b>	<b>\$109,400</b>

## OPEN SPACE ACQUISITION AND DEVELOPMENT

DOCUMENT SUBSECTION: Open Space Acquisition &amp; Development

PROJECT LOCATION: Citywide

MANAGING DEPARTMENT: Department of Recreation, Parks, and Cultural Activities

REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts, Culture &amp; Recreation

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 30+ Years

Open Space Acquisition and Develop.													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	24,003,258	20,380,258	400,000	330,000	337,000	344,000	351,000	358,000	365,000	372,000	379,000	387,000	3,623,000
Financing Plan													
Cash Capital	13,095,825	9,472,825	400,000	330,000	337,000	344,000	351,000	358,000	365,000	372,000	379,000	387,000	3,623,000
GO Bonds	10,253,409	10,253,409	-	-	-	-	-	-	-	-	-	-	-
Other City Sources	441,373	441,373	-	-	-	-	-	-	-	-	-	-	-
Prior Capital Funding	2,520	2,520	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	23,558	23,558	-	-	-	-	-	-	-	-	-	-	-
Sale of Property Revenue	186,573	186,573	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	24,003,258	20,380,258	400,000	330,000	337,000	344,000	351,000	358,000	365,000	372,000	379,000	387,000	3,623,000
Operating Impact													

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restrictions and increased needs in other projects. Funding added to FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This is an on-going project, which provides for the purchase of and improvements to land for City open space and related facilities. Funding allows the City to proceed with the acquisition of additional open space in accordance with the City's Open Space Master Plan, City Council's Strategic Plan, and in conjunction with the implementation of approved small area plans throughout the City. A 2013 Parks and Recreation Needs Assessment Survey indicated 86% of Alexandrians indicated that it is "very important" or "important" to "purchase land to preserve natural areas, wildlife" and 79% indicate that it is "very important" or "important" to "purchase land to develop passive use neighborhood parks." In 2003, City Council approved a plan (Strategic Master Plan for Open Space, Parks and Recreation) which identified the need to add 100 acres of open space by calendar year 2013. This plan was updated in 2017. Per the 2017 Open Space Update, the City is able to maintain its ratio of 7.3 acres per 1,000 residents with our current land and land promised through small area plans, and demographics until 2025. By then, the population is expected to increase to a point where additional open space must be acquired or dedicated to maintain the goal as the population grows.

To date, the City has purchased 13 acres of open space as relates to the desired addition of 100 acres of open space. An additional 92 acres have been protected through dedications, public access and conservation easements. The City's partnership with the Northern Virginia Conservation Trust supports additional protection of open space in Alexandria through voluntary conservation easements and land acquisition. In 2020, a newly reinstated Open Space Steering Committee began work with staff to develop an Open Space Policy Plan. The Committee's charge of work is to provide recommendations on updated definitions and policies, evaluate and recommend methods of pursuing new publicly accessible open space, and provide guidance on the implementation of open space goals. The Committee's recommendations will inform decisions on the prioritization of open space sites for acquisition.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Open Space Master Plan (2003, Updated 2017); Strategic Master Plan for Open Space, Parks and Recreation (2003); Eco-City Environmental Action Plan - Land Use Chapter (2018); Urban Forestry Master Plan (2009)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS

DOCUMENT SUBSECTION: Park Maintenance &amp; Improvements

PROJECT LOCATION: Citywide

MANAGING DEPARTMENT: Department of Recreation, Parks, and Cultural Activities

REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 2: Inclusive City

PROJECT CATEGORY: 1

ESTIMATE USEFUL LIFE: Varies

Americans with Disabilities Act (ADA) Requirements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>2,580,023</b>	<b>1,506,323</b>	<b>46,300</b>	<b>109,400</b>	<b>109,400</b>	<b>109,400</b>	<b>109,400</b>	<b>109,400</b>	<b>109,400</b>	<b>109,400</b>	<b>109,400</b>	<b>152,200</b>	<b>1,073,700</b>
Financing Plan													
Cash Capital	2,388,460	1,314,760	46,300	109,400	109,400	109,400	109,400	109,400	109,400	109,400	109,400	152,200	1,073,700
GO Bond Interest Earnings	77,563	77,563	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	114,000	114,000	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>2,580,023</b>	<b>1,506,323</b>	<b>46,300</b>	<b>109,400</b>	<b>109,400</b>	<b>109,400</b>	<b>109,400</b>	<b>109,400</b>	<b>109,400</b>	<b>109,400</b>	<b>109,400</b>	<b>152,200</b>	<b>1,073,700</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides funding to meet Federal ADA requirements for outdoor recreational spaces. Consistent with Federal regulations, new park facilities, and existing park facilities such as playgrounds, restrooms, fields, and passive areas, must be made compliant with current requirements. This project addresses revised regulations implementing Title II (State and Local Government Application) and III (Public Facilities) of the Americans with Disabilities Act of 1990. Compliance is mandatory by Federal Law.

Funding for this project was first included in the FY 2000 - 2005 CIP in response to the United States Access Board's regulations for playground accessibility. Since that time, funds have been used to create accessible routes to playgrounds, install accessible site furniture, and improve accessible pathways and parking in parks. The City completed the Citywide Parks Improvement Plan and the Neighborhood Parks Improvement Plan. Recommendations for ADA improvements in these plans were used to prioritize FY 2023 - 2025 projects. However, due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Park and Open Space Facilities Prioritization Analysis (2012); Recommended as a priority by the Alexandria Commission for Persons with Disabilities; Citywide Park Improvements Plan (2014); Neighborhood Parks Improvement Plan (2016); Pocket Parks Improvement Plan (2020); Recreation, Parks and Cultural Activities Strategic Plan (2018-2023)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## ADA Requirements (continued)

## ADA Requirements FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
48 South Early Street Park Access Improvements	\$11,000
1301 Powhatan Crosswalk	\$7,000
Hillside Park Access Improvements	\$3,000
Elbert Triangle Access Improvements	\$1,500
Sunset Mini Park Access Improvements	\$11,000
Emergency Repairs	\$12,800
<b>Total Fiscal Year 2023</b>	<b>\$46,300</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Powhatan Park Access Improvements	\$34,000
Stevenson Park Access Improvements	\$43,000
5 Braddock Road Walking Path	\$23,400
Emergency Repairs	\$9,000
<b>Total Fiscal Year 2024</b>	<b>\$109,400</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Beach Park Access Improvements	\$30,000
Chinquapin Park Access Improvements	\$68,000
Emergency Repairs	\$11,400
<b>Total Fiscal Year 2025</b>	<b>\$109,400</b>

## ARMISTEAD BOOTHE PARK TRAIL SURFACE CONVERSION

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	PROJECT CATEGORY:	1
		ESTIMATE USEFUL LIFE:	Varies

Armistead Boothe Park Trail Surface Conversion													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	226,000	-	-	-	226,000	-	-	-	-	-	-	-	226,000
Financing Plan													
GO Bonds	226,000	-	-	-	226,000	-	-	-	-	-	-	-	226,000
Financing Plan Total	226,000	-	-	-	226,000	-	-	-	-	-	-	-	226,000

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will design a new permeable hard surface trail in Armistead L. Boothe Park. In 2021, the City conducted community engagement to create a renovation plan for the diamond field at Armistead L. Boothe Park. The project will include a new mulch trail on the south and west side of the renovated field. In order to align with the proposed bicycle network plans along Backlick Run, this project proposes to convert the mulch trail to a pervious hard surface material. The trail is 800 feet long and the width will comply with the MUTCD standards for multi-use trails.

This project will implement a recommendation of the City's Pedestrian and Bicycle Master Plan and increase safe connections to the City trail network. This project will improve walkability, encourage healthy lifestyles, and promoting environmental responsibility and ecological awareness through increased opportunities for exposure to outdoor environments and natural resources.

Trails and paths are also deeply valued by the community for recreation. The 2011, 2013, 2015, 2017 and 2019 Parks and Recreation Needs Assessment Survey found that walking and biking trails were the two most important improvements needed for parks, recreation, and cultural amenities in Alexandria.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Pedestrian and Bicycle Master Plan; Armistead L. Boothe Park Field Conversion Plan, GRD2021-00036

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## ATHLETIC FIELD IMPROVEMENTS (INCL. SYNTHETIC TURF)

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	PROJECT CATEGORY:	3
		ESTIMATE USEFUL LIFE:	Varies

Athletic Field Improvements (incl. Synthetic Turf)													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	32,000,112	9,944,512	804,000	16,521,000	1,529,400	16,400	666,900	771,000	18,000	18,500	842,600	867,800	22,055,600
Financing Plan													
Cash Capital	1,798,313	1,798,313	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	29,836,799	7,781,199	804,000	16,521,000	1,529,400	16,400	666,900	771,000	18,000	18,500	842,600	867,800	22,055,600
Prior Capital Funding	165,000	165,000	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	200,000	200,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	32,000,112	9,944,512	804,000	16,521,000	1,529,400	16,400	666,900	771,000	18,000	18,500	842,600	867,800	22,055,600
Operating Impact	120,000	-	-	-	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	120,000

### CHANGES FROM PRIOR YEAR CIP

Funding plan updated to reflect current project schedule and timing. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides funding for the conversion of existing natural turf fields to synthetic turf, the life-cycle replacement of carpets on existing synthetic turf fields, and the renovation of natural athletic fields including re-grading and replacing facilities. Consistent with the Athletic Field Strategy Study approved by City Council in 2009, this project addresses the community need to increase the number of playfields for the growing active youth and adult populations. Funding in FY2023 will implement lighting at two existing synthetic turf fields. Synthetic turf life-cycle replacement is planned for both rectangular fields in FY2024. Additionally in FY 2024, funding is included to reconstruct the two natural turf diamond fields at Eugene Simpson Stadium Park (including regrading, a new irrigation system, and replacement of ancillary facilities, like the bleachers, press box, dugouts, and storage structure) per the 2014 Citywide Parks Improvements Plan and community engagement in 2021 and 2022. The design phase for this project is funded through previous years' appropriations and began in FY 2022. Funding is included in FY2025 to complete a natural turf renovation project at Four Mile Run Park rectangular field.

A fields study was completed in 2009 to identify future projects. Subsequently, in 2012, the Youth Sports Advisory Board provided input through a workshop to help prioritize field projects. Concept plans for the fields at Joseph Hensley Park, Four Mile Run Park, Eugene Simpson Stadium Park, Ben Brenman Park, and Chinquapin Park were adopted in 2014 through the Citywide Parks Improvement Plan. An implementation plan update of the Athletic Field Master Plan is in progress was completed in 2021. A project to convert Armistead L. Boothe Field to synthetic turf is currently in design. This project resulted from the delay in the completion of the Patrick Henry Project and providing swing space for the modernization of Douglas MacArthur Elementary School. Patrick Henry is anticipated to be complete in the winter of calendar year 2023. This project was delayed nine months due to the effects of the City response to the COVID-19 pandemic.

Design and engineering will be completed for individual projects as needed within the project's fiscal year. Synthetic field conversions improve the quality of the natural environment by reducing the amount of chemicals and petroleum needed for field maintenance and reducing emissions. Synthetic turf fields create year-round playing surfaces that increase the window of potential field rentals from eight to twelve months a year, reduce environmental impacts, and lower operating costs. Athletic field renovations support the well-being of children, youth and families by providing safe and reliable play spaces that promote active lifestyles.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Youth Sports Advisory Board Fields Exercise (2012); Field Report Update - Diamond Fields Study (2015); Athletic Field Strategy Study (2009); Strategic Master Plan for Open Space, Parks and Recreation (2003, Updated 2017)); Citywide Parks Improvements Plan (2014); Neighborhood Parks Improvements Plan (2016)

### ADDITIONAL OPERATING IMPACTS

Maintenance costs anticipated for Simpson Park rectangular fields renovations.

## Athletic Field Improvements (Incl. Synthetic Turf) (continued)

## Athletic Field Improvements (Incl. Synthetic Turf) FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
Francis C. Hammond Athletic Field Lights	\$402,000
George Washington Middle School Athletic Field Lights	\$402,000
<b>Total Fiscal Year 2023</b>	<b>\$804,000</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Simpson Park Renovation	\$16,521,000
<b>Total Fiscal Year 2024</b>	<b>\$16,521,000</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Witter Recreational Fields Synthetic Turf Replacement	\$1,252,000
Stevenson Park Field Turf Renovation	\$103,300
Four Mile Run Park Rectangular Field Turf Renovation	\$106,100
Luckett Field Renovation Design	\$68,000
<b>Total Fiscal Year 2025</b>	<b>\$1,529,400</b>

## BALL COURT RENOVATIONS

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	PROJECT CATEGORY:	1
		ESTIMATE USEFUL LIFE:	Varies

Ball Court Renovations													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	4,474,013	2,559,813	309,200	164,100	169,000	-	194,200	203,000	209,100	215,300	221,800	228,500	1,914,200
Financing Plan													
Cash Capital	1,053,500	1,053,500	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	150,000	150,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	3,270,513	1,356,313	309,200	164,100	169,000	-	194,200	203,000	209,100	215,300	221,800	228,500	1,914,200
Financing Plan Total	4,474,013	2,559,813	309,200	164,100	169,000	-	194,200	203,000	209,100	215,300	221,800	228,500	1,914,200
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Majority of funding previously budgeted to project in FY 2026 moved up to FY 2023. Funding added to FY2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The City is responsible for the upkeep of 51 public tennis, multi-purpose, and basketball courts throughout Alexandria. These courts are heavily used by residents for general play, classes, programs, and special events. In addition, courts throughout the City are used by Alexandria City Public Schools (ACPS) and rented by neighborhood private schools. Courts are maintained and renovated on a regular schedule. Renovations include patching or replacing surfaces, drainage work, fencing, grading, light repair/replacement and color coating. In 2011, an engineering analysis of structural and component lighting systems of ball field, tennis, and sport field light poles was performed and provided priorities for their replacement and repair. A prioritized list of projects is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change. Projects within Ball Court Renovations are at various stages of planning and design. Full engineering, where required, is scheduled for projects in their respective fiscal year.

This project will enhance recreational courts, thereby supporting healthy lifestyles. Annual maintenance funding also enhances the level of service currently provided to the public, while maintaining the value of the City's capital infrastructure.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Court Assessment (2011), Engineering Analysis for Ball Field, Tennis and Sport Field Light Poles (2011), Parks and Recreation Needs Assessment (2011, 2013, 2015, 2017 and 2019); Citywide Parks Improvements Plan (2014); Neighborhood Parks Improvement Plans (2016); Complies with the Eco-City Charter - Energy Conservation Principal (2008); Recreation, Parks and Cultural Activities Strategic Plan (2018-2023)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## Ball Court Renovations (continued)

## Ball Court Renovations FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
Lee Center Basketball Court Lighting Replacement	\$100,000
Lee Center Tennis Court Renovation	\$24,000
Lee Center Basketball Court Surface Repairs	\$20,000
Minnie Howard Basketball Court Lights	\$150,000
Emergency Repairs	\$15,200
<b>Total Fiscal Year 2023</b>	<b>\$309,200</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Potomac Yard Park Tennis Courts Repairs	\$40,000
Montgomery Park Tennis Court Renovation	\$50,000
Chambliss Park Tennis Court Renovation	\$40,000
Angel Park Basketball Court Renovation	\$20,000
Emergency Repairs	\$14,100
<b>Total Fiscal Year 2024</b>	<b>\$164,100</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Potomac Yard Park Basketball Court Repairs	\$40,000
Simpson Park Basketball Court Lights	\$110,000
Stevenson Park Basketball Court Repairs	\$10,000
Angel Park Basketball Court Repairs	\$4,000
Emergency Repairs	\$5,000
<b>Total Fiscal Year 2025</b>	<b>\$169,000</b>

## CAMERON RUN REGIONAL PARK FEASIBILITY STUDY

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Seminary Hill
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Seminary Hill
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	PROJECT CATEGORY:	3
		ESTIMATE USEFUL LIFE:	Varies

Cameron Run Regional Park Feasibility Study													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	291,800	-	-	-	291,800	-	-	-	-	-	-	-	291,800
Financing Plan													
Cash Capital	291,800	-	-	-	291,800	-	-	-	-	-	-	-	291,800
Financing Plan Total	291,800	-	-	-	291,800	-	-	-	-	-	-	-	291,800
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding amount increased slightly to reflect current estimates.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will provide funding for a future feasibility study of Cameron Run Regional Park in advance of the expiring lease agreement between the City of Alexandria and Northern Virginia Regional Park Authority (NOVA Parks). A consultant will facilitate a community-driven public planning process to reevaluate conceptual plans developed in the 2017 Park Planning and Conceptual Design for the Cameron Run Regional Park, located at 4001 Eisenhower Ave. The 2025 plan will consider changes in the community since 2017 and potential impacts to surrounding open spaces, including Hensley Park, located at 4200 Eisenhower Ave. The 2017 feasibility study identified a range of options from a conversion to a full natural site to a multi-use active recreation park with aquatic facility. Costs to implement the 2017 options ranged from \$1.7 million to \$26.0 million.

The project will provide updated conceptual plans, a park management plan and implementation strategies beginning in 2029. The current license agreement between the City of Alexandria and NOVA Parks, with approved extension, expires on December 31, 2028 with an option to extend beyond that time, if progress toward initial goals has been made.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Cameron Run Park Planning and Conceptual Design (2017); City Council Action (October 2018); Citywide Parks Improvements Plan (2014)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time. Potential operating costs and capital investment in FY 2029.

## COMMUNITY MATCHING FUND

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	PROJECT CATEGORY:	3
		ESTIMATE USEFUL LIFE:	Varies

Community Matching Fund													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,614,857	914,857	100,000	-	-	-	200,000	-	200,000	-	200,000	-	700,000
Financing Plan													
Cash Capital	779,498	429,498	50,000	-	-	-	100,000	-	100,000	-	100,000	-	350,000
GO Bonds	47,618	47,618	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	787,741	437,741	50,000	-	-	-	100,000	-	100,000	-	100,000	-	350,000
Financing Plan Total	1,614,857	914,857	100,000	-	-	-	200,000	-	200,000	-	200,000	-	700,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects.

### PROJECT DESCRIPTION & JUSTIFICATION

Implemented in FY 2017, the Community Matching Fund promotes collaborative partnerships among Alexandria community organizations by providing matching dollars for groups that propose fundraising for park improvement projects. The Fund is designed to foster public/private partnerships and cultivate innovative ways for residents to have a greater stake in improving the park and recreation facilities that they use. These partnerships also provide opportunities for developing positive relationships between the City and the community. Community groups interested in receiving matching funds will compete for grant aid amounts up to \$50,000

Any community group that lives and/or works in the City of Alexandria can apply for the matching fund. The City evaluates each community group proposal based on how the project fulfills a public need as measured by the Department's needs assessment, park plans, and community feedback. Proposals that also take into account operating costs once the capital project is complete will receive greater consideration for funding. Community groups must show that they can raise their matching funds within one fiscal year. The Park and Recreation Commission approves the projects at the conclusion of the application process.

Since the fund's inception in 2017, 21 projects have been awarded, 17 of which are complete. Some examples include, ballfield improvements, updating a teen center, converting a basketball/tennis court to a futsal court, retrofitting a playground to include tactile walls for therapeutic recreation programs, and signs describing bird habitats written by children in local environmental science classes.

This project is supported by the 2017 and 2019 Needs Assessment. In 2019, 53% of needs assessment respondents conveyed a need for community and volunteer projects, the third highest programmatic need on the survey (out of 35 options). Of those respondents, 66% said their need is currently not being met. This growing program can help meet this community need.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

PARKnership Policy (2015); Open Space Master Plan (2003, Updated 2017); Park and Recreation Needs Assessment (2015 and 2019); Recreation, Parks and Cultural Activities Strategic Plan (2018-2023)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## DORA KELLY FAIR-WEATHER CROSSING REPLACEMENT WITH BRIDGE

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	PROJECT CATEGORY:	3
		ESTIMATE USEFUL LIFE:	Varies

Dora Kelly Fair-Weather Crossing Replacement with Bridge													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriation(s )	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	595,000	-	-	-	595,000	-	-	-	-	-	-	-	595,000
Financing Plan													
GO Bonds	595,000	-	-	-	595,000	-	-	-	-	-	-	-	595,000
Financing Plan Total	595,000	-	-	-	595,000	-	-	-	-	-	-	-	595,000

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will replace the current fair-weather crossing in Dora Kelly Park. The project will include studies to evaluate re-construction and may recommend a new alignment or other design alternatives. The project will include full design in FY 2023-FY2024. The City has requested NVTa 70% grant funding for executing the project in FY 2026. Determination on receipt of those grant funds are expected in Spring 2022, before design commences. If grant funding is received, the funding will be added in a future budget cycle and design will proceed in FY 2023 as planned.

Trails are consistently identified as the highest rated need for Alexandria residents in the Park and Recreation Community Needs Assessments. Trails support community well-being by providing opportunities for physical activity and enjoyment of the outdoors. Off-street trails connect the City's neighborhoods and provide safe routes for walking and biking, away from vehicular traffic. Results of the Park and Recreation Needs Assessments indicate a strong desire to improve and expand the City's existing trail network. The 2019 Needs Assessment results indicate that 91% of Alexandrians need walking trails and 66% need biking trails. Restoration of trail infrastructure supports this need.

The Holmes Run Stream originates in Fairfax County and traverses the City of Alexandria for approximately six miles before joining Cameron Run. Approximately eight miles of pedestrian and biking trails are located along the stream channel, connecting the community and commuters to an important north – south route in the West End of Alexandria. This heavily used trail also provides public access to the City's natural areas along Holmes Run, that otherwise would not be possible without a formalized trail. The 2019 Needs Assessment results indicate that 85% of Alexandrians think that it is 'Very Important' to provide natural spaces that offer physical and mental health benefits.

Flood events are a frequent occurrence in Holmes Run. The most recent one occurred on July 8, 2019. This event washed away hard and soft trails from Dora Kelley Park to North Morgan Street and caused significant erosion of the stream bank. The magnitude of damage was significant, that current funding levels in the CFMP accounts are not sufficient to address re-construction to better protect the trail from future flood events.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Parks and Recreation Needs Assessment (2011, 2013, 2015, 2017 and 2019); Open Space Master Plan (2003, Updated 2017); Recreation, Parks and Cultural Activities Strategic Plan (2018-2023);

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## FOUR MILE RUN PARK BRIDGE REPLACEMENT

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	PROJECT CATEGORY:	3
		ESTIMATE USEFUL LIFE:	

Four Mile Run Park Bridge Replacement													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriation	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,293,800	-	1,293,800	-	-	-	-	-	-	-	-	-	1,293,800
Financing Plan													
GO Bonds	1,293,800	-	1,293,800	-	-	-	-	-	-	-	-	-	1,293,800
Financing Plan Total	1,293,800	-	1,293,800	-	-	-	-	-	-	-	-	-	1,293,800

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will replace the currently closed bike and pedestrian bridge connecting the Four Mile Run Park parking area at Commonwealth Avenue with the main portion of the park west to Mount Vernon Avenue. This bridge serves as an integral connection for park users and commuters between the City of Alexandria, Arlington County and points north and south using the Mount Vernon Trail.

Following a structural inspection in summer 2021, the park pedestrian and bicycle bridge was closed for all use on August 12, 2021. Design services are in process and will be completed by summer FY 2023. Bridge replacement anticipated in late fall FY 2023.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Parks and Recreation Needs Assessment (2011, 2013, 2015, 2017 and 2019); Open Space Master Plan (2003, Updated 2017); Recreation, Parks and Cultural Activities Strategic Plan (2018-2023);

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts are anticipated.

## FOUR MILE RUN PARK

DOCUMENT SUBSECTION: Park Maintenance &amp; Improvements

PROJECT LOCATION: 3700 Commonwealth Avenue

MANAGING DEPARTMENT: Department of Recreation, Parks, and Cultural Activities

REPORTING AREA: Potomac West

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts, Culture &amp; Recreation

PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: Varies

Four Mile Run Park													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriation	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	17,361,000	-	-	-	-	1,266,900	605,000	15,489,100	-	-	-	-	17,361,000
Financing Plan													
GO Bonds	17,361,000	-	-	-	-	1,266,900	605,000	15,489,100	-	-	-	-	17,361,000
Financing Plan Total	17,361,000	-	-	-	-	1,266,900	605,000	15,489,100	-	-	-	-	17,361,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects.

### PROJECT DESCRIPTION & JUSTIFICATION

Four Mile Run Park is one of the City's six citywide, multi-use parks. In 2014, the Citywide Parks Improvements Plan was completed, and endorsed by the Park and Recreation Commission. The plan provides a conceptual framework and recommendations on how to amend the Four Mile Run Park to meet the needs of the community. Several recommendations of the plan have already been addressed through other Capital Improvement Projects and community partnerships, including the new pedestrian bridge north of the softball field, the relocated playground and the new Dale Street Community Gardens.

This project will address a number of recommendations from the 2014 plan including the field renovations of Frank Mann Field and Field #2, parking improvements, storage improvements, restroom upgrades and landscaping. Design is planned in FY 2026 with construction in FY 2028.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Parks and Recreation Needs Assessment (2011, 2013, 2015, 2017 and 2019); Four Mile Run Master Plan and Design Guidelines (2006); Open Space Master Plan (2003, Updated 2017); Recreation, Parks and Cultural Activities Strategic Plan (2018-2023); Eco-City Environmental Action Plan - Land Use Chapter (2009); Citywide Parks Improvements Plan (2014)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## HOLMES RUN TRAIL REPAIRS

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Various
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Alexandria West and Seminary Hill
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	PROJECT CATEGORY:	2
		ESTIMATE USEFUL LIFE:	Varies

Holmes Run Trail Repairs													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriation	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	7,226,017	6,026,017	1,200,000	-	-	-	-	-	-	-	-	-	1,200,000
Financing Plan													
Cash Capital	26,017	26,017	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	5,000,000	5,000,000	-	-	-	-	-	-	-	-	-	-	-
Use of CIP Designated Fund Balance	2,200,000	1,000,000	1,200,000	-	-	-	-	-	-	-	-	-	1,200,000
Financing Plan Total	7,226,017	6,026,017	1,200,000	-	-	-	-	-	-	-	-	-	1,200,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added to FY 2023 to execute needed repairs/replacements.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will provide for the design and repair of four sections of the Holmes Run Pedestrian and Bike Trail damaged as a result of fall 2018 and July 8, 2019 heavy rains and flash flooding from the opening of the Barcroft Dam in Fairfax County, VA. The four sections of damage trail include:

- Replacement of trail and streambank restoration north of North Morgan Street and west of Beauregard (Dora Kelley Park);
- Replacement of Trail Bridge east of Beauregard Street and west of I-395 (Holmes Run Scenic Greenway);
- Repair trail ramp and embankment to the stream crossing at Ripley Street (Holmes Run Scenic Greenway); and,
- Replacement of trail bridge and support structure (abutment) at 4600 Duke Street (Holmes Run Scenic Greenway).

Due to continued high water events, degradation of the above trail portions will continue until repair and replacement activities are implemented.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Parks and Recreation Needs Assessment (2011, 2013, 2015, 2017 and 2019); Open Space Master Plan (2003, Updated 2017); Recreation, Parks and Cultural Activities Strategic Plan (2018-2023); Citywide Parks Improvements Plan (2014);

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## PARK RENOVATIONS CFMP

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	PROJECT CATEGORY:	1
		ESTIMATE USEFUL LIFE:	Varies

Park Renovations CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	9,854,967	6,231,567	304,500	249,400	199,500	-	450,000	450,000	450,000	450,000	450,000	620,000	3,623,400
Financing Plan													
Cash Capital	3,868,067	3,063,567	4,500	100,000	100,000	-	100,000	100,000	100,000	100,000	100,000	100,000	804,500
GO Bond Interest Earnings	420,000	420,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	5,549,900	2,731,000	300,000	149,400	99,500	-	350,000	350,000	350,000	350,000	350,000	520,000	2,818,900
Private Capital Contributions	17,000	17,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	9,854,967	6,231,567	304,500	249,400	199,500	-	450,000	450,000	450,000	450,000	450,000	620,000	3,623,400
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides an annual funding stream to address the capital maintenance and renovation needs at the City's park facilities, except the Waterfront Parks, which are covered by a separate CFMP. The list of FY 2023 - 2025 projects was determined through: an evaluation and analysis of the 2011, 2013, 2015, 2017, and 2019 Alexandria Park and Recreation Needs Assessments; current facility conditions as evaluated in the 2011 Park Inventory; 2014 Citywide Parks Improvement Plan; 2016 Neighborhood Parks Improvement Plan; and anticipated impact of upcoming adjacent development projects. The 2019 Parks and Recreation Needs Assessment Survey indicated 90% of Alexandrians indicated that it is "very important" to "provide safe, inviting, and vibrant spaces" and 86% indicate that it is "very important" to "manage and conserve our open space."

A percentage of the total budget for each year is reserved for emergency repair/replacement of park facilities. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list of projects is subject to change.

This project ensures Alexandria's open space and recreational amenities are safe for the public, allowing increased opportunity for healthy lifestyles. Annual maintenance funding also enhances the level of service currently provided to the public, while maintaining the value of the City's capital infrastructure.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Parks and Recreation Needs Assessment (2011, 2013, 2015, 2017 and 2019); Open Space Master Plan (2003, Updated 2017); Recreation, Parks and Cultural Activities Strategic Plan (2018-2023); Dog Parks Master Plan (2000/2011); Citywide Parks Improvements Plan (2014); Neighborhood Parks Improvements Plan (2016)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## Park Renovations CFMP (continued)

## Park Renovations FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
Powhatan Park Improvements	\$300,000
Emergency Projects	\$4,500
<b>Total Fiscal Year 2023</b>	<b>\$304,500</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Ewald Park Improvements	\$112,000
Beach Park Power	\$23,000
Gentry Park Improvements	\$21,000
St. Asaph Street Drainage Improvements	\$34,000
Ben Brenman Solar Light Replacements	\$9,000
Emergency Projects	\$50,400
<b>Total Fiscal Year 2024</b>	<b>\$249,400</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Montgomery Park Renovation Design	\$104,000
Charles Hill Park Drainage Improvements	\$15,000
Park Sign Replacements	\$15,000
Emergency Projects	\$65,500
<b>Total Fiscal Year 2025</b>	<b>\$199,500</b>

## PATRICK HENRY SYNTHETIC TURF FIELD AND OUTDOOR PLAY FEATURES

DOCUMENT SUBSECTION: Park Maintenance & Improvements  
 MANAGING DEPARTMENT: Department of Recreation, Parks, and Cultural Activities

PROJECT LOCATION: 4653 Taney Avenue

REPORTING AREA: Seminary Hill

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts, Culture & Recreation

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: 6 - 10 Years

Patrick Henry Turf Fields and Recreation Center													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	2,600,000	-	1,000,000	1,600,000	-	-	-	-	-	-	-	-	2,600,000
Financing Plan													
GO Bonds	2,600,000	-	1,000,000	1,600,000	-	-	-	-	-	-	-	-	2,600,000
Financing Plan Total	2,600,000	-	1,000,000	1,600,000	-	-	-	-	-	-	-	-	2,600,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding amount increased to reflect current estimates.

### PROJECT DESCRIPTION & JUSTIFICATION

The Patrick Henry School, Recreation Center and Outdoor Space Plan includes space for a large athletic field. This project funds one full size synthetic turf rectangular field with diamond field overlay to replace two natural grass rectangular and diamond fields being displaced as a part of school construction at the Patrick Henry site. The single synthetic field is intended to meet demand for field use upon completion of the new Patrick Henry Recreation Center and K-8 school. Synthetic turf fields create year-round playing surfaces that increase the window of use from eight to twelve months a year, reduce environmental impacts, and lower operating costs. Athletic field renovations support the well-being of children, youth and families by providing safe and reliable play spaces that promote active lifestyles. Athletic field lights are not included in this project but may be introduced at a later date through community engagement and City Council approval. Furthermore, a school Pre-K playground is anticipated to be delivered with the improvements in FY2023.

In April 2019, the Alexandria Schoolboard approved the delay in the completion of the final site plans for the new Patrick Henry K-8 School & Recreation Center by not demolishing the former Patrick Henry building and keeping it in place as swing space for the Douglas MacArthur Elementary School. The swing space will remain in place through January 2023 until such time as the new Douglas MacArthur Elementary School will reopen to students allowing for the demolition and final site work (expanded parking lot, synthetic turf rectangular field, and landscaping) anticipated to be completed in the winter of 2023 (FY 2024).

The Planning Commission approved the use of the old Patrick Henry facility as swing space for Douglas MacArthur on November 7, 2019 and City Council approval was received on November 16, 2019.

Phase I of the project was completed in 2019 and included one intermediate age playground, a basketball court, site fitness equipment and a dedicated recreation center tot lot.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Development Special Use Permit (DSUP) 2016-00009, Patrick Henry Site Specific Program Document, February 9, 2016.

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## PAVEMENT IN PARKS

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	PROJECT CATEGORY:	1
		ESTIMATE USEFUL LIFE:	16 - 20 Years

Pavement in Parks													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	3,088,200	950,000	275,000	61,800	21,300	85,300	275,000	275,000	275,000	275,000	275,000	319,800	2,138,200
Financing Plan													
Cash Capital	62,000	62,000	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	200,000	200,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	2,826,200	688,000	275,000	61,800	21,300	85,300	275,000	275,000	275,000	275,000	275,000	319,800	2,138,200
Financing Plan Total	3,088,200	950,000	275,000	61,800	21,300	85,300	275,000	275,000	275,000	275,000	275,000	319,800	2,138,200
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced in fiscal years 2024 – 2026 to accommodate funding restriction and increased needs in other projects. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The City maintains roads and parking lots at various sites in the park system. This project addresses maintenance of pavement in parks, as well as the reconstruction of sections that have exceeded their useful life. City staff has currently identified 22 park facilities with roads, parking lots or asphalt surfaces that require maintenance. These sites were assessed in 2019 as part of the Citywide pavement condition assessment conducted through Transportation and Environmental Services. The assessment creates a pavement condition index score, which is used to prioritize projects. The Citywide Parks Improvements Plan, Neighborhood Parks Improvements Plan and the 2019 pavement condition assessment were used to prioritize projects for FY 2023 – FY 2025. Based on the results of the spring 2022 pavement condition assessment and the possibility of unexpected or emergency repairs, the list of projects is subject to change.

The City's goal is to achieve a Fair rating, per the pavement condition index, at all park sites by 2025 and a Satisfactory rating at all park sites by 2030.

Annual maintenance funding enhances the level of service currently provided to the public, while maintaining the value of the City's capital infrastructure.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Parks and Recreation Needs Assessment (2011, 2013, 2015, 2017 and 2019); Recreation, Parks and Cultural Activities Strategic Plan (2018-2023); Citywide Parks Improvements Plan (2014); Neighborhood Parks Improvement Plan (2016); FY2019 Pavement Condition Assessment

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Pavement in Parks (continued)

## Pavement in Parks FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
Eugene Simpson Stadium Park Parking Lot Renovation	\$225,000
Emergency Repairs	\$50,000
<b>Total Fiscal Year 2023</b>	<b>\$275,000</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Armistead L. Boothe Parking Lot Repairs	\$42,000
Emergency Repairs	\$19,800
<b>Total Fiscal Year 2024</b>	<b>\$61,800</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Emergency Repairs	\$21,300
<b>Total Fiscal Year 2025</b>	<b>\$21,300</b>

## PLAYGROUND RENOVATIONS CFMP

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	PROJECT CATEGORY:	1
		ESTIMATE USEFUL LIFE:	Varies

Playground Renovations CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	17,522,205	7,913,705	866,100	160,900	495,400	421,400	2,019,900	1,408,400	1,012,600	1,043,000	1,074,300	1,106,500	9,608,500
Financing Plan													
Cash Capital	3,806,629	3,806,629	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	574,813	574,813	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	12,940,763	3,332,263	866,100	160,900	495,400	421,400	2,019,900	1,408,400	1,012,600	1,043,000	1,074,300	1,106,500	9,608,500
State/Federal Grants	200,000	200,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	17,522,205	7,913,705	866,100	160,900	495,400	421,400	2,019,900	1,408,400	1,012,600	1,043,000	1,074,300	1,106,500	9,608,500
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Funding added to FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The annual budget for playground renovations includes funding to ensure that the equipment and surface area of each of the 42 play areas in public parks are consistent with Consumer Products Safety Commission standards and to continue systematic replacement of park amenities (e.g. benches, water fountains, picnic tables) related to playground areas. Funds may also be allocated to projects that will enhance play and youth fitness in parks and may include unstructured play and natural play. Projects planned in FY 2023 – 2025 are included on the next page. Five percent (5%) of each year's funding is reserved for citywide emergency playground repairs. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change.

This project supports healthy lifestyles and addresses obesity and overall well-being in toddlers, preschoolers, and school age youth. Improving playgrounds provides safe play environments that enhance the well-being of children, youth and families. Annual maintenance funding also enhances the level of service currently provided to the public and maintains the City's capital infrastructure in a state of good repair.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Recreation, Parks and Cultural Activities Strategic Plan (2018-2023); Parks and Recreation Needs Assessment (2011, 2013, 2015, 2017, and 2019); Alexandria Play Space Assessment by the Partnership for a Healthier Alexandria and the Alexandria Health Department (2012); Alexandria Playspace Policy (2013); Citywide Parks Improvements Plan (2014); Neighborhood Parks Improvements Plan (2016); Pocket Parks Improvements Plan (2020)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Playground Renovations CFMP (continued)

## Playground Renovations CFMP FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
Ewald Park Playground Renovation	\$833,920
Emergency Repairs	\$32,180
<b>Total Fiscal Year 2023</b>	<b>\$866,100</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Safety Surface Replacement Projects	\$128,720
Emergency Repairs	\$32,180
<b>Total Fiscal Year 2024</b>	<b>\$160,900</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Montgomery Park Playground Design	\$191,000
Pocket Park Playground Improvements	\$132,200
Neighborhood Park Playground Improvements	\$132,200
Emergency Repairs	\$40,000
<b>Total Fiscal Year 2025</b>	<b>\$495,400</b>

## RESTROOM RENOVATIONS

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	PROJECT CATEGORY:	2
		ESTIMATE USEFUL LIFE:	30+ Years

Restroom Renovations													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	2,898,300	1,110,000	790,800	123,600	-	32,800	33,800	34,800	-	602,800	-	169,700	1,788,300
Financing Plan													
Cash Capital	92,000	92,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	2,806,300	1,018,000	790,800	123,600	-	32,800	33,800	34,800	-	602,800	-	169,700	1,788,300
Financing Plan Total	2,898,300	1,110,000	790,800	123,600	-	32,800	33,800	34,800	-	602,800	-	169,700	1,788,300
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding plan updated to reflect current project schedule and timing. Funding reduced to accommodate funding restriction and increased needs in other projects.

### PROJECT DESCRIPTION & JUSTIFICATION

The City provides restroom facilities in the park system for the benefit of park users. The condition of these restrooms throughout the City is a priority for park users. This project funds the site work, renovation and installation of site specific restrooms to replace existing restroom facilities in multiple parks. The restrooms will be ADA compliant and will reduce long term maintenance requirements of existing facilities. The new facilities will be energy efficient and include green building materials and/or technologies. The work may also include replacement or upgrades to existing plumbing, electrical and sanitary lines, and new vandal resistant fixtures and interiors.

Funding is included in FY2023 to design and construct a restroom at the Del Ray Gateway Interactive Fountain. In FY 2024, this project will convert the existing restroom at Armistead L. Boothe Park to a four-season facility.

This project was identified through community input received through the development of the Neighborhood Parks Improvements Plan and other community feedback sessions. The renovated facilities will address the initiatives to provide energy savings and water use reductions. Renovations will address the initiative to improve youth recreation and athletic field capacity.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Youth Sports Advisory Board Fields Exercise (2012); Neighborhood Parks Improvements Plan (2016)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## SHARED-USE PATHS

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks and Cultural Activities	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	PROJECT CATEGORY:	1
		ESTIMATE USEFUL LIFE:	30+ Years

Shared-Use Paths													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,541,357	941,357	150,000	-	-	150,000	-	-	150,000	-	150,000	-	600,000
Financing Plan													
Cash Capital	1,146,000	546,000	150,000	-	-	150,000	-	-	150,000	-	150,000	-	600,000
GO Bonds	395,357	395,357	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	1,541,357	941,357	150,000	-	-	150,000	-	-	150,000	-	150,000	-	600,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects.

### PROJECT DESCRIPTION & JUSTIFICATION

Shared-use paths are a critical component of the City's pedestrian and bicycle network. Shared-use paths provide a safe, comfortable option for people to travel using sustainable modes of transportation. Shared-use paths also provide pedestrian and bicycle connections throughout the City, improving walkability and encouraging healthy lifestyles, and promoting environmental responsibility and ecological awareness through increased opportunities for exposure to outdoor environments and natural resources. Shared-use paths are also deeply valued by the community for recreation. The 2011, 2013, 2015, 2017 and 2019 Parks and Recreation Needs Assessment Survey found that walking and biking trails were the two most important improvements needed for parks, recreation, and cultural amenities in Alexandria.

Funding is provided for the reconstruction, repaving, or other maintenance needs of existing paths, and implementation of new paths in conjunction with larger capital projects. Projects may also include enhancements for safety and collection of data along existing paths. Annual maintenance funding enhances the level of service currently provided to the public, while maintaining the value of the City's capital infrastructure.

In 2019, the City performed a pavement condition analysis of all hard-surface trails in the City network to identify priority locations for maintenance and repairs. Based on these results, maintenance is expected to take place for select segments of Holmes Run Trail, Mount Vernon Trail, Eisenhower Trail, and Mount Jefferson Trail in FY 2023. An updated pavement condition index is expected in 2022, which may further inform maintenance priorities.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

2019 Pavement Condition Index; Consistent with the T&ES Strategic Plan; Pedestrian and Bicycle Master Plan, Four Mile Run Implementation Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## SOFT SURFACE TRAILS

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	PROJECT CATEGORY:	1
		ESTIMATE USEFUL LIFE:	Varies

Soft Surface Trails													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	2,223,687	1,510,687	12,000	86,500	41,500	-	130,000	130,000	-	130,000	-	183,000	713,000
Financing Plan													
Cash Capital	1,147,332	1,147,332	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	120,000	120,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	896,700	183,700	12,000	86,500	41,500	-	130,000	130,000	-	130,000	-	183,000	713,000
Other City Sources	360	360	-	-	-	-	-	-	-	-	-	-	-
Prior Capital Funding	59,295	59,295	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	2,223,687	1,510,687	12,000	86,500	41,500	-	130,000	130,000	-	130,000	-	183,000	713,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

Annual funding for this project provides for construction and improvements to the soft surface parks trail/path system in the City. In the 2013, 2015, 2017, and 2019 Park and Recreation Needs Assessments, residents overwhelmingly responded that improving and developing trails was their number one need in parks. This project responds to their need by ensuring that the trail system is maintained at a high level of service and provides outdoor walking opportunities. Many of the projects are recommendations in the Citywide Parks Improvement Plan and the Neighborhood Parks Improvement Plan.

The trails provide pedestrian and bicycle connections throughout the City, encouraging healthy lifestyles, and promoting environmental responsibility and ecological awareness through increased exposure to outdoor environments and natural resources. Annual maintenance funding also enhances the level of service currently provided to the public, while maintaining the City's capital infrastructure in a state of good repair. The projects listed are planned for FY 2023 – 2025. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, projects are subject to change.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Parks and Recreation Needs Assessment (2011, 2013, 2015, 2017 and 2019); Four Mile Run Master Plan and Design Guidelines (2006); Open Space Master Plan (2003, Updated 2017); Recreation, Parks and Cultural Activities Strategic Plan (2018-2023); Eco-City Environmental Action Plan - Land Use Chapter (2009); Citywide Parks Improvements Plan (2014); Neighborhood Parks Improvements Plan (2016)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Soft Surface Trails (continued)

## Soft Surface Trails FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
Emergency Repairs	\$12,000
<b>Total Fiscal Year 2023</b>	<b>\$12,000</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Flexipave Installation Repairs	\$55,000
Goat Hill Park Nature Trail	\$18,000
Emergency Repairs	\$13,500
<b>Total Fiscal Year 2024</b>	<b>\$86,500</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Dora Kelley Flexipave Repairs	\$30,000
Emergency Repairs	\$11,500
<b>Total Fiscal Year 2025</b>	<b>\$41,500</b>

## TREE & SHRUB CAPITAL MAINTENANCE

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	PROJECT CATEGORY:	1
		ESTIMATE USEFUL LIFE:	Varies

Tree & Shrub Capital Maintenance													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	10,023,185	5,886,485	632,900	356,200	367,000	-	430,000	442,700	456,000	469,800	483,800	498,300	4,136,700
Financing Plan													
Cash Capital	8,377,355	4,240,655	632,900	356,200	367,000	-	430,000	442,700	456,000	469,800	483,800	498,300	4,136,700
GO Bond Interest Earnings	184,988	184,988	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	372,750	372,750	-	-	-	-	-	-	-	-	-	-	-
Other City Sources	51,425	51,425	-	-	-	-	-	-	-	-	-	-	-
Prior Capital Funding	1,021,667	1,021,667	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	10,000	10,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	5,000	5,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	10,023,185	5,886,485	632,900	356,200	367,000	-	430,000	442,700	456,000	469,800	483,800	498,300	4,136,700
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding from FY 2026 moved up to FY 2023. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

Funding is provided to renovate and enhance City horticultural sites, as well as to provide for the annual tree planting and care program for trees on public streets, in City parks, and in open spaces. This project also provides funding to renovate tree wells in City sidewalks. In total, the City maintains over 250 horticultural sites and over 30,000 inventoried trees, which periodically require renovations and enhancements. In September 2009, the City's Urban Forestry Master Plan (UFMP) was approved by City Council. The UFMP (Recommendation 1) includes a goal of 40% tree canopy cover which was suggested by the organization "American Forests" at that time. The UFMP identifies planting trees as an integral part of sustaining and expanding the City's tree canopy (Recommendation 3). The Environmental Action Plan calls for a tree canopy goal of 40% to be reached by 2035. The total CIP program for planting replacement and new trees, and the associated establishment maintenance and irrigation where necessary, supports an average of 428 trees per year for the next three years, based on the current average installed cost per tree (including those requiring establishment maintenance and irrigation). The projects listed are planned for FY 2023 – 2025, but due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, projects are subject to change.

The project is intended to increase the City's tree canopy, which enhances the City's function, livability, and climate resilience by reducing the urban heat island effect, reducing stormwater loads, improving air quality, reducing erosion, and providing aesthetic and public health benefits.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Parks and Recreation Needs Assessment (2011, 2013, 2015 and 2017); Recreation, Parks and Cultural Activities Strategic Plan (2018-2023); Open Space Master Plan (2003, Updated 2017); Eco-City Alexandria Charter - Land Use and Open Space and Air Quality (2008); Urban Forestry Master Plan (2009); Environmental Action Plan Phase I Update - Land Use and Open Space (2018); Environmental Action Plan 2040 (2019)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Tree &amp; Shrub Capital Maintenance (continued)

## Tree &amp; Shrub Capital Maintenance FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
Tree Planting	\$507,900
Tree Well Repairs	\$40,000
Armistead L. Boothe Park Plantings	\$35,000
Hensley Park and Holmes Run Park Invasive Species Removal	\$50,000
<b>Total Fiscal Year 2023</b>	<b>\$632,900</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Tree Planting	\$173,000
Tree Well Repairs	\$40,000
Beach Park Vegetated Swales	\$75,000
Beach Park Plantings	\$10,000
Luckett Field Plantings	\$35,000
Holmes Run Park Invasive Species Removal	\$23,200
<b>Total Fiscal Year 2024</b>	<b>\$356,200</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Tree Planting	\$237,000
Tree Well Repairs	\$40,000
Renovations of Median Landscapes	\$30,000
Hensley Park Invasive Species Management	\$60,000
<b>Total Fiscal Year 2025</b>	<b>\$367,000</b>

## WATER MANAGEMENT & IRRIGATION

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	PROJECT CATEGORY:	1
		ESTIMATE USEFUL LIFE:	Varies

Water Management & Irrigation													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	3,162,350	1,853,250	135,900	140,000	-	140,000	140,000	140,000	140,000	140,000	140,000	193,200	1,309,100
Financing Plan													
Cash Capital	2,780,100	1,471,000	135,900	140,000	-	140,000	140,000	140,000	140,000	140,000	140,000	193,200	1,309,100
GO Bond Interest Earnings	234,369	234,369	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	94,881	94,881	-	-	-	-	-	-	-	-	-	-	-
Sale of Property Revenue	53,000	53,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	3,162,350	1,853,250	135,900	140,000	-	140,000	140,000	140,000	140,000	140,000	140,000	193,200	1,309,100
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project funds the design of efficient water management systems, including the conversion of manual irrigation controllers to automatic (smart irrigation) controllers. Until 2017, most irrigation systems were operated manually without the capability to self-adjust for periods of droughts, power outages, or rainfall. In 2015, the City completed an irrigation audit and data verification collection project. This project provided the information necessary to transition existing irrigation systems to the central control system.

As a result of the completion of this program, the computerized central control system now operates and controls 28 different sites throughout the City. The central control system allows for operation of all the sites from one location through a combination of cellular and radio communication. The system uses a weather station to automatically adjust irrigation schedules due to weather changes and rainfall amounts. The system also monitors water flow and detects leaks in the systems. This project will improve environmentally sensitive maintenance by implementing a central controlled irrigation system to reduce water usage. More efficient irrigation improves the safety and quality of outdoor playing fields and facilities, which enhances the well-being of children, youth and families. Over the next several years, the system will be expanded and upgraded to include additional City of Alexandria green spaces.

The improvements to the existing irrigation infrastructure, if not pursued, could necessitate the abandonment of declining irrigation systems. The projects listed are planned for FY 2023 – 2025 based on the 2015 study, the Citywide Parks Improvements Plan and the Neighborhood Parks Improvement Plan. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, projects are subject to change.

The Department is executing Phase V Maxicon Irrigation Upgrades. This phase includes the integration and upgrade of 13 parks/open areas such as: Simpson Gardens, Windmill Hill Park Dog Park, Linear Trail Park, Lee Center, Urban Deck, Four Mile Frank Mann Ball Field, Founders Park, Chambliss Park, The Conservatory at Four Mile Run, Rivergate Park, and GW Middle School Field 1.

In FY 2023 and FY 2024, upgrades will address general electrical wiring, radio modem surveys, flow meters, VT cabinets, and integration of new systems throughout the parks system.

#### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Youth Sports Advisory Board Field Exercise (2012); Environmental and Sustainability Management System (ESMS) Initiative; Recreation, Parks and Cultural Activities Strategic Plan (2018-2023); Eco-City Charter - Water Resource Conservation (2008); Eco-City Environmental Action Plan - Chapter 4, Goal 3 (2009); Citywide Parks Improvements Plan (2014); Neighborhood Parks Improvement Plan (2015)

#### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Water Management &amp; Irrigation (continued)

## Water Management &amp; Irrigation FY 2023 – FY 2025 Project List.

<b>Fiscal Year 2023</b>	
Description	Amount
Renovate Irrigation System in Lockett Park	\$38,000
Install Irrigation System in Witter Fields Parking Lots and Open Spaces	\$39,150
Standardize Irrigation Systems and Components in Planning District II	\$58,750
<b>Total Fiscal Year 2023</b>	<b>\$135,900</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Standardize Irrigation Systems and Components in Planning District I	\$62,000
Install Irrigation Systems at Recreation Center Entrances	\$33,000
Upgrade Irrigation System at Stevenson Park	\$35,000
Emergency Repairs	\$10,000
<b>Total Fiscal Year 2024</b>	<b>\$140,000</b>

<b>Fiscal Year 2025</b>	
Description	Amount
<b>Total Fiscal Year 2025</b>	<b>\$0</b>

## WATERFRONT PARKS CFMP

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Waterfront District Parks
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Waterfront
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	PROJECT CATEGORY:	1
		ESTIMATE USEFUL LIFE:	Varies

Waterfront Parks CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	921,100	331,000	53,300	54,800	56,500	-	65,800	67,700	69,800	71,900	74,000	76,300	590,100
Financing Plan													
Cash Capital	253,500	205,000	-	48,500	-	-	-	-	-	-	-	-	48,500
GO Bond Interest Earnings	50,000	50,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	617,600	76,000	53,300	6,300	56,500	-	65,800	67,700	69,800	71,900	74,000	76,300	541,600
Financing Plan Total	921,100	331,000	53,300	54,800	56,500	-	65,800	67,700	69,800	71,900	74,000	76,300	590,100
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Funding added to FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides annual funding to address the capital maintenance needs at the City's waterfront park facilities. Projects are determined through an evaluation and analysis of the: 2011, 2013, 2015, 2017 and 2019 Alexandria Park and Recreation Needs Assessments; 2016 Neighborhood Parks Improvement Plan; current facility conditions as evaluated in the 2011 Park Inventory; and anticipated impact of the implementation of Waterfront Small Area Plan as construction documents are developed, governance decisions are made, and operational processes are defined. The project coincides with improvements in other projects including ADA Requirements, Playground CFMP, Soft Surface Trails, Stormwater (Transportation and Environmental Services) and Waterfront Small Area Plan implementation. This project ensures Alexandria's open space and recreational amenities are safe for the public, allowing increased opportunity for healthy lifestyles. Annual maintenance funding also enhances the level of service currently provided to the public, while maintaining the City's capital infrastructure in a state of good repair.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Parks and Recreation Needs Assessment (2011, 2013, 2015, 2017 & 2019); Open Space Master Plan (2003, Updated 2017); Dog Parks Master Plan (2000, Updated 2011); Waterfront Small Area Plan (2012); Landscape & Flood Mitigation Concept Design (2014); Recreation, Parks and Cultural Activities Strategic Plan (2018-2023); Environmental Action Plan Phase I Update (2018); RPCA Natural Resource Management Plan (2019); Neighborhood Parks Improvement Plan (2015)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Waterfront Parks CFMP (continued)

## Waterfront Parks CFMP FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
Walkway Repairs	\$37,900
Waterfront Parks Wayfinding Signs	\$10,000
Emergency Repairs	\$5,400
<b>Total Fiscal Year 2023</b>	<b>\$53,300</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Oronoco Bay Park Rail Area Improvements	\$25,000
Windmill Hill Park Bridge Renovation	\$15,000
Rivergate Park Rip-Rap Improvement	\$9,800
Emergency Repairs	\$5,000
<b>Total Fiscal Year 2024</b>	<b>\$54,800</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Windmill Hill Permeable Pavement Conversion	\$40,000
Founders Park Rip-Rap Improvement	\$10,500
Emergency Repairs	\$6,000
<b>Total Fiscal Year 2025</b>	<b>\$56,500</b>



## WINDMILL HILL PARK IMPROVEMENTS

DOCUMENT SUBSECTION: Park Maintenance & Improvements  
 MANAGING DEPARTMENT: Department of Recreation, Parks, and Cultural Activities & Department of Project Implementation

PROJECT LOCATION: 501 South Union Street

REPORTING AREA: Old Town

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts, Culture & Recreation

PROJECT CATEGORY: 2  
 ESTIMATE USEFUL LIFE: 30+ Years

Windmill Hill Park Improvements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	12,655,100	7,009,000	5,646,100	-	-	-	-	-	-	-	-	-	5,646,100
Financing Plan													
Cash Capital	640,453	640,453	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	11,979,647	6,333,547	5,646,100	-	-	-	-	-	-	-	-	-	5,646,100
Private Capital Contributions	35,000	35,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	12,655,100	7,009,000	5,646,100	-	-	-	-	-	-	-	-	-	5,646,100
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project (Phase II) consists of the implementation of outstanding park improvements identified in the 2003 master plan. Design for these improvements, which include a playground renovation, ADA improvements, stormwater management and slope stabilization, will begin in 2022. Construction funding is included in FY 2023. Final pedestrian safety measures consistent with the Union Street Corridor Study will be implemented in coordination with Transportation and Environmental Services following the completion of private development and public improvements on the waterfront.

Phase I, completed in 2018, consisted of the replacement of the existing bulkhead at Windmill Hill Park with a Living Shoreline and the installation of a low stone sill at the base of the shoreline, tidal and riparian plantings along the sloping bank, pedestrian paths, water access for dogs and kayaks, planted buffers, and restoration of the Gibbon Street stream outfall including the installation of a pedestrian bridge to provide a continuous waterfront walking trail as identified in the 2003 and 2015 City Council approved Windmill Hill Park Master Plan.

As part of the approved FY 2021 budget, \$450,000 of previously appropriated funding for the implementation of the pier was removed from the project. Subsequent capital investment plans will explore the final timing, scope, and cost of potentially restoring the deferred project funding.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Windmill Hill Master Plan (2003); Eco-City Charter - Protect Water Resources (2008); Environmental Action Plan - Chapter 4, Goal 1 (2009); Waterfront Small Area Plan (2012); Union Street Corridor Study (2013); City Council Living Shoreline Concept Approval (2015)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## CHINQUAPIN RECREATION CENTER CFMP AND PROGRAM SUPPORT

DOCUMENT SUBSECTION: Recreation Facility Maintenance  
MANAGING DEPARTMENT: Department of Recreation, Parks,  
and Cultural Activities

PROJECT LOCATION: 3210 King Street  
REPORTING AREA: Taylor Run

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts,  
Culture & Recreation

PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

Chinquapin Recreation Center CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	11,765,583	4,163,383	80,000	80,000	815,700	255,400	494,700	828,700	648,300	2,207,000	1,742,100	450,300	7,602,200
Financing Plan													
Cash Capital	934,683	934,683	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	10,830,900	3,228,700	80,000	80,000	815,700	255,400	494,700	828,700	648,300	2,207,000	1,742,100	450,300	7,602,200
Financing Plan Total	11,765,583	4,163,383	80,000	80,000	815,700	255,400	494,700	828,700	648,300	2,207,000	1,742,100	450,300	7,602,200
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding increased based on building condition/needs assessments.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides an annual funding stream to address the capital maintenance needs at the Chinquapin Recreation Center. The City currently has a backlog of maintenance needs at Chinquapin; these existing needs must be prioritized against new maintenance requests throughout the year. The Chinquapin Recreation Center Capital Facilities Maintenance Program (CFMP) project provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements, based on industry standards for life expectancy of equipment and materials necessary to adequately maintain the City facility. In some cases, the equipment may be retained beyond the standard life expectancy if it is in satisfactory operating condition and it is cost-effective to do so.

The CFMP also provides for the scheduled capital maintenance needs of Chinquapin, including painting and floor covering (carpet and tile) replacement; mechanical, electrical, plumbing systems and window replacements. A prioritized list of projects planned for FY 2023- 2025 is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change.

This CFMP is used to maintain building capital assets in a state of good repair. Maintenance keeps the building functioning properly, decreases costly repairs, and promotes a healthy environment. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forthcoming.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Chinquapin Recreation Center VFA Assessment; Recreation, Parks and Cultural Activities Strategic Plan (2018-2023)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Chinquapin Recreation Center CFMP (continued)

## Chinquapin Recreation Center CFMP FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Unexpected Capital Maintenance	\$80,000
<b>Total Fiscal Year 2023</b>	<b>\$80,000</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Unexpected Capital Maintenance	\$80,000
<b>Total Fiscal Year 2024</b>	<b>\$80,000</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Unexpected Capital Maintenance	\$80,000
Exterior Repairs	\$84,000
HVAC Upgrades	\$133,700
Fire Alarm Upgrade	\$44,000
Exit Sign Upgrades	\$84,000
Parking Lot Repaving	\$390,000
<b>Total Fiscal Year 2025</b>	<b>\$815,700</b>

## CITY MARINA MAINTENANCE

DOCUMENT SUBSECTION: Recreation Facility Maintenance  
 MANAGING DEPARTMENT: Department of Recreation, Parks,  
 and Cultural Activities

PROJECT LOCATION: 0 Cameron Street  
 REPORTING AREA: Old Town

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts,  
 Culture & Recreation

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

City Marina Maintenance													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>1,914,313</b>	<b>1,427,013</b>	<b>47,900</b>	<b>49,300</b>	<b>50,000</b>	-	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	90,100	487,300
Financing Plan													
Cash Capital	1,454,700	967,400	47,900	49,300	50,000	-	50,000	50,000	50,000	50,000	50,000	90,100	487,300
GO Bonds	459,613	459,613	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>1,914,313</b>	<b>1,427,013</b>	<b>47,900</b>	<b>49,300</b>	<b>50,000</b>	-	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	90,100	487,300
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Finding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project maintains the level of service provided to residents and visitors at the City of Alexandria Marina. The Marina is a destination for the City and requires continued maintenance and upgrades to keep tourists and boaters visiting the City and must be maintained to ensure safety for its users. City Marina maintenance projects are prioritized to fund safety and security items first. Items to improve visitor safety and security, Department of Homeland Security recommendations, and United States Coast Guard security recommendations are core projects. A Marina Facilities Assessment, completed in 2013, provided details of the condition of infrastructure and identified project priorities within the Marina boundaries. Planned projects are consistent with the recommendations provided in the 2013 City Marina Facility Assessment.

The following projects will be funded to ensure the public health and safety: storm damage repairs, fire suppression repairs, railing repairs and improvements, ADA compliance and access, security measures (including cameras and other physical measures) and surface repairs and improvements. Annual maintenance funding enhances the level of service currently provided to users and visitors of the City's Marina, while maintaining the Marina's capital infrastructure in a state of good repair.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City Marina Facility Condition Assessment (2013); Waterfront Small Area Plan (2012); Waterfront Commission Priority (2012). Specific projects are scheduled to capitalize on construction efficiency and limit disruption of service.

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## City Marina Maintenance (continued)

## City Marina Maintenance FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
Health, Safety and ADA Compliant Repairs	\$10,660
Walkway, Lighting and Furniture Repairs	\$16,022
Severe Weather and Utility Repairs	\$21,218
<b>Total Fiscal Year 2023</b>	<b>\$47,900</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Health, Safety and ADA Compliant Repairs	\$11,000
Walkway, Lighting and Furniture Repairs	\$17,000
Severe Weather and Utility Repairs	\$21,300
<b>Total Fiscal Year 2024</b>	<b>\$49,300</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Health, Safety and ADA Compliant Repairs	\$11,500
Walkway, Lighting and Furniture Repairs	\$17,500
Severe Weather and Utility Repairs	\$21,000
<b>Total Fiscal Year 2025</b>	<b>\$50,000</b>

## PROACTIVE MAINTENANCE OF THE URBAN FOREST

DOCUMENT SUBSECTION: Recreation Facility Maintenance  
 MANAGING DEPARTMENT: Department of Recreation, Parks,  
 and Cultural Activities

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
 Sustainability

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

Proactive Maintenance of the Urban Forest													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>4,447,300</b>	632,000	<b>328,400</b>	<b>338,300</b>	<b>348,400</b>	-	<b>369,700</b>	<b>380,800</b>	<b>392,200</b>	<b>403,900</b>	<b>416,100</b>	837,500	3,815,300
Financing Plan													
Cash Capital	4,340,800	525,500	328,400	338,300	348,400	-	369,700	380,800	392,200	403,900	416,100	837,500	3,815,300
GO Bonds	106,500	106,500	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>4,447,300</b>	632,000	<b>328,400</b>	<b>338,300</b>	<b>348,400</b>	-	<b>369,700</b>	<b>380,800</b>	<b>392,200</b>	<b>403,900</b>	<b>416,100</b>	837,500	3,815,300
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding increased and added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

Recommendation #39 of the Urban Forestry Master Plan (2009), approved by City Council, calls for the implementation of a rotational inspection and maintenance cycle for all established trees planted along City Streets, in parks, and on school grounds and other public properties. Trees will be systematically inspected and pruned on a scheduled cycle to identify and address structural issues before they create infrastructure conflicts or cause property damage. Proactive, rotational inspection and maintenance is a cost-efficient industry best practice that improves urban forest health and function, reduces infrastructure conflicts, and reduces the risk of limb or whole tree failures. It also reduces liability by systematically ensuring that the City meets its duty of care to the 30,000+ trees under its management. This program also supports the City's tree canopy coverage goals by prolonging the life and return on investment of each tree planted. It will result in more cost-efficient maintenance, reduced risk, and increase the impact of every tax dollar invested in trees as critical, climate resilience green infrastructure.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Department of Recreation, Parks, and Cultural Activities 3-Year Business Plan (2017-2019); Urban Forestry Master Plan (2009); Open Space Master Plan (2003, Updated 2017); Recreation, Parks and Cultural Activities Strategic Plan (2018-2023); Environmental Action Plan (2019)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## RECREATION CENTER MARKET RESPONSE AND PROGRAM SUPPORT

DOCUMENT SUBSECTION: Recreation Facility Maintenance  
 MANAGING DEPARTMENT: Department of Recreation, Parks,  
 and Cultural Activities

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts,  
 Culture & Recreation

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

Recreation Center Market Response and Program Support													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	50,000	-	50,000	-	-	-	-	-	-	-	-	-	50,000
Financing Plan													
Cash Capital	50,000	-	50,000	-	-	-	-	-	-	-	-	-	50,000
Financing Plan Total	50,000	-	50,000	-	-	-	-	-	-	-	-	-	50,000

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The Market Response and Program Support program addresses customer needs and community expectations for improvements and repairs not covered by scheduled maintenance and capital improvements identified in the building condition assessment or within the Department of Recreation, Parks and Cultural Activities' (RPCA) annual operating budget. This program addresses recreation center needs to meet the community's expectations for such facilities. Examples of these needs include frequent cyclical replacement of heavily used recreation center furnishings (tables and chairs for programs and rentals), painting and floor covering replacements, lifespan replacements for gymnasium equipment and bleachers not covered in the building condition assessment, and improved customer/user access.

As the majority of RPCA recreation centers are 40+ years old, this project includes a facility study in FY2022 to assess and recommend improvements related to market comparisons, current expectations, and community needs. The study will be used to guide future funding requests.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Recreation, Parks and Cultural Activities Strategic Plan (2018-2023)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## RECREATION CENTERS CFMP AND PROGRAM SUPPORT

DOCUMENT SUBSECTION: Recreation Facility Maintenance  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts,  
Culture & Recreation

PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

Recreation Centers CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	30,342,404	7,063,004	120,000	120,000	278,700	172,000	899,100	1,252,000	2,286,000	3,837,600	7,662,500	6,651,500	23,279,400
Financing Plan													
Cash Capital	2,520,604	2,520,604	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	75,000	75,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	27,746,800	4,467,400	120,000	120,000	278,700	172,000	899,100	1,252,000	2,286,000	3,837,600	7,662,500	6,651,500	23,279,400
Financing Plan Total	30,342,404	7,063,004	120,000	120,000	278,700	172,000	899,100	1,252,000	2,286,000	3,837,600	7,662,500	6,651,500	23,279,400
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Outyear funding increased to align with needs assessments. Funding added to FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides an annual funding stream to address the capital maintenance needs at ten of the City's eleven heavily-used neighborhood recreation centers and other recreational facilities. Chinquapin Recreation Center is addressed in a separate account. The City currently has a backlog of maintenance needs at recreation centers; these existing needs must be prioritized against new maintenance requests throughout the year. The Recreation Center Capital Facilities Maintenance Program (CFMP) project provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements, based on industry standards for life expectancy of equipment and materials necessary to adequately maintain the City's facilities. In some cases, the equipment may be retained beyond the standard life expectancy if it is in satisfactory operating condition and it is cost-effective to do so.

The CFMP also provides for the scheduled capital maintenance needs of City recreation facilities, including painting and floor covering (carpet and tile) replacement; mechanical, electrical, plumbing systems and window replacements. A prioritized list of projects planned for FY 2023 - 2025 is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

RCPA Facilities Assessment conducted in 2013; Recreation, Parks and Cultural Activities Strategic Plan (2018-2023).

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## Recreation Centers CFMP (continued)

## Recreation Centers CFMP FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
Unexpected Capital Maintenance	\$120,000
<b>Total Fiscal Year 2023</b>	<b>\$120,000</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Unexpected Capital Maintenance	\$120,000
<b>Total Fiscal Year 2024</b>	<b>\$120,000</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Unexpected Capital Maintenance	\$120,000
Colosanto Center Exterior Upgrades	\$80,000
Colosanto Center HVAC Upgrade	\$7,000
Colosanto Center Pump Upgrade	\$5,000
Colosanto Center Plumbing Fixture Upgrades	\$30,700
Colosanto Center Interior Upgrades	\$36,000
<b>Total Fiscal Year 2025</b>	<b>\$278,700</b>

## TORPEDO FACTORY ARTS CENTER CFMP

DOCUMENT SUBSECTION: Recreation Facility Maintenance  
MANAGING DEPARTMENT: General Services

PROJECT LOCATION: Old Town  
REPORTING AREA: Old Town  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts,  
Culture & Recreation

Torpedo Factory Arts Center CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	18,666,975	2,283,175	175,200	75,000	3,279,100	473,300	1,226,100	4,342,100	4,278,000	943,900	679,800	911,300	16,383,800
Financing Plan													
Cash Capital	4,939,175	2,283,175	175,200	7,500	-	473,300	500,000	-	-	500,000	500,000	500,000	2,656,000
GO Bonds	13,727,800	-	-	67,500	3,279,100	-	726,100	4,342,100	4,278,000	443,900	179,800	411,300	13,727,800
Financing Plan Total	18,666,975	2,283,175	175,200	75,000	3,279,100	473,300	1,226,100	4,342,100	4,278,000	943,900	679,800	911,300	16,383,800

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The Torpedo Factory Arts Center Capital Facilities Maintenance Program (CFMP) provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements, based on industry standards for life expectancy of equipment and materials necessary to adequately maintain the facility's physical plant. In some cases, the facility's equipment may be retained beyond the standard life expectancy if it is in satisfactory operating condition and it is cost-effective to do so. A prioritized list of projects planned for FY 2023 – 2025 is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

VA Facilities Assessment; Recreation, Parks and Cultural Activities Strategic Plan (2018-2023).

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts are identified at this time.

## Torpedo Factory Arts Center CFMP (continued)

## Torpedo Factory Arts Center CFMP FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
Torpedo Factory IT Closet	\$100,000
Unexcepted Maintenance	\$75,000
<b>Total Fiscal Year 2023</b>	<b>\$175,000</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Unexcepted Maintenance	\$75,000
<b>Total Fiscal Year 2024</b>	<b>\$75,000</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Unexcepted Maintenance	\$75,000
Exterior Upgrades	\$728,000
Interior Door Upgrades	\$296,000
Elevator Upgrade	\$480,000
Water Heater Upgrade	\$60,000
HVAC Upgrade	\$45,000
Exterior Lighting Upgrades	\$105,000
Electrical Upgrades	\$936,000
Emergency Lighting Upgrades	\$500,000
Masonry Chimney Renewal	\$54,100
<b>Total Fiscal Year 2025</b>	<b>\$3,279,100</b>

## CITYWIDE PARKS IMPROVEMENTS PLAN

DOCUMENT SUBSECTION:	Renovated or New Recreation Facilities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	PROJECT CATEGORY:	2
		ESTIMATE USEFUL LIFE:	11 - 15 Years

Citywide Parks Improvements Plan													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	12,937,882	12,173,082	-	-	-	64,800	700,000	-	-	-	-	-	764,800
Financing Plan													
Cash Capital	1,172,479	1,172,479	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	594,633	594,633	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	10,765,359	10,000,559	-	-	-	64,800	700,000	-	-	-	-	-	764,800
Private Capital Contributions	180,411	180,411	-	-	-	-	-	-	-	-	-	-	-
Sale of Property Revenue	225,000	225,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	12,937,882	12,173,082	-	-	-	64,800	700,000	-	-	-	-	-	764,800
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects.

### PROJECT DESCRIPTION & JUSTIFICATION

The City's six citywide, multi-use parks serve as the core of Alexandria's park system, offering outdoor opportunities for all residents that range from natural areas and walking trails to athletic fields. Yet, these parks have deteriorated from overuse and lack of sustained investment. As findings from the Citywide Parks Improvements Plan (2014) show, there are incremental changes necessary for the sites to remain relevant open spaces that meet community needs.

Design work for the renovation of Joseph Hensley Park is in progress and construction for Phase I is anticipated in 2022.

Funding in FY 2027 will address Citywide Parks Improvements Plan recommendations in the Holmes Run Park Citywide Park Plan for the All Veterans Park Renovation.

The Citywide Park Improvement Plans are intended to be updated every ten years to ensure that plans respond to changing community and infrastructure needs. In 2023, the process to update the plans will commence. Funding needs will be evaluated in 2025 to reflect the updated Citywide Park Improvements Plan recommendations.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Parks and Recreation Needs Assessments (2011, 2013, 2015, 2017 and 2019); Youth Sports Advisory Board Field Exercise (2012); Citywide Parks Improvements Plan (2014); Open Space Master Plan (2003, Updated 2017); Four Mile Run Restoration Master Plan (2006); Four Mile Run Design Guidelines (2009); Athletic Field Study (2008); Recreation, Parks, and Cultural Activities Strategic Plan (2018-2023)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## DOUGLAS MACARTHUR SCHOOL - RECREATION PROGRAMMING SPACE

DOCUMENT SUBSECTION: Renovated or New Recreation Facilities

PROJECT LOCATION: 1101 Janneys Lane

MANAGING DEPARTMENT: Department of Recreation, Parks, and Cultural Activities

REPORTING AREA: Taylor Run/Duke Street

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts, Culture &amp; Recreation

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 30 Years

Douglas MacArthur School - Recreation & Parks Programming Space													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	2,001,592	2,001,592	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	1,592	1,592	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	2,000,000	2,000,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	2,001,592	2,001,592	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

Alexandria City Public Schools (ACPS) is managing the ongoing project for the new Douglas MacArthur K-5 Elementary School on the current school property at 1101 Janney's Lane. Swing space at the old Patrick Henry Elementary School will be used by students until construction is complete. Construction is in process and ACPS anticipates students will move into the new MacArthur school building for the start of the 2023-2024 academic year.

The new facility includes approximately 300 square feet of storage and 450 square feet of administrative space dedicated for City Recreation program support. In addition, the elementary school gym includes an expansion of 1,200 square feet to provide quality space for the Out of School Time Program and evening community programs. The outdoor amenities include an outdoor accessible restroom for program support during non-facility hours.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City co-location options for new public buildings  
Joint City-ACPS Facilities Master Plan; DSUP#2020-0009

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## DOUGLASS CEMETERY RESTORATION

DOCUMENT SUBSECTION: Renovated or New Recreation Facilities

PROJECT LOCATION: Citywide

MANAGING DEPARTMENT: Department of Recreation, Parks, and Cultural Activities

REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts, Culture &amp; Recreation

PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE:

Douglass Cemetery Restoration													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	3,105,000	-	240,000	2,170,000	695,000	-	-	-	-	-	-	-	3,105,000
Financing Plan													
Cash Capital	2,105,000	-	240,000	1,170,000	695,000	-	-	-	-	-	-	-	2,105,000
State/Federal Grants (Unsecured)	1,000,000	-	-	1,000,000	-	-	-	-	-	-	-	-	1,000,000
Financing Plan Total	3,105,000	-	240,000	2,170,000	695,000	-	-	-	-	-	-	-	3,105,000

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

Douglass Cemetery, located at 1421 Wilkes Street, was established by the Douglass Cemetery Association as a segregated, nondenominational African American cemetery in 1895 and named in honor of Frederick Douglass. While the cemetery is abandoned, it is an important African American cultural resource and is maintained by the City. The cemetery floods frequently and the drainage issues are causing the ground level to sink and headstones to topple over. The dire condition has generated concern from the community and the families of those who are buried there. The City is responsible for maintaining the cemetery, and addressing the underlying issues is an important step in preventing further deterioration. This project addresses the underlying structural issues facing the site.

Records suggest over 2,000 people may have been buried at Douglass Memorial Cemetery, yet fewer than 700 grave markers are visible today. The last known burial at the cemetery was in 1975, when the Douglass Cemetery Association appears to have dissolved. Mowing was then assumed by the City.

The City has made significant financial investments in the upkeep of the cemetery and is seeking \$1M in FY 2023 State support toward the \$3M projected cost. City staff will work in collaboration with descendants and community members to ensure perpetual care and respect for this sacred place.

**Preservation steps to date:** In addition to landscape maintenance, the City of Alexandria has:

- Compiled existing research and a complete list of individuals buried in Douglass Memorial Cemetery using interment records
- Registered the site as an archaeological and architectural resource with the Department of Historic Resources
- Receives \$9,715 annually from the Historical African American Cemeteries and Graves Fund to support five cemeteries including Douglass Memorial Cemetery
- Worked with City surveyors to document the locations of the existing grave markers
- Conducted ground penetrating radar and electrical conductivity to identify the potential locations of burials without physically disturbing the ground (funded through a Certified Local Government (CLG) Grant)

#### Preservation Steps Needed:

- Evaluation and mitigation of drainage issue
- Cemetery preservation plan
- Archaeology Work
- Assessment and conservation of headstones
- Landscape renewal to include site restoration, tree maintenance, fencing, reflection space, signage, and walkways
- Public outreach, digital engagement, historic interpretation
- Oral histories and genealogy

#### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Office of Historic Alexandria Preservation plan  
Office of Historic Alexandria Conservation plan  
City of Alexandria Strategic Plan

#### ADDITIONAL OPERATING IMPACTS

Estimated costs of periodic maintenance and inspections

## FORT WARD MANAGEMENT PLAN IMPLEMENTATION

DOCUMENT SUBSECTION:	Renovated or New Recreation Facilities	PROJECT LOCATION:	4301 West Braddock Road
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Seminary Hill
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	PROJECT CATEGORY:	3
		ESTIMATE USEFUL LIFE:	Varies

Fort Ward Management Plan Implementation													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	5,033,672	1,175,172	200,000	646,700	2,315,000	-	218,800	-	232,000	-	246,000	-	3,858,500
Financing Plan													
Cash Capital	1,595,972	699,172	200,000	-	-	-	218,800	-	232,000	-	246,000	-	896,800
GO Bonds	3,437,700	476,000	-	646,700	2,315,000	-	-	-	-	-	-	-	2,961,700
Financing Plan Total	5,033,672	1,175,172	200,000	646,700	2,315,000	-	218,800	-	232,000	-	246,000	-	3,858,500
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding increased for increased scope of work.

### PROJECT DESCRIPTION & JUSTIFICATION

The Fort Ward Park and Museum Management Plan includes five goal areas and associated recommendations to improve park management/operations (between departments); protect historic and cultural resources currently unmarked/protected; coordinate park improvements with the stormwater master plan; develop historic and cultural interpretation throughout the park; and replace and care for trees. Improvements will be phased over several years to keep the park open to the public while changes are implemented. Priorities for implementing the recommendations of the plan were developed by the Advisory Group, staff and with feedback from the general public. The phased funding plan reflects those priorities. These priorities and the budgeted amounts may be revised in future years based on feedback from the public and the operational needs of Fort Ward.

In 2019 Design Minds completed the Fort Ward Interpretive Plan as recommended in the Fort Ward Park and Museum Area Management Plan. The Interpretive Plan expands interpretation in Fort Ward to include the full range of it's history. A pivotal piece of this plan is the Interpretive Trail; an accessible trail that links together orientation stations, wayside signs, site markers, the commemorative spaces, and the school/chapel/residence to tell the story of the African American families that once lived at Fort Ward. The Interpretive Trail is a separate initiative from the Management Plan. Funding is requested in FY 2023 and FY 2024 for design and installation.

- **FY 2023 Funding:**
  - Mark and protect Civil War sites, "Fort Ward" Community sites, and burial sites (\$50,000)
  - Interpretive Plan signage (\$50,000)
  - Park accessibility enhancements (\$50,000)
  - Plant new trees with 2 year establishment guarantee (\$50,000)
- **FY 2024 Funding:**
  - Interpretive Trail design (\$646,700)
- **FY 2025 Funding:**
  - Interpretive Trail Implementation (\$2,247,500)

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Recreation, Parks and Cultural Activities Strategic Plan (2018-2023); 2011-2016 Departmental Strategic Plan - OHA; Recommendation of the Ad Hoc Fort Ward Park Museum Area Stakeholder Advisory Group (2011-2014); 2015 Fort Ward Park and Museum Area Management Plan adopted by the City Council;

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## TORPEDO FACTORY ART CENTER REVITALIZATION

DOCUMENT SUBSECTION: Renovated or New Recreation Facilities

PROJECT LOCATION: 105 N. Union Street

MANAGING DEPARTMENT: Department of Recreation, Parks, and Cultural Activities

REPORTING AREA: Old Town

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts, Culture &amp; Recreation

PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

Torpedo Factory Art Center Revitalization													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	3,830,000	785,000	500,000	1,000,000	1,545,000	-	-	-	-	-	-	-	3,045,000
Financing Plan													
Cash Capital	2,874,600	785,000	500,000	1,000,000	589,600	-	-	-	-	-	-	-	2,089,600
GO Bonds	955,400				955,400	-	-	-	-	-	-	-	955,400
Financing Plan Total	3,830,000	785,000	500,000	1,000,000	1,545,000	-	-	-	-	-	-	-	3,045,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding increased and shifted forward to FY 2023 - 2025.

### PROJECT DESCRIPTION & JUSTIFICATION

On November 17, 2018, City Council directed the City Manager to develop, via a public process in coordination with stakeholders, a Torpedo Factory Art Center Vibrancy and Sustainability Plan, and bring that plan to City Council for consideration. Council recognized that substantial capital funding will be required in the decade ahead in order to address current and future Torpedo Factory Art Center facility deficiencies, as well as to address to-be-determined future program needs, and affirmed that the City of Alexandria Office of the Arts will continue as the long-term managing entity responsible for management and operations of the Torpedo Factory Art Center.

The City has developed the Action Plan for Vibrancy and Sustainability at Torpedo Factory Art Center. As part of this process, the City contracted with a consultant to review the 15 existing studies about the Art Center and develop a set of overarching goals and recommendations based on those existing plans. This "Study of Studies" guided the development of the Action Plan. The Action Plan is designed to achieve priority results and outcomes to establish a foundation for a renewed Torpedo Factory Art Center. The goal is to improve the efficiency of operations and sustainability of the Art Center, while also broadening and deepening its connections to the community and re-configuring the first-floor spaces to create a more dynamic public experience of the Art Center.

At their meeting on December 14, 2021 City Council adopted a set of principles for the Torpedo Factory Art Center, directed staff to implement the Action Plan, and to explore alternative governance of the Art Center as part of a yet-to-be-established Cultural Development Authority.

In FY 2023, this project provides funding for the community engagement strategy and research needed to inform the City about an alternative governance structure and the components of a 21<sup>st</sup> Century Art Center. Funding may also be used for implementation of elements of the Action Plan.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Facility Conditions Assessment of the Torpedo Factory Art Center (2015); A Study of the Studies: Themes and Recommendations for a Vibrant and Sustainable Torpedo Factory Art Center (2019)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts are anticipated at this time.



# PUBLIC BUILDINGS

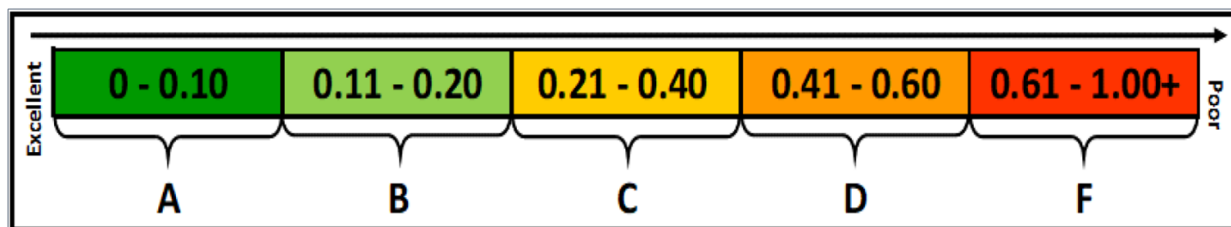
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## Public Buildings Facilities Condition Index (FCI)

In FY 2015, the Department of General Services (DGS) began the process of assessing City owned facilities to determine their conditions and needed capital investment. Each assessment phase consists of four key stages: visual inspection of facilities by an outside assessment team; data input into a capital planning software; multi-level quality checks; and final reporting of all findings.

Each facility gets broken down into individual components or “systems” that make a building a building, such as roofing, partitions, lighting, stairs, plumbing, etc. When a system comes within 10 years of being due, the software generates a requirement that DGS can then plan and budget for. The assessment team can also enter manual requirements for deficiencies found outside of regular lifecycle replacements, such as code and ADA issues. All costs for the systems and the requirements are based on RS Means, an industry standard construction estimating database.

The software then calculates a Facility Condition Index (FCI) for each facility and is based on the ratio of their current replacement value (CRV) and how much capital investment due in the next five years, including all deferred maintenance (Table 1). The result is a number and corresponding letter grade where the closer to “0” the better the condition or grade of the facility.



**Table 1** Current replacement value is the sum all systems for a facility and capital investment is determined by the total of requirements that are past due and due within the next five years.

While the term “State of Good Repair” has historically been applied to transit systems and transportation infrastructure, the City began encompassing facilities as part of this initiative beginning with the City’s FY 2017 capital budget, stating that “protection of City’s investments in existing public facilities and infrastructure” is a priority. While there is no industry standard definition for “State of Good Repair” and definitions seem to vary by jurisdiction, the City has defined it as the following:

*“When a facility is rated at a “Grade C” or better, condition, it is deemed to be in a “State of Good Repair”. This means that 40% or less of the facility’s CRV is past due or up for replacement in the next five years. Capitally funded projects for these facilities will replace systems that are at or have exceeded their useful life. A more holistic approach will be taken on facilities that are not deemed to be in a “State of Good Repair”, as there will be significant capital investment needed.”*

Proposed FY 2023 – FY 2032 CIP FCI “Report Card”

With decades of minimal, and often non-existent, funding for replacement of facility systems, there is much deferred maintenance in all City facilities. The capital planning software allows DGS to run various funding scenarios to determine funding needed to bring or keep facilities in a state of good repair or based on available funding, what the FCI/Grade the facility will be at the end of the funding term. The below table (Table 2) shows what the current FY 2022 average FCI/Grade is for the facilities within that Capital Facilities Maintenance Plan (CFMP) versus what the average FCI/Grade will be at the end of the FY 2023 Approved 10-Year CIP.

	FY2022 Average Grade	Average Grade at end of 10-years with FY23 Approved Funding
Alexandria Police Department CFMP	Grade B (0.13)	Grade D (0.44)
Alexandria Transit - DASH CFMP	Grade B (0.16)	Grade C (0.31)
Chinquapin Recreation Center CFMP	Grade C (0.31)	Grade C (0.27)
City Historic CFMP	Grade D (0.56)	Grade F (0.62)
Fire and Rescue CFMP	Grade B (0.19)	Grade D (0.47)
Library CFMP	Grade C (0.26)	Grade F (0.71)
Recreation Center CFMP	Grade B (0.17)	Grade C (0.24)
Torpedo Factory Art Center CFMP	Grade C (0.37)	Grade C (0.23)
Vola Lawson Animal Shelter CFMP	Grade C (0.36)	Grade F (0.71)

**Table 2** Shows what the current FY 2022 average FCI or Grade is for the facilities within that CFMP versus what the average FCI or Grade will be at the end of the FY 2023 Approved 10-Year CIP. To learn which facilities are within each CFMP, please refer to the individual CIP document pages. Excluded from this list are the following CFMPs, as they are currently part of larger studies or master plans in anticipation of major capital investment or potential redevelopment: **2355 Mill Road CFMP, Courthouse CFMP, Fleet Building CFMP, Health Department CFMP, and Office of the Sheriff.**

Note: Projects with a \$0 total funding are active capital projects funded in prior CIP's that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
<b>Public Buildings</b>												
General Government Facilities												
119 North Alfred Street Parking Garage	-	41,200	56,600	72,900	108,100	145,300	184,700	200,000	250,000	-	-	1,058,800
Alexandria Transit - DASH CFMP	3,611,923	50,000	51,500	53,100	54,700	56,300	58,000	59,800	61,500	63,400	65,300	573,600
Capital Planning & Building Assessment (Condition Assessment)	1,486,000	-	90,000	15,000	95,000	150,800	155,300	159,900	38,100	169,700	172,000	1,045,800
City Hall Renovation and HVAC Replacement	13,203,820	-	9,296,000	51,503,500	9,296,000	-	-	-	-	-	-	70,095,500
City Hall Swing Space	-	-	5,032,200	25,283,400	5,032,200	-	-	-	-	-	-	35,347,800
DASH Upper Deck Repairs	-	3,000,000	-	-	-	-	-	-	-	-	-	3,000,000
Emergency Power Systems	3,449,800	-	300,000	2,000,000	654,600	313,700	281,400	289,900	298,600	637,100	676,000	5,451,300
Fleet Building CFMP	2,146,308	-	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,350,000
Gadsby's Tavern Restaurant Equipment	-	-	360,600	-	-	-	-	-	-	-	-	360,600
General Services CFMP	17,996,430	-	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,150,000
Lee Center CFMP	96,800	-	-	-	-	-	-	-	-	-	-	-
Market Square Plaza and Garage Structural Repairs	10,493,300	-	1,000,000	3,957,000	-	-	-	-	-	-	-	4,957,000
Minnie Howard Campus Project	-	12,093,300	-	-	-	-	-	-	-	-	-	12,093,300
Parking Garages CFMP	20,300	-	-	-	-	-	-	-	-	-	-	-
Preventative Maintenance Systems and Staffing Study	350,000	-	-	-	-	-	-	-	-	-	-	-
Roof Replacement Program	8,718,219	-	-	3,055,400	-	-	1,071,200	-	-	2,906,500	-	7,033,100
Union Station Improvements	-	-	-	-	250,000	-	-	-	-	-	-	250,000
Witter/Wheeler - Fuel Island Renovation	600,000	-	2,000,000	-	-	-	-	-	-	-	-	2,000,000
Witter/Wheeler Campus Funding Reservation	1,306,000	-	2,114,800	6,022,000	-	-	-	-	-	4,300,000	2,140,000	14,576,800
<b>General Government Facilities Total</b>	<b>72,151,533</b>	<b>15,453,500</b>	<b>21,333,700</b>	<b>94,355,600</b>	<b>17,675,200</b>	<b>2,239,700</b>	<b>3,067,200</b>	<b>2,031,500</b>	<b>1,926,200</b>	<b>10,278,600</b>	<b>4,370,300</b>	<b>172,731,500</b>
Library Facilities												
Beatley Building Envelope Restoration	1,843,504	-	-	-	-	-	-	-	-	-	-	-
Library CFMP	2,686,135	150,000	150,000	150,000	150,000	213,300	1,146,800	1,204,200	-	3,000,000	1,300,000	7,464,300
Library Facilities Master Plan	-	-	-	220,000	-	-	-	-	-	-	-	220,000
<b>Library Facilities Total</b>	<b>5,354,639</b>	<b>150,000</b>	<b>150,000</b>	<b>370,000</b>	<b>150,000</b>	<b>213,300</b>	<b>1,146,800</b>	<b>1,204,200</b>	<b>-</b>	<b>3,000,000</b>	<b>1,300,000</b>	<b>7,684,300</b>
Preservation of Historic Facilities												
City Historic Facilities CFMP	14,382,038	840,000	623,400	2,800,000	1,900,000	2,000,000	1,500,000	400,000	1,500,000	1,400,000	1,961,700	14,925,100
Freedom House Museum Restoration	-	-	-	-	-	-	-	-	-	96,000	750,000	846,000
<b>Preservation of Historic Facilities Total</b>	<b>14,382,038</b>	<b>840,000</b>	<b>623,400</b>	<b>2,800,000</b>	<b>1,900,000</b>	<b>2,000,000</b>	<b>1,500,000</b>	<b>400,000</b>	<b>1,500,000</b>	<b>1,496,000</b>	<b>2,711,700</b>	<b>15,771,100</b>
DCHS Consolidation and Co-Location	24,358,007	73,200,000	-	-	-	-	-	-	-	-	-	73,200,000
Health Department CFMP	519,300	-	-	-	-	-	-	-	-	-	-	-
Mental Health Residential Facilities CFMP	4,527,079	-	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
<b>Public Health &amp; Welfare Facilities Total</b>	<b>29,404,386</b>	<b>73,200,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>75,900,000</b>
Public Safety Enhancements												
City Facility Security Infrastructure CFMP	-	206,000	801,100	-	-	-	-	-	-	-	-	1,007,100
<b>Public Safety Enhancements Total</b>	<b>-</b>	<b>206,000</b>	<b>801,100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,007,100</b>
Public Safety Facilities												
Alexandria Police CFMP	214,500	727,600	150,000	150,000	150,000	150,000	150,000	150,000	551,400	584,100	1,500,000	4,263,100
Courthouse CFMP	10,556,600	-	1,680,000	158,200	161,200	127,600	131,400	135,300	139,400	143,600	146,000	2,822,700
Courthouse/PSC Security System Upgrade	3,328,100	-	-	-	-	-	-	-	-	-	5,313,100	5,313,100
Fire & Rescue CFMP	10,547,813	500,000	100,000	100,000	696,300	263,100	265,000	281,800	376,100	696,600	947,000	4,225,900
Fire Station 203 (Cameron Mills)	12,573,610	-	-	-	-	-	-	-	-	-	-	-
Fire Station 205 (Cameron Street)	-	-	-	6,174,000	-	-	4,141,700	18,390,600	-	-	-	28,706,300
Fire Station 207 (Duke Street)	-	-	-	-	-	-	-	-	-	-	-	-
Fire Training Center Renovation	-	-	-	-	-	-	-	-	-	-	1,216,800	1,216,800
Landmark Fire Station (formerly Fire Station 208 Replacement)	-	-	4,000,000	-	-	-	19,351,300	-	-	-	-	23,351,300
Office of the Sheriff CFMP	12,477,702	226,000	3,600,000	-	-	3,200,000	6,800,000	-	100,000	100,000	100,000	14,126,000
Pistol Range	2,963,250	-	-	-	-	-	-	-	-	-	-	-
PSC Fuel Station Refurbishment	-	1,218,600	-	-	-	-	-	-	-	-	-	1,218,600
Tactical Training Space	309,000	-	-	-	-	-	-	-	-	-	-	-
Vola Lawson Animal Shelter	3,518,093	40,000	40,000	40,000	161,900	164,100	337,200	100,000	100,000	299,800	100,000	1,383,000
<b>Grand Total</b>	<b>178,106,664</b>	<b>92,561,700</b>	<b>35,794,100</b>	<b>104,447,800</b>	<b>21,194,600</b>	<b>8,657,800</b>	<b>37,190,600</b>	<b>22,993,400</b>	<b>4,993,100</b>	<b>16,898,700</b>	<b>18,004,900</b>	<b>362,736,700</b>

### Significant Project Changes in the Public Buildings Section

This year's Capital Improvement Program (CIP) underwent significant changes for a variety of reasons. A major driver was the need to accommodate several new projects, and commitments to funding (e.g. Minnie Howard Campus Project), while keeping the General Fund transfer to the CIP consistent and staying within City debt limits. This means funding for projects in other categories had to be decreased or removed.

Project funding in this CIP section, compared to the Approved FY 2022 – FY 2031 CIP funding levels, increased by about \$127.1 million, while \$124.3 million in reductions were made. Therefore, this section had a net increase of \$2.7 million, or +1 percent of the Approved FY 2022 – FY 2031 funding level. Note, these comparisons do not include Fiscal Years 2022 or FY 2032 funding.

The below chart highlights any project funding that increased or decreased by more than 15%, or \$1 million.

CIP Subsection	CIP Doc Title	TOTAL FY 2023 - 2032	Amount Changed Since FY22 Approved CIP*	Percentage Changed Since FY22 Approved CIP
General Government Facilities	City Hall Swing Space	35,347,800	26,886,400	317.8%
General Government Facilities	Roof Replacement Program	7,033,100	4,163,300	145.1%
Public Safety Facilities	Landmark Fire Station (formerly Fire Station 208 Replacement)	23,351,300	12,251,300	110.4%
Public Safety Facilities	Fire Station 205 (Cameron Street)	28,706,300	28,706,300	100.0%
General Government Facilities	Minnie Howard Campus Project	12,093,300	12,093,300	100.0%
General Government Facilities	Market Square Plaza and Garage Structural Repairs	4,957,000	4,957,000	100.0%
General Government Facilities	DASH Upper Deck Repairs	3,000,000	3,000,000	100.0%
General Government Facilities	Witter/Wheeler - Fuel Island Renovation	2,000,000	2,000,000	100.0%
Public Safety Facilities	PSC Fuel Station Refurbishment	1,218,600	1,218,600	100.0%
Public Safety Facilities	Fire Training Center Renovation	1,216,800	1,216,800	100.0%
General Government Facilities	2900-B Business Warehouse	1,140,400	1,140,400	100.0%
General Government Facilities	119 North Alfred Street Parking Garage	1,058,800	1,058,800	100.0%
Public Safety Enhancements	City Facility Security Infrastructure Capital Facilities Maintenance Plan (CFMP)	1,007,100	1,007,100	100.0%
Library Facilities	Library Facilities Master Plan	220,000	220,000	100.0%
Preservation of Historic Facilities	Freedom House Museum Restoration	846,000	96,000	100.0%
General Government Facilities	Capital Planning & Building Assessment (Condition Assessment)	1,045,800	323,800	58.9%
General Government Facilities	Gadsby's Tavern Restaurant Equipment	360,600	115,600	47.2%
General Government Facilities	Emergency Power Systems	5,451,300	1,383,100	40.8%
Public Safety Facilities	Alexandria Police CFMP	4,263,100	721,800	35.4%
Public Safety Facilities	New Burn Building	3,015,900	727,100	31.8%
Public Health & Welfare Facilities	DCHS Consolidation and Co-Location	73,200,000	12,000,000	19.6%
General Government Facilities	City Hall Renovation and HVAC Replacement	70,095,500	10,095,500	16.8%
Public Safety Facilities	Office of the Sheriff CFMP	14,126,000	1,718,200	14.0%
Public Safety Facilities	Courthouse CFMP	2,822,700	(500,800)	(15.8%)
Preservation of Historic Facilities	City Historic Facilities CFMP	14,925,100	(13,929,100)	(51.8%)
General Government Facilities	Witter/Wheeler Campus Funding Reservation	14,576,800	(19,563,200)	(61.1%)
Public Safety Facilities	Vola Lawson Animal Shelter	1,383,000	(2,226,500)	(63.4%)
Public Health & Welfare Facilities	Mental Health Residential Facilities CFMP	2,700,000	(4,231,600)	(63.8%)
Library Facilities	Library CFMP	7,464,300	(20,671,600)	(77.0%)
Public Safety Facilities	Fire & Rescue CFMP	4,225,900	(11,224,100)	(77.4%)
General Government Facilities	General Services CFMP	3,150,000	(9,603,000)	(77.4%)
General Government Facilities	Fleet Building CFMP	1,350,000	(6,880,200)	(85.1%)
General Government Facilities	Parking Garages CFMP	-	(108,200)	(100.0%)
General Government Facilities	Lee Center CFMP	-	(2,244,800)	(100.0%)
General Government Facilities	2355 Mill Road CFMP	-	(4,502,600)	(100.0%)
Public Health & Welfare Facilities	Health Department CFMP	-	(6,136,200)	(100.0%)
Public Safety Facilities	Fire Station 207 (Duke Street)	-	(21,836,200)	(100.0%)

\*This dollar amount was calculated by comparing FY 2023 – 2031 funding levels of the FY 2022 Approved CIP and this FY 2023 Proposed CIP. Since the FY 2022 Approved CIP did not have FY 2032 funding designations, that FY was removed from these calculations.

119 NORTH ALFRED STREET PARKING GARAGE

DOCUMENT SUBSECTION: General Government Facilities

MANAGING DEPARTMENT: Department of General Services

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

PROJECT LOCATION: 119 North Alfred Street

REPORTING AREA: Old Town

PROJECT CATEGORY: 1

ESTIMATE USEFUL LIFE: Varies

119 North Alfred Street Parking Garage													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,058,800	-	41,200	56,600	72,900	108,100	145,300	184,700	200,000	250,000	-	-	1,058,800
Financing Plan													
Cash Capital	1,058,800	-	41,200	56,600	72,900	108,100	145,300	184,700	200,000	250,000	-	-	1,058,800
Financing Plan Total	1,058,800	-	41,200	56,600	72,900	108,100	145,300	184,700	200,000	250,000	-	-	1,058,800

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

PROJECT DESCRIPTION & JUSTIFICATION

The 119 North Alfred Street parking garage contract stipulates that in the 27<sup>th</sup> year of the contract, 2021, the City would begin to pay a portion of costs to maintain compliance with the City’s Chesapeake Bay Preservation and Stormwater Management Ordinances, and the requirements of Title III under the Americans with Disabilities Act.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## 2355 MILL ROAD CFMP

DOCUMENT SUBSECTION: General Government Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: 2355 Mill Road  
REPORTING AREA: Eisenhower East  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

2355 Mill Road CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	2,541,581	2,541,581	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	1,729,000	1,729,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	240,000	240,000	-	-	-	-	-	-	-	-	-	-	-
Prior Capital Funding	572,581	572,581	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	2,541,581	2,541,581	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

All funding removed from this project because of planned redevelopment at the site.

### PROJECT DESCRIPTION & JUSTIFICATION

The 2355 Mill Road Capital Facilities Maintenance Program (CFMP) provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements, based on industry standards for life expectancy of equipment and materials necessary to adequately maintain the facility's physical plant. In some cases, the facility's equipment may be retained beyond the standard life expectancy if it is in satisfactory operating condition and it is cost-effective to do so. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

Redevelopment in the area that 2355 Mill Road is located is expected within the next 5 years, therefore large capital investments are being deferred.

#### Facilities covered under this CFMP:

- 2355 Mill Road

#### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

#### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## 2900-B BUSINESS WAREHOUSE

DOCUMENT SUBSECTION: General Government Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: 2900 Business Center Drive  
REPORTING AREA: Taylor Run/Duke Street  
PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

2900-B Business Warehouse													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,140,400	-	-	-	-	-	-	123,600	111,900	-	904,900	-	1,140,400
Financing Plan													
GO Bonds	1,140,400	-	-	-	-	-	-	123,600	111,900	-	904,900	-	1,140,400
Financing Plan Total	1,140,400	-	-	-	-	-	-	123,600	111,900	-	904,900	-	1,140,400

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

Currently, the storage space within the Public Works Services Warehouse is limited on the amount of floor space. Some materials and supplies need to be stored in inaccessible locations that make necessary materials time consuming to reach for daily jobs. The warehouse also lacks proper access and controls for accepting and distributing materials. Daily deliveries are made to multiple locations within the building. Having a central location that can accept outside deliveries into the building will streamline the process of accepting and distribution of materials.

With new and changing programs, and the need to warehouse additional items requiring controlled storage, additional space is required. This project will not change the footprint of the Public Works Services warehouse. The area will be redesigned to include a new office space, new secure room, new outside entrance door and new warehouse door.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## ALEXANDRIA TRANSIT - DASH CFMP

DOCUMENT SUBSECTION: General Government Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: 3000 Business Center Drive  
REPORTING AREA: King Street Metro/Eisenhower  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Alexandria Transit - DASH CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>4,185,523</b>	3,611,923	<b>50,000</b>	<b>51,500</b>	<b>53,100</b>	<b>54,700</b>	<b>56,300</b>	<b>58,000</b>	<b>59,800</b>	<b>61,500</b>	<b>63,400</b>	65,300	573,600
Financing Plan													
Cash Capital	1,052,168	478,568	50,000	51,500	53,100	54,700	56,300	58,000	59,800	61,500	63,400	65,300	573,600
GO Bond Interest Earnings	402,155	402,155	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	2,731,200	2,731,200	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>4,185,523</b>	3,611,923	<b>50,000</b>	<b>51,500</b>	<b>53,100</b>	<b>54,700</b>	<b>56,300</b>	<b>58,000</b>	<b>59,800</b>	<b>61,500</b>	<b>63,400</b>	65,300	573,600
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects.

### PROJECT DESCRIPTION & JUSTIFICATION

The Alexandria Transit - DASH Capital Facilities Maintenance Program (CFMP) provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements, based on industry standards for life expectancy of equipment and materials necessary to adequately maintain the facility's physical plant. In some cases, the facility's equipment may be retained beyond the standard life expectancy if it is in satisfactory operating condition and it is cost-effective to do so. A prioritized list of projects planned for FY 2023 - 2025 is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

#### Facilities covered under this CFMP:

- DASH Transit Facility –3000 Business Center Drive

#### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

#### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Alexandria Transit - DASH CFMP (continued)

## Alexandria Transit - DASH CFMP FY 2023 – FY 2025 Project List

Fiscal Year 2023	
Description	Amount
Unexpected Capital Maintenance	\$50,000
<b>Total Fiscal Year 2023</b>	<b>\$50,000</b>

Fiscal Year 2024	
Description	Amount
Unexpected Capital Maintenance	\$51,500
<b>Total Fiscal Year 2024</b>	<b>\$51,500</b>

Fiscal Year 2025	
Description	Amount
Unexpected Capital Maintenance	\$53,100
<b>Total Fiscal Year 2025</b>	<b>\$53,100</b>

## CAPITAL PLANNING & FACILITY CONDITION ASSESSMENTS

DOCUMENT SUBSECTION: General Government Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: N/A

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Capital Planning & Building Assessment (Condition Assessment)													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	2,531,800	1,486,000	-	90,000	15,000	95,000	150,800	155,300	159,900	38,100	169,700	172,000	1,045,800
Financing Plan													
Cash Capital	2,531,800	1,486,000	-	90,000	15,000	95,000	150,800	155,300	159,900	38,100	169,700	172,000	1,045,800
Financing Plan Total	2,531,800	1,486,000	-	90,000	15,000	95,000	150,800	155,300	159,900	38,100	169,700	172,000	1,045,800
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding amount increased to reflect increased needs.

### PROJECT DESCRIPTION & JUSTIFICATION

The Facility Conditions Assessment project is an undertaking to document and evaluate the physical condition of various City facilities in the following areas: site conditions, structural integrity, building envelope, building interior, heating, ventilation and air conditioning systems, plumbing and electrical systems, fire suppression systems, and life safety. The assessments include, among other information, deficiencies, inadequacies, and life cycle analysis. The assessments provide the Department of General Services with a comprehensive report of the building conditions that can be used as a tool to plan the necessary improvement work in future Capital Improvement projects. These assessments inform future CIP/CFMP projects and are used to prioritize facility capital asset improvements.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

FY 2018 General Services Departmental Facilities Management Program Work Plan; OMB FY 2018 Initiatives and Priorities Work Plan.

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Capital Planning &amp; Building Assessment (continued)

## Capital Planning &amp; Building Assessment FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
No Projects Scheduled	\$0
<b>Total Fiscal Year 2023</b>	<b>\$0</b>

<b>Fiscal Year 2024</b>	
Description	Amount
VFA Facility Assessments	\$90,000
<b>Total Fiscal Year 2024</b>	<b>\$90,000</b>

<b>Fiscal Year 2025</b>	
Description	Amount
VFA Facility Assessments	\$15,000
<b>Total Fiscal Year 2025</b>	<b>\$15,000</b>

## CITY FACILITY SECURITY INFRASTRUCTURE CFMP

DOCUMENT SUBSECTION: General Government Facilities  
 MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide  
 PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

City Facility Security Infrastructure CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,007,100	-	206,000	801,100	-	-	-	-	-	-	-	-	1,007,100
Financing Plan													
Cash Capital	1,007,100	-	206,000	801,100	-	-	-	-	-	-	-	-	1,007,100
Financing Plan Total	1,007,100	-	206,000	801,100	-	-	-	-	-	-	-	-	1,007,100

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The City will commission a survey/condition report to a qualified and experienced integrator with internal resources able to provide in-house design survey systems for each building in AutoCAD and related cameras viewing angles of view with the use of specific software. The study will evaluate the current configurations and the City's needs as it pertains to an enterprise camera system. The output of this process will be recommendation(s) of a camera system that will satisfy the City's current and future needs based on the requirements provided by the General Services Physical Security Program and Department needs. This project aligns the City's goal to mature its physical security posture in City managed facilities and supports the most recent minimal security standards for Government buildings. The City will benefit from a standardized camera and Electronic Access Control management system to ensure they are centrally monitored and managed from existing sites serviced by security personnel for quick response and deployment of law enforcement to an emergency or for further incident investigations. The implementation of these security assets can also act as a deterrent as well as a detection tool to protect City's critical assets including employees, customers, and loss prevention.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No Additional Operating Impacts identified at this time.

## City Facility Security Infrastructure CFMP (continued)

## City Facility Security Infrastructure CFMP FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
Citywide Security System Study	\$206,000
<b>Total Fiscal Year 2023</b>	<b>\$206,000</b>

<b>Fiscal Year 2024</b>	
Description	Amount
RPCA CCTV Replacement	\$356,500
Fire and Rescue Security Upgrade	\$444,600
<b>Total Fiscal Year 2024</b>	<b>\$801,100</b>

<b>Fiscal Year 2025</b>	
Description	Amount
No Projects Scheduled	\$0
<b>Total Fiscal Year 2025</b>	<b>\$0</b>

## CITY HALL RENOVATION AND HVAC REPLACEMENT

DOCUMENT SUBSECTION: General Government Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Old Town  
REPORTING AREA: 301 King St.  
PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: 30+ Years

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

City Hall Renovation and HVAC Replacement													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	83,299,320	13,203,820	-	9,296,000	51,503,500	9,296,000	-	-	-	-	-	-	70,095,500
Financing Plan													
Cash Capital	4,603,820	4,603,820	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	78,695,500	8,600,000	-	9,296,000	51,503,500	9,296,000	-	-	-	-	-	-	70,095,500
Financing Plan Total	83,299,320	13,203,820	-	9,296,000	51,503,500	9,296,000	-	-	-	-	-	-	70,095,500
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding increased for escalations and design increases. Project start moved from FY 2023 to FY 2024.

### PROJECT DESCRIPTION & JUSTIFICATION

This project was initiated with the purpose of replacing the outdated and past their life cycle heating, ventilation, and air conditioning systems (HVAC), life safety systems and perform any necessary structural repairs. This work requires the demolition of the ceilings and lighting, and disruption of the HVAC and life safety systems in the work areas, therefore requiring the temporary relocation of the employees to a swing space for the duration of the work. Since the HVAC, life safety and structural work will have a significant impact in disrupting the workspace and building operations, and requiring the expense of temporary swing spaces, it is reasonable to be performed at the same time with the newly proposed space planning and space reconfiguration. The goal for space planning and reconfiguration will be to resolve the inefficiencies of the building layout, improve circulation and way-finding, improve workflow between various departments, and create a modern, green, healthy, safe, sustainable environment for the employees to work in and for the residents to do business in. The goal of this project will be to provide a modern facility, with energy efficient and environmentally friendly systems, where the incorporation of green materials and improved space efficiency will create a work and business place that is attractive and welcoming, and in line with the City of Alexandria strategic planning and goals, including the Facilities Strategic Plan adopted in 2018.

A Feasibility study was completed in spring 2014 and an architectural & engineering firm was engaged to provide design documents and construction estimates to address the immediate and priority repairs required for City Hall before FY 2020. It should be noted that the cost of outfitting a swing space for City Hall functions is included in the separate City Hall Swing Space project.

In response to the COVID19 pandemic the City has revised the Workplace Standards Guidelines in order to amend and update how the City can maintain the best qualities and most workable features of the original Guidelines document, yet promote safer, more flexible places of business. With the COVID-19 pandemic the number of city employees working from home increased substantially, thereby also increasing the level of unused or infrequently used office space. When COVID-19 is no longer an issue, if substantial work from home remains, then rethinking of office space use including how City Hall office space should be designed for this new future of work. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

The CIP budget request is at 75% of the current cost estimate. The project's cost estimate will need to be revisited once further work is completed to refine scope and design of City Hall Renovation.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time. However, as the building systems continue to be operated long past their useful life, annual maintenance costs will continue to increase.

## CITY HALL SWING SPACE

DOCUMENT SUBSECTION: General Government Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: 301 King Street  
REPORTING AREA: Old Town  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

City Hall Swing Space													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	35,347,800	-	-	5,032,200	25,283,400	5,032,200	-	-	-	-	-	-	35,347,800
Financing Plan													
GO Bonds	35,347,800	-	-	5,032,200	25,283,400	5,032,200	-	-	-	-	-	-	35,347,800
Financing Plan Total	35,347,800	-	-	5,032,200	25,283,400	5,032,200	-	-	-	-	-	-	35,347,800
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding amount increased to reflect further scope refinement and market drivers. Funding moved from FY 2023 to FY 2024 to align with City Hall renovations.

### PROJECT DESCRIPTION & JUSTIFICATION

Interim leased or City owned facility swing space totaling approximately 100,000 square feet will be required while City Hall is fully vacated and unavailable for use during complete building renovation construction. Current office space occupants and City Hall functions will be moved to temporary operational space, or some possibly permanently relocated depending on ultimate programming, occupancy, and use decisions for City Hall.

Leased or City owned building facilities within the City of Alexandria will be identified and selected during the separate initial City Hall Swing Space Study, and then renovated and fit-out for relocated City Hall staff and functions.

The interim facilities will be renovated utilizing principles in accordance with the City's Green Building Policy and Environmental Action Plan, to the degree feasible for short term occupied facilities. The City is not currently planning to seek formal third-party sustainable design verification (e.g. LEED) for these short-term occupancy project's .

In response to the pandemic, the City revised the Workplace Standards Guidelines in order to amend and update how the City can maintain the best qualities and most workable features of the original Guidelines document, yet promote safer, more flexible places of business. With the COVID-19 pandemic the number of city employees working from home increased substantially, thereby also increasing the level of unused or infrequently used office space. When COVID-19 is no longer an issue, substantial work from home could remain. If so, this will trigger a rethinking of office space use including how City Hall office space should be designed for this new future of work.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time. However, based on final configuration, location(s), and size of swing space for relocated employees will result in temporary leasing costs of \$3-\$4 million per year.



DASH UPPER DECK REPAIRS

DOCUMENT SUBSECTION: General Government Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION:  
REPORTING AREA:  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: 20+ Years

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

DASH Upper Deck Repairs													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	3,000,000	-	3,000,000	-	-	-	-	-	-	-	-	-	3,000,000
Financing Plan													
GO Bonds	3,000,000	-	3,000,000	-	-	-	-	-	-	-	-	-	3,000,000
Financing Plan Total	3,000,000	-	3,000,000	-	-	-	-	-	-	-	-	-	3,000,000

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

PROJECT DESCRIPTION & JUSTIFICATION

The DASH upper parking deck has experienced some structural damage that requires repair. It is difficult to identify the exact cause of the deterioration, however it is speculated that snow pressing into the walls could have been a contributor. Permanent repairs are needed to extend the useful life of the structure.

A structural evaluation and design of needed improvements was completed in FY 2022. Construction funds are required in FY 2023 to complete the following scope of work: Repair precast concrete tee flanges and stems; address broken precast connectors; repair steel stairs; reinforce snow gates and bollards; and concrete topping slab.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## EMERGENCY POWER SYSTEMS

DOCUMENT SUBSECTION: General Government Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: 11 - 15 Years

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Emergency Power Systems													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	8,901,100	3,449,800	-	300,000	2,000,000	654,600	313,700	281,400	289,900	298,600	637,100	676,000	5,451,300
Financing Plan													
Cash Capital	3,675,000	795,000	-	300,000	-	654,600	313,700	-	-	298,600	637,100	676,000	2,880,000
GO Bonds	5,226,100	2,654,800	-	-	2,000,000	-	-	281,400	289,900	-	-	-	2,571,300
Financing Plan Total	8,901,100	3,449,800	-	300,000	2,000,000	654,600	313,700	281,400	289,900	298,600	637,100	676,000	5,451,300
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding delayed from FY 2023 and 2024 due to prior year available balances sufficient for achieving anticipated workload. Funding over the ten years increased.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides for the systematic replacement, placement, and capital maintenance of emergency power systems and emergency power systems infrastructure at City facilities and operations. This project supports public safety and critical community services, including support of the electrification of transportation systems and various building systems by providing resilient and reliable electricity to facilities, equipment, and technologies to meet contemporary standards for constant service delivery. Planning elements include energy assurance and resiliency planning, analyses of current emergency systems requirements, current and future facility use, coordination with emergency response planning, solar and battery storage system microgrid feasibility assessments, and climate change adaptation and resiliency needs. Design and engineering phases reflect application of appropriate technology solutions to include, but not limited to, conventional emergency generators, uninterrupted power supply (UPS), battery storage systems, microgrids, resiliency hub integration, mobile generator interconnections, solar and renewable power supply sources, building-grid integration and control systems, vehicle-to-building or vehicle-to-grid storage technologies, energy resiliency technologies, and emergency electrical system infrastructure.

Due to the possibility of unexpected or emergency repairs, if efficiencies can be achieved by staging projects together, or if federal or state hazard mitigation grant funding is available, projects may be subject to change or rescheduling. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, Energy and Climate Change Action Plan, and Environmental Action Plan 2040 goals, and any future green policies, initiatives, and code requirements that are forth coming.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City Emergency Management Plan; Department COOP Plans.

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Emergency Power Systems (continued)

## Emergency Power Systems FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
	\$0
<b>Total Fiscal Year 2023</b>	<b>\$0</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Emergency Power Systems - Solar + Battery Storage Integrated Microgrid / UPS Replacement Planning, Design, Engineering (Various Facilities)	\$300,000
<b>Total Fiscal Year 2024</b>	<b>\$300,000</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Emergency Power Systems - Solar + Battery Storage Integrated Microgrid / UPS Replacement Planning, Design, Engineering Construction (Various Facilities)	\$2,000,000
<b>Total Fiscal Year 2025</b>	<b>\$2,000,000</b>

## ENERGY MANAGEMENT PROGRAM

DOCUMENT SUBSECTION: General Government Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: 11 - 15 Years

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Energy Management Program													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	15,378,552	6,131,052	269,000	532,000	1,893,300	1,684,600	1,073,600	693,000	710,000	778,000	797,000	817,000	9,247,500
Financing Plan													
Cash Capital	8,131,140	2,177,540	269,000	432,000	446,000	1,684,600	477,000	493,000	510,000	528,000	547,000	567,000	5,953,600
GO Bond Interest Earnings	367,438	367,438	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	6,779,974	3,486,074	-	100,000	1,447,300	-	596,600	200,000	200,000	250,000	250,000	250,000	3,293,900
Prior Capital Funding	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	15,378,552	6,131,052	269,000	532,000	1,893,300	1,684,600	1,073,600	693,000	710,000	778,000	797,000	817,000	9,247,500
Operating Impact													

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides energy conservation, energy efficiency, renewable energy, and City-wide energy management solutions to reduce facility and operational energy use and costs, and to achieve City greenhouse gas and carbon reduction goals. This project also supports achieving community energy and climate action targets and goals as appropriate. Consistent with City's Eco-City Charter, Environmental Action Plan 2040, 2019 Green Building Policy, and Energy and Climate Action Plan goals; and the City's Energy Management program goals, this project provides facility, operations, employee, and transportation energy conservation, energy efficiency, electrification, net-zero energy performance, and renewable energy improvements and the use of energy-efficient technology in new and existing buildings and operations to achieve greater efficiency, resiliency, and to mitigate greenhouse gas emissions with focus on carbon reduction and climate change action. This project also supports necessary energy analysis, planning, strategy development, and implementation to support reduction in energy use and costs and greenhouse gas emissions, including but not limited to: energy audits, strategic energy management planning, climate action and greenhouse gas emissions reduction planning, and renewable energy supply strategy identification and planning, transportation and building electrification planning, and community greenhouse gas reduction opportunities. As applicable, this project may include support for climate action related to evaluating and planning for climate vulnerabilities, resiliency, and adaptation. Projects are evaluated according to financial return investment, energy use and cost reduction, avoided greenhouse gas emissions, and resiliency benefits. Continued emphasis will be placed on:

- Energy consumption analysis;
- Development of strategies to address the largest and most inefficient consumers of energy, and highest greenhouse gas emissions;
- Promoting energy awareness, policies, and procedures for employee behavior and interaction with building systems;
- Implementation of energy reduction initiatives; and
- Optimization of the City's use of energy resources.

Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change. Implementation supports the objectives to maintain and improve the quality and sustainability of Alexandria's environment by reducing energy use, greenhouse gas emissions, and enhancing the City's Green Building Program and use of renewable and clean energy resources. Additionally, this project improves the effectiveness and efficiency of City programs and activities that achieve results that are valued by the public. Moreover, this project supports the objective to maintain the City's excellent reputation for conservative and prudent financial management by reducing the City's expenditure on electricity, natural gas, water resources, and fuel resources.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Eco-City Charter, Environmental Action Plan; Energy and Climate Change Action Plan, Green Building Policy.

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Energy Management Program (continued)

## Energy Management Program FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
Energy Management Program Staffing (2.0 FTE)	\$269,000
<b>Total Fiscal Year 2023</b>	<b>\$269,000</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Energy Management Program Staffing (2.0 FTE)	\$282,000
Strategic Energy Management and Climate Action Technology Implementation (Various Facilities Lighting Retrofits, BMS/control systems/metering, commissioning/air sealing, building decarbonization/electrification)	\$250,000
<b>Total Fiscal Year 2024</b>	<b>\$532,000</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Energy Management Program Staffing (2.0 FTE)	\$296,000
Strategic Energy Management and Climate Action Technology Implementation (Various Facilities Lighting Retrofits, BMS/control systems/metering, commissioning/air sealing, building decarbonization/electrification, photovoltaic systems, demand response battery systems), climate action heat vulnerability assessment	\$1,597,300
<b>Total Fiscal Year 2025</b>	<b>\$1,893,300</b>

## FLEET BUILDING CFMP

DOCUMENT SUBSECTION: General Government Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: 3550 Wheeler Avenue  
REPORTING AREA: Eisenhower East  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Fleet Building CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	3,496,308	2,146,308	-	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,350,000
Financing Plan													
Cash Capital	993,308	993,308	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	2,503,000	1,153,000	-	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,350,000
Financing Plan Total	3,496,308	2,146,308	-	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,350,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The Fleet Building Capital Facilities Maintenance Program (CFMP) provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements based on industry standards for life expectancy of equipment and materials necessary to adequately maintain the facility's physical plant. In some cases, the facility's equipment may be retained beyond the standard life expectancy if it is in satisfactory operating condition and it is cost-effective to do so. A prioritized list of projects planned for FY 2023 - 2025 is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

#### Facilities covered under this CFMP:

- 3550 Wheeler Avenue – City and Fire Fleet Maintenance

#### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

#### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Fleet Building CFMP (continued)

## Fleet Building CFMP FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
No Projects Scheduled	\$0
<b>Total Fiscal Year 2023</b>	<b>\$0</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Unexpected Capital Maintenance	\$150,000
<b>Total Fiscal Year 2024</b>	<b>\$150,000</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Unexpected Capital Maintenance	\$150,000
<b>Total Fiscal Year 2025</b>	<b>\$150,000</b>

## GADSBY'S TAVERN RESTAURANT EQUIPMENT

DOCUMENT SUBSECTION: General Government Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: 138 N Royal Street  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 1: Distinctive & Vibrant  
Neighborhoods

PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: 15 years

Gadsby's Tavern Restaurant Equipment													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	360,600	-	-	360,600	-	-	-	-	-	-	-	-	360,600
Financing Plan													
Cash Capital	360,600	-	-	360,600	-	-	-	-	-	-	-	-	360,600
Financing Plan Total	360,600	-	-	360,600	-	-	-	-	-	-	-	-	360,600

### CHANGES FROM PRIOR YEAR CIP

Funding increased and deferred one year from FY 2023 to FY 2024.

### PROJECT DESCRIPTION & JUSTIFICATION

Built in 1792, Gadsby's Tavern Restaurant and the hotel, and tavern next door (now the Gadsby's Museum) were the center of Alexandria's economic, political, & social life in the late-18th and early-19th centuries. Notable patrons to these establishments included George and Martha Washington, Thomas Jefferson, and the marquis de Lafayette.

An assessment report completed in August 2013 recommended Gadsby's Tavern Restaurant kitchen equipment be replaced and updated to meet current code requirements. The subterranean kitchen was installed in 1974 with the renovation of the historic Gadsby's Tavern buildings and the kitchen infrastructure is now long past its life expectancy. The design and installation of new kitchen equipment needs to take into consideration the 18th-century historic fabric of the building and preservation of the adjacent 1793 ice well. The new equipment must ensure the appropriate ventilation of air, exhaust, and grease for a combined restaurant/museum/office space. The City receives monthly rent as well as meals tax revenue from the restaurant vendor. New and appropriate kitchen equipment supports the City of Alexandria's tourism program and protects the National Historic Landmark, Gadsby's Tavern.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts are anticipated at this time.



## GENERAL SERVICES CFMP

DOCUMENT SUBSECTION: General Government Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

General Services CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	21,146,430	17,996,430	-	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,150,000
Financing Plan													
Cash Capital	12,509,411	9,359,411	-	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,150,000
GO Bond Interest Earnings	315,000	315,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	8,046,019	8,046,019	-	-	-	-	-	-	-	-	-	-	-
Prior Capital Funding	176,000	176,000	-	-	-	-	-	-	-	-	-	-	-
Sale of Property Revenue	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	21,146,430	17,996,430	-	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,150,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced based on needs assessments and to accommodate funding restriction and increased needs in other projects. Additionally, there is sufficient prior year fund balance to meet short term needs, which is why funding was removed from FY 2023. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The General Services Capital Facilities Maintenance Program (CFMP) provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements, based on industry standards for life expectancy of equipment and materials necessary to adequately maintain the facility's physical plant. In some cases, the facility's equipment may be retained beyond the standard life expectancy if it is in satisfactory operating condition and it is cost-effective to do so. A prioritized list of projects planned for FY 2023 - 2025 is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

#### Facilities Covered Under this CFMP:

- 2900 Business Center Drive
- 3200 Colvin
- Adult Day Care
- Parking Garages
- Impound Lot

#### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

#### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## General Services CFMP (continued)

## General Services CFMP FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
No Projects Scheduled	\$0
<b>Total Fiscal Year 2023</b>	<b>\$0</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Unexpected Capital Maintenance	\$350,000
<b>Total Fiscal Year 2024</b>	<b>\$350,000</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Unexpected Capital Maintenance	\$350,000
<b>Total Fiscal Year 2025</b>	<b>\$350,000</b>

## MARKET SQUARE PLAZA AND GARAGE STRUCTURAL REPAIRS

DOCUMENT SUBSECTION: General Government Facilities  
MANAGING DEPARTMENT: Project Implementation

PROJECT LOCATION: 301 King St.  
REPORTING AREA: Old Town  
PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: 30+ Years

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Market Square Plaza and Garage Structural Repairs													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	15,450,300	10,493,300	-	1,000,000	3,957,000	-	-	-	-	-	-	-	4,957,000
Financing Plan													
Cash Capital	190,000	190,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	15,260,300	10,303,300	-	1,000,000	3,957,000	-	-	-	-	-	-	-	4,957,000
Financing Plan Total	15,450,300	10,493,300	-	1,000,000	3,957,000	-	-	-	-	-	-	-	4,957,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added for expanded design and construction.

### PROJECT DESCRIPTION & JUSTIFICATION

The Market Square Plaza was constructed in 1966 after the City of Alexandria acquired the full block of commercial structures located on Sharpship Alley adjacent to the City Hall south entrance and demolished the existing buildings. The plaza includes the multi-story underground garage and the fountain. This project will resolve several conditions present at the Market Square Garage and Plaza which, if left unresolved, will continue to deteriorate. The conditions identified include: structural issues at the garage, water leakage at the fountain, drainage issues causing water infiltrations at the garage stairs, electrical malfunctions of the plaza lighting, and identified improvements to the plaza stairs and pavers. FY 2017 funding was used to assess the current conditions and design the repair project. A portion of the funding was used for immediate repairs to address immediate health and safety concerns. Additional testing was one of the recommendations from the completed assessment to confirm the extent of the repairs needed to protect the health and wellbeing of the users.

Funding will be used for public outreach, design, and construction to address the already identified deficiencies and any additional issues identified in the testing results. As appropriate, plans will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## MINNIE HOWARD CAMPUS PROJECT

DOCUMENT SUBSECTION: General Government Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Seminary Hill/Strawberry Hill  
REPORTING AREA: Seminary Hill/Strawberry Hill  
PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: 30+ Years

PRIMARY STRATEGIC THEME: Theme 7: Thriving Children & Youth

Minnie Howard Campus Project													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	12,093,300	-	12,093,300	-	-	-	-	-	-	-	-	-	12,093,300
Financing Plan													
GO Bonds	12,093,300	-	12,093,300	-	-	-	-	-	-	-	-	-	12,093,300
Financing Plan Total	12,093,300	-	12,093,300	-	-	-	-	-	-	-	-	-	12,093,300

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project funds the planning, design and construction of 15,000 square feet of Department of Community and Health Services and Alexandria Health Department spaces within the Alexandria High School new Minnie Howard Campus. Spaces will support the Teen Wellness Center, Early Childhood Program, and a Family Resource Suite. All phases of the project were led by ACPS through FY 2022. In FY 2023 funding is needed to reimburse ACPS for prior work and to complete the ongoing design and construction activities for DCHS and AHD spaces.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## PREVENTATIVE MAINTENANCE SYSTEMS AND STAFFING STUDY

DOCUMENT SUBSECTION: General Government Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: N/A

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Preventative Maintenance Systems and Staffing Study													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	350,000	350,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	350,000	350,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	350,000	350,000	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The project funds two ongoing studies that were recommended by the Ad Hoc Joint City-School Facilities Investment Task Force. The task force was established to oversee the development of a Joint City-Schools Facility Capital Improvement Plan and provide recommendations related to capital project development, alternative project delivery methods, and preventative maintenance practices.

- Preventative Maintenance System Study** - the Task Force found that Department of General Services (DGS), Alexandria City Public Schools (ACPS), and the Alexandria Fire Department (AFD) have three different work order tracking systems with varying and often limited capabilities for preventive maintenance scheduling, which creates inefficiencies and lacks standard performance outcomes. It was recommended that DGS, ACPS, and AFD establish a common, cost-effective approach to track and manage preventive maintenance needs, by enhancing an existing system or by selecting a new system that meets the collective needs. This study researches the needs requirements of the City agencies and conducted a feasibility assessment of systems currently in use by the City. This study was completed in FY 2021 and, in conjunction with City ITS, a CIP project for a new Citywide maintenance system, titled General Services Facilities Management System, is included in FY 2023 in the IT Plan section of the CIP.
- Staffing Study** - the Task Force also found that the existing staffing levels and other resources are strained and rely on vendors to inform and complete much of the preventive maintenance work. The Task Force recommended that the City and ACPS identify optimal staffing levels, structures, and resources for maintenance and operation needs with strategies for how best to provide that capability. This study will determine optimal staffing levels for the City staff.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Recommendations from the Ad-Hoc Joint City/School Facilities Investment Task Force.

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## ROOF REPLACEMENT PROGRAM

DOCUMENT SUBSECTION: General Government Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: 30+ Years

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Roof Replacement Program													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	15,751,319	8,718,219	-	-	3,055,400	-	-	1,071,200	-	-	2,906,500	-	7,033,100
Financing Plan													
Cash Capital	363,719	363,719	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	15,387,600	8,354,500	-	-	3,055,400	-	-	1,071,200	-	-	2,906,500	-	7,033,100
Financing Plan Total	15,751,319	8,718,219	-	-	3,055,400	-	-	1,071,200	-	-	2,906,500	-	7,033,100
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding consolidated and increased.

### PROJECT DESCRIPTION & JUSTIFICATION

This program will provide for the inspection, design and replacement of aging roof systems within the City. While the City performs ongoing maintenance and repairs to roofs, eventual replacement is a necessary investment. Recent roof replacements have incorporated improved materials and roofing technologies which enhance building efficiency. A prioritized list of projects planned for FY 2023 - 2025 is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Roof Replacement Program (continued)

## Roof Replacement Program FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
No Projects Scheduled	\$0
<b>Total Fiscal Year 2023</b>	<b>\$0</b>

<b>Fiscal Year 2024</b>	
Description	Amount
No Projects Scheduled	\$0
<b>Total Fiscal Year 2024</b>	<b>\$0</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Barrett Library	\$345,000
Burke Library	\$300,000
Charles Houston Recreation Center	\$755,000
Fire Station 202	\$340,000
Fire Station 207	\$320,000
Lloyd House	\$215,000
Lyceum	\$305,000
Nannie J Lee Center Skylights	\$90,000
116 North Grayson Street	\$35,000
213 E Randolph Street	\$50,000
522 E Windsor Avenue	\$40,000
Unexpected Capital Maintenance	\$260,400
<b>Total Fiscal Year 2025</b>	<b>\$3,055,400</b>

## UNION STATION IMPROVEMENTS

DOCUMENT SUBSECTION: General Government Facilities  
 MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: 110 Callahan Drive  
 REPORTING AREA: King Street Metro/Eisenhower Ave.

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

Union Station Improvements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	250,000	-	-	-	-	250,000	-	-	-	-	-	-	250,000
Financing Plan													
Cash Capital	250,000	-	-	-	-	250,000	-	-	-	-	-	-	250,000
Financing Plan Total	250,000	-	-	-	-	250,000	-	-	-	-	-	-	250,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	

### CHANGES FROM PRIOR YEAR CIP

Funding deferred to FY 2026.

### PROJECT DESCRIPTION & JUSTIFICATION

In December 2019, the Commonwealth of Virginia announced plans to buy 225 miles of track, and substantially expand VRE and AMTRAK services from Washington D.C. to Richmond by the year 2030. Maryland's MARC commuter rail service is also discussing extending service to Alexandria. Due to the anticipated increase in services and passengers, a study will first be conducted to look at the current Union Station facility and possible expansion of the platform, facility, and services. A plan for the current gravel lot, regarding future parking, will then be developed. Outside federal and state funding may possibly be available for the improvements. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## WITTER/WHEELER - FUEL ISLAND RENOVATION

DOCUMENT SUBSECTION: General Government Facilities  
 MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: 3400 Duke Street  
 REPORTING AREA: Seminary Hill  
 PROJECT CATEGORY: 2  
 ESTIMATE USEFUL LIFE: 21 - 25 Years

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Witter/Wheeler - Fuel Island Renovation													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	2,600,000	600,000	-	2,000,000	-	-	-	-	-	-	-	-	2,000,000
Financing Plan													
Cash Capital	150,000	150,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	2,450,000	450,000	-	2,000,000	-	-	-	-	-	-	-	-	2,000,000
Financing Plan Total	2,600,000	600,000	-	2,000,000	-	-	-	-	-	-	-	-	2,000,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

In FY 2021, \$2.0 million in funding was deferred to FY 2022 in response to the COVID-19 public health emergency. In FY 2023 – 2032 this funding has been restored based on current project needs.

### PROJECT DESCRIPTION & JUSTIFICATION

Operation of the fuel island allows the City to maintain the quality and “cleanliness” of fuel therefore, preventing damage to City equipment from substandard fuel or lack of additives, and exclusivity of supply compared to obtaining from a retail location, saving the City approximately 20% on fuel costs as compared to fueling at retail locations.

The original intent of this project, a full design and renovation, will be coordinated with the implementation of the Witter/Wheeler Campus Master Plan once completed.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## WITTER/WHEELER CAMPUS FUNDING RESERVATION

DOCUMENT SUBSECTION: General Government Facilities

PROJECT LOCATION: Duke Street/Wheeler Ave/Witter Drive

MANAGING DEPARTMENT: Department of General Services

REPORTING AREA: Taylor Run/Duke Street

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: Varies

Witter/Wheeler Campus Funding Reservation													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	15,882,800	1,306,000	-	2,114,800	6,022,000	-	-	-	-	-	4,300,000	2,140,000	14,576,800
Financing Plan													
Cash Capital	1,983,800	1,170,000	-	813,800	-	-	-	-	-	-	-	-	813,800
GO Bonds	13,763,000	-	-	1,301,000	6,022,000	-	-	-	-	-	4,300,000	2,140,000	13,763,000
Prior Capital Funding	136,000	136,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	15,882,800	1,306,000	-	2,114,800	6,022,000	-	-	-	-	-	4,300,000	2,140,000	14,576,800
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects.

### PROJECT DESCRIPTION & JUSTIFICATION

In FY 2019, work began on the Witter Wheeler Campus Master Plan. The Witter Wheeler Campus represents the largest area of City owned land and properties, many of which need repair and have expanding usage. The Master Plan proposes the optimal location, reuse, or repurpose of the facilities to meet current and future needs for both City and ACPS operations. A determination of immediate, medium range, and long-range projects were developed to meet needs.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Witter-Wheeler Campus Funding Reservation (continued)

## Witter-Wheeler Campus Funding Reservation FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
No Projects Scheduled	\$0
<b>Total Fiscal Year 2023</b>	<b>\$0</b>

<b>Fiscal Year 2024</b>	
Description	Amount
DASH Security Upgrades	\$436,800
TES Security Upgrades	\$377,000
Stormwater Mitigation Project	\$6,000,000
3200 Colvin Street (Traffic Shop) Improvements	\$301,000
<b>Total Fiscal Year 2024</b>	<b>\$7,114,800</b>

<b>Fiscal Year 2025</b>	
Description	Amount
RPCA requested improvements	\$285,000
2900 BCD (TES/RPCA) Improvements - Phase I	\$587,000
<b>Total Fiscal Year 2025</b>	<b>\$872,000</b>

## BEATLEY BUILDING ENVELOPE RESTORATION

DOCUMENT SUBSECTION: Library Facilities  
 MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: 5005 Duke St.  
 REPORTING AREA: Landmark/Van Dorn  
 PROJECT CATEGORY: 2  
 ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 7: Thriving Children & Youth

Beatley Building Envelope Restoration													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,843,504	1,843,504	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	222,204	222,204	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	1,621,300	1,621,300	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	1,843,504	1,843,504	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

In FY 2014, a project was submitted in the Library CFMP that addressed exterior brick work and refurbishment of the internal gutter system due to seam failures. These repairs were needed due to water infiltration into the building. Upon further investigation during this project, other envelope failures became apparent. The Friends of the Beatley Library hired a water restoration engineering firm to observe the current water intrusion issues and provide a report regarding their findings and costs associated with their recommendations. This project is based on those recommendations and estimated costs and includes the following work: replacement of exterior glass doors, replacement of window units, landscape modification, flat roof replacement, replacement of first and second story flashing and exterior sealant.

Completion of this project will help maintain the building by keeping the interior of the building from water infiltration, decreasing costly repairs, and promoting a healthy environment. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## BURKE BRANCH RENOVATION

DOCUMENT SUBSECTION: Library Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: 4701 Seminary Rd  
REPORTING AREA: Seminary Hill

PRIMARY STRATEGIC THEME: Theme 7: Thriving Children & Youth

PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: Varies

Burke Branch Renovation													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>825,000</b>	825,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
GO Bonds	825,000	825,000	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>825,000</b>	825,000	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The Library's Burke facility's first floor space was altered while occupied by Alexandria City Public Schools (ACPS) and the current configuration does not align with the needs identified by the Alexandria Library. Renovating the first floor could provide for community meeting room space, instructional areas, a technology lab, quiet study areas, and additional space for children's and family programming.

This project will involve two phases:

- Phase 1 involves programming, feasibility study, and design for renovating the ground floor of the Burke Branch Library, which was vacated by the Alexandria City Public Schools (ACPS) in 2014. The study will include code requirements for bathrooms and consider the City's Green Building Policy in its recommendations for design and construction.
- Phase 2 involves the renovation of the space and is planned for FY 2023. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## LIBRARY CFMP

DOCUMENT SUBSECTION: Library Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Library CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	10,150,435	2,686,135	150,000	150,000	150,000	150,000	213,300	1,146,800	1,204,200	-	3,000,000	1,300,000	7,464,300
Financing Plan													
Cash Capital	1,631,435	1,631,435	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	8,519,000	1,054,700	150,000	150,000	150,000	150,000	213,300	1,146,800	1,204,200	-	3,000,000	1,300,000	7,464,300
Financing Plan Total	10,150,435	2,686,135	150,000	150,000	150,000	150,000	213,300	1,146,800	1,204,200	-	3,000,000	1,300,000	7,464,300
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The Library Capital Facilities Maintenance Program (CFMP) provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements, based on industry standards for life expectancy of equipment and materials necessary to adequately maintain the facility's physical plant. In some cases, the facility's equipment may be retained beyond the standard life expectancy if it is in satisfactory operating condition and it is cost-effective to do so. A prioritized list of projects planned for FY 2023 - 2025 is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change.

#### Facilities covered under this CFMP:

- Barrett Library
- Beatley Central Library
- Burke Library
- Duncan Library

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Library CFMP (continued)

## Library CFMP FY 2023 – FY 2025 Project List

Fiscal Year 2023	
Description	Amount
Unexpected Capital Maintenance	\$150,000
<b>Total Fiscal Year 2023</b>	<b>\$150,000</b>

Fiscal Year 2024	
Description	Amount
Unexpected Capital Maintenance	\$150,000
<b>Total Fiscal Year 2024</b>	<b>\$150,000</b>

Fiscal Year 2025	
Description	Amount
Unexpected Capital Maintenance	\$150,000
<b>Total Fiscal Year 2025</b>	<b>\$150,000</b>

## LIBRARY FACILITIES MASTER PLAN

DOCUMENT SUBSECTION: Library Facilities  
 MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide  
 PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Library Facilities Master Plan													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	220,000	-	-	-	220,000	-	-	-	-	-	-	-	220,000
Financing Plan													
Cash Capital	220,000	-	-	-	220,000	-	-	-	-	-	-	-	220,000
Financing Plan Total	220,000	-	-	-	220,000	-	-	-	-	-	-	-	220,000

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

There are several densely populated areas of the City where customers do not have access to nearby libraries. The Library Administration is trying find ways to meet the need of these growing and underserved population. The Library needs a Facilities Master Plan to identify the best locations to have library presence in those communities and help ensure meeting library industry benchmarks for the appropriate level of services when considering new expansion opportunities. The Library Administration is also looking into installing 3 lending kiosks in several underserved communities and the Master Plan would help identify the best location to place them. This study will also help understand the City's growth patterns and where we would place a new library and kiosks to suit the community growth and be good stewards of City funds.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## CITY HISTORIC FACILITIES CFMP

DOCUMENT SUBSECTION: Preservation of Historic Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

City Historic Facilities CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>29,307,138</b>	<b>14,382,038</b>	<b>840,000</b>	<b>623,400</b>	<b>2,800,000</b>	<b>1,900,000</b>	<b>2,000,000</b>	<b>1,500,000</b>	<b>400,000</b>	<b>1,500,000</b>	<b>1,400,000</b>	<b>1,961,700</b>	<b>14,925,100</b>
Financing Plan													
Cash Capital	7,371,490	4,419,490	-	-	-	-	1,452,000	-	-	1,500,000	-	-	2,952,000
GO Bond Interest Earnings	531,000	531,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	21,256,616	9,283,516	840,000	623,400	2,800,000	1,900,000	548,000	1,500,000	400,000	-	1,400,000	1,961,700	11,973,100
Prior Capital Funding	49,264	49,264	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	98,768	98,768	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>29,307,138</b>	<b>14,382,038</b>	<b>840,000</b>	<b>623,400</b>	<b>2,800,000</b>	<b>1,900,000</b>	<b>2,000,000</b>	<b>1,500,000</b>	<b>400,000</b>	<b>1,500,000</b>	<b>1,400,000</b>	<b>1,961,700</b>	<b>14,925,100</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Moreover, prior year project fund balance is available to meet short-term funding needed. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The City Historic Capital Facilities Maintenance Program (CFMP) provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements, based on industry standards for life expectancy of equipment and materials necessary to adequately maintain the facility's physical plant. In some cases, the facility's equipment may be retained beyond the standard life expectancy if it is in satisfactory operating condition, and it is cost-effective to do so. A prioritized list of projects planned for FY 2023 - 2025 is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

#### Facilities covered under this CFMP:

- American Legion
- Apothecary Museum
- Archaeology Space located at the Torpedo Factory
- Archives and Records
- Black History Museum
- Fort Ward
- 1315 Duke Street (Freedom House)
- Friendship Firehouse
- Gadsby's Museum and Restaurant
- Lloyd House
- Lyceum
- Ramsay Visitors Center
- Murray-Dick-Fawcett House
- Union Station
- Watson Reading Room

#### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

#### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## City Historic Facilities CFMP (continued)

## City Historic Facilities CFMP FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
Unexpected Maintenance	\$230,000
Unexpected Maintenance - Reeder House	\$150,000
Unexpected Maintenance - Freedom House	\$150,000
Remaining Projects	\$290,000
Fort Ward Front Entrance Gate	\$20,000
<b>Total Fiscal Year 2023</b>	<b>\$840,000</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Unexpected Maintenance	\$250,000
Unexpected Maintenance - Reeder House	\$150,000
Unexpected Maintenance - Freedom House	\$150,000
Fort Ward Revetments	\$73,400
<b>Total Fiscal Year 2024</b>	<b>\$623,400</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Unexpected Maintenance	\$250,000
Unexpected Maintenance - Reeder House	\$150,000
Unexpected Maintenance - Freedom House	\$150,000
Fort Ward Earthen Rampart Walls	\$700,000
Archives and Records Fire Escape Replacement	\$500,000
Gadsby's Complex Projects Phase 3	\$1,050,000
<b>Total Fiscal Year 2025</b>	<b>\$2,800,000</b>

## FREEDOM HOUSE MUSEUM RESTORATION

DOCUMENT SUBSECTION: Preservation of Historic Facilities  
MANAGING DEPARTMENT: Office of Historic Alexandria

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 2: Inclusive City

PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE:

Freedom House Museum Restoration													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	846,000	-	-	-	-	-	-	-	-	-	96,000	750,000	846,000
Financing Plan													
GO Bonds	846,000	-	-	-	-	-	-	-	-	-	96,000	750,000	846,000
Financing Plan Total	846,000	-	-	-	-	-	-	-	-	-	96,000	750,000	846,000

### CHANGES FROM PRIOR YEAR CIP

Funding added to FY 2031 and FY2032 for future restoration needs.

### PROJECT DESCRIPTION & JUSTIFICATION

The Freedom House Museum, located at 1315 Duke Street, was once part of the headquarters for the largest domestic slave trading firm in the United States, Franklin and Armfield. The City purchased Freedom House on March 25<sup>th</sup>, 2020 to ensure the long-term ownership of the building as a public museum, held for the public trust, and preserved to recall a painful but important era of national, state, and City history. This project restores and preserves Freedom House through exterior renovations, mechanical, electrical, and other system upgrades as well as cosmetic interior upgrades. The goal is to rehabilitate the building to include three floors of museum exhibits, a research/genealogy library, visitor services facilities, and museum offices. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

In FY 2021, based on an initiative by Governor Northam and a subsequent appropriation by the General Assembly, the Virginia Department of Historic Resources awarded \$2.433 million for this project. The Freedom House project will be delivered in phases: Phase 1 included the necessary renovations and temporary exhibition upgrades for the museum, and for the relocation of the Northern Virginia Urban League offices to the first floor. Phase 2 includes the building's Historic Structures Report, Master Plan, and the design and construction of the major renovations and restoration of Freedom House.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Freedom House Historic Structures Report, Freedom House Master Plan ( the Master Plan is forthcoming, but will serve as basis of scope)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

**DCHS CONSOLIDATION AND CO-LOCATION**

DOCUMENT SUBSECTION: Public Health and Welfare Facilities PROJECT LOCATION: 4850 Mark Center Drive

MANAGING DEPARTMENT: Department of General Services REPORTING AREA: Beauregard

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government PROJECT CATEGORY: 1

ESTIMATE USEFUL LIFE: Varies

DCHS Consolidation and Co-Location													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>97,558,007</b>	<b>24,358,007</b>	<b>73,200,000</b>	-	-	-	-	-	-	-	-	-	73,200,000
Financing Plan													
Cash Capital	2,440,477	2,440,477	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	94,121,232	20,921,232	73,200,000	-	-	-	-	-	-	-	-	-	73,200,000
Other City Sources	996,298	996,298	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>97,558,007</b>	<b>24,358,007</b>	<b>73,200,000</b>	-	-	-	-	-	-	-	-	-	73,200,000
Operating Impact	33,932,100	-	-	3,592,400	3,631,900	3,673,400	3,716,900	3,762,600	3,810,600	3,861,000	3,913,900	3,969,400	33,932,100

**CHANGES FROM PRIOR YEAR CIP**

Funding added to FY 2023 based on finalized renovation costs.

**PROJECT DESCRIPTION & JUSTIFICATION**

Operations in Alexandria for the Department of Community & Human Services, Neighborhood Health, and the Virginia Department of Health currently occupy over 210,000 SF in eight locations across the City. This project will take over 700 employees that serve clients in approximately 182,000 SF at six locations and consolidate them into a single location at 4850 Mark Center Drive, beginning in FY 2023. The facility will be renovated utilizing principles in accordance with the City's Green Building Policy, Environmental Action Plan, and the City's Workplace Guidelines. On July 7, 2020, City Council voted to purchase and renovate all ten stories of the facility rather than lease and renovate the lower eight stories. FY 2023 funds are requested to purchase and renovate an additional two floors plus three levels of underground parking that the City will occupy with the purchase.

**EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION**

City's Green Building Policy, Environmental Action Plan

**ADDITIONAL OPERATING IMPACTS**

Operating costs are anticipated for overlapping leases.

## HEALTH DEPARTMENT CFMP

DOCUMENT SUBSECTION: Public Health & Welfare Facilities  
 MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Alexandria West  
 REPORTING AREA: Alexandria West  
 PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Health Department CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	519,300	519,300	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	305,300	305,300	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	214,000	214,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	519,300	519,300	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding removed to accommodate funding restriction and increased needs in other projects.

### PROJECT DESCRIPTION & JUSTIFICATION

The Health Department Capital Facilities Maintenance Program (CFMP) provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements, based on industry standards for life expectancy of equipment and materials necessary to adequately maintain the facility's physical plant. In some cases, the facility's equipment may be retained beyond the standard life expectancy if it is in satisfactory operating condition and it is cost-effective to do so. This facility will become vacant once the DCHS/Health Department Consolidation project is completed and all occupants are moved into 4850 Mark Center Drive. An assessment of the 4480 King Street property will occur by FY 2023, this information will be helpful when deciding the future use of this facility. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

#### Facilities covered under this CFMP:

- 4480 King Street
- Flora Casey Clinic

#### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

#### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## MENTAL HEALTH RESIDENTIAL FACILITIES CFMP

DOCUMENT SUBSECTION: Public Health & Welfare Facilities  
 MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide  
 PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Mental Health Residential Facilities CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	7,227,079	4,527,079	-	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Financing Plan													
Cash Capital	2,094,504	2,094,504	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	5,132,575	2,432,575	-	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Financing Plan Total	7,227,079	4,527,079	-	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The Mental Health Residential Facilities Capital Facilities Maintenance Program (CFMP) provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements, based on industry standards for life expectancy of equipment and materials necessary to adequately maintain the facility's physical plant. In some cases, the facility's equipment may be retained beyond the standard life expectancy if it is in satisfactory operating condition and it is cost-effective to do so. A prioritized list of projects planned for FY 2023 - 2025 is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

#### Facilities covered under this CFMP:

- All Group Homes and Residences

#### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

#### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Mental Health Residential Facilities CFMP (continued)

## Mental Health Residential Facilities CFMP FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
No Projects Scheduled	\$0
<b>Total Fiscal Year 2023</b>	<b>\$0</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Unexpected Capital Maintenance	\$300,000
<b>Total Fiscal Year 2024</b>	<b>\$300,000</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Unexpected Capital Maintenance	\$300,000
<b>Total Fiscal Year 2025</b>	<b>\$300,000</b>

## ALEXANDRIA POLICE CFMP

DOCUMENT SUBSECTION: Public Safety Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Alexandria Police CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	4,477,600	214,500	727,600	150,000	150,000	150,000	150,000	150,000	150,000	551,400	584,100	1,500,000	4,263,100
Financing Plan													
GO Bonds	4,477,600	214,500	727,600	150,000	150,000	150,000	150,000	150,000	150,000	551,400	584,100	1,500,000	4,263,100
Financing Plan Total	4,477,600	214,500	727,600	150,000	150,000	150,000	150,000	150,000	150,000	551,400	584,100	1,500,000	4,263,100
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding increased due to assessment needs. Additionally, \$1.5 million in funding was added to FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The Alexandria Police Capital Facilities Maintenance Program (CFMP) provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements, based on industry standards for life expectancy of equipment and materials necessary to adequately maintain the facility's physical plant. In some cases, the facility's equipment may be retained beyond the standard life expectancy if it is in satisfactory operating condition and it is cost-effective to do so. A prioritized list of projects planned for FY 2023 - 2025 is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

#### Facilities covered under this CFMP:

- Alexandria Police Headquarters
- Pistol Range
- Canine Facility

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## Alexandria Police CFMP (continued)

## Alexandria Police CFMP FY 2023 – FY 2025 Project List

Fiscal Year 2023	
Description	Amount
Security System Upgrade - Construction	\$577,600
Unexpected Capital Maintenance	\$150,000
<b>Total Fiscal Year 2023</b>	<b>\$727,600</b>

Fiscal Year 2024	
Description	Amount
Unexpected Capital Maintenance	\$150,000
<b>Total Fiscal Year 2024</b>	<b>\$150,000</b>

Fiscal Year 2025	
Description	Amount
Unexpected Capital Maintenance	\$150,000
<b>Total Fiscal Year 2025</b>	<b>\$150,000</b>

## COURTHOUSE CFMP

DOCUMENT SUBSECTION: Public Safety Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: 520 King Street  
REPORTING AREA: Old Town  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: 16 - 20 Years

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Courthouse CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	13,379,300	10,556,600	-	1,680,000	158,200	161,200	127,600	131,400	135,300	139,400	143,600	146,000	2,822,700
Financing Plan													
Cash Capital	3,937,600	3,937,600	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	180,000	180,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	9,261,700	6,439,000	-	1,680,000	158,200	161,200	127,600	131,400	135,300	139,400	143,600	146,000	2,822,700
Financing Plan Total	13,379,300	10,556,600	-	1,680,000	158,200	161,200	127,600	131,400	135,300	139,400	143,600	146,000	2,822,700
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The Courthouse Capital Facilities Maintenance Program (CFMP) provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements, based on industry standards for life expectancy of equipment and materials necessary to adequately maintain the facility's physical plant. In some cases, the facility's equipment may be retained beyond the standard life expectancy if it is in satisfactory operating condition and it is cost-effective to do so. A prioritized list of projects planned for FY 2023 - 2025 is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change.

In FY 2015, the Courthouse was included in the Facility Conditions Assessments. The results of the assessment clearly defined 10 years of facility maintenance repairs and their corresponding costs and projects that require renewal, at the same time creating efficiencies that can be achieved by staging projects together. Based on the findings of the assessment, a feasibility study was conducted in FY 2019 - 2020. The feasibility study and subsequent design will provide a multi-year phased plan for renovations in order to keep the Courthouse open and functional. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Courthouse CFMP (continued)

## Courthouse CFMP FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
No Projects Scheduled	\$0
<b>Total Fiscal Year 2023</b>	<b>\$0</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Phase Four Renovations	\$1,680,000
<b>Total Fiscal Year 2024</b>	<b>\$1,680,000</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Unexpected Maintenance	\$158,200
<b>Total Fiscal Year 2025</b>	<b>\$158,200</b>

## COURTHOUSE/PSC SECURITY SYSTEM UPGRADE

DOCUMENT SUBSECTION: Public Safety Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: 6 - 10 Years

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient  
Community

Courthouse/PSC Security System Upgrade													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	8,641,200	3,328,100	-	-	-	-	-	-	-	-	-	5,313,100	5,313,100
Financing Plan													
Cash Capital	5,356,700	2,255,000	-	-	-	-	-	-	-	-	-	3,101,700	3,101,700
GO Bonds	3,284,500	1,073,100	-	-	-	-	-	-	-	-	-	2,211,400	2,211,400
Financing Plan Total	8,641,200	3,328,100	-	-	-	-	-	-	-	-	-	5,313,100	5,313,100
Operating Impact	107,400	-	-	-	-	-	-	-	-	-	-	107,400	107,400

### CHANGES FROM PRIOR YEAR CIP

Funding in FY 2030 moved out to FY 2032 to accommodate funding restriction and increased needs in other projects.

### PROJECT DESCRIPTION & JUSTIFICATION

This project replaces existing outdated, obsolete software and related hardware security systems that are critical to optimal security measures required at the Courthouse (501 King Street) and PSC William G. Truesdale Adult Detention Center (2001-2003 Mill Road). At the Courthouse, the security alarms and notifications part of the system failed in December 2015. A security expert conducted an assessment and submitted their report in January 2016 recommending immediate upgrades to the security systems at each facility. The recommendation includes replacement of the existing software and installation of compatible security systems equipment and devices. This includes cameras, touchscreens, watch tour, reports, monitors, integration with workstation panels, and card access with photo and tracking. Future funding is budgeted for necessary upgrades to the system.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

There are potential future operating costs due to system service contracts and the potential need for a new position.

## FIRE & RESCUE CFMP

DOCUMENT SUBSECTION: Public Safety Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

Fire & Rescue CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	14,773,713	10,547,813	500,000	100,000	100,000	696,300	263,100	265,000	281,800	376,100	696,600	947,000	4,225,900
Financing Plan													
Cash Capital	4,304,371	4,304,371	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	434,313	434,313	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	10,035,029	5,809,129	500,000	100,000	100,000	696,300	263,100	265,000	281,800	376,100	696,600	947,000	4,225,900
Financing Plan Total	14,773,713	10,547,813	500,000	100,000	100,000	696,300	263,100	265,000	281,800	376,100	696,600	947,000	4,225,900
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The Fire and Rescue Capital Facilities Maintenance Program (CFMP) provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements, based on industry standards for life expectancy of equipment and materials necessary to adequately maintain the facility's physical plant. In some cases, the facility's equipment may be retained beyond the standard life expectancy if it is in satisfactory operating condition and it is cost-effective to do so. A prioritized list of projects planned for FY 2023 - 2025 is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

#### Facilities covered under this CFMP:

- Fire Station 201 (Old Town) - 317 Prince Street, Alexandria, VA 22314
- Fire Station 202 (Del Ray) - 213 East Windsor Avenue, Alexandria, VA 22301
- Fire Station 203 (Beverly Hills) - 2801 Cameron Mills Road, Alexandria, VA 22302
- Fire Station 204 (Powhatan Park) - 900 Second Street, Alexandria, VA 22314
- Fire Station 205 (Rosemont) - 1210 Cameron Street, Alexandria, VA 22314
- Fire Station 206 (Seminary Valley) - 4609 Seminary Road, Alexandria, VA 22304
- Fire Station 207 (Cameron Valley) - 3301 Duke Street, Alexandria, VA 22314
- Fire Station 208 (Landmark) - 175 North Paxton Street, Alexandria, VA 22304
- Fire Station 209 (Potomac Yards) - 2800 Main Line Boulevard, Alexandria, VA 22305
- Fire Station 210 (Eisenhower Valley) - 5255 Eisenhower Avenue, Alexandria, VA 22304

#### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

#### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Fire &amp; Rescue CFMP (continued)

## Fire &amp; Rescue CFMP FY 2023 – FY 2025 Project List

Fiscal Year 2023	
Description	Amount
Unexpected Capital Maintenance	\$500,000
<b>Total Fiscal Year 2023</b>	<b>\$500,000</b>

Fiscal Year 2024	
Description	Amount
Unexpected Capital Maintenance	\$100,000
<b>Total Fiscal Year 2024</b>	<b>\$100,000</b>

Fiscal Year 2025	
Description	Amount
Unexpected Capital Maintenance	\$100,000
<b>Total Fiscal Year 2025</b>	<b>\$100,000</b>

## FIRE STATION 205 (CAMERON STREET)

DOCUMENT SUBSECTION: Public Safety Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION:  
REPORTING AREA:  
PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: 30+ Years

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient  
Community

Fire Station 205 (Cameron Street)													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	28,706,300	-	-	-	6,174,000	-	-	4,141,700	18,390,600	-	-	-	28,706,300
Financing Plan													
GO Bonds	28,706,300	-	-	-	6,174,000	-	-	4,141,700	18,390,600	-	-	-	28,706,300
Financing Plan Total	28,706,300	-	-	-	6,174,000	-	-	4,141,700	18,390,600	-	-	-	28,706,300
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

Fire Station 205, built in 1949, is 69 years old, will be 24 years beyond the life cycle for a fire station at the time of construction. The current facility is not adequate to accommodate the current specifications of an up-to-date fire station and the site is not ideally located to provide optimal service coverage to the community nor is the current site large enough to fulfil the needs of a larger fire station.

To serve the community effectively, the fire station will need to be housed in a new location and built to current industry specifications. Having this new fire station will allow the fire department to have more capacity when it comes to handling emergencies.

The scope of work includes the identification and acquisition of a new site and the design and construction of a new facility. This new fire-EMS station will provide the fire department with 4 drive-through apparatus bays; and office, storage, living, and physical fitness space for 12 on-duty personnel in a one story 25,000 square foot facility to handle the emergent and public service incidents for the current and developing community.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

FIRE TRAINING CENTER RENOVATION

DOCUMENT SUBSECTION: Public Safety Facilities

MANAGING DEPARTMENT: Department of General Services

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

PROJECT LOCATION: Citywide

REPORTING AREA: Citywide

PROJECT CATEGORY: 2

ESTIMATE USEFUL LIFE: Varies

Fire Training Center Renovation													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,216,800	-	-	-	-	-	-	-	-	-	-	1,216,800	1,216,800
Financing Plan													
GO Bonds	1,216,800	-	-	-	-	-	-	-	-	-	-	1,216,800	1,216,800
Financing Plan Total	1,216,800	-	-	-	-	-	-	-	-	-	-	1,216,800	1,216,800

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

PROJECT DESCRIPTION & JUSTIFICATION

The condition of the interior of the Fire Training Center has deteriorated over 25 years since it was last updated inside and is no longer conducive to the training that takes place there. This facility is also the back-up EOC for the city and is far below the standard of what a facility of such criticality should be. There is also no security or cameras in this location. This entails substantial renovation of the fixtures and casework of the locker rooms and kitchen. All other rooms of the Fire Training wing will require full renovation but keeping the existing architectural layout.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## LANDMARK FIRE STATION

DOCUMENT SUBSECTION: Public Safety Facilities  
 MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: TBD  
 REPORTING AREA: Landmark/Van Dorn  
 PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Landmark Fire Station (formerly Fire Station 208 Replacement)													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>23,351,300</b>	-	-	<b>4,000,000</b>	-	-	-	<b>19,351,300</b>	-	-	-	-	23,351,300
Financing Plan													
GO Bonds	23,351,300	-	-	4,000,000	-	-	-	19,351,300	-	-	-	-	23,351,300
<b>Financing Plan Total</b>	<b>23,351,300</b>	-	-	<b>4,000,000</b>	-	-	-	<b>19,351,300</b>	-	-	-	-	23,351,300
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding amount increased to reflect further scope refinement and funding plan was updated.

### PROJECT DESCRIPTION & JUSTIFICATION

Fire Station 208, built in 1976, is currently 44 years old and will be at the end of its expected life cycle for a fire station at the time the planned construction of its replacement (FY 2028) is anticipated. The current facility is not adequate to accommodate the current specifications of an up-to-date fire station and the site is not ideally located to provide optimal service coverage to the community nor is the current site large enough to fulfil the needs of a larger fire station.

To serve the community effectively, the fire station will need to be built in a new location and to current industry specifications. Having this new fire station will allow the fire department to have more capacity when it comes to handling emergencies. At this time, planning is under way to relocate this station to the Landmark Mall redevelopment site and would likely be comprised of a fire station on the lower levels and workforce/affordable multi-family housing comprising the upper floors. The current funding provides for a facility of approximately 33,000 square feet and will include four bays to accommodate apparatus, as well as administrative, physical fitness, and living space for a minimum of 14 on-duty staff. Concept discussions are underway so the size and programming needs may change, therefore affecting the current planning budget. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## BURN BUILDING REPLACEMENT

DOCUMENT SUBSECTION: Public Safety Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: 805 S. Payne St.  
REPORTING AREA: Southwest Quadrant  
PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: 16 - 20 Years

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

New Burn Building													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	3,341,300	325,400	-	3,015,900	-	-	-	-	-	-	-	-	3,015,900
Financing Plan													
GO Bonds	3,341,300	325,400	-	3,015,900	-	-	-	-	-	-	-	-	3,015,900
Financing Plan Total	3,341,300	325,400	-	3,015,900	-	-	-	-	-	-	-	-	3,015,900
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Construction funding increased and moved from FY 2023 to FY 2024.

### PROJECT DESCRIPTION & JUSTIFICATION

The Fire Department's Burn Building was constructed in 1981. Industry experts studied this facility in 2007 and again in late 2008. Both of these studies have acknowledged that the life of the building should be no more than 30 years, which made it due for replacement in 2012. Beyond this, in compliance with the Virginia Department of Fire Programs, any burn building must be inspected and reviewed every five years to comply with National Fire Protection Association standards. This includes a formal and structural review of the building. This year, the review of the building identified some structural concerns which may not be worth fixing if the building is replaced. The building has gone through many maintenance projects to keep it in compliance with current standards. As the building continues to age, the maintenance costs will continue to increase exponentially. A new burn building would benefit the City in the following ways:

- More accurately simulate buildings that have been constructed in the City over the past 30 years.
- Provide for more training opportunities other than just basic fire scenarios (technical rescue, etc.)
- Provide staff with a safer training environment. The current building has numerous deficiencies that are cost prohibitive to correct.
- Allow for more efficient use of the space immediately around the burn building.
- Increase opportunities for aerial ladder and ground ladder training.
- Provide more realistic training in a new building because it would be designed internally with features that allow the instructors to control the fire growth and smoke travel.
- Allow for more useful patient removal training scenarios during EMT class and incumbent training scenarios.

Design was funded in FY 2022.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Green Building Policy (2019)

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## OFFICE OF THE SHERIFF CFMP

DOCUMENT SUBSECTION: Public Safety Facilities  
MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: 2001/03 Mill Rd  
REPORTING AREA: Eisenhower East  
PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

Office of the Sheriff CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	26,603,702	12,477,702	226,000	3,600,000	-	-	3,200,000	6,800,000	-	100,000	100,000	100,000	14,126,000
Financing Plan													
Cash Capital	5,999,445	5,999,445	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	20,341	20,341	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	20,114,488	5,988,488	226,000	3,600,000	-	-	3,200,000	6,800,000	-	100,000	100,000	100,000	14,126,000
Prior Capital Funding	469,428	469,428	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	26,603,702	12,477,702	226,000	3,600,000	-	-	3,200,000	6,800,000	-	100,000	100,000	100,000	14,126,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The Office of the Sheriff Capital Facilities Maintenance Program (CFMP) provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements, based on industry standards for life expectancy of equipment and materials necessary to adequately maintain the facility's physical plant. In some cases, the facility's equipment may be retained beyond the standard life expectancy if it is in satisfactory operating condition and it is cost-effective to do so. A prioritized list of projects planned for FY 2023 - 2025 is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

In FY 2015, the Detention Center was included in the Facility Conditions Assessments. The results of the assessment clearly defined 10 years of facility maintenance repairs and their corresponding costs and projects that require renewal, at the same time creating efficiencies that can be achieved by staging projects together. Based on the findings of the assessment, a feasibility study was conducted in FY 2019 - 2020. The feasibility study and subsequent design will provide a multi-year phased plan for renovations in order to keep the Detention Center open and functional.

#### Facilities covered under this CFMP:

- Public Safety Center
- William G. Truesdale Detention Center

#### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

#### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Office of the Sheriff CFMP (continued)

## Office of the Sheriff CFMP FY 2023 – 2025 Project List

Fiscal Year 2023	
Description	Amount
Unexpected Maintenance	\$200,000
Workspace Installation	\$26,000
<b>Total Fiscal Year 2023</b>	<b>\$226,000</b>

Fiscal Year 2024	
Description	Amount
Phase One Renovations	\$3,600,000
<b>Total Fiscal Year 2024</b>	<b>\$3,600,000</b>

Fiscal Year 2025	
Description	Amount
No Projects Scheduled	\$0
<b>Total Fiscal Year 2025</b>	<b>\$0</b>

PSC FUEL STATION REFURBISHMENT

DOCUMENT SUBSECTION: Public Safety Facilities

MANAGING DEPARTMENT: Department of General Services

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

PROJECT LOCATION: Citywide

REPORTING AREA: Citywide

PROJECT CATEGORY: 2

ESTIMATE USEFUL LIFE: 20+ Years

PSC Fuel Station Refurbishment													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,218,600	-	1,218,600	-	-	-	-	-	-	-	-	-	1,218,600
Financing Plan													
GO Bonds	1,218,600	-	1,218,600	-	-	-	-	-	-	-	-	-	1,218,600
Financing Plan Total	1,218,600	-	1,218,600	-	-	-	-	-	-	-	-	-	1,218,600

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

PROJECT DESCRIPTION & JUSTIFICATION

The current facility is well beyond its service life and is in violation of new VDEQ underground fuel dispensing and storage regulations. A significant amount of water intrusion is resting in the below ground sump system. This is requiring excessive maintenance performed every few days, versus it being done once per week.

The existing station consists of two dispensing pumps fed from an underground fuel storage tank. The existing pumps and tank are obsolete and need to be totally removed. The removal of contaminated soils is also anticipated due to the age and condition of the equipment. Following environmental remediation, an above ground storage and dispensing facility will be constructed in the same location.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## TACTICAL TRAINING SPACE

DOCUMENT SUBSECTION:	Public Safety Facilities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	PROJECT CATEGORY:	3
		ESTIMATE USEFUL LIFE:	Varies

Tactical Training Space													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	309,000	309,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	309,000	309,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	309,000	309,000	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The Alexandria Police Department (APD) provides training to develop and maintain skills, tactics, and asset-based assistance in response to planned events and unplanned tactical and environmental crises. These functions require a high level of training to ensure appropriate and defensible incident response and involve coordinated training with the Alexandria Fire Department, Sheriff's Office, ACPS, and other regional partners in areas like Tactical Emergency Casualty Care (TECC), Rescue Task Force (RTF), and active violent incident response. The current space being used was given by permission by the property managers at Landmark Mall. The space is being redeveloped and is not fully secure. New training space is required to ensure APD, AFD, ASO, and ACPS are prepared to handle significant crises in coordination to mitigate or even prevent the loss of innocent lives. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## VOLA LAWSON ANIMAL SHELTER

DOCUMENT SUBSECTION: Public Safety Facilities  
 MANAGING DEPARTMENT: Department of General Services

PROJECT LOCATION: 4101 Eisenhower Ave.  
 REPORTING AREA: Seminary Hill  
 PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient  
 Community

Vola Lawson Animal Shelter													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	4,901,093	3,518,093	40,000	40,000	40,000	161,900	164,100	337,200	100,000	100,000	299,800	100,000	1,383,000
Financing Plan													
Cash Capital	3,834,757	2,451,757	40,000	40,000	40,000	161,900	164,100	337,200	100,000	100,000	299,800	100,000	1,383,000
GO Bond Interest Earnings	27,563	27,563	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	343,532	343,532	-	-	-	-	-	-	-	-	-	-	-
Prior Capital Funding	195,241	195,241	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	500,000	500,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	4,901,093	3,518,093	40,000	40,000	40,000	161,900	164,100	337,200	100,000	100,000	299,800	100,000	1,383,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides for capital infrastructure improvements required at the Vola Lawson Animal Shelter, which is the City animal shelter located on Eisenhower Avenue. The City is responsible for scheduled and unscheduled capital replacement and maintenance of elements and systems at the facility as defined in a contract between the City and the Animal Welfare League (current facility manager).

The Vola Lawson Animal Shelter Capital Facilities Maintenance Program (CFMP) provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements, based on industry standards for life expectancy of equipment and materials necessary to adequately maintain the facility's physical plant. In some cases, the facility's equipment may be retained beyond the standard life expectancy if it is in satisfactory operating condition and it is cost-effective to do so. A prioritized list of projects planned for FY 2023 - 2025 is included on the next page. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change. As appropriate, projects will adhere to the City's Green Building Policy, adopted in June 2019, and any future green policies, initiatives, and code requirements that are forth coming.

#### Facilities covered under this CFMP:

- Vola Lawson Animal Shelter

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Vola Lawson Animal Shelter (continued)

## Vola Lawson Animal Shelter FY 2023 – FY 2025 Project List

Fiscal Year 2023	
Description	Amount
Unexpected Capital Maintenance	\$40,000
<b>Total Fiscal Year 2023</b>	<b>\$40,000</b>

Fiscal Year 2024	
Description	Amount
Unexpected Capital Maintenance	\$40,000
<b>Total Fiscal Year 2024</b>	<b>\$40,000</b>

Fiscal Year 2025	
Description	Amount
Unexpected Capital Maintenance	\$40,000
<b>Total Fiscal Year 2025</b>	<b>\$40,000</b>



# TRANSPORTATION & TRANSIT

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## Transportation Improvement Program (TIP)

### Proposed FY 2023 – FY 2032 Sources and Uses

In FY 2012, City Council approved funding equal to 2.2 cents on the base real estate tax rate and additional General Fund cash capital to create a Transportation Improvement Program (TIP) for the purpose of expanding transportation infrastructure and transit options throughout the City. As part of the FY 2015 budget process, as the City realized new revenue from NVT A 70% and 30% sources, the definition of the TIP was expanded for any transportation related expenditure. Expanding this definition has allowed the City to direct TIP resources toward the maintenance of its existing transportation infrastructure while using the new NVT A funding, private development contributions, and the continued use of TIP proceeds to advance expanded transportation and transit infrastructure and services throughout the City. The TIP funds capital improvements, operating costs, and debt service on General Obligation Bonds issued in FY 2013. Details of the fund revenues, operating expenditures and capital projects are included below.

	FY 2022 Approved	Proposed FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 23-FY32
<b>Revenues</b>												
TIP Reserved Real Estate Tax Rate	\$9,511,807	\$10,164,916	\$10,368,214	\$10,575,579	\$10,787,090	\$11,002,832	\$11,222,889	\$11,447,346	\$11,676,293	\$11,909,819	\$12,148,016	\$111,302,994
TIP Cash Capital	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TIP Bonds Reprogrammed from Prior Years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TIP General Obligation Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TIP General Obligation Bonds Reprogrammed from Prior Years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Use of Fund Balance	\$0	\$0	\$796,233	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$796,233
Reimbursed TIP Funds (NVT A)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total TIP Revenues</b>	<b>\$9,511,807</b>	<b>\$10,164,916</b>	<b>\$11,164,447</b>	<b>\$10,575,579</b>	<b>\$10,787,090</b>	<b>\$11,002,832</b>	<b>\$11,222,889</b>	<b>\$11,447,346</b>	<b>\$11,676,293</b>	<b>\$11,909,819</b>	<b>\$12,148,016</b>	<b>\$112,099,227</b>

#### Summary of Operating Expenditures, Debt Service and Capital Projects

	FY 2022	Proposed FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 23-FY32
<b>Expenditure Overview</b>												
TIP Operating	\$5,913,160	\$6,689,512	\$6,847,876	\$7,010,953	\$7,180,412	\$7,354,261	\$7,533,506	\$7,719,156	\$7,911,219	\$8,108,703	\$8,312,617	\$74,668,215
TIP Operating - WMATA	\$2,231,107	\$928,734	\$1,674,734	\$1,225,263	\$1,525,225	\$1,327,841	\$1,342,949	\$1,201,235	\$1,165,743	\$1,135,954	\$1,411,661	\$12,939,339
TIP Capital Projects	\$865,967	\$1,896,300	\$1,571,400	\$1,929,400	\$1,775,500	\$2,022,700	\$1,993,500	\$2,167,800	\$2,250,300	\$2,390,300	\$2,156,600	\$20,153,800
TIP Debt Service (2013 \$6.75M Bond Issuance)	\$501,573	\$650,370	\$648,145	\$393,962	\$289,953	\$281,030	\$334,934	\$341,156	\$330,031	\$255,862	\$247,137	\$3,772,580
<b>Total TIP Expenditures</b>	<b>\$9,511,807</b>	<b>\$10,164,916</b>	<b>\$10,742,154</b>	<b>\$10,559,579</b>	<b>\$10,771,090</b>	<b>\$10,985,832</b>	<b>\$11,204,889</b>	<b>\$11,429,346</b>	<b>\$11,657,293</b>	<b>\$11,890,819</b>	<b>\$12,128,016</b>	<b>\$111,533,935</b>

# Transportation Improvement Program (TIP)

## Proposed FY 2023 – FY 2032 Sources and Uses

### Details of Operating Expenditures

<b>Non-motorized Transportation</b>												
Capital Bikeshare	\$703,500	\$1,300,000	\$1,365,000	\$1,433,000	\$1,505,000	\$1,580,000	\$1,659,000	\$1,742,000	\$1,829,000	\$1,920,000	\$2,016,000	\$16,349,000
<b>Public Transit</b>												
DASH Operating	\$2,460,158	\$2,720,000	\$2,761,000	\$2,802,000	\$2,844,000	\$2,887,000	\$2,930,000	\$2,974,000	\$3,019,000	\$3,064,000	\$3,110,000	\$29,111,000
Supplemental Trolley Operations	\$219,618	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Maintenance</b>												
Metroway Maintenance	\$83,000	\$84,000	\$85,000	\$86,000	\$87,000	\$88,000	\$89,000	\$90,000	\$91,000	\$92,000	\$93,000	\$885,000
Bus Shelter Maintenance	\$102,000	\$104,000	\$106,000	\$108,000	\$110,000	\$112,000	\$114,000	\$116,000	\$118,000	\$120,000	\$122,000	\$1,130,000
Street Repair Budget	\$881,000	\$894,000	\$907,000	\$921,000	\$935,000	\$949,000	\$963,000	\$977,000	\$992,000	\$1,007,000	\$1,022,000	\$9,567,000
Trail Maintenance	\$20,400	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	\$210,000
King Street Station Operations	\$66,000	\$67,000	\$68,000	\$69,000	\$70,000	\$71,000	\$72,000	\$73,000	\$74,000	\$75,000	\$76,000	\$715,000
<b>Other Costs</b>												
Transportation Implementation Staff - T&ES Positions	\$502,398	\$564,340	\$581,000	\$598,000	\$616,000	\$634,000	\$653,000	\$673,000	\$693,000	\$714,000	\$735,000	\$6,461,340
Indirect Costs to General Fund	\$875,086	\$935,172	\$953,876	\$972,953	\$992,412	\$1,012,261	\$1,032,506	\$1,053,156	\$1,074,219	\$1,095,703	\$1,117,617	\$10,239,875
<b>TIP Operating Costs</b>	<b>\$5,913,160</b>	<b>\$6,689,512</b>	<b>\$6,847,876</b>	<b>\$7,010,953</b>	<b>\$7,180,412</b>	<b>\$7,354,261</b>	<b>\$7,533,506</b>	<b>\$7,719,156</b>	<b>\$7,911,219</b>	<b>\$8,108,703</b>	<b>\$8,312,617</b>	<b>\$74,668,215</b>

### Details of Capital Projects

Transportation Improvement Program (TIP) Projects	Proposed											Total
Capital Subsection	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 23-FY32
<b>Public Transit</b>												
WMATA Capital Contributions (TIP Cash)	\$452,967	\$385,000	\$0	\$50,000	\$150,000	\$70,000	\$0	\$135,000	\$175,000	\$270,000	\$0	\$1,235,000
Bus Shelter Capital Maintenance (CFMP)	\$0	\$113,000	\$116,400	\$119,900	\$123,500	\$127,200	\$131,000	\$135,000	\$139,000	\$143,200	\$147,500	\$1,295,700
<b>Streets &amp; Bridges</b>												
Street Reconstruction & Resurfacing/Major Rd. (TIP Cash)	\$0	\$700,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$9,700,000
<b>Smart Mobility</b>												
Transportation Technologies (TIP Cash)	-	\$265,300	-	\$281,500	-	\$298,500	\$309,500	\$316,800	\$326,300	\$336,100	\$336,100	\$2,470,100
<b>Capitalized Positions</b>												
Sustainability Coordinator (through Environmental Restoration)	\$53,000	\$55,000	\$58,000	\$61,000	\$64,000	\$67,000	\$70,000	\$74,000	\$78,000	\$82,000	\$86,000	\$695,000
Transportation Implementation Staff - DPI Positions	\$360,000	\$378,000	\$397,000	\$417,000	\$438,000	\$460,000	\$483,000	\$507,000	\$532,000	\$559,000	\$587,000	\$4,758,000
<b>Total CIP Transportation Improvement Program</b>	<b>\$865,967</b>	<b>\$1,896,300</b>	<b>\$1,571,400</b>	<b>\$1,929,400</b>	<b>\$1,775,500</b>	<b>\$2,022,700</b>	<b>\$1,993,500</b>	<b>\$2,167,800</b>	<b>\$2,250,300</b>	<b>\$2,390,300</b>	<b>\$2,156,600</b>	<b>\$20,153,800</b>

Northern Virginia Transportation Authority (NVTA) – 30% Funds  
Proposed FY 2023 – FY 2032 Sources and Uses  
Revenues, Operating Expenditures, and Capital Projects

Revenues/Expenditures	Approved FY 2022	Proposed FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 23 - 32
<b>Revenues</b>												
NVTA 30%	\$ 7,140,000	\$ 7,354,000	\$ 7,560,000	\$ 7,772,000	\$ 7,990,000	\$ 8,214,000	\$ 8,444,000	\$ 8,680,000	\$ 8,923,000	\$ 9,173,000	\$ 9,430,000	\$ 83,540,000
<b>Appropriated Revenue</b>	<b>\$ 8,390,000</b>	<b>\$ 7,354,000</b>	<b>\$ 7,560,000</b>	<b>\$ 7,772,000</b>	<b>\$ 7,990,000</b>	<b>\$ 8,214,000</b>	<b>\$ 8,444,000</b>	<b>\$ 8,680,000</b>	<b>\$ 8,923,000</b>	<b>\$ 9,173,000</b>	<b>\$ 9,430,000</b>	
<b>Capital Details</b>												
DASH Bus Fleet Replacements	\$ -	\$ 1,616,000	\$ 1,500,000	\$ -	\$ 3,992,000	\$ 1,554,900	\$ -	\$ 1,680,600	\$ 1,706,000	\$ 1,824,000	\$ 1,610,000	\$ 15,483,500
DASH Hybrid Bus and Trolley Powertrain Replacement	\$ -	\$ -	\$ 142,000	\$ 164,000	\$ 100,000	\$ 236,100	\$ 163,900	\$ 170,400	\$ 177,000	\$ -	\$ -	\$ 1,153,400
Transit Strategic Plan in Alexandria	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WMATA Capital Contributions	\$ 4,725,000	\$ 3,400,000	\$ 3,580,000	\$ 5,270,000	\$ 1,560,000	\$ 1,685,000	\$ 3,470,100	\$ 1,945,000	\$ 2,080,000	\$ 2,310,000	\$ 2,700,000	\$ 28,000,100
I-395 Ramp at Duke Street / Landmark Mall	\$ 1,250,000											
<b>Subtotal, Capital Projects</b>	<b>\$ 6,050,000</b>	<b>\$ 5,016,000</b>	<b>\$ 5,222,000</b>	<b>\$ 5,434,000</b>	<b>\$ 5,652,000</b>	<b>\$ 3,476,000</b>	<b>\$ 3,634,000</b>	<b>\$ 3,796,000</b>	<b>\$ 3,963,000</b>	<b>\$ 4,134,000</b>	<b>\$ 4,310,000</b>	<b>\$ 44,637,000</b>
<b>Operating Details</b>												
WMATA Subsidy	\$ 1,573,000	\$ 1,573,000	\$ 1,573,000	\$ 1,573,000	\$ 1,573,000	\$ 1,573,000	\$ 1,573,000	\$ 1,573,000	\$ 1,573,000	\$ 1,573,000	\$ 1,573,000	\$ 15,730,000
Transit Staffing Contingency	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,500,000
DASH Service Operations & Expansion	\$ 615,000	\$ 615,000	\$ 615,000	\$ 615,000	\$ 615,000	\$ 615,000	\$ 615,000	\$ 615,000	\$ 615,000	\$ 615,000	\$ 615,000	\$ 6,150,000
Transit Corridor "C" - West End Transitway Operations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,400,000	\$ 2,472,000	\$ 2,546,000	\$ 2,622,000	\$ 2,701,000	\$ 2,782,000	\$ 15,523,000
<b>Subtotal, Operating</b>	<b>\$ 2,338,000</b>	<b>\$ 2,338,000</b>	<b>\$ 2,338,000</b>	<b>\$ 2,338,000</b>	<b>\$ 2,338,000</b>	<b>\$ 4,738,000</b>	<b>\$ 4,810,000</b>	<b>\$ 4,884,000</b>	<b>\$ 4,960,000</b>	<b>\$ 5,039,000</b>	<b>\$ 5,120,000</b>	<b>\$ 38,903,000</b>
<b>Total, Operating &amp; Capital</b>	<b>\$ 8,388,000</b>	<b>\$ 7,354,000</b>	<b>\$ 7,560,000</b>	<b>\$ 7,772,000</b>	<b>\$ 7,990,000</b>	<b>\$ 8,214,000</b>	<b>\$ 8,444,000</b>	<b>\$ 8,680,000</b>	<b>\$ 8,923,000</b>	<b>\$ 9,173,000</b>	<b>\$ 9,430,000</b>	<b>\$ 83,540,000</b>
<b>Total Planned Revenue Sources less Expenditures</b>	<b>\$ 2,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Note: Projects with a \$0 total funding are active capital projects funded in prior CIP's that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Transportation												
High Capacity Transit Corridors												
Transit Corridor "A" - Route 1	29,853,743	-	-	-	-	-	10,000,000	-	-	-	-	10,000,000
Transit Corridor "B" - Duke Street	12,190,000	-	-	55,800,000	-	19,200,000	-	-	-	-	-	75,000,000
Transit Corridor "C" - West End Transitway	13,619,167	4,029,000	24,587,000	32,613,000	5,000,000	-	-	-	-	-	-	66,229,000
Transitway Enhancements	1,454,491	-	-	-	-	-	-	-	-	-	-	-
High Capacity Transit Corridors Total	57,117,401	4,029,000	24,587,000	88,413,000	5,000,000	19,200,000	10,000,000	-	-	-	-	151,229,000
Non-Motorized Transportation												
Access Improvements at Landmark	-	513,000	1,013,100	5,288,500	-	-	-	-	-	-	-	6,814,600
Alexandria Mobility Plan	-	-	-	-	-	-	-	750,000	-	-	-	750,000
Bicycle Parking at Transit	543,742	-	-	-	-	-	-	-	-	-	-	-
CMAQ Contingency from Cancelled Backlick Run Multi-Use Paths	2,210,003	-	-	-	-	-	-	-	-	-	-	-
Complete Streets	10,668,903	671,000	798,900	828,500	858,400	889,600	922,100	956,500	991,300	1,028,100	1,066,000	9,010,400
Duke Street and West Taylor Run Safety Improvements	-	701,000	1,390,000	-	1,815,000	-	-	-	-	-	-	3,906,000
King Street-Bradlee Roadway Improvements	-	915,000	1,300,000	-	-	-	-	-	-	-	-	2,215,000
Lower King Street Street Closure	-	100,000	232,000	2,055,000	-	-	-	-	-	-	-	2,387,000
Mt. Vernon Avenue North Complete Streets	1,000,000	-	-	-	-	-	-	-	1,000,000	-	-	1,000,000
Mt. Vernon Trail @ East Abingdon	850,000	-	-	-	-	-	-	-	-	-	-	-
Old Cameron Run Trail	3,555,404	2,646,000	1,123,000	1,045,000	-	-	-	-	-	-	-	4,814,000
Safe Routes to School	-	100,000	154,600	419,200	431,800	501,200	515,900	626,900	645,800	665,200	685,200	4,745,800
Seminary / Howard Safety Improvements	377,990	-	-	-	-	-	-	-	-	-	-	-
Sidewalk Capital Maintenance	5,298,469	910,500	558,900	966,800	592,800	1,025,600	629,000	1,088,000	667,200	1,123,600	701,700	8,264,100
South Patrick Street Median Improvements	-	1,335,000	1,000,000	1,046,000	-	-	-	-	-	-	-	3,381,000
Transportation Project Planning	-	250,000	350,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,600,000
Non-Motorized Transportation Total	30,274,259	8,627,082	8,271,100	11,949,000	4,348,000	2,666,400	2,317,000	3,671,400	3,554,300	3,066,900	2,702,900	51,174,082
Public Transit												
DASH Bus Fleet Replacements	24,362,728	5,888,600	10,549,000	318,000	10,668,600	18,469,400	163,900	8,409,400	19,978,000	28,950,400	1,610,000	105,005,300
DASH Facility Expansion	18,858,161	-	-	1,281,000	-	-	-	-	-	-	-	4,209,000
DASH Fleet Expansion & Electrification	-	-	12,147,500	12,015,000	5,027,800	-	-	-	-	-	-	29,190,300
Eisenhower Metrorail Station Improvements	6,794,840	-	-	-	-	-	-	-	-	-	-	-
Electric Bus On-Route Charging Stations	-	-	-	1,894,000	1,950,800	1,004,800	-	-	-	-	-	4,849,600
King Street Metrorail Station Area Improvements	17,910,395	-	-	-	-	-	-	-	-	-	-	-
Landmark Mall Transit Center	-	-	-	-	6,987,700	6,009,500	-	-	-	-	-	12,997,200
Transit Access & Amenities	5,194,148	400,000	-	-	-	-	-	-	-	-	-	400,000
Transit Staffing Contingency	-	-	-	-	-	-	-	-	-	-	-	-
Transit Strategic Plan in Alexandria	150,000	-	-	-	-	-	-	-	-	-	-	-
Public Transit Total	458,336,929	6,401,600	25,740,900	15,627,900	24,758,400	25,610,900	294,900	8,544,400	20,117,000	29,093,600	1,757,500	157,947,100
Smart Mobility												
Citywide Parking - Parking Technologies	1,610,169	250,000	-	-	-	-	-	-	-	-	-	250,000
Citywide Trans. Mgmt. Tech. - Broadband Communications Link	1,018,742	-	-	-	-	-	-	-	-	-	-	-
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	10,709,051	735,189	600,000	2,385,400	-	-	-	-	-	-	-	3,720,589
Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade	653,000	60,000	175,200	202,800	208,800	215,000	221,400	228,200	235,100	242,200	491,700	2,280,400
Citywide Trans. Mgmt. Tech. - Transportation Technologies	1,620,312	265,300	-	281,500	-	298,500	309,500	316,800	326,300	336,100	336,100	2,470,100
DASH Technologies	627,568	350,000	255,800	-	1,026,000	1,307,400	289,900	-	-	-	-	3,229,100
Smart Mobility Implementation	-	-	-	-	3,306,400	883,000	-	-	-	-	-	4,189,400
Traffic Adaptive Signal Control	5,266,347	2,953,000	-	-	-	-	-	-	-	-	-	2,953,000
Transit Signal Priority	1,255,491	-	374,000	1,736,000	-	-	-	-	-	-	-	2,110,000
Smart Mobility Total	22,760,680	4,613,489	1,405,000	4,605,700	4,541,200	2,703,900	820,800	545,000	561,400	578,300	827,800	21,202,589
Streets and Bridges												
Bridge Repairs	13,157,092	2,517,788	2,733,600	2,979,500	3,209,200	7,063,900	4,934,600	5,949,700	6,320,800	6,846,800	7,284,100	49,839,988
East Glebe & Route 1	4,600,000	-	350,000	-	535,000	-	1,317,000	1,261,000	-	-	-	3,463,000
Eisenhower Avenue Roadway Improvements	11,690,110	-	-	-	-	-	-	-	-	-	-	-
Fixed Transportation Equipment	25,072,201	2,593,400	1,081,300	985,000	1,068,500	1,074,800	1,107,000	1,140,300	1,232,100	1,243,100	1,280,400	12,805,900
Four Mile Run Bridge Program	13,000,000	7,000,000	500,000	-	-	-	-	-	-	-	-	7,500,000
Historic Infrastructure Materials	-	508,300	387,300	398,700	414,400	498,300	447,900	465,700	483,900	546,500	587,200	4,738,200
Landmark Mall 395 Ramp Improvements	3,260,000	-	-	-	8,842,200	-	-	-	-	-	-	8,842,200
Seminary Road at Beauregard Street Ellipse	325,000	500,000	-	3,250,000	-	33,000,000	-	-	-	-	-	36,750,000
Street Reconstruction & Resurfacing of Major Roads	52,098,576	7,110,000	5,150,000	5,250,000	5,460,000	5,600,000	6,380,000	8,600,000	5,060,000	8,050,000	6,760,000	63,420,000
Streets and Bridges Total	141,560,239	21,429,488	11,302,200	12,863,200	19,529,300	47,237,000	14,186,500	17,416,700	13,096,800	16,686,400	15,911,700	189,659,288
WMATA Capital Contributions												
Public Transit												
WMATA Capital Contributions	178,051,034	16,260,000	16,655,000	17,065,000	17,485,000	17,920,000	18,365,000	18,825,000	19,300,000	19,790,000	20,120,000	181,785,000
<b>Grand Total</b>	<b>888,100,541</b>	<b>61,360,659</b>	<b>87,961,200</b>	<b>150,523,800</b>	<b>75,661,900</b>	<b>115,338,200</b>	<b>45,984,200</b>	<b>49,002,500</b>	<b>56,629,500</b>	<b>69,215,200</b>	<b>41,319,900</b>	<b>752,997,059</b>

### Significant Project Changes in the Transportation Section

This year's Capital Improvement Program (CIP) underwent significant changes for a variety of reasons. A major driver was the need to accommodate several new projects, and commitments to funding, while keeping the General Fund transfer to the CIP consistent and staying within City debt limits. This means funding for projects in other categories had to be decreased, or removed.

Projects with increased funding in this CIP section total \$129.3 million, while \$23.9 million in reductions were made. Therefore, this section had a net increase of \$105.4 million, or +17 percent of the Approved FY 2022 – FY 2031 funding level. Note, these comparisons do not include Fiscal Years 2022 or 2032 funding.

This section is unique because of its large dependence on grant and special revenue funding. City Unrestricted funding (i.e. general fund cash capital and general obligation bonds) in this section only increased from last year's Approved CIP by \$6.7 million over 10-years, whereas anticipated grant funding increases by \$134 million. City match is often required to leverage grant funding.

The below chart highlights any project funding that increased or decreased by more than 15%, or \$1 million.

CIP Subsection	CIP Doc Title	TOTAL FY 2023 - 2032	Amount Changed Since FY22 Approved CIP*	Percentage Changed Since FY22 Approved CIP
Smart Mobility	DASH Technologies	3,229,100	2,373,355	277.3%
Non-Motorized Transportation	Capital Bikeshare	1,286,182	786,182	157.2%
Public Transit	DASH Fleet Expansion & Electrification	29,190,300	29,190,300	100.0%
Public Transit	Landmark Mall Transit Center	12,997,200	12,997,200	100.0%
High Capacity Transit Corridors	Transit Corridor "A" - Route 1	10,000,000	10,000,000	100.0%
Streets and Bridges	Landmark Mall 395 Ramp Improvements	8,842,200	8,842,200	100.0%
Public Transit	Electric Bus On-Route Charging Stations	4,849,600	4,849,600	100.0%
Public Transit	DASH Facility Expansion	4,209,000	4,209,000	100.0%
Smart Mobility	Smart Mobility Implementation	4,189,400	4,189,400	100.0%
Streets and Bridges	Historic Infrastructure Materials	4,738,200	4,151,000	100.0%
Non-Motorized Transportation	Safe Routes to School	4,745,800	4,060,600	100.0%
Streets and Bridges	East Glebe & Route 1	3,463,000	3,463,000	100.0%
Non-Motorized Transportation	South Patrick Street Median Improvements	3,381,000	3,381,000	100.0%
Non-Motorized Transportation	Lower King Street Street Closure	2,387,000	2,387,000	100.0%
Non-Motorized Transportation	Transportation Project Planning	2,600,000	2,350,000	100.0%
Streets and Bridges	King & Beauregard Intersection Improvements	2,300,000	2,300,000	100.0%
Smart Mobility	Transit Signal Priority	2,110,000	2,110,000	100.0%
Public Transit	Bus Shelter Maintenance	1,295,700	1,148,200	100.0%
Non-Motorized Transportation	Mt. Vernon Avenue North Complete Streets	1,000,000	1,000,000	100.0%
Non-Motorized Transportation	Alexandria Mobility Plan	750,000	750,000	100.0%
Non-Motorized Transportation	Sidewalk Capital Maintenance	8,264,100	2,557,600	51.1%
Streets and Bridges	Bridge Repairs	49,839,988	12,178,888	40.1%
High Capacity Transit Corridors	Transit Corridor "C" - West End Transitway	66,229,000	5,000,391	8.2%
Streets and Bridges	Street Reconstruction & Resurfacing of Major Roads	63,420,000	2,748,900	5.1%
Public Transit	DASH Bus Fleet Replacements	105,005,300	(10,270,900)	(9.0%)
Streets and Bridges	Four Mile Run Bridge Program	7,500,000	(9,500,000)	(55.9%)
Public Transit	Transit Staffing Contingency	-	(1,350,000)	(100.0%)
Non-Motorized Transportation	CMAQ Contingency from Cancelled Backlick Run Multi-Use Paths	-	(2,400,648)	(100.0%)

\*This dollar amount was calculated by comparing FY 2023 – 2031 funding levels of the FY 2022 Approved CIP and this FY 2023 Proposed CIP. Since the FY 2022 Approved CIP did not have FY 2032 funding designations, that FY was removed from these calculations.

## BUS SHELTER MAINTENANCE

DOCUMENT SUBSECTION: Public Transit  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

Bus Shelter Maintenance													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,295,700	-	113,000	116,400	119,900	123,500	127,200	131,000	135,000	139,000	143,200	147,500	1,295,700
Financing Plan													
TIP	1,295,700	-	113,000	116,400	119,900	123,500	127,200	131,000	135,000	139,000	143,200	147,500	1,295,700
Financing Plan Total	1,295,700	-	113,000	116,400	119,900	123,500	127,200	131,000	135,000	139,000	143,200	147,500	1,295,700

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project supports the ongoing maintenance, cleaning, repairs, and reconstruction of bus shelters within the city of Alexandria. As DASH announced free fares and with the expansion of WMATA bus routes to encourage people to use transit, more people will be utilizing bus shelters. Bus shelters are a vital visual indicator and provide shelter during inclement weather, and the greater use will require additional maintenance.

Being able to properly maintain the bus shelter is the critical first impression between the customer and the transit service. Performance of the transit service, the bus shelter maintenance is often factored into the rider's satisfaction with the overall service.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Alexandria Mobility Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time

## DASH BUS FLEET REPLACEMENTS

DOCUMENT SUBSECTION: Public Transit  
MANAGING DEPARTMENT: Department of Transportation and Environmental Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal Transportation

PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: 11 - 15 Years

DASH Bus Fleet Replacements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	129,368,028	24,362,728	5,888,600	10,549,000	318,000	10,668,600	18,469,400	163,900	8,409,400	19,978,000	28,950,400	1,610,000	105,005,300
Financing Plan													
Cash Capital	12,588,506	2,167,006	-	152,000	154,000	1,694,500	998,800	-	-	2,270,700	5,151,500	-	10,421,500
GO Bonds	11,626,100	810,000	-	-	-	596,100	3,343,850	-	2,108,400	2,547,850	2,219,900	-	10,816,100
NVTA 30% Funds	33,759,900	17,123,000	1,616,000	1,642,000	164,000	4,092,000	1,791,000	163,900	1,851,000	1,883,000	1,824,000	1,610,000	16,636,900
Sale of Property Revenue	500,000	500,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	3,154,728	3,154,728	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants (Unsecured)	59,853,300	-	-	5,750,100	-	4,286,000	12,335,750	-	4,450,000	13,276,450	19,755,000	-	59,853,300
TIP	607,994	607,994	-	-	-	-	-	-	-	-	-	-	-
Use of CIP Designated Fund Balance	7,277,500	-	4,272,600	3,004,900	-	-	-	-	-	-	-	-	7,277,500
Financing Plan Total	129,368,028	24,362,728	5,888,600	10,549,000	318,000	10,668,600	18,469,400	163,900	8,409,400	19,978,000	28,950,400	1,610,000	105,005,300
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects. Funding added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides for the replacement of buses and trolleys in the DASH fleet. DASH develops an annual Transit Development Program which indicates the number of buses needed to replace aging vehicles in the fleet and maintain an adequate spare ratio. DASH Powertrain/Hybrid Battery Replacements, which was previously a separate CIP project, is now included in the DASH Fleet Replacement CIP project.

From FY 2011 through FY 2017, DASH purchased buses and trolleys with hybrid technology for all replacement and expansion needs. Hybrid-propulsion buses have both vehicle battery packs and smaller diesel engines that work together to power the bus. As with any bus, these components of the powertrain can fail and sometimes need to be rebuilt or replaced during the vehicle's 12 year expected life. The battery packs cost approximately \$50,000 each. Diesel engine rehabilitation or replacement costs about \$25,000 each. DASH will continue repairing or replacing hybrid powertrain components as needed to ensure each bus reaches its 12-year expected lifespan. These funds may also be used in the future towards the replacement or rehabilitation of batteries on 100% electric buses on an as-needed basis.

Beginning in FY 2018, DASH began purchasing clean diesel rather than hybrid buses to reduce costs and improve fleet reliability. With the switch to clean diesel buses, DASH has been able to pursue a more aggressive fleet replacement schedule to meet its State Of Good-Repair (SOG) requirements and reduce the number of older, more heavily polluting vehicles that were operated beyond their 12-year useful life as defined by the FTA. This change to clean diesel buses will remain consistent with the City's Eco-City Action Plan to reduce vehicle emissions – as newer clean diesel buses have far fewer emissions than the older vehicles they are replacing - and reducing the overall cost per bus. The clean diesel buses will also provide a more reliable fleet as DASH begins its next transition towards using electric buses.

DASH is pursuing a transition (depending on cost feasibility, range progress, and reliability) from clean diesel to a 100% electric bus fleet over the next 15 years. DASH has purchased 14 100% electric buses over the last two years, including six replacement buses that were funded by the Virginia VW Environmental Mitigation Trust. DASH is the first transit agency in Northern Virginia to deploy electric buses. The City and DASH have completed the first phase of a Zero Emission Bus Implementation Study which will provide a detailed, strategic roadmap to transition the entire fleet by approximately FY 2037. The second phase of this study is expected to be completed by late 2022.

(continued on next page)

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Eco-City Charter, Alexandria Mobility Plan

### ADDITIONAL OPERATING IMPACTS

The Zero Emission Bus Implementation Study will help determine the cost of related operating impacts such as the transition from diesel fuel to electricity as the primary energy source for the DASH fleet.



*Dash Bus Fleet Replacements (continued)*

For FY 2023, DASH has 15 buses that will have reached the end of their useful life and are eligible for replacement; however, due to funding constraints, DASH is only requesting 8 clean diesel replacement buses. DASH and City staff are working to apply for federal funding which could fund the cost differential for these eight buses to be 100% electric as well as the purchase of up to 7 additional 100% electric replacement buses/trolleys and the associated charging infrastructure.

Funding is the most significant constraint on the pace of transition. Since the up-front cost of an electric bus is nearly twice that of a clean diesel, these buses will require a higher up-front capital investment. Significant state, federal, or regional grant support will need to be identified and secured to fully fund electrification of the DASH bus fleet in the next 15 years. While it is possible that some of the increased up-front investment may be recovered through lower lifecycle maintenance costs, this cannot yet be accurately determined.

## DASH FACILITY EXPANSION

DOCUMENT SUBSECTION: Public Transit  
MANAGING DEPARTMENT: Department of Transportation and Environmental Services

PROJECT LOCATION: 3000 Business Center Drive  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal Transportation

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 20-30 years

DASH Facility Expansion													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	23,067,161	18,858,161	-	2,928,000	1,281,000	-	-	-	-	-	-	-	4,209,000
Financing Plan													
NVTA 70% Funds	9,933,161	9,933,161	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	8,925,000	8,925,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants (Smartscale)	4,209,000	-	-	2,928,000	1,281,000	-	-	-	-	-	-	-	4,209,000
Financing Plan Total	23,067,161	18,858,161	-	2,928,000	1,281,000	-	-	-	-	-	-	-	4,209,000
Operating Impact	900,000	-	-	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000

### CHANGES FROM PRIOR YEAR CIP

In previous CIPs, this DASH Facility Expansion project was included as part of the larger "DASH Fleet & Facility Expansion" CIP project. For simplicity, that project has been separated into two distinct CIP projects - "DASH Fleet Expansion and Electrification," and this project, "DASH Facility Expansion."

### PROJECT DESCRIPTION & JUSTIFICATION

This project includes the expansion of bus parking and storage facilities on the west side of the existing DASH garage to support up to an additional 45 buses in the fleet for increased service levels in key development areas, maintain adequate spare ratio to accommodate new technology, and to provide adequate space for simultaneously receiving new bus orders and de-commissioning the vehicles that are being replaced. DASH is also planning to include new utility infrastructure and electric bus charging equipment as a component of this project to support a transition of the fleet to electric buses. The initial construction phase of the facility expansion is expected to provide covered bus parking with a minimum of 20 additional electric chargers, and additional electric infrastructure that is needed to support the increased number of bus chargers. Phase II of this project would add 20 additional chargers and transition the covered bus parking area from Phase I into an enclosed, climate-controlled facility.

The Facility Expansion project provides for the necessary capital and infrastructure improvements to enable DASH and the City to improve transit service as outlined in the Alexandria Mobility Plan and the Alexandria Transit Vision Plan, which was partially implemented via the New DASH Network in FY 2022. With the expansion facility and fleet, the City will be well-positioned to implement the short- and long-term recommendations from the Alexandria Transit Vision Plan over the next decade, including the West End Transitway and Duke Street BRT projects

The Facility Expansion will also include provisions for electric buses, including upgraded electric bus charging infrastructure and charging equipment over the next decade. These investments will be guided by the City and DASH's Zero Emission Bus Implementation Study, which will be complete by FY 2023.

In FY 2023, design and engineering work for the facility expansion will be largely completed and procurement of a construction contractor will begin. Construction of the facility expansion will begin in FY 2024. Additional electric bus charging infrastructure deployments will be coordinated with construction of the facility expansion.

This project includes the facility expansions and improvements from two grants - a FY 2018 SMART SCALE "DASH Facility & Fleet Expansion" grant and a FY 2022 NVTA 70% grant for "DASH Service Enhancements & Electrification".

#### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Alexandria Mobility Plan, Environmental Action Plan, Alexandria Transit Vision Plan

#### ADDITIONAL OPERATING IMPACTS

Estimated operating cost increase of DASH service expansion provided by grant-funded bus fleet expansion.

## DASH FLEET EXPANSION & ELECTRIFICATION

DOCUMENT SUBSECTION: Public Transit  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: 3000 Business Center Drive  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: 11 - 15 years

DASH Fleet Expansion & Electrification													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	29,190,300	-	-	12,147,500	12,015,000	5,027,800	-	-	-	-	-	-	29,190,300
Financing Plan													
State/Federal Grants (Unsecured)	17,190,300	-	-	7,187,500	4,975,000	5,027,800	-	-	-	-	-	-	17,190,300
State/Federal Grants (Smartscale)	12,000,000	-	-	4,960,000	7,040,000	-	-	-	-	-	-	-	12,000,000
Financing Plan Total	29,190,300	-	-	12,147,500	12,015,000	5,027,800	-	-	-	-	-	-	29,190,300

### CHANGES FROM PRIOR YEAR CIP

Funding for this project has increased. In previous CIPs, this DASH Fleet Expansion project was included as part of the larger "DASH Fleet & Facility Expansion" CIP project. For simplicity, that project has been separated into two distinct CIP projects - "DASH Facility Expansion," and this project, "DASH Fleet Expansion & Electrification."

### PROJECT DESCRIPTION & JUSTIFICATION

The DASH Fleet Expansion project provides for additional buses that are needed to maintain and expand bus service levels consistent with the Alexandria Mobility Plan and the Alexandria Transit Vision Plan. This project includes 26 expansion buses and three expansion trolleys that would be added to the DASH fleet over the next five years to increase and expand service across the City and in key development areas, consistent with the Alexandria Transit Vision Plan network as approved by the ATC Board of Directors in 2019. The majority of these buses are anticipated to be 100% electric as part the ongoing DASH fleet transition that expected to be completed by 2037.

The Fleet Expansion project provides for the necessary fleet investments to enable the City to improve transit service as outlined in the City's strategic plan and the Alexandria Transit Vision Plan, which was partially implemented via the New DASH Network in FY 2022. The New DASH Network provides more useful service for the City of Alexandria by introducing frequent, all-day bus service to areas where more people will be able to use it. The new citywide, high frequency network is highlighted by buses running every 15 minutes or sooner, throughout the day, seven days a week in the West End, Landmark, Arlandria, Potomac Yard, and Old Town. With the expanded fleet, the City will be well-positioned to implement the short- and long-term recommendations from the Alexandria Transit Vision Plan over the next decade, including the West End Transitway and Duke Street BRT projects.

The Fleet Expansion project also includes funding for at least 20 100% electric expansion buses and supporting chargers over the next five years. These fleet improvements will be guided by the City and DASH's Zero Emission Bus Implementation Study (Phase II), which will be completed by FY 2023.

This new project includes the fleet expansions from three separate grants - a FY 2018 SMART SCALE "DASH Facility & Fleet Expansion" grant, a FY 2019 SMART SCALE "DASH Zero Emission Fleet Expansion," and a FY 2022 NVTa 70% grant for "DASH Service Enhancements & Electrification."

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Alexandria Mobility Plan, Environmental Action Plan, Alexandria Transit Vision Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## EISENHOWER METRORAIL STATION IMPROVEMENTS

DOCUMENT SUBSECTION:	Public Transit	PROJECT LOCATION:	2400 Eisenhower Ave. (Eisenhower Avenue Metro)
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Eisenhower East
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	PROJECT CATEGORY:	2
		ESTIMATE USEFUL LIFE:	30+ Years

Eisenhower Metrorail Station Improvements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	6,794,840	6,794,840	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	42,000	42,000	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	350,000	350,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	6,152,840	6,152,840	-	-	-	-	-	-	-	-	-	-	-
TIP	250,000	250,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	6,794,840	6,794,840	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

In the spring of 2003, the City of Alexandria approved a small area plan which guides development in East Eisenhower, and the plan was updated in 2020. The plan calls for significant amounts of high-density development within a short distance of the Eisenhower Avenue Metrorail station. To permit large mixed-use development in this area, a new street grid must be built, and utilities relocated. The existing Eisenhower Avenue Metrorail station entrance is approved to be modified to accommodate the development.

Overall improvements include renovation of the bus loop into a realigned street grid to serve future adjacent development, relocation of transit services and kiss and ride for improved efficiency, design and construction of an attractive pedestrian plaza in front of the station, and real-time bus information displays. The project also includes near and longer-term pedestrian improvements across Eisenhower to improve safety and access between the station and existing and future development to the north of Eisenhower Avenue. The near-term improvements, including ADA curb ramps and crosswalks, were completed in FY 2022. The design of the long-term pedestrian improvements (enhanced pedestrian crossing) began in FY 2022.

Implementation of City-funded improvements (station plaza redevelopment) is contingent on the redevelopment of adjacent parcels. The developer is responsible for the design and construction of the loop road surrounding the plaza, and must be completed prior to the construction of the plaza.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Eisenhower East Small Area Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## ELECTRIC BUS ON-ROUTE CHARGING STATIONS

DOCUMENT SUBSECTION: Public Transit  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: 11 - 15 Years

Electric Bus On-Route Charging Stations													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	4,849,600	-	-	-	1,894,000	1,950,800	1,004,800	-	-	-	-	-	4,849,600
Financing Plan													
State/Federal Grants (Unsecured)	4,849,600	-	-	-	1,894,000	1,950,800	1,004,800	-	-	-	-	-	4,849,600
Financing Plan Total	4,849,600	-	-	-	1,894,000	1,950,800	1,004,800	-	-	-	-	-	4,849,600

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will provide funding for “on-route” bus charging stations that will support the DASH fleet transition to 100% Electric buses. There are two basic types of electric bus chargers: (1) “depot” charging stations for longer charging sessions that typically occur overnight or during middays, and (2) “on-route” or “opportunity” chargers, which are installed at strategic bus terminal locations for shorter bus charging sessions that can be performed between trips during layover periods. “On-route” electric bus charging stations are critical for extending the battery range of electric buses so that they can operate for longer periods of time without returning to the garage depot. Since battery range is the most significant operational constraint for electric bus usage, additional on-route charging stations will allow DASH to accelerate its transition from clean diesel buses to a 100% electric fleet.

To date, all DASH bus chargers are “depot” charging stations. This project would provide for the right-of-way acquisition, purchase, and installation of up to five on-route bus charging stations. Potential locations that have been identified for on-route chargers include Landmark Mall, Potomac Yard Metro, Eisenhower Metro, and Mark Center or Southern Towers; however, additional engineering discussions with relevant stakeholders will be required before any plans move forward. The number, locations and usage profile of on-route charging stations will also be informed by Phase II of the DASH Zero Emission Fleet Implementation Plan, which is expected to be completed by late 2022.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Alexandria Mobility Plan, Environmental Action Plan, Alexandria Transit Vision Plan

### ADDITIONAL OPERATING IMPACTS

Chargers will require additional electrical costs at each of the selected locations, but this would be offset by potential fuel/electricity cost reductions at DASH facility. Chargers will also provide for more efficient operations since electric buses that can use these charging stations will not need to return to DASH Facility in the middle of the day.

## LANDMARK MALL TRANSIT CENTER

DOCUMENT SUBSECTION: Public Transit  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: 30+ Years

Landmark Mall Transit Center													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>12,997,200</b>	-	-	-	-	<b>6,987,700</b>	<b>6,009,500</b>	-	-	-	-	-	12,997,200
Financing Plan													
State/Federal Grants	12,997,200	-	-	-	-	6,987,700	6,009,500	-	-	-	-	-	12,997,200
<b>Financing Plan Total</b>	<b>12,997,200</b>	-	-	-	-	<b>6,987,700</b>	<b>6,009,500</b>	-	-	-	-	-	12,997,200
Operating Impact	160,000	-	-	-	-	-	-	-	40,000	40,000	40,000	40,000	160,000

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 – FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

As part of the redevelopment of the former Landmark Mall site, the existing transit center will be moved from the back of the existing mall to a central location in the new mixed-use development. A grid street network will be developed on the 51-acre site. Most streets will include bike and pedestrian infrastructure, and one central block will be a dedicated transit center with up to six bus bays. The conceptual site plan has been developed, and it is anticipated to be refined and finalized in the next few years. The centrally located transit center is a key component of the transportation network of the redevelopment.

The new transit center will service existing WMATA and DASH bus service to, and through, the redeveloped mall site and hospital, as well as the West End Transitway and Duke Street Transitway lines. The project allows for capacity for additional future routes, electric bus charging facilities, and operator restroom and break facilities.

This transit center replaces the key transfer point that is currently located behind the former mall site. The new centrally located transit center was part of the 2020 Alexandria Transit Vision Plan. Planning and design are being completed in coordination with the redevelopment project. Based on Council direction, in 2021 the City was awarded \$13 million of VDOT SMART SCALE funds for planning, design, right-of-way, and construction.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

2020 Alexandria Transit Vision Plan

### ADDITIONAL OPERATING IMPACTS

Maintenance of hardware and equipment post-construction.

## POTOMAC YARD METRORAIL STATION

DOCUMENT SUBSECTION: Public Transit  
 MANAGING DEPARTMENT: Department of Project Implementation

PROJECT LOCATION: Potomac Yard  
 REPORTING AREA: Potomac Yard/Potomac Greens, North Potomac Yard

PRIMARY STRATEGIC THEME: Theme 10: Multimodal Transportation

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: 30+ Years

Potomac Yard Metrorail Station													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	385,066,657	385,066,657	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
GO Bonds	175,001,024	175,001,024	-	-	-	-	-	-	-	-	-	-	-
NVTA 70% Funds	69,500,000	69,500,000	-	-	-	-	-	-	-	-	-	-	-
PY Special Tax District Revenue	39,565,633	39,565,633	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	51,000,000	51,000,000	-	-	-	-	-	-	-	-	-	-	-
VTIB State Loan	50,000,000	50,000,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	385,066,657	385,066,657	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	30,959,600	-	-	3,048,700	3,140,200	3,234,400	3,331,400	3,431,300	3,534,200	3,640,000	3,749,400	3,850,000	30,959,600

### CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides for studies, planning, and construction of a new Metrorail infill station at Potomac Yard. The City of Alexandria is the project sponsor, with design and construction managed by WMATA. The Potomac Yard Metrorail Station Concept Development Study was completed in 2010. A new Metrorail station was included as part of the North Potomac Yard Small Area Plan, approved in 2010 and amended in 2017. Construction was initiated in 2019 and is expected to be completed in 2022.

Project development was subject to the requirements of the National Environmental Policy Act (NEPA) and Section 4(f) of the Department of Transportation Act. The Federal Transit Administration and the National Park Service issued their Records of Decision for the Potomac Yard Metrorail Station in 2016. WMATA procured a contractor for the design-build contract in the summer of 2018. The City received the Virginia Water Protection Permit in September 2019 and the Clean Water Act (CWA) Section 404 permit from the US Army Corps of Engineers in November 2019. Ground breaking for the project occurred in December 2019, and revenue service is anticipated in fall 2022.

The original budget for the project was \$270.0 million, including the planning phase, preliminary engineering, and preparation of the design-build bid package. In 2018, City Council authorized an increase of \$50 million in the Potomac Yard Metrorail Station project budget to \$320 million based on changes in labor, materials, and the bidding climate. In late 2018, as part of the decision to construct an Amazon headquarters at National Landing, the State committed an additional \$50 million to Alexandria to enhance the southwest access to the station. WMATA formally added the southwest access enhancements to the Contractor's contract in early 2021. The total project costs are expected to equal \$370 million.

The funding sources include \$69.5 million from Northern Virginia Transportation Authority (NVTA) that has already been awarded and spent and a \$50 million loan from the Virginia Transportation Infrastructure Bank (VTIB) that has also been secured. The project budget also includes \$200 million to be comprised of a combination of Potomac Yard funded cash capital and long-term General Obligation (GO) bonds. Both the VTIB loan and the GO Bonds are planned to be structured to best align the repayment with the tax revenue growth associated with the Potomac Yard area, including the use of "capitalized interest". Potomac Yard generated tax revenues and developer contributions will repay 100% of the VTIB and GO Bonds. As part of the Amazon HQ2/Virginia Tech Innovation campus funding, the City was awarded \$50 million (\$20 million federal CMAQ and \$30 million state funding) to enhance the station access from East Glebe Road.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Potomac Yard Coordinated Development District (CDD) approved by City Council, October 1999; Transportation Master Plan approved by City Council, April 2008; North Potomac Yard Small Area Plan adopted by City Council, May 2010; City Council Resolution No. 2676, Adoption of Alternative B as the Locally Preferred Alternative for the Potomac Yard Metrorail Station, May 20, 2015.

### ADDITIONAL OPERATING IMPACTS

Per the Final EIS (Environmental Impact Statement), the new Metrorail station will increase the City's operating subsidy to WMATA by approximately \$3 million per year. The Potomac Yard Station fund revenues are projected to fund this cost.

## TRANSIT ACCESS & AMENITIES

DOCUMENT SUBSECTION: Public Transit  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: Varies

Transit Access & Amenities													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>5,594,148</b>	<b>5,194,148</b>	<b>400,000</b>	-	-	-	-	-	-	-	-	-	400,000
Financing Plan													
Cash Capital	255,223	255,223	-	-	-	-	-	-	-	-	-	-	-
NVTA 30% Funds	1,100,000	1,100,000	-	-	-	-	-	-	-	-	-	-	-
NVTA 70% Funds	450,000	450,000	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	60,000	60,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	3,630,549	3,230,549	400,000	-	-	-	-	-	-	-	-	-	400,000
TIP	98,376	98,376	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>5,594,148</b>	<b>5,194,148</b>	<b>400,000</b>	-	-	-	-	-	-	-	-	-	400,000
Operating Impact	187,300	-	-	-	12,000	24,700	25,500	24,700	25,500	24,700	25,500	24,700	187,300

### CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides funding to add and replace existing bus shelters with new shelters and amenities such as benches, trash cans, bike racks and improved lighting. These features are important to attract riders to transit and post-Covid, back to transit. Many bus stops around the City do not have bus shelters or are several decades old and have exceeded their useful life. New shelters offer transit riders a more attractive and comfortable environment, which is directly related to customers' satisfaction with public transportation.

This project also funds improvements to bring the stops into compliance with ADA standards. The project is primarily funded by federal and state grants for the procurement and installation of bus shelters and site work such as concrete pads. A first phase of the project installed 28 new shelters and was completed in FY 2020. In FY 2022, the City selected a new bus shelter model that provided design flexibility to enable placement in more locations. In FY 2023 and FY 2024, the design of the initial bus shelter sites (approximately 20) and procurement of a site contractor will occur. Construction will commence in FY 2025. Approximately 10 more sites are being planned for future implementation of this project. Funds provided by the FHWA and VDOT will be used to implement this project. This work is important to increase the comfort for bus passengers and to increase the visibility of the bus system, both of which have been shown to increase ridership. Staff is coordinating with the implementation of the Transit Vision Plan and the Bike Parking at Transit project. Shelter locations have yet to be determined, and staff will prioritize equity and ridership when selecting locations citywide.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Alexandria Mobility Plan, Environmental Action Plan, Alexandria  
 Transit Vision Plan

### ADDITIONAL OPERATING IMPACTS

Increased shelter maintenance costs.



## TRANSIT STRATEGIC PLAN IN ALEXANDRIA

DOCUMENT SUBSECTION: Public Transit  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: Varies

Transit Strategic Plan in Alexandria													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	150,000	150,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
NVTA 30% Funds	75,000	75,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	75,000	75,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	150,000	150,000	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The Virginia General Assembly passed legislation in 2018 that requires transit agencies operating in urbanized areas to develop a Transit Strategic Plan (TSP) to ensure that transit services are planned in a way that better meets the mobility needs of their communities. This gives those agencies an opportunity to evaluate and update their services and networks to respond to changes in demand. The main goal of a TSP is to create a strategic blueprint outlining desired changes that will improve the provision of transit services throughout each agency's service area within existing funding structures. This is an opportunity for each agency to look at their system as a blank slate, re-examine the priorities of stakeholders and riders, and make difficult choices concerning where and how to provide services in an efficient and cost-effective manner.

The Alexandria Transit Vision, adopted by the Alexandria Transit Company (ATC) board in December of 2019, DASH's own annual Transit Development Plan (TDP), and the Transit Chapter of the draft Alexandria Mobility Plan address many of the elements of the TSP. The City, in coordination with DASH, will work with a consultant to build off what has already been undertaken and address any gaps to meet the state requirements.

The City applied for a grant in January 2020 to support the completion of the project. The grant was awarded in December 2020 and is included in the Fiscal Year 2021 Six Year Improvement Program. The grant pays for 50% of the project (up to \$75,000). Staff estimates a total project cost of \$150,000.

DRPT has extended the deadline for TSP's to June 30, 2024. The City is expecting to begin in the fall of 2022 and take approximately one year to complete it.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

N/A

## TRANSIT CORRIDOR A - ROUTE 1

DOCUMENT SUBSECTION: High Capacity Transit Corridors

PROJECT LOCATION: Route 1 between Potomac Ave. &amp; East Glebe Rd.

MANAGING DEPARTMENT: Department of Transportation and Environmental Services

REPORTING AREA: Potomac Yard/Potomac Greens

PRIMARY STRATEGIC THEME: Theme 10: Multimodal Transportation

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 30+ Years

Transit Corridor "A" - Route 1													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	39,853,743	29,853,743	-	-	-	-	-	10,000,000	-	-	-	-	10,000,000
Financing Plan													
GO Bonds	1,325,000	1,325,000	-	-	-	-	-	-	-	-	-	-	-
NVTA 70% Funds	660,000	660,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	23,673,743	23,673,743	-	-	-	-	-	-	-	-	-	-	-
TIP	4,195,000	4,195,000	-	-	-	-	-	-	-	-	-	-	-
NTVA 70% (Unsecured)	10,000,000	-	-	-	-	-	-	10,000,000	-	-	-	-	10,000,000
Financing Plan Total	39,853,743	29,853,743	-	-	-	-	-	10,000,000	-	-	-	-	10,000,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added to out-year for project construction.

### PROJECT DESCRIPTION & JUSTIFICATION

The Route 1 Transitway is the first segment of a 5-mile-long, high-capacity transit corridor connecting the Pentagon City and Braddock Road Metrorail stations. The initial segment of the corridor was completed in the summer of 2014.

Remaining funding from the original construction project will be used in FY 2022 and FY 2023 to design the final extension of the dedicated transit lanes on Richmond Highway between East Glebe Road and Evans Lane and provide the environmental analysis required for this project. In FY 2020, \$5 million of funding was added as part of the Amazon Incentive Package to help complete the planning and design as well as the right-of-way acquisition and construction of the Transitway north of East Glebe Road to Evans Lane. The City plans to apply for future grant funding for the construction of this project. Timing of project construction and right-of-way acquisition will depend on the timing and phasing of phase two of the North Potomac Yard development project.

The transitway provides residents, workers, and visitors with a fast, convenient, and comfortable connection to the regional Metrorail network, Potomac Yard development, and key employment nodes. Improved lighting and enhanced pedestrian crosswalks across Route 1 will also provide for safer non-motorized travel in the corridor.

With the redevelopment of Phase 2 of North Potomac Yard, further undefined bus transitway infrastructure will be implemented.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Alexandria Mobility Plan, Environmental Action Plan, Alexandria Transit Vision Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## TRANSIT CORRIDOR "B" - DUKE STREET

DOCUMENT SUBSECTION:	High Capacity Transit Corridors	PROJECT LOCATION:	Duke St. between City Limits and King St. Metro
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Landmark/Van Dorn/Beauregard
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	PROJECT CATEGORY:	3
		ESTIMATE USEFUL LIFE:	30+ Years

Transit Corridor "B" - Duke Street													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	87,190,000	12,190,000	-	-	55,800,000	-	19,200,000	-	-	-	-	-	75,000,000
Financing Plan													
NVTA 70% Funds	87,190,000	12,190,000	-	-	55,800,000	-	19,200,000	-	-	-	-	-	75,000,000
Financing Plan Total	87,190,000	12,190,000	-	-	55,800,000	-	19,200,000	-	-	-	-	-	75,000,000
Operating Impact	23,073,000	-	-	-	-	-	3,273,000	2,800,000	3,500,000	4,000,000	4,500,000	5,000,000	23,073,000

### CHANGES FROM PRIOR YEAR CIP

Funding plan updated to align with updated project schedule.

### PROJECT DESCRIPTION & JUSTIFICATION

Consistent with the City's adopted Transportation Master Plan and subsequent City Council actions, this project will construct a 4.5-mile segment of high-capacity transitway along Duke Street between the former Landmark Mall Site and the King Street Metrorail Station. In 2012, the Planning Commission and City Council adopted Master Plan Amendments from the High Capacity Transit Corridor Work Group for the planned Corridor B cross section and a phased implementation of the transitway along Duke Street. Based on Council direction, staff sought and obtained \$87 million of regional transportation NVTA 70% funds to use for planning, design, right-of-way, construction, and asset acquisition such as buses and shelters.

In FY 2022, a community engagement process sought input to identify the community's vision and needs for the corridor. The result of this process will be the development of an updated concept plan and implementation/construction schedule for the plan. Upon completion of the conceptual plan and City Council approval, the project will move into the design phase, environmental analysis, and right-of-way tasks in FY 2023, followed by construction in FY 2025. Construction will likely be phased depending on the results of the outreach findings as well as adjacent private redevelopment projects.

Once completed, this project will support development approved in the Eisenhower West, Eisenhower East and Landmark/Van Dorn Small Area Plans (including the to-be-redeveloped Landmark Mall), while increasing transit options for local and through trips emphasizing inter-jurisdictional coordination.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Transportation Master Plan; High Capacity Transitway Corridor Work Group recommendations, Landmark/Van Dorn Small Area Plan, Alexandria Transit Vision Plan, Complete Streets Policy

### ADDITIONAL OPERATING IMPACTS

Construction of corridor will require ongoing Bus and station maintenance.

## TRANSIT CORRIDOR "C" - WEST END TRANSITWAY

DOCUMENT SUBSECTION: High Capacity Transit Corridors  
MANAGING DEPARTMENT: Department of Transportation and Environmental Services

PROJECT LOCATION: Van Dorn/Beauregard Corridor  
REPORTING AREA: Beauregard

PRIMARY STRATEGIC THEME: Theme 10: Multimodal Transportation

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 30+ Years

Transit Corridor "C" - West End Transitway													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	79,848,167	13,619,167	4,029,000	24,587,000	32,613,000	5,000,000	-	-	-	-	-	-	66,229,000
Financing Plan													
Cash Capital	47,779	47,779	-	-	-	-	-	-	-	-	-	-	-
NVTA 70% Funds	4,600,000	4,600,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	6,871,388	6,871,388	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants (Unsecured)	5,000,000	-	-	-	-	5,000,000	-	-	-	-	-	-	5,000,000
TIP	2,100,000	2,100,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants (Smartscale)	61,229,000	-	4,029,000	24,587,000	32,613,000	-	-	-	-	-	-	-	61,229,000
Financing Plan Total	79,848,167	13,619,167	4,029,000	24,587,000	32,613,000	5,000,000	-	-	-	-	-	-	66,229,000
Operating Impact	15,523,000	-	-	-	-	-	2,400,000	2,472,000	2,546,000	2,622,000	2,701,000	2,782,000	15,523,000

### CHANGES FROM PRIOR YEAR CIP

Funding schedule updated and FY 2026 funding added for potential grant funding.

### PROJECT DESCRIPTION & JUSTIFICATION

Consistent with the City's 2008 Transportation Master Plan, the recommendations of the High Capacity Transit Corridor Work Group, (approved by Council in September 2011), and re-affirmed in the 2021 Alexandria Mobility Plan, this project will take a phased approach toward construction of a high-capacity Transitway between the Van Dorn Metrorail station and the Pentagon. This investment will support the development approved in the Landmark/Van Dorn Small Area Plan (SAP) and the Beauregard Corridor SAP. The preliminary cost estimate for the full project is approximately \$140 million which includes design, right-of-way acquisition, utility relocation, construction, and rolling stock for the full build alternative, including dedicated lanes.

In 2017, the City was awarded \$10 million in SMART SCALE funding for the design, right-of-way and construction of project improvements specifically within Southern Towers. The City began planning in FY 2021. Coordination with the new property owners on the design of a new transit center in Southern Towers will continue throughout FY 2022 and possibly into FY 2023. The construction schedule will be determined in coordination with Southern Towers.

The City was awarded \$57.2 million for FY 2024 - FY 2025 SMART SCALE for design, right-of-way, construction and buses for a first phase focused on Transportation Systems Management (TSM) improvements, such as Transit Signal Priority, queue jump lanes, stations, pedestrian and bicycle improvements and intersection improvements.

Design of the Phase I (TSM) plan will begin in FY 2022 and is anticipated to be completed in FY 2023. West End Transitway service is anticipated to begin operation by FY 2025. Phase II of this project aligns with the full build alternative that includes dedicated transit lanes on portions of Van Dorn Street and Beauregard Street. Additional funding and right-of-way will be required to implement the Phase II plan, and the City will continue to work with private developers for the additional right-of-way and seek other funding sources including federal funds.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Landmark / Van Dorn Corridor Study; Beauregard Small Area Plan; Eisenhower West Small Area Plan; Alexandria Transit Vision Plan; Alexandria Mobility Plan

### ADDITIONAL OPERATING IMPACTS

The operating costs are a preliminary estimate based on the proposed service patterns.

## TRANSITWAY ENHANCEMENTS

DOCUMENT SUBSECTION: High Capacity Transit Corridors

PROJECT LOCATIONS: US 1 Corridor between Braddock Road metro station and Alexandria/Arlington border, Van Dorn/ Beauregard from Van Dorn Metro Station to The Pentagon, and Duke Street between Landmark Mall and King Street Metrorail Station

REPORTING AREA: Regional

MANAGING DEPARTMENT: Department of Transportation and Environmental Services

PRIMARY STRATEGIC THEME: Theme 10: Multimodal Transportation

PROJECT CATEGORY: 3

ESTIMATE USEFUL LIFE: 11 - 15 Years

Transitway Enhancements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 FY 2032
Expenditure Budget	1,454,491	1,454,491	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
CMAQ/RSTP	1,454,491	1,454,491	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	1,454,491	1,454,491	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project funds safety, comfort, and operation enhancements along segments of the City's three planned transitway corridors, which may include items such as median islands with pedestrian refuges, new crossings, bicycle access improvements, signal technology to improve safety at intersections, and other potential Smart Mobility technologies. The \$1.45 million in RSTP and CMAQ funds may also be used for operational planning for the West End Transitway and Duke Street Transitway.

The City's 2008 Transportation Master Plan recommends three transitways within the City, including Corridor A (Route 1 Metroway), Corridor B (Duke Street Transitway), and Corridor C (West End Transitway). These three corridors were further evaluated in the Transitway Corridors Feasibility Study (approved by Council in September 2011). The Route 1 Metroway has been operating since 2014, and additional expansion of the dedicated lanes are currently being planned. The Duke Street Transitway began the community engagement, planning, and environmental review in 2021, which will be followed by design, right-of-way acquisition (if necessary), and construction. Environmental review for the West End Transitway is complete, and design for a first phase began in 2021, followed by right-of-way acquisition and construction, and is currently anticipated to begin service in 2025. These funds can be used for capital improvements on any of these corridors, including potential expansion of the Mark Center transit center on the West End Transitway route.

Specific project(s) scopes and schedules will be identified in late FY 2022, and planning/design will start in FY 2023. Candidate projects include Transit Center improvements and expansion at Mark Center, operations planning for the Duke Street and West End Transitways, and pedestrian access and safety enhancements along the city's three transitway corridors.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Transportation Master Plan; WMATA Momentum; Alexandria Transit Vision Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

ACCESS IMPROVEMENTS AT LANDMARK

DOCUMENT SUBSECTION:Non-Motorized Transportation

PROJECT LOCATION:Duke Street between S Van Dorn Street and I-395, and S Van Dorn Street between Duke Street and Holmes Run Parkway

MANAGING DEPARTMENT:Department of Transportation and Environmental Services

REPORTING AREA:Landmark/Van Dorn

PRIMARY STRATEGIC THEME:Theme 10: Multimodal Transportation

PROJECT CATEGORY:3

ESTIMATE USEFUL LIFE:21 - 25 Years

Access Improvements at Landmark													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	6,814,600	-	513,000	1,013,100	5,288,500	-	-	-	-	-	-	-	6,814,600
Financing Plan													
State/Federal Grants	6,814,600	-	513,000	1,013,100	5,288,500	-	-	-	-	-	-	-	6,814,600
Financing Plan Total	6,814,600	-	513,000	1,013,100	5,288,500	-	-	-	-	-	-	-	6,814,600
Operating Impact	56,600	-	-	-	-	-	8,200	8,400	8,600	8,900	13,100	9,400	56,600

CHANGES FROM PRIOR YEAR CIP

Funding schedule updated to reflect latest grant schedule for project.

PROJECT DESCRIPTION & JUSTIFICATION

This project will provide critical mobility, access, safety, and connectivity improvements to a future transit hub in the redeveloped Landmark Mall. The transit hub will feature transit service provided by the West End Transitway, Duke Street Transitway, and other local and regional bus services. Access improvements from this project would be located along South Van Dorn Street and Duke Street. This project will construct new or improved infrastructure such as sidewalks, crosswalks, pedestrian refuge islands for safer crossings, and other enhancements to increase safety and access to transitway services.

As recommended in the Landmark/Van Dorn Small Area Plan, the redevelopment of the Landmark Mall site is envisioned as a high-density, mixed-use environment, with residential units, commercial uses, medical care facilities, and onsite amenities planned for full buildout. This project is funded with VDOT Smart Scale funds, which will be available for design and construction in FY 2024 and FY 2025. Construction timing will be coordinated with the Landmark Mall redevelopment project.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION	ADDITIONAL OPERATING IMPACTS
Landmark Small Area Plan; Alexandria Mobility Plan; Vision Zero Action Plan; Complete Streets Design Guidelines; Alexandria Transit Vision Plan	Additional funding for occasional concrete or asphalt repair work and repainting of crosswalks will be necessary to maintain improvements in this area.

## BEAUREGARD STREET MULTI-USE TRAIL

DOCUMENT SUBSECTION: Non-Motorized Transportation

PROJECT LOCATION: North Beauregard Street  
between Fillmore Avenue and  
Berkeley StreetMANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

REPORTING AREA: Alexandria West

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
TransportationPROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 21 - 25 Years

Beauregard Street Multi-Use Trail													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Operating Impact	28,700	-	-	-	-	-	3,200	3,000	12,100	3,500	3,200	3,700	28,700

### CHANGES FROM PRIOR YEAR CIP

In FY 2022, approximately \$2.1 million in prior year CMAQ funds were transferred to this project from the Backlick Run Trail project. No additional funding is anticipated for this project.

### PROJECT DESCRIPTION & JUSTIFICATION

The purpose of this project is to design and construct a shared-use bicycle and pedestrian path along the south side of North Beauregard Street between Fillmore Avenue and Berkeley Street, as recommended in the Alexandria Mobility Plan. This path will make it easier to walk and bike to Northern Virginia Community College, Four Mile Run Trail, and other destinations in Alexandria's West End. This project will also help meet sustainability goals established in the City's Environmental Action Plan by increasing mobility, access, safety, comfort, and convenience for people walking and biking. This shared-use path will also complement the future West End Transitway by providing enhanced access to Bus Rapid Transit stations along North Beauregard Street.

Segments of the shared-use path may be designed and constructed by private developers as parcels are redeveloped, and trail design will be coordinated with adjacent redevelopment projects and the City's West End Transitway project. Design and community outreach began in FY 2022, and construction is anticipated to start in FY 2023.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Beauregard Small Area Plan; Alexandria Mobility Plan; Environmental Action Plan

### ADDITIONAL OPERATING IMPACTS

Trail will require regular maintenance and upkeep.

## BICYCLE PARKING AT TRANSIT

DOCUMENT SUBSECTION: Non-Motorized Transportation  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: 11 - 15 Years

Bicycle Parking at Transit													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	543,742	543,742	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	38,742	38,742	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	505,000	505,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	543,742	543,742	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will provide bicycle parking citywide at bus stops, public facilities, and other destinations that generate demand for bicycle parking. Providing bicycle parking at destinations helps increase access and convenience for people biking. This supports the Alexandria Mobility Plan strategy to build out a connected bicycle network of on- and off-street facilities to benefit riders of all ages and abilities. This project also supports the Environmental Action Plan's goal to provide access for people using low-carbon modes of transportation.

The majority of improvements funded through this project include racks, concrete pads and associated fix-it stations.

The project is funded fully through CMAQ and RSTP funds, and no City match is required. Installation of these improvements is scheduled for FY 2023.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

T&ES Strategic Plan; Alexandria Mobility Plan; Environmental Action Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## CAPITAL BIKESHARE

DOCUMENT SUBSECTION: Non-Motorized Transportation  
MANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
Transportation

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 6 - 10 Years

Capital Bikeshare													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 FY 2032
Expenditure Budget	7,055,930	5,769,748	485,582	350,600	50,000	400,000	-	-	-	-	-	-	1,286,182
Financing Plan													
CMAQ/RSTP	2,238,378	1,152,196	435,582	300,600	-	350,000	-	-	-	-	-	-	1,086,182
Private Capital Contributions	220,000	20,000	50,000	50,000	50,000	50,000	-	-	-	-	-	-	200,000
State/Federal Grants	3,905,561	3,905,561	-	-	-	-	-	-	-	-	-	-	-
TIP	691,991	691,991	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	7,055,930	5,769,748	485,582	350,600	50,000	400,000	-	-	-	-	-	-	1,286,182
Operating Impact	18,503,600	-	-	1,450,600	1,750,500	1,853,000	1,958,600	2,067,300	2,179,300	2,294,700	2,413,600	2,536,000	18,503,600

### CHANGES FROM PRIOR YEAR CIP

Funding schedule updated to reflect latest grant schedule for project.

### PROJECT DESCRIPTION & JUSTIFICATION

Bike sharing is a service where public bicycles are made available for shared use. Users can pick up and drop off bikes at designated stations by registering online, by phone, or at a station. Successful bike sharing programs tend to have stations that are tightly clustered, spaced approximately a quarter mile from one another, and are near Metrorail stations, commercial centers, tourist destinations, or mixed-use development.

Capital Bikeshare is a regional system with stations in the District of Columbia; Arlington County, VA; Fairfax County, VA; Falls Church, VA; Prince George's County, MD; and Montgomery County, MD. Alexandria joined the Capital Bikeshare network in 2012. In FY 2022, the City installed 17 new stations using grant funding, bringing the total number of stations to 61.

In FY 2023, the City anticipates installing nine more stations in coordination with VDOT and five additional privately funded stations at new developments. New station placement will work toward completing the bikeshare network in Alexandria by installing a number of stations in the West End. In FY 2023, funds will also be used to begin replacing or upgrading existing stations that have reached their useful life or need new technology, such as electric bike charging infrastructure. Developer funded stations will continue to be added to the network as new buildings come online.

Stations are located in areas identified in the Transportation Master Plan through a demand model and with input from the community. Capital costs for stations and bicycles are dependent on size of the station and number of docks.

Bikeshare provides access to transit and other activity centers and supports the well-being of residents and families by allowing more transportation choices that help to provide flexibility and mobility to residents. Bikeshare provides expanded connections to transit, thereby helping to reduce carbon emissions and improving health.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Pedestrian and Bicycle Master Plan

### ADDITIONAL OPERATING IMPACTS

Annual contractor operating costs are offset by user fees and differ annually depending on the size of the system and contract prices and rates.

## COMPLETE STREETS-VISION ZERO

DOCUMENT SUBSECTION: Non-Motorized Transportation  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: Varies

Complete Streets													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C+L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>19,679,303</b>	<b>10,668,903</b>	<b>671,000</b>	<b>798,900</b>	<b>828,500</b>	<b>858,400</b>	<b>889,600</b>	<b>922,100</b>	<b>956,500</b>	<b>991,300</b>	<b>1,028,100</b>	<b>1,066,000</b>	<b>9,010,400</b>
Financing Plan													
Cash Capital	16,467,492	7,457,092	671,000	798,900	828,500	858,400	889,600	922,100	956,500	991,300	1,028,100	1,066,000	9,010,400
GO Bond Interest Earnings	75,000	75,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	2,763,310	2,763,310	-	-	-	-	-	-	-	-	-	-	-
Other City Sources	9,766	9,766	-	-	-	-	-	-	-	-	-	-	-
TIP	363,735	363,735	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>19,679,303</b>	<b>10,668,903</b>	<b>671,000</b>	<b>798,900</b>	<b>828,500</b>	<b>858,400</b>	<b>889,600</b>	<b>922,100</b>	<b>956,500</b>	<b>991,300</b>	<b>1,028,100</b>	<b>1,066,000</b>	<b>9,010,400</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding increased slightly over 10-years (about \$600,000) and funding was added to FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The Complete Streets Program funds a variety of capital infrastructure improvements and initiatives to make it easier, safer, and more comfortable for residents and visitors to walk, bike, and take public transit. These include:

- Implementation of the Alexandria Mobility Plan: Pedestrian & Bicycle Chapter
- Neighborhood Sidewalk Program
- Multi-Use Trail Program
- Implementation of the Complete Streets Design Guidelines
- Education and Encouragement Initiatives

This program also funds projects to advance the City's Vision Zero goal of eliminating traffic fatalities and severe injuries by 2028.

Projects and initiatives under this program are planned and implemented in accordance with the 2014 Complete Streets Policy, the 2017 Vision Zero Action Plan, and the 2021 Alexandria Mobility Plan. This program adheres to the Americans with Disabilities Act and the Commonwealth Transportation Board adopted "Policy for Integrating Bicycle and Pedestrian Accommodations."

Activities funded by this program include, but are not limited to, new or improved sidewalks, curb ramps, pedestrian crossings, bicycle lanes, intersection improvements, signal timing improvements, trail access enhancements, road signs, and education programs. These activities may include planning, design, community outreach, right-of-way acquisition, and construction. This program also supports efforts to secure grant-funding for large-scale multimodal improvement projects.

One Urban Planner III and one Principal Planner position are funded by this program, which provides direct support to implement the aforementioned plans, policies, programs, and projects.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Alexandria Mobility Plan; Complete Streets Policy; Complete Streets Design Guidelines; Eco-City Charter; Environmental Action Plan; Citywide Park Improvement Plans; Neighborhood Park Improvement Plans; Vision Zero Action Plan; Small Area Plans

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Complete Streets (continued)

## Complete Streets FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
<b>Description</b>	<b>Amount</b>
Complete Streets Staffing	\$244,000
Vision Zero Implementation	\$137,000
AMP Implementation	\$120,000
Street Resurfacing Projects	\$25,000
Educational Initiatives	\$10,000
Neighborhood Sidewalk Program	\$30,000
Traffic Calming	\$20,000
Community Requests/Spot Improvements	\$30,000
<b>Total Fiscal Year 2023</b>	<b>\$671,000</b>

<b>Fiscal Year 2024</b>	
<b>Description</b>	<b>Amount</b>
Complete Streets Staffing	\$256,000
Vision Zero Implementation	\$180,000
AMP Implementation	\$142,900
Street Resurfacing Projects	\$50,000
Educational Initiatives	\$30,000
Neighborhood Sidewalk Program	\$60,000
Traffic Calming	\$30,000
Community Requests/Spot Improvements	\$50,000
<b>Total Fiscal Year 2024</b>	<b>\$798,900</b>

<b>Fiscal Year 2025</b>	
<b>Description</b>	<b>Amount</b>
Complete Streets Staffing	\$269,000
Vision Zero Implementation	\$190,000
AMP Implementation	\$160,000
Street Resurfacing Projects	\$55,000
Educational Initiatives	\$30,000
Neighborhood Sidewalk Program	\$50,000
Traffic Calming	\$30,000
Community Requests/Spot Improvements	\$44,500
<b>Total Fiscal Year 2025</b>	<b>\$828,500</b>

## DUKE STREET AND WEST TAYLOR RUN SAFETY IMPROVEMENTS

DOCUMENT SUBSECTION: Non-Motorized Transportation

PROJECT LOCATION: Duke Street at West Taylor Run  
Parkway and the Telegraph  
Road RampMANAGING DEPARTMENT: Transportation and  
Environmental Services/  
Department of Project  
Implementation

REPORTING AREA: Central Alexandria

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
TransportationPROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 15-20 years

Duke Street and West Taylor Run Safety Improvements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	3,906,000	-	701,000	1,390,000	-	1,815,000	-	-	-	-	-	-	3,906,000
Financing Plan													
State/Federal Grants (Smartscale)	3,906,000	-	701,000	1,390,000	-	1,815,000	-	-	-	-	-	-	3,906,000
Financing Plan Total	3,906,000	-	701,000	1,390,000	-	1,815,000	-	-	-	-	-	-	3,906,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding schedule updated to reflect latest grant schedule for project.

### PROJECT DESCRIPTION & JUSTIFICATION

The Duke Street and West Taylor Run Parkway Intersection Improvement project consists of design modifications to improve signal operation and enhance multimodal safety. In addition, this project will include a new connection from eastbound Duke Street to southbound Telegraph Road.

A key recommendation of the Central Alexandria Traffic Study Task Force was to pursue short and long-term improvements for the Duke Street and West Taylor Run Parkway intersection and evaluate potential impacts to the surrounding network. Duke Street is a high-volume roadway that was identified as a high crash corridor. The Duke Street at West Taylor Run intersection is the fifth highest crash location in the City based on the Police Department's crash database. This project will improve safety and reduce peak hour queuing and merging maneuvers on Duke Street by constructing a new connection to Telegraph Road. Additionally, updated crosswalks and potential relocation of bus stops would lead to better multimodal connection and enhanced safety. Project design will be coordinated with the Duke Street Transitway project and the Smart Mobility Program enhancements along the Duke Street corridor.

The community engagement is anticipated to begin in FY 2022. The traffic analysis is anticipated to be completed in FY 2023 with the design starting shortly after.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

KING STREET- BRADLEE ROADWAY IMPROVEMENTS

DOCUMENT SUBSECTION:Non-Motorized Transportation

MANAGING DEPARTMENT:Department of Transportation and Environmental Services

PRIMARY STRATEGIC THEME:Theme 10: Multimodal Transportation

PROJECT LOCATION:King Street btw Quaker Lane and Menokin Drive

REPORTING AREA:Fairlington/Bradlee; Seminary Hill/Strawberry Hill

PROJECT CATEGORY:2

ESTIMATE USEFUL LIFE:40 years

King Street-Bradlee Roadway Improvements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	2,215,000	-	915,000	1,300,000	-	-	-	-	-	-	-	-	2,215,000
Financing Plan													
State/Federal Grants	2,215,000	-	915,000	1,300,000	-	-	-	-	-	-	-	-	2,215,000
Financing Plan Total	2,215,000	-	915,000	1,300,000	-	-	-	-	-	-	-	-	2,215,000

CHANGES FROM PRIOR YEAR CIP

Funding schedule updated to reflect latest grant schedule for project.

PROJECT DESCRIPTION & JUSTIFICATION

The purpose of this project is to design and construct multimodal and drainage/stormwater improvements on King Street between Quaker Lane and Menokin Drive. This project is intended to enhance mobility, access, safety, and comfort for people walking, biking, taking transit, and driving in and around the Bradlee and Fairlington areas of King Street, and improve stormwater management. This project supports recommendations and strategies from the Alexandria Mobility Plan, Vision Zero Action Plan, and Environmental Action Plan by addressing safety concerns, prioritizing improvements to nonmotorized networks, encouraging use of low-carbon forms of transportation, and reducing stormwater pollution.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City Strategic Plan; Alexandria Mobility Plan; Environmental Action Plan; Alexandria Transit Vision Plan; Vision Zero; Complete Streets Design Guidelines; WMATA Momentum Strategic Plan

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## LOWER KING STREET CLOSURE

DOCUMENT SUBSECTION: Non-Motorized Transportation  
MANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

PROJECT LOCATION: King Street  
REPORTING AREA: Old Town

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
Transportation

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: Varies

Lower King Street Street Closure													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	2,387,000	-	100,000	232,000	2,055,000	-	-	-	-	-	-	-	2,387,000
Financing Plan													
Cash Capital	332,000	-	100,000	232,000	-	-	-	-	-	-	-	-	332,000
GO Bonds	2,055,000	-	-	-	2,055,000	-	-	-	-	-	-	-	2,055,000
ARPA	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	2,487,000	100,000	100,000	232,000	2,055,000	-	-	-	-	-	-	-	2,387,000
Operating Impact	1,727,300	-	-	25,000	75,000	125,000	175,000	250,000	257,500	265,200	273,200	281,400	1,727,300

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

At the start of the COVID-19 pandemic in 2020, the 100 block of King Street was closed to vehicles to provide more space for businesses and pedestrians on this block. The temporary closure was very well received by businesses and residents, and in October 2021, the City Council approved permanently closing the block.

This project will transform the temporary street closure into a cohesive pedestrian plaza. The project will be designed in coordination with other Waterfront area projects and could potentially include the following:

- Remove the curb and gutter currently provided as a street for vehicle traffic
- Upgrade pavement to create a cohesive plaza design across the entire block
- Address stormwater, flooding, and other utility issues on the block
- Create a safe transition for pedestrians from pedestrian only spaces to spaces shared with vehicles
- Improve entrances to the area and ensure safety for pedestrians
- Create areas for businesses to use for outdoor dining or retail display

The primary limits of this project are the 100 block of King Street, between Union Street and Lee Street but could include work on surrounding blocks (Unit and 200 block of King Street, 100 blocks of North and South Union Street, and 100 blocks of North and South Lee Street) to ensure the design is coordinated with conditions on these blocks.

There has been initial input from the community on closing the block to vehicle traffic and there will continue to be input opportunities on design concepts for the block. Staff will coordinate with the property owners and businesses on this block to ensure their concerns are addressed. Engagement will be coordinated by the project team.

Enhancements in 2022 are being funded by American Rescue Plan Act (ARPA) funding Tranche #1 allocation. These include improved barricades/bollards at the ends of the block and improved areas for sidewalk dining and retail display.

The permanent design for this project will be a consultant-led design effort and would begin in FY 2023 with engagement and concept design. Construction will need to be coordinated with other waterfront improvements and would not start until early FY 2025 at the soonest.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Waterfront Small Area Plan; Lower King Street Multimodal Feasibility Study

### ADDITIONAL OPERATING IMPACTS

Additional staff may be required to maintain the new pedestrian plaza areas.

## MT. VERNON AVENUE NORTH COMPLETE STREETS

DOCUMENT SUBSECTION: Non-Motorized Transportation

PROJECT LOCATION: Mt. Vernon Ave from Glebe Rd to Four Mile Run

MANAGING DEPARTMENT: Department of Transportation and Environmental Services

REPORTING AREA: Arlandria; Potomac West

PRIMARY STRATEGIC THEME: Theme 10: Multimodal Transportation

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 21 - 25 Years

Mt. Vernon Avenue North Complete Streets													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 FY 2032
Expenditure Budget	2,000,000	1,000,000	-	-	-	-	-	-	-	1,000,000	-	-	1,000,000
Financing Plan													
Cash Capital	180,000	180,000	-	-	-	-	-	-	-	-	-	-	
State/Federal Grants	520,000	520,000	-	-	-	-	-	-	-	-	-	-	
State/Federal Grants (Unsecured)	1,000,000	-	-	-	-	-	-	-	-	1,000,000	-	-	1,000,000
TIP	300,000	300,000	-	-	-	-	-	-	-	-	-	-	
Financing Plan Total	2,000,000	1,000,000	-	-	-	-	-	-	-	1,000,000	-	-	1,000,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	

### CHANGES FROM PRIOR YEAR CIP

Funding schedule updated to reflect latest grant schedule for project.

### PROJECT DESCRIPTION & JUSTIFICATION

The purpose of this project is to design and construct safety, mobility, and access improvements on Mount Vernon Avenue between Glebe Road and Four Mile Run. Many potential improvements for this corridor were identified in a pedestrian case study documented in the 2016 Transportation Master Plan: Pedestrian & Bicycle Chapter. Improvements were also identified during various community outreach efforts since 2015 and through the Arlandria Small Area Plan update.

This project will address multiple safety challenges, including a high crash history, complicated intersections, and frequent, uncontrolled pedestrian crossings in a high-activity area for Arlandria residents. Elements of the project may include intersection improvements, bus stop upgrades, enhanced sidewalks and pedestrian crossings, bicycle facilities, and on-street parking throughout the corridor.

Planning, community engagement, and conceptual design began in FY 2022 and will continue in FY 2023. Detailed design is expected to begin in FY 2023.

This project is of regional interest because it is occurring in an Equity Emphasis Area as identified by the Metropolitan Washington Council of Government's Transportation Planning Board.

The project is funded through a combination of state, federal, CMAQ, and local/TIP funding.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Alexandria Mobility Plan; Vision Zero Action Plan; Arlandria Small Area Plan; Environmental Action Plan; MWCOG TPB Equity Emphasis Areas for TPB Enhanced Environmental Justice Analysis

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

**MT. VERNON TRAIL AT EAST ABINGDON**

DOCUMENT SUBSECTION: Non-Motorized Transportation

PROJECT LOCATION: Mt. Vernon Trail at E. Abingdon Drive

MANAGING DEPARTMENT: Department of Project Implementation

REPORTING AREA: Old Town North

PRIMARY STRATEGIC THEME: Theme 10: Multimodal Transportation

PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: 21 - 25 Years

Mt. Vernon Trail @ East Abingdon													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>850,000</b>	<b>850,000</b>	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
GO Bonds	85,000	85,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	750,000	750,000	-	-	-	-	-	-	-	-	-	-	-
TIP	15,000	15,000	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>850,000</b>	<b>850,000</b>	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

**CHANGES FROM PRIOR YEAR CIP**

No changes from prior CIP.

**PROJECT DESCRIPTION & JUSTIFICATION**

This project will construct mobility, safety, and access improvements at the intersection of the Mount Vernon Trail, East Abingdon Drive, and Slater's Lane where the trail and sidewalk width make walking and biking in this area challenging.

This project will improve safety and enhance connections to transit and to the Mount Vernon Trail, which is a critical component of the regional trail network. This project supports the sustainability goals in the City's Environmental Action Plan by making healthy modes of transportation safer, more convenient, and more attractive. A high-quality, convenient, and seamless trail network also supports the Alexandria Mobility Plan and enhances local tourism.

In FY 2022, design is expected to be completed, and right-of-way acquisition is anticipated to begin. Because coordination with the National Park Service is required as part of this project, construction is expected to begin in FY 2023.

The grant funding for this project is being administered by the Virginia Department of Transportation, and the City must adhere to all grant requirements.

**EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION**

T&amp;ES Strategic Plan; Alexandria Mobility Plan; Environmental Action Plan

**ADDITIONAL OPERATING IMPACTS**

No additional operating impacts identified at this time.



## OLD CAMERON RUN TRAIL

DOCUMENT SUBSECTION: Non-Motorized Transportation

PROJECT LOCATION: Old Cameron Run at South Payne Street to Hooffs Run Drive

MANAGING DEPARTMENT: Department of Project Implementation

REPORTING AREA: Eisenhower East

PRIMARY STRATEGIC THEME: Theme 10: Multimodal Transportation

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 21 - 25 Years

Old Cameron Run Trail													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>8,369,404</b>	<b>3,555,404</b>	<b>2,646,000</b>	<b>1,123,000</b>	<b>1,045,000</b>	-	-	-	-	-	-	-	<b>4,814,000</b>
Financing Plan													
Cash Capital	10,404	10,404	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	8,259,000	3,445,000	2,646,000	1,123,000	1,045,000	-	-	-	-	-	-	-	4,814,000
<b>Financing Plan Total</b>	<b>8,369,404</b>	<b>3,555,404</b>	<b>2,646,000</b>	<b>1,123,000</b>	<b>1,045,000</b>	-	-	-	-	-	-	-	<b>4,814,000</b>
Operating Impact	25,800	-	-	-	-	-	-	-	3,000	5,900	3,200	13,700	25,800

### CHANGES FROM PRIOR YEAR CIP

Funding schedule updated to reflect latest grant schedule for project.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will construct a 0.5 mile shared-use path along Old Cameron Run between Hooffs Run Drive and South Payne Street, including milling and repaving the existing off-street trail east of Hooffs Run. This project will address a major gap in the City's trail network and provide a key link in the bicycle and pedestrian multimodal transportation system.

This project will support a multi-modal environment by providing a safe, off-street connection for people walking and biking between Eisenhower East with the Southwest Quadrant. The trail will increase access to key destinations, including Eisenhower Avenue Metro Station, the Mount Vernon Trail, Alexandria National Cemetery, the Lee Center, as well as retail and entertainment destinations. This will encourage more walking, biking, and transit use, thereby helping to reduce carbon emissions and improve health. This project supports recommendations in the Alexandria Mobility Plan, Eisenhower East Small Area Plan, and Environmental Action Plan.

Design is expected to continue through FY 2023. Because this project requires coordination with AlexRenew's RiverRenew project, construction is anticipated to begin after the RiverRenew project is completed in 2025.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Alexandria Mobility Plan, Eisenhower East Small Area Plan, Environmental Action Plan

### ADDITIONAL OPERATING IMPACTS

Periodic trail clearing, snow removal, trail resurfacing, and signage replacement.

## SAFE ROUTES TO SCHOOL

DOCUMENT SUBSECTION: Non-Motorized Transportation  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 2  
 ESTIMATE USEFUL LIFE: Varies

Safe Routes to School													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>4,745,800</b>	-	<b>100,000</b>	<b>154,600</b>	<b>419,200</b>	<b>431,800</b>	<b>501,200</b>	<b>515,900</b>	<b>626,900</b>	<b>645,800</b>	<b>665,200</b>	<b>685,200</b>	<b>4,745,800</b>
Financing Plan													
Cash Capital	4,745,800	-	100,000	154,600	419,200	431,800	501,200	515,900	626,900	645,800	665,200	685,200	4,745,800
<b>Financing Plan Total</b>	<b>4,745,800</b>	-	<b>100,000</b>	<b>154,600</b>	<b>419,200</b>	<b>431,800</b>	<b>501,200</b>	<b>515,900</b>	<b>626,900</b>	<b>645,800</b>	<b>665,200</b>	<b>685,200</b>	<b>4,745,800</b>

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The purpose of this program is to fund infrastructure projects that improve mobility, access, safety, and comfort for students walking and biking to and from school. Activities funded through this program may include, but are not limited to, new or improved sidewalks, bicycle lanes, pedestrian crossings, intersection improvements, bicycle parking, street signs, on-street parking modifications, and signal timing changes.

Projects completed via this program will be guided by the City's 2017 Safe Routes to School Walk Audit Reports, as well as any additional recommendations that may be made to support traffic safety for schoolchildren and families. This program supports goals and strategies from the Alexandria Mobility Plan, Vision Zero Action Plan, and Environmental Action Plan.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Safe Routes to School Walk Audits; Alexandria Mobility Plan; Vision Zero Action Plan; Environmental Action Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## SEMINARY / HOWARD SAFETY IMPROVEMENTS

DOCUMENT SUBSECTION: Non-Motorized Transportation

PROJECT LOCATION: Seminary Road at North  
Howard StreetMANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

REPORTING AREA: Seminary Hill

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
TransportationPROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 21 - 25 Years

Seminary / Howard Safety Improvements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	377,990	377,990	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
State/Federal Grants	377,990	377,990	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	377,990	377,990	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The purpose of this project is to provide safety improvements for all road users at the intersection of Seminary Road and North Howard Street. These improvements were identified in the Seminary Road/Hammond Middle School Pedestrian Case Study in the 2016 Transportation Master Plan: Pedestrian and Bicycle Chapter. This project was funded through the State's Highway Safety Improvement Program in FY 2020.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Pedestrian and Bicycle Master Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## SIDEWALK CAPITAL MAINTENANCE

DOCUMENT SUBSECTION: Non-Motorized Transportation  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: 30+ Years

Sidewalk Capital Maintenance													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>13,562,569</b>	<b>5,298,469</b>	<b>910,500</b>	<b>558,900</b>	<b>966,800</b>	<b>592,800</b>	<b>1,025,600</b>	<b>629,000</b>	<b>1,088,000</b>	<b>667,200</b>	<b>1,123,600</b>	<b>701,700</b>	<b>8,264,100</b>
Financing Plan													
Cash Capital	3,689,469	3,689,469	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	600,000	600,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	9,273,100	1,009,000	910,500	558,900	966,800	592,800	1,025,600	629,000	1,088,000	667,200	1,123,600	701,700	8,264,100
<b>Financing Plan Total</b>	<b>13,562,569</b>	<b>5,298,469</b>	<b>910,500</b>	<b>558,900</b>	<b>966,800</b>	<b>592,800</b>	<b>1,025,600</b>	<b>629,000</b>	<b>1,088,000</b>	<b>667,200</b>	<b>1,123,600</b>	<b>701,700</b>	<b>8,264,100</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding updated and increased to reflect capital maintenance needs of City's Sidewalk Inventory.

### PROJECT DESCRIPTION & JUSTIFICATION

This project supports Capital Sidewalk Maintenance which supplements existing operating funds used for sidewalk repairs. Capital Maintenance is typically more substantial in nature and may include sidewalk reconstruction and widening. The City makes every attempt to align sidewalk capital maintenance with planned roadway resurfacing projects. Operating funds used for sidewalk maintenance are typically spot repairs to concrete and brick as a result of damage from tree roots, freeze/thaw cycles and other minor maintenance requests through the Call.Click.Connect. system.

Sidewalk maintenance is required by the federal Americans with Disabilities Act. The Department of Justice in 1991 required that all new and altered facilities, including sidewalks, street crossings and related pedestrian facilities, be accessible to and usable by people with disabilities. By federal law, the City is required to make sidewalks and adjacent curb ramps accessible when doing any alterations (i.e. repaving) to the streets. Thus, the sidewalk maintenance account must be funded proportionately to the street resurfacing budget.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Transportation Master Plan; Pedestrian and Bicycle Mobility Plan;

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Sidewalk Capital Maintenance (continued)

## Sidewalk Capital Maintenance FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>
Description
Eisenhower Avenue Concrete from 1000' W of Cameron Park Place to Lake Cook Entrance
Gibbon Street from South Payne Street to South Union Street
Griffith Place from Fort Williams Parkway to End
John Carlyle Street from Eisenhower Avenue to Duke Street
North Dearing Street from King Street to End
Sanger Avenue from North Van Dorn Street to End
Quantrell Ave from Lincolnia Road to Beauregard Street
Templeton Place from Fort Williams Parkway to End
Bennett Street from Saylor Place to End
Sterling Avenue from North Quaker Lane to End
Tower Court from South Whiting Street to End
Florence Drive from West Glebe Road to End
Four Mile Road from Mount Vernon Avenue to Florence Drive
West Caton Avenue from Sanford Street to Commonwealth Avenue
Reinekers Lane from Diagonal Road to Duke Street
Albany Avenue from King Street to End
Arell Court from Duke Street to End
Calhoun Avenue from North Rosser Street to End
Chelsea Court from Fort Williams Parkway to End
Clermont Avenue from Eisenhower Avenue to End
Cockrell Street from Duke Street to End
Coventry Lane from North Quaker Lane to End
East and West Oak Street from Mount Vernon Avenue to Russell Road
East Uhler Avenue from Mount Avenue Commonwealth Avenue
Englehardt Lane from Jamieson Avenue to End
Farrington Avenue from South Van Dorn Street to the City Limit
Saylor Place Entire Length
Garden Drive, Usher Drive, Vermont Avenue
South 28th Street from King Street to End
Palmer Place from Polk Avenue End
Pender Court from Palmer Place to End
Hancock Avenue from West Braddock Road to End
Key Drive from Francis Hammond Parkway to End (Roan Lane)
Jackson Place from Woodland Terrace to Tyler Place
Valley Drive from Preston Road to West Braddock Road
Lasalle Avenue from North Pickett to Juliana Place
Longview Drive from Duke Street to End
Loyola Avenue from North Howard Street to Stonebridge Road
Mark Center Drive from Seminary Road to North Beauregard Street (Mark Center Avenue)
Maris Avenue from North Van Dorn Street

## Sidewalk Capital Maintenance (continued)

<b>Fiscal Year 2023 (Cont.)</b>	
Description	
Beverley Drive from Valley Drive to Washington Circle	
Moss Place from Fort Worth Avenue to End	
Notabene Drive from Old Dominion Boulevard to Four Mile Road	
North Quaker Lane from Duke Street to West Braddock Road	
Pommander Walk Street from Franklin Street to South Union Street	
North Frost Street from Lawrence Street to Seminary Road	
Potomac Greens Drive from Slaters Lane	
Pine Street from Russell Road to Holly Street	
Queen Street from North West Street to North Union Street	
Raleigh Avenue Entire Length	
Richmarr Place from North Latham Street to End	
Rosecrest Avenue from West Custis Avenue to Russell Road	
South Floyd from Duke Street to Wheeler Avenue	
Sunset Drive from King Street to Commonwealth Avenue	
Surry Place from North Latham Street to End	
Suter Street from Earl Street to End	
Sweeley Street from Duke Street to Colvin Street	
Talbort Place from North Pegram Street to Prospect Place	
Edsall Road from South Van Dorn to Cameron Station Blvd	
Jamieson Avenue from Andrew's Lane to End	
West and East Glendale Avenues from Leslie Avenue to West Timber Branch Parkway	
Vasser Road from Cambridge to End (Vasser Place)	
<b>Fiscal Year 2024</b>	
Description	
Duke Street from Dulany Street to South Patrick Street	
South Washington Street from I-395 to Duke Street	
North Washington Street from Cameron Street to First Street	
King Street from Janneys Lane to Dangerfield Road	
Hermitage Court from King Street to End	
Green Street from South Patrick Street to South Lee Street	
Cloverway Drive from Dartmouth Road to Janneys Lane	
Holland Street from Duke to Eisenhower Avenue	
Dale Street from Edison Street to End	
Oakley Place from East Timber Branch Parkway to End	
Orleans Place from North Gaillard Street to End	
Ormond Avenue from North Gaillard Street to North Howard Street	
Sylvan Court from Trinity Drive to End	
Stevenson Avenue from South Whiting Street to Stulz Road	
North Stevenson Square	
South Stevenson Square	
Edison Street from West Reed Avenue to End	
North Clarens Street from Trinity Drive to End	
North Breckinridge Place from Lincolnia Road to End	
Murrays Avenue from Swann Avenue to Calvert Avenue	
Oakville Street from Swann Avenue to Fannon Street	
Fannon Street from Richmond Highway End	
Juliana Place from North Pickett Street to End	
East and West Mason Avenue from Stonewall Road to End	

## Sidewalk Capital Maintenance (continued)

Fiscal Year 2025	
Description	
Jamieson Avenue from South West Street to Mill Road	
West Timber Branch Parkway from Ruffner Road to Junior Street	
Seay Street from Longview Drive to End	
Viewpoint Road from Longview Drive to End	
Emerson Avenue from John Carlyle Street to Holland Lane	
Wilkes Street from South Patrick Street to End	
Mayer Place from Allison Street to End	
Juniper Place from North Jordan Street to End	
Milan Drive from West Glebe Road to Four Mile Road	
West Windsor Avenue from Russell Road to Commonwealth Avenue	
Herbert Street from Commonwealth Avenue to Mount Vernon Avenue	
Manning Street from Commonwealth Avenue to Clifford Avenue	
North and South Lee Street Entire Length	
North Garland Street from Fort Worth Avenue to End	
Sharp Place from Saint Stephens Road to End	
Vicar Lane from Bishop Lane to End	
Adams Avenue from Newton Street to Mount Vernon Avenue	
Newton Street from East Braddock Road to East Luray Avenue	
Gunston Road from Valley Drive to Valley Drive	
Elizabeth Lane from Eisenhower Avenue to Courthouse Square	
Metro Road from Eisenhower Avenue to South Van Dorn Street	
Boyle Street from Buchanan Street to End	
Second Street from Colonial Avenue Drive to North Fairfax Street	
Laird Place from Manor Road to Tennessee Avenue	
Stovall Street from Eisenhower Avenue to Mill Road	
South Bragg Street from City limit to End	
Ford Avenue from North Hampton Drive to End	
Banks Place from North Morgan Street to End	
Franklin Street from South Union Street to South Payne Street	
Commerce Street from South Fayette Street to South West Street	
Fern Street from North Quaker Lane to Osage Street	
North Imboden Street from North Howard to Raleigh Street	
Sanford Street from West Mount Ida to West Del Ray	
Price Street from East Bellefonte Avenue to Cliff Street	
Ballenger Avenue from Holland Lane to Courthouse Square	
South Royal Street from Gibbons Street to Queen Street	
Slaters Lane from Richmond Highway to End	
Portner Road from Slaters Lane to End	
Portner Place	

## SOUTH PATRICK STREET MEDIAN IMPROVEMENTS

DOCUMENT SUBSECTION: Non-Motorized Transportation

PROJECT LOCATION: South Patrick Street between  
Jefferson Street and Wolfe  
StreetMANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

REPORTING AREA: Southwest Quadrant; Old Town

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
TransportationPROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: Varies

South Patrick Street Median Improvements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>3,381,000</b>	-	<b>1,335,000</b>	<b>1,000,000</b>	<b>1,046,000</b>	-	-	-	-	-	-	-	<b>3,381,000</b>
Financing Plan													
State/Federal Grants	3,381,000	-	1,335,000	1,000,000	1,046,000	-	-	-	-	-	-	-	3,381,000
<b>Financing Plan Total</b>	<b>3,381,000</b>	-	<b>1,335,000</b>	<b>1,000,000</b>	<b>1,046,000</b>	-	-	-	-	-	-	-	<b>3,381,000</b>
Operating Impact	22,000	-	-	-	3,500	3,500	2,500	2,500	2,500	2,500	2,500	2,500	22,000

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will design and construct corridor improvements on South Patrick Street between Jefferson Street and Wolfe Street. Improvements include a widened, tree-planted median, pedestrian refuge areas, upgraded curb ramps, and new pedestrian signals. These treatments were recommended in the 2018 South Patrick Street Housing Affordability Strategy and will help to improve pedestrian safety and access, calm traffic, provide a gateway into Alexandria, and aesthetically improve the corridor.

This project supports the City's goals and actions laid out in the Alexandria Mobility Plan, Vision Zero Action Plan, and Environmental Action Plan. The City secured funding for this project through the Virginia Department of Transportation's Smart Scale Program. Design is expected to begin in FY 2023.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

South Patrick Street Housing Affordability Strategy; Alexandria  
Mobility Plan; Vision Zero Action Plan; Environmental Action Plan

### ADDITIONAL OPERATING IMPACTS

Operational needs include periodic tree pruning, concrete repairs,  
and signal repairs.



## TRANSPORTATION PROJECT PLANNING

DOCUMENT SUBSECTION: Non-Motorized Transportation  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 2  
 ESTIMATE USEFUL LIFE: Varies

Transportation Project Planning													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	2,600,000	-	250,000	350,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,600,000
Financing Plan													
Cash Capital	2,600,000	-	250,000	350,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,600,000
Financing Plan Total	2,600,000	-	250,000	350,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,600,000

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will fund a variety of transportation project planning studies that will help staff assess transportation projects identified in City plans like Small Area Plans, the Transportation Long Range Plan, the Environmental Action Plan, or the Alexandria Mobility Plan. These studies could include elements such as feasibility studies, transportation analysis, community outreach, cost estimates or development of initial concepts or alternatives for projects. The goal of these studies is to prepare for and increase competitiveness of grant applications and other transportation funding opportunities in order to more effectively implement projects.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Alexandria Mobility Plan; Transportation Long Range Plan,  
 Environmental Action Plan; Small Area Plans

### ADDITIONAL OPERATING IMPACTS

No Additional operating impacts identified at this time.

## EISENHOWER BROADBAND COMMUNICATIONS LINK

DOCUMENT SUBSECTION: Smart Mobility  
MANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

PROJECT LOCATION: 4600 - 5700 Eisenhower Ave  
REPORTING AREA: Eisenhower West

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
Transportation

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: Varies

Citywide Trans. Mgmt. Tech. - Broadband Communications Link													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,018,742	1,018,742	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
State/Federal Grants	1,000,000	1,000,000	-	-	-	-	-	-	-	-	-	-	-
TIP	18,742	18,742	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	1,018,742	1,018,742	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The Eisenhower Broadband Communications Link project designs and constructs the expansion of the Smart Mobility fiber optic communications (broadband) network onto Eisenhower Avenue, between Van Dorn Street and Clermont Avenue. This will allow the City to better synchronize traffic signals along Eisenhower Avenue, install traffic surveillance cameras, and provide the platform to install future smart technology.

With the proposed development in the Eisenhower West area, new smart infrastructure including traffic signals, is needed to manage the anticipated increase in traffic volume. This project aims to mitigate the impacts of proposed development along Eisenhower Avenue with the installation of communications conduit and fiber optic cable, and surveillance cameras at key locations for real time traffic monitoring and a communications network that will connect the new and existing traffic signals to provide synchronization along this corridor.

This project will build onto the infrastructure installed with the ITS Integration project, which has already begun. . Design will be completed in the spring of 2022 with construction beginning in FY 2023.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## DASH TECHNOLOGIES

DOCUMENT SUBSECTION: Smart Mobility  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: 16 - 20 Years

DASH Technologies													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	3,856,668	627,568	350,000	255,800	-	1,026,000	1,307,400	289,900	-	-	-	-	3,229,100
Financing Plan													
CMAQ/RSTP	3,229,100	-	350,000	255,800	-	1,026,000	1,307,400	289,900	-	-	-	-	3,229,100
NVTA 70% Funds	150,000	150,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	477,568	477,568	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	3,856,668	627,568	350,000	255,800	-	1,026,000	1,307,400	289,900	-	-	-	-	3,229,100
Operating Impact	996,100	-	-	-	-	130,000	133,900	137,900	142,100	146,300	150,700	155,200	996,100

### CHANGES FROM PRIOR YEAR CIP

Funding schedule updated to reflect latest grant schedule for project.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will fund DASH technology initiatives which will provide better operational data to both customers and planners. This project will also allow DASH to operate more efficiently and help to improve the overall DASH customer experience. Phase I of this project funded the purchase of automated passenger counters (APC's), which greatly improve the quality of ridership reporting and any service planning decisions that result from that data and improved real-time prediction software that feeds to customers via digital bus information stop signs, DASH Tracker, WMATA's BusETA, and third-party apps. This project is being coordinated with the City's Smart Mobility Program and other transit and street technology enhancement projects.

For FY 2023, DASH is pursuing additional technological enhancements that may include: real-time bus capacity information for customers, business analytic tools, onboard passenger information displays, replacement/expansion of real-time information displays at stops, smart charge management systems for new electric buses, and the expansion of existing transit signal prioritization equipment and pedestrian detection systems to the entire DASH fleet. Future projects are likely to include the above examples along with the replacement/upgrade of the existing DASH CAD/AVL (Computer-Aided Dispatch/Automated Vehicle Locator) system, which is expected to reach the end of its useful life in the next three years.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Smart Mobility Program, Alexandria Transit Vision Plan, Alexandria Mobility Plan

### ADDITIONAL OPERATING IMPACTS

Annual fee for licensing and support of data systems implemented by this project.

## INTELLIGENT TRANSPORTATION SYSTEMS (ITS) INTEGRATION

DOCUMENT SUBSECTION: Smart Mobility  
MANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
Transportation

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: Varies

Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	14,429,640	10,709,051	735,189	600,000	2,385,400	-	-	-	-	-	-	-	3,720,589
Financing Plan													
Cash Capital	37,629	37,629	-	-	-	-	-	-	-	-	-	-	-
CMAQ/RSTP	3,720,589	-	735,189	600,000	2,385,400	-	-	-	-	-	-	-	3,720,589
State/Federal Grants	8,298,892	8,298,892	-	-	-	-	-	-	-	-	-	-	-
TIP	2,372,530	2,372,530	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	14,429,640	10,709,051	735,189	600,000	2,385,400	-	-	-	-	-	-	-	3,720,589
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding schedule updated to reflect latest grant schedule for project.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides funding for the design and installation of upgrades to the City's Smart Mobility initiative, which keeps City streets safe and running smoothly, while also laying the groundwork for emerging technologies that will shape transportation over the next five, ten, twenty years and beyond. Completion of this project will replace much of the City's 30-year old traffic signal communications and allow public safety departments to monitor real time conditions on the City's roadway network. Staff is working with the ITS Department to determine if cost savings can be achieved by coordinating construction of this project with the Municipal Fiber project.

This project has five phases that largely focus on the design and installation of the City's fiber optic communications (broadband) network, which is the laying of cable that allows regional transportation agencies to communicate faster and more efficiently to manage traffic and respond to emergencies. The project also includes the installation of field devices such as traffic cameras, weather stations, flood monitoring equipment and pavement temperature sensors which capture data that can be used to reduce congestion and better manage the City's roadways.

The five phases are as follows:

- Phase I (Complete): Installed a broadband fiber optic communications network, 11 traffic surveillance cameras, and a traffic management center.
- Phase II (Complete): Supplemented the first phase, expanded the broadband network and installed additional traffic surveillance cameras.
- The design for Phase III began in FY 2019 and will be complete in FY 2022. Construction will begin in early FY 2023. This phase includes the installation of 10 new traffic surveillance cameras, upgrading the control center video wall, connecting 50 traffic signals to the fiber optic backbone and running fiber optic cable along parts of Van Dorn Street and the western end of Duke Street. Funding from this grant will also provide staff support for this project and coordinate with the ITS Department regarding technology aspects of this project.
- The design for Phase IV began in FY 2022 and construction is scheduled to begin in late FY 2023. This phase will add 10 more traffic surveillance cameras and connect 46 traffic signals to the fiber optic backbone.
- The funding for Phase V becomes available in FY 2025 and design will begin at that time. Phase V will focus mainly on installing a fiber optic backbone to the Mount Vernon Avenue corridor and connecting approximately 20 traffic signals to the fiber optic backbone and installation of approximately 5 traffic surveillance cameras. This project may be constructed in coordination with the Municipal Fiber project to reduce costs and limit disturbance to the community.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## PARKING TECHNOLOGIES

DOCUMENT SUBSECTION: Smart Mobility  
MANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
Transportation

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 6 - 10 Years

Citywide Parking - Parking Technologies													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,860,169	1,610,169	250,000	-	-	-	-	-	-	-	-	-	250,000
Financing Plan													
CMAQ/RSTP	873,629	623,629	250,000	-	-	-	-	-	-	-	-	-	250,000
State/Federal Grants	986,540	986,540	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	1,860,169	1,610,169	250,000	-	-	-	-	-	-	-	-	-	250,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

Parking and curbside management is high priority for the City. By using parking technology, the City can more efficiently manage on and off-street parking resources and help provide more information about parking options to the community and visitors. This project provides funding for an analysis of potential parking technologies for the City, development of an implementation plan, and the deployment of new parking technologies. These technologies could include real time parking occupancy systems for on-street spaces and parking garages/lots, and web-based interactive maps, dynamic signage that illustrates real-time parking availability in city-owned garages, and other parking technologies. These technologies will mostly be off-the-shelf solutions requiring minimal design and engineering.

This project is fully funded with CMAQ/RSTP funds each year from FY 2018 – 2023. In FY 2021, the City completed a framework plan for implementation of parking technologies, including prioritizing specific categories of technologies to purchase and implement. The City will focus on user experience and payment technologies as well as data collection and management systems.

Procurement of short-term parking technology installations began in FY 2022 and will continue each year thereafter as funding is available. In FY 2023, staff will continue procurement and implementation of specific technology in City garages and in on-street parking areas that improves the user's experience, such as real time signage, online parking maps, and enhanced payment options. This program will include evaluations of new parking technologies being installed as well as research on best practices for future technology applications that will help the City better manage parking, curbside uses and traffic. Funding is available annually through FY 2023.

Depending on the readily changing types of and uses for parking and curbside management technology, additional funding may be needed to complete this project or maintain installed equipment or software, or the project's scope may need to be narrowed.

Once implemented, these technologies will support economic development by providing more efficient parking strategies for residents, employees, and visitors and will allow the City to manage parking and traffic assets more efficiently.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Alexandria Mobility Plan; T&ES Strategic Plan; Old Town Area Parking Study; Del Ray Parking Study

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## SMART MOBILITY IMPLEMENTATION

DOCUMENT SUBSECTION: Smart Mobility  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Themes 4 & 10

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: Varies

Smart Mobility Implementation													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	4,189,400	-	-	-	-	3,306,400	883,000	-	-	-	-	-	4,189,400
Financing Plan													
CMAQ/RSTP	4,189,400	-	-	-	-	3,306,400	883,000	-	-	-	-	-	4,189,400
Financing Plan Total	4,189,400	-	-	-	-	3,306,400	883,000	-	-	-	-	-	4,189,400
Operating Impact	76,600	-	-	-	-	10,000	10,300	10,600	10,900	11,300	11,600	11,900	76,600

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

Smart mobility is a broad term that incorporates the application of technology to streets, traffic signals, vehicles, parking systems, and other transportation infrastructure to make them more efficient and safer, while providing data that can help improve long-term decision-making about where and what changes to make to our streets. In the coming decade, converging innovations and technology are likely to play a transformative role in transportation.

The Smart Mobility Implementation Project is funded by CMAQ/RSTP dollars beginning in FY 2026. These funds will be used to implement projects outlined in the Smart Mobility Framework Plan which is being updated in FY 2023 and will help to prioritize projects for implementation.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

It is anticipated that many of these services will be cloud based and future operating costs will be in the form of subscription based services.

## TRAFFIC ADAPTIVE SIGNAL CONTROL

DOCUMENT SUBSECTION: Smart Mobility  
MANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
Transportation

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: Varies

Traffic Adaptive Signal Control													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	8,219,347	5,266,347	2,953,000	-	-	-	-	-	-	-	-	-	2,953,000
Financing Plan													
State/Federal Grants	5,266,347	5,266,347	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants (Smartscale)	2,953,000	-	2,953,000	-	-	-	-	-	-	-	-	-	2,953,000
Financing Plan Total	8,219,347	5,266,347	2,953,000	-	-	-	-	-	-	-	-	-	2,953,000
Operating Impact	222,309	-	-	-	25,000	25,750	26,523	27,318	28,138	28,982	29,851	30,747	222,309

### CHANGES FROM PRIOR YEAR CIP

Funding schedule updated to reflect latest grant schedule for project.

### PROJECT DESCRIPTION & JUSTIFICATION

This two-phase project will install new control software, hardware, and traffic sensors to monitor traffic in real-time. It also funds the design and installation of traffic adaptive signal control systems. This project will allow the City's traffic signals to adjust in real-time to changing traffic, helping to eliminate delays and reduce the incentive to cut through neighborhoods. Traffic adaptive signal control is a traffic management strategy in which traffic signals automatically adjust operations to adapt to changes in traffic. These changes are based on real-time traffic demand. This allows traffic signals to adjust to actual traffic demand and flow rather than variables that are less effective predictors, and continuously synchronize with each other to optimize traffic flow throughout a network to better manage traffic flow on the City's roadways.

Traffic Adaptive Signal Control is a key project in the Smart Mobility program. Traffic navigation apps have rendered traditional time of day traffic signal control obsolete. Everyday navigation apps alter traffic behavior depending on regional traffic conditions. Traffic Adaptive Control will help take the City into the future. This project will utilize many of the features installed by previous Smart Mobility projects as well as seek to integrate with navigation apps and other data sources as well as incorporate artificial intelligence.

- Phase I began in FY 2021 and will be finalized in FY 2022. Construction will start in FY 2023. Phase I of this project will install a new server with a traffic signal management and adaptive system. Adaptive control will be implemented on both Van Dorn St and Duke Street. This work will involve installing vehicle detection as well as smart traffic signal controllers along the adaptive corridors.
- Phase II design is anticipated to begin in FY 2023. This phase will expand adaptive control to other areas of the City as well as install DSL communications to support Ethernet communications to traffic signals that are currently not served by fiber optic communications cable. As with Phase I, detection and smart traffic signal controllers will be installed along adaptive corridors.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Smart Mobility Framework Plan

### ADDITIONAL OPERATING IMPACTS

A software support/maintenance agreement will be needed to maintain this asset.

## TRAFFIC CONTROL UPGRADE

DOCUMENT SUBSECTION: Smart Mobility  
MANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
Transportation

PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	2,933,400	653,000	60,000	175,200	202,800	208,800	215,000	221,400	228,200	235,100	242,200	491,700	2,280,400
Financing Plan													
Cash Capital	2,883,400	603,000	60,000	175,200	202,800	208,800	215,000	221,400	228,200	235,100	242,200	491,700	2,280,400
Private Capital Contributions	50,000	50,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	2,933,400	653,000	60,000	175,200	202,800	208,800	215,000	221,400	228,200	235,100	242,200	491,700	2,280,400
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects.

### PROJECT DESCRIPTION & JUSTIFICATION

The Traffic Control Upgrade project funds ongoing capital maintenance, support and required hardware upgrades associated with implementation of the City's Smart Mobility initiative and state of good repair for City assets.

The project supports necessary technology upgrades and software/system support contracts associated with the City's traffic surveillance cameras, broadband fiber optic communications network and hardware/systems in the management center. Additionally, this project provides funding for emergency repairs and replacement in cases of equipment failure of the existing traffic control system.

FY 2022 funding was used to upgrade the Duke Street Digital Subscriber Line (DSL) communication system. This system is 10 years old and has reached its useful life. The Duke Street DSL system is important because it allows video to be broadcast from the traffic cameras along Van Dorn Street. This segment of Duke Street does not have fiber optic cable and the DSL system allows the City to leverage the existing copper communications cable to the greatest extent possible.

FY 2023 funding will be used to pay for the annual support contracts for the City's traffic signal control system, and video management system. In addition, deployment of technology is being evaluated to port live streaming traffic camera video to DEC and the EOC.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## TRANSIT SIGNAL PRIORITY

DOCUMENT SUBSECTION: Smart Mobility  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Themes 4 & 10

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: Varies

Transit Signal Priority													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	3,365,491	1,255,491	-	374,000	1,736,000	-	-	-	-	-	-	-	2,110,000
Financing Plan													
NVTA 30% Funds	60,000	60,000	-	-	-	-	-	-	-	-	-	-	-
NVTA 70% Funds	1,195,491	1,195,491	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	2,110,000	-	-	374,000	1,736,000	-	-	-	-	-	-	-	2,110,000
Financing Plan Total	3,365,491	1,255,491	-	374,000	1,736,000	-	-	-	-	-	-	-	2,110,000
Operating Impact	124,000	-	-	-	12,000	13,000	14,000	15,000	16,000	17,000	18,000	19,000	124,000

### CHANGES FROM PRIOR YEAR CIP

Funding schedule updated to reflect latest grant schedule for project.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will install Transit Signal Priority (TSP) on priority transit corridors throughout the City. Transit Signal Priority allows buses to request priority at intersections, thereby reducing wait time for passengers. This also allows transit vehicles to bypass congestion and offer more reliable services, making transit faster, easier and more appealing as a travel option. The existing bus fleet has been retrofitted with TSP equipment as the City upgrades traffic signals with TSP on corridors throughout the City, starting with Duke Street, Route 1 and King Street. All new buses will be equipped with TSP technology.

TSP has been installed at 56 traffic signals within the City. These signals are on major transit corridors including Seminary Road, King Street, Duke Street, Van Dorn Street and Beauregard Street. The City is coordinating TSP implementation with WMATA and DASH and considering future technology to further enhance performance of the transit system.

An additional benefit of installing TSP infrastructure is that emergency vehicles can utilize this equipment to request preemption at intersections. Technology is being installed in emergency vehicles to allow them to respond to emergencies with less delays by utilizing the installed TSP.

TSP was installed on both Duke Street and King Street in FY 2021. In future phases of this project, TSP will also be installed along the high capacity transit corridors when those projects are constructed. Future funding is anticipated to be requested to install additional TSP equipment at intersections in key transit corridors across the City, including King Street, Duke Street, Van Dorn Street, Seminary Road and Beauregard Street. This funding also supports installing retrofitted TSP equipment on any remaining DASH buses that are not outfitted with TSP technology.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Smart Mobility Framework Plan, Alexandria Transit Vision Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## TRANSPORTATION TECHNOLOGIES

DOCUMENT SUBSECTION: Smart Mobility  
MANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
Transportation

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: Varies

Citywide Trans. Mgmt. Tech. - Transportation Technologies													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>4,090,412</b>	<b>1,620,312</b>	<b>265,300</b>	-	<b>281,500</b>	-	<b>298,500</b>	<b>309,500</b>	<b>316,800</b>	<b>326,300</b>	<b>336,100</b>	<b>336,100</b>	<b>2,470,100</b>
Financing Plan													
GO Bonds	115,000	115,000	-	-	-	-	-	-	-	-	-	-	-
Reprogrammed TIP Bonds	95,312	95,312	-	-	-	-	-	-	-	-	-	-	-
TIP	3,880,100	1,410,000	265,300	-	281,500	-	298,500	309,500	316,800	326,300	336,100	336,100	2,470,100
<b>Financing Plan Total</b>	<b>4,090,412</b>	<b>1,620,312</b>	<b>265,300</b>	-	<b>281,500</b>	-	<b>298,500</b>	<b>309,500</b>	<b>316,800</b>	<b>326,300</b>	<b>336,100</b>	<b>336,100</b>	<b>2,470,100</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project funds the deployment of small-scale transportation technology projects to improve efficiency of the transportation infrastructure including parking technology, traffic signals and signs. This technology will improve the reliability and integrity of future transportation studies and informed decision making. These technologies will also contribute to the engineering improvements being implemented as part of the City's Vision Zero and Complete Streets Programs as well as parking technologies to better manage on-street and garage parking.

Prior year funding has been used to upgrade city parking meter modems from 2G to 3G to ensure continued operation and reliability as cellular providers phase out 2G service. It has also been used to collect data and install signal detection, parking technologies, and the City's first pavement sensors to assist in snow removal operations.

In FY 2022, funding was used to deploy additional pavement sensors, parking garage technology, assess vehicle electrification needs and support data collection efforts that will enable better analysis of traffic trends and real time decision making. Funds were also used to pilot signal detection technology to evaluate various systems. The possibility of connecting some of the City's remote traffic signals to the traffic center using wireless communications was evaluated in FY 2022. In FY 2023, additional parking technology will be deployed. The City will continue to contract with data providers that analyze traffic and parking.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

**BRIDGE REPAIRS**

DOCUMENT SUBSECTION: Streets & Bridges  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: 11 - 15 Years

Bridge Repairs													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 FY 2032
Expenditure Budget	62,997,080	13,157,092	2,517,788	2,733,600	2,979,500	3,209,200	7,063,900	4,934,600	5,949,700	6,320,800	6,846,800	7,284,100	49,839,988
Financing Plan													
Cash Capital	2,959,092	2,959,092	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	14,000	14,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	57,873,988	9,534,000	2,517,788	2,733,600	2,979,500	3,209,200	5,563,900	4,934,600	5,949,700	6,320,800	6,846,800	7,284,100	48,339,988
TIP	650,000	650,000	-	-	-	-	-	-	-	-	-	-	-
VDOT State Revenue Sharing	1,500,000	-	-	-	-	-	1,500,000	-	-	-	-	-	1,500,000
Financing Plan Total	62,997,080	13,157,092	2,517,788	2,733,600	2,979,500	3,209,200	7,063,900	4,934,600	5,949,700	6,320,800	6,846,800	7,284,100	49,839,988
Operating Impact													

**CHANGES FROM PRIOR YEAR CIP**

Project funding increase to reflect maintenance needs of City's bridge inventory.

**PROJECT DESCRIPTION & JUSTIFICATION**

This project provides funding for the maintenance, repair, and painting of steel structures, joint sealing, bearing repairs, and the rehabilitation of bridge decks and structures. The City conducts a federally mandated bridge inspection program for in-service bridges and designates safety ratings to the bridges inspected. All bridges in the City are inspected at a minimum of every two years, and the results are reported to the State. Industry standards indicate that bridges need to be repainted every 10 to 15 years, while bridge deck reconstruction and rehabilitation may be required every 20 to 25 years.

In FY 2019, staff developed a long-term maintenance plan for the preventive maintenance, corrective maintenance, and repair of all bridges inspected and maintained by the City. This plan identified all major and minor repair work needed for all City bridges and identifies a regular maintenance interval for each bridge. In FY 2021, using new funding, work began on the long-term maintenance plan to repair City bridges based on the priority identified in the plan. Once the major work is completed for each bridge, the bridge will be placed in a regular maintenance interval and will be maintained based on the schedule as identified using industry standards. Routine maintenance will be handled by internal and contractor maintenance teams, depending on the complexity and scope of work.

This is an ongoing maintenance project and is always in the planning, design and construction phases. As bridge inspection reports are received, maintenance items are reviewed and either completed by the Maintenance Division or a bid package is issued for the repairs. A reprioritization schedule that focuses on the inspection schedule is continuously updated to address the needs. Changes to regulations with Federal Procurement (Environmental, Administration and Inspection Costs) and increases and construction labor and material costs are both significant drivers of cost increases in this project.

This project supports the implementation of asset management efforts that prioritize maintenance of critical infrastructure, increase the value obtained from infrastructure expenditures, and achieve a progressively higher level of service for Alexandria.

**EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION**

N/A

**ADDITIONAL OPERATING IMPACTS**

No additional operating impacts identified at this time.

## Bridge Repairs (continued)

## Bridge Repairs FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
Cameron Station Overpass over Duke Street	\$1,297,224
Van Dorn Street over Duke Street	\$959,946
Routine Inspection and Consulting Services	\$144,788
Routine Bridge Maintenance	\$115,830
<b>Total Fiscal Year 2023</b>	<b>\$2,517,788</b>

<b>Fiscal Year 2024</b>	
Description	Amount
Duke Street Over Holmes Run	\$806,670
Ben Brenman Bridge	\$1,463,530
Routine Inspection and Consulting Services	\$150,600
Routine Bridge Maintenance	\$312,800
<b>Total Fiscal Year 2024</b>	<b>\$2,733,600</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Bridge Repairs	\$2,387,800
Routine Inspection and Consulting Services	\$174,500
Routine Bridge Maintenance	\$417,200
<b>Total Fiscal Year 2025</b>	<b>\$2,979,500</b>

NOTE: Identified bridge maintenance projects based on current inspection records which are subject to change based on future inspection and program prioritization efforts.

## EAST GLEBE & ROUTE 1

DOCUMENT SUBSECTION: Streets & Bridges  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Route 1 at E. Glebe Road  
 REPORTING AREA: Potomac Yard/Potomac Greens

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: Varies

East Glebe & Route 1													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	8,063,000	4,600,000	-	350,000	-	535,000	-	1,317,000	1,261,000	-	-	-	3,463,000
Financing Plan													
Private Capital Contributions	4,950,000	4,600,000	-	350,000	-	-	-	-	-	-	-	-	350,000
State/Federal Grants	3,113,000	-	-	-	-	535,000	-	1,317,000	1,261,000	-	-	-	3,113,000
Financing Plan Total	8,063,000	4,600,000	-	350,000	-	535,000	-	1,317,000	1,261,000	-	-	-	3,463,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding schedule updated to reflect latest grant schedule for project.

### PROJECT DESCRIPTION & JUSTIFICATION

The East Glebe Road & Route 1 Intersection Improvement project consists of constructing an exclusive left-turn lane, through lane, and right-turn lane in the eastbound direction, and crossing improvements. This project is needed to accommodate the increase in traffic through the existing intersection generated by the surrounding new development, including Potomac Yard and Oakville Triangle. The project will also include improved sidewalks and bike lanes, consistent with the Transportation Master Plan recommendations. The project should be coordinated with the Route 1 Metroway Extension project that will extend the Metroway from E. Glebe Road to Evans Lane.

Completion of this project will allow traffic to move through the intersection in a safe and efficient manner. This project is being funded primarily through SmartScale funding and developer contributions.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

North Potomac Yard Small Area Plan; Route 1 / Oakville Triangle  
 Corridor Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## EISENHOWER AVENUE ROADWAY IMPROVEMENTS

DOCUMENT SUBSECTION: Streets &amp; Bridges

PROJECT LOCATION: Eisenhower Ave. from Mill Road to Holland Lane

MANAGING DEPARTMENT: Department of Transportation and Environmental Services

REPORTING AREA: Eisenhower East

PRIMARY STRATEGIC THEME: Theme 10: Multimodal Transportation

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 21 - 25 Years

Eisenhower Avenue Roadway Improvements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>11,690,110</b>	<b>11,690,110</b>	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	789,925	789,925	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	1,338,554	1,338,554	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	550,000	550,000	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	37,829	37,829	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	7,873,802	7,873,802	-	-	-	-	-	-	-	-	-	-	-
TIP	1,100,000	1,100,000	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>11,690,110</b>	<b>11,690,110</b>	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project includes the construction of an additional westbound left turn lane and sidewalk/streetscape improvements from Mill Road to Elizabeth Lane, revising the Mill Road receiving lanes to accept the dual left turns from Eisenhower Avenue, converting the traffic circle at Eisenhower and Holland to a "T" intersection, and repaving the roadway between Holland Lane and Mill Road.

There have been a number of alternatives evaluated in the concept phase of the project. The original alternative was to construct the complete project from Stovall Street to Holland Lane. Due to the changing development projections and current traffic conditions, the project was rescoped in 2011, following a community engagement process, to the interim improvement described above, and the project limits were reduced to Mill Road and Holland Lane. Full build-out will be constructed by developers as the parcels along the corridor are developed. The Project redesign was approved in 2013, followed by Right-of-way acquisition and utility relocations. The project is under construction and is anticipated to be completed in FY 2023.

Once completed, this project will better align with the City's complete street guidelines, ensuring safe and efficient travel for motorists, bicyclists, and pedestrians.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Transportation Master Plan; Eisenhower East Small Area Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## FIXED TRANSPORTATION EQUIPMENT

DOCUMENT SUBSECTION: Streets and Bridges  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

Fixed Transportation Equipment													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 FY 2032
Expenditure Budget	37,878,101	25,072,201	2,593,400	1,081,300	985,000	1,068,500	1,074,800	1,107,000	1,140,300	1,232,100	1,243,100	1,280,400	12,805,900
Financing Plan													
Cash Capital	10,381,877	10,181,877	100,000	100,000	-	-	-	-	-	-	-	-	200,000
GO Bond Interest Earnings	1,250,000	1,250,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	20,664,353	8,058,453	2,493,400	981,300	985,000	1,068,500	1,074,800	1,107,000	1,140,300	1,232,100	1,243,100	1,280,400	12,605,900
Prior Capital Funding	3,701,070	3,701,070	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	593,372	593,372	-	-	-	-	-	-	-	-	-	-	-
TIP	1,287,429	1,287,429	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	37,878,101	25,072,201	2,593,400	1,081,300	985,000	1,068,500	1,074,800	1,107,000	1,140,300	1,232,100	1,243,100	1,280,400	12,805,900
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No significant changes in funding from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides annual funding for the upgrade, maintenance and replacement of traffic control and parking equipment, as well as the installation of new traffic signals. Of particular importance is the replacement of traffic signal poles. Traffic signal poles have a design life of 25 to 30 years. With more than 250 signalized intersections in operation, numerous traffic signal poles throughout the City are approaching the end of their design life and will require replacement. For FY2025 additional funding was added to install accessible pedestrian signals for persons with disabilities. Congress is expected to pass the Federal Access Guidelines in the summer of 2022. The adopted guidelines are expected to place new regulations/requirement for accessible pedestrian signals.

Funding is also provided for replacement of the multi-space parking meters in Old Town in FY 2023 (\$1.5 million), which will have reached the end of their useful life and will be replaced with newer style pay by license plate parking meters. All funding will be used for the procurement of equipment and construction service.

Annual funding maintains the value of the City's physical assets through the maintenance of critical traffic control infrastructure. Additionally, public safety concerns are addressed by installing new traffic signals to improve the safety at dangerous intersections.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

T&ES Strategic Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Fixed Transportation Equipment (continued)

## Fixed Transportation Equipment FY 2023 – FY 2025 Project List

<b>Fiscal Year 2023</b>	
Description	Amount
New Parking Meters in Old Town	\$1,500,000
Reconstruct signal at Patrick & Cameron	\$150,000
Reconstruct signal at Henry & Cameron	\$150,000
New Traffic Signal at W. Glebe Rd and Reed Ave extended	\$100,000
Reconstruct signal at Duke & Holland/Reinekers	\$175,000
Reconstruct signal at West & Pendleton	\$135,000
Reconstruct signal at West & Braddock/Wythe	\$175,000
Reconstruct signal at Braddock & Beauregard	\$150,000
Repair knockdowns from crashes	\$28,400
Repair and upgrade of traffic signal vehicle detection	\$30,000
<b>Total Fiscal Year 2023</b>	<b>\$2,593,400</b>

<b>Fiscal Year 2024</b>	
Description	Amount
New Traffic Signal at Seminary and N. Pickett	\$125,000
Reconstruct Signal at King & Hampton	\$160,000
Reconstruct Signal at Braddock & Howard	\$150,000
Reconstruct Signal at Seminary & Howard	\$160,000
Reconstruct Signal at Duke & Henry	\$150,000
Reconstruct Signal at Duke & Patrick	\$150,000
Reconstruct Signal at Braddock & Marlee Way	\$130,000
Repair knockdowns from crashes	\$26,300
Repair and upgrade of traffic signal vehicle detection	\$30,000
<b>Total Fiscal Year 2024</b>	<b>\$1,081,300</b>

<b>Fiscal Year 2025</b>	
Description	Amount
Reconstruct Signal at Braddock and Cameron Mills	\$150,000
Reconstruct Signal at Braddock and Russell	\$150,000
Reconstruct signal at Braddock and Kenwood	\$125,000
Reconstruct signal at S. Pickett and Home Depot	\$130,000
Reconstruct signal at Van Dorn Metro Station	\$150,000
Reconstruct signal at Van Dorn and Richenbacher	\$150,000
Repair knockdowns from crashes	\$30,000
Repair and upgrade of traffic signal detection	\$100,000
<b>Total Fiscal Year 2025</b>	<b>\$985,000</b>



## FOUR MILE RUN BRIDGE PROGRAM

DOCUMENT SUBSECTION: Streets & Bridges  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

Four Mile Run Bridge Program													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	20,500,000	13,000,000	7,000,000	500,000	-	-	-	-	-	-	-	-	7,500,000
Financing Plan													
GO Bonds	20,500,000	13,000,000	7,000,000	500,000	-	-	-	-	-	-	-	-	7,500,000
Financing Plan Total	20,500,000	13,000,000	7,000,000	500,000	-	-	-	-	-	-	-	-	7,500,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added in FY 2024 to accommodate additional anticipated costs of bridge program.

### PROJECT DESCRIPTION & JUSTIFICATION

In September 2020, City Council and the Arlington County Board jointly adopted a Comprehensive Intergovernmental Agreement for the maintenance, inspection and rehabilitation or replacement of the five Four Mile Run Bridges. The West Glebe Road and Arlington Ridge Road bridges are in a deteriorated condition (rated at serious and poor condition, respectively), and need to be rebuilt and/or replaced. Currently, the Shirlington Road, Route 1, and Potomac Avenue bridges are in satisfactory condition and major capital investments are not contemplated in the short or medium terms.

A joint city-county remediation plan began in 2019 and work is anticipated for completion in 2023. In FY 2022, Arlington County and the City of Alexandria will begin working on the Mt. Vernon / Arlington Ridge Road Bridge between the two jurisdictions.

There are an additional three (3) bridges over Four Mile Run (Shirlington/Arlington, Richmond Highway/Alexandria, and Potomac Avenue/Alexandria) that will require rehabilitation and/or reconstruction due deteriorating bridge conditions in the distant future.

In the long-term, cost sharing obligations for city-county arrangement will be programmed into future capital improvement programs. At this time, no additional investments are planned in the current 10-year CIP. The jurisdictions also intend to jointly apply for future state and federal critical infrastructure grant programs.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

HISTORIC INFRASTRUCTURE MATERIALS

DOCUMENT SUBSECTION: Streets & Bridges

MANAGING DEPARTMENT: Department of Transportation and Environmental Services

PRIMARY STRATEGIC THEME: Theme 10: Multimodal Transportation

PROJECT LOCATION: Citywide

REPORTING AREA: Citywide

PROJECT CATEGORY: 1

ESTIMATE USEFUL LIFE:

Historic Infrastructure Materials													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	4,738,200	-	508,300	387,300	398,700	414,400	498,300	447,900	465,700	483,900	546,500	587,200	4,738,200
Financing Plan													
GO Bonds	4,738,200	-	508,300	387,300	398,700	414,400	498,300	447,900	465,700	483,900	546,500	587,200	4,738,200
Financing Plan Total	4,738,200	-	508,300	387,300	398,700	414,400	498,300	447,900	465,700	483,900	546,500	587,200	4,738,200

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

PROJECT DESCRIPTION & JUSTIFICATION

The City of Alexandria maintains and manages historic streets within the Old Town and other selected areas within the City. This project funds the preservation, repairs and rehabilitation of sidewalks, curb and gutters and roadways that are not made of concrete and/or of asphalt, but of historic or non-traditional pavement materials. These historic materials include cobblestone, brick, and granite within roads, sidewalks and alleys.

The City’s historic road network is a critical piece of City infrastructure which provides for the safe and efficient movement of people, goods and services. These historic roads are historically valuable in preserving the history of the City, the economic draw to the City, and define the character of identified areas. This project also includes funding to build staff capacity for the type of historic work that will be required and to ensure improvements are made in a consistent and historically appropriate manner.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## KING & BEAUREGARD INTERSECTION IMPROVEMENTS

DOCUMENT SUBSECTION: Streets &amp; Bridges

PROJECT LOCATION: King Street / North Beauregard Street / Walter Reed Drive  
REPORTING AREA: Alexandria West

MANAGING DEPARTMENT: Department of Transportation and Environmental Services

PROJECT CATEGORY: 2

PRIMARY STRATEGIC THEME: Theme 10: Multimodal Transportation

ESTIMATE USEFUL LIFE: 21 - 25 Years

King & Beauregard Intersection Improvements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>20,325,656</b>	<b>18,025,656</b>	<b>1,200,000</b>	<b>1,100,000</b>	-	-	-	-	-	-	-	-	<b>2,300,000</b>
Financing Plan													
Cash Capital	181,494	181,494	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	1,371,300	1,371,300	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	2,760,562	460,562	1,200,000	1,100,000	-	-	-	-	-	-	-	-	2,300,000
Prior Capital Funding	19,600	19,600	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	15,992,700	15,992,700	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>20,325,656</b>	<b>18,025,656</b>	<b>1,200,000</b>	<b>1,100,000</b>	-	-	-	-	-	-	-	-	<b>2,300,000</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Additional funding was added in FY 2023 due to increase costs of construction and materials and revised scope to include safety enhancements.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides for traffic flow and crossing improvements at King Street and Beauregard Street. The project limits include King Street from Chesterfield Road to North Hampton Drive and on North Beauregard Street from Branch Avenue to King Street. The approved at grade improvements will add additional left turn lanes in each direction on King Street. The project will also include medians with pedestrian refuges and a shared use path on portions of King Street and North Beauregard Street to improve the multimodal environment. The improvements will increase capacity and safety through the corridor.

Engineering design and right-of-way (ROW) acquisition is completed. Utility relocation coordination continues, and a consultant is working on final bid documents (plans and specifications). The construction will be phased to facilitate the utility relocation.

Construction on Phase I is complete. The utility relocation is anticipated to be complete by the end of FY 2022. The final design was revised in FY 2022 to include safety enhancements for people crossing through the intersection. Phase II construction is anticipated to begin in 2023 with an estimated completion date of early 2025.

Once completed, this project will provide for a safer intersection, with additional transportation infrastructure for bicyclists and pedestrians.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Transportation Master Plan; Approved by City Council in March 2010.

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## LANDMARK MALL 395 RAMP IMPROVEMENTS

DOCUMENT SUBSECTION: Streets & Bridges  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Landmark/Van Dorn  
 REPORTING AREA: Landmark/Van Dorn

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 2  
 ESTIMATE USEFUL LIFE:

Landmark Mall 395 Ramp Improvements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	12,102,200	3,260,000	-	-	-	8,842,200	-	-	-	-	-	-	8,842,200
Financing Plan													
Cash Capital	760,000	760,000	-	-	-	-	-	-	-	-	-	-	-
NVTA 30% Funds	2,500,000	2,500,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants (Unsecured)	8,842,200	-	-	-	-	8,842,200	-	-	-	-	-	-	8,842,200
Financing Plan Total	12,102,200	3,260,000	-	-	-	8,842,200	-	-	-	-	-	-	8,842,200

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

As a result of INOVA Hospital relocating to the Landmark Mall site and other proposed development within the Landmark/Van Dorn area, the number of drivers anticipated to exit from northbound I-395 will significantly increase. Currently, there is no direct access for drivers or emergency vehicles from northbound I-395 into the Landmark site and the hospital.

Modifications to the the northbound I-395 ramp onto eastbound Duke Street will provide direct access from the ramp into the eastbound Duke Street left turn lanes at the South Walker Street intersection, leading into the site. The new configuration will mitigate the weaving conflict between drivers from the ramp and drivers traveling eastbound through on Duke Street. This requires slight modification to the ramp's alignment, potential lane configuration changes to the ramp and Duke Street, and an additional traffic signal.

The project will include a comprehensive operational and safety analysis report in accordance to VDOT's guidance to demonstrate the preferred alternative design will not have significant adverse impacts related to operation and safety on the interstate, ramp, or local streets. This report requires review and approval by VDOT and FHWA. In addition, the project will include design and construction of the preferred alternative identified through the report.

The report should be complete in FY 2023. Design will start shortly after the report's approval. The design will be completed in FY 2025 and construction is slated to be completed in FY 2028. Community engagement will be included during the design phase.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Landmark Mall Development CDD

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## SEMINARY ROAD AT BEAUREGARD STREET ELLIPSE

DOCUMENT SUBSECTION: Streets & Bridges  
 MANAGING DEPARTMENT: Department of Project Implementation

PROJECT LOCATION: Seminary Rd. at Beauregard St.  
 REPORTING AREA: Seminary Hill

PRIMARY STRATEGIC THEME: Theme 10: Multimodal Transportation

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: 21 - 25 Years

Seminary Road at Beauregard Street Ellipse													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 FY 2032
Expenditure Budget	37,075,000	325,000	500,000	-	3,250,000	-	33,000,000	-	-	-	-	-	36,750,000
Financing Plan													
Private Capital Contributions	500,000	-	500,000	-	-	-	-	-	-	-	-	-	500,000
State/Federal Grants (Unsecured)	36,250,000	-	-	-	3,250,000	-	33,000,000	-	-	-	-	-	36,250,000
TIP	325,000	325,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	37,075,000	325,000	500,000	-	3,250,000	-	33,000,000	-	-	-	-	-	36,750,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding schedule updated to align with anticipated schedule for project.

### PROJECT DESCRIPTION & JUSTIFICATION

The redesign and construction of the Beauregard Street and Seminary Road intersection was recommended as a project in the 2012 adopted Beauregard Small Area Plan. The intersection was planned to be reconfigured in the form of an at-grade intersection, referred to as an “ellipse” due to its geometric layout. The primary benefit of the elliptical configuration is the reduction of potential vehicle conflict points due to the elimination of the left turn movements along Seminary Road by eliminating left turns from both directions and redirecting those movements as right turns.

Due to reduced expectancy in development and updated travel patterns and data, the city plans to conduct an updated traffic study, reevaluate the ellipse concept and explore alternatives to address existing and projected traffic conditions while also considering multi-modal accommodations.

The traffic analysis phase will update the traffic model to determine if the ellipse design is still appropriate for the locations or if other design concepts meet current city goals. The concept planning will include a cost estimate of the preferred alternative which will assist in determining a plan to obtain additional funding to finalize design and construct the project. The traffic analysis and study will occur during FY 2022. Community engagement will begin in FY 2023 and a complete concept design will be determined by FY 2024.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Beauregard Small Area Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## STREET RECONSTRUCTION & RESURFACING OF MAJOR ROADS

DOCUMENT SUBSECTION: Streets & Bridges  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 10: Multimodal  
 Transportation

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: 11 - 15 Years

Street Reconstruction & Resurfacing of Major Roads													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	115,518,576	52,098,576	7,110,000	5,150,000	5,250,000	5,460,000	5,600,000	6,380,000	8,600,000	5,060,000	8,050,000	6,760,000	63,420,000
Financing Plan													
Cash Capital	5,995,679	5,995,679	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	66,925,934	27,205,934	4,910,000	4,150,000	2,750,000	4,460,000	3,100,000	3,880,000	4,100,000	4,060,000	4,050,000	4,260,000	39,720,000
State/Federal Grants	11,749,963	11,749,963	-	-	-	-	-	-	-	-	-	-	-
TIP	13,650,000	3,950,000	700,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	9,700,000
VDOT State Revenue Sharing	9,697,000	3,197,000	-	-	-	-	-	1,500,000	2,000,000	-	1,500,000	1,500,000	6,500,000
VDOT Primary Extension Routes (SGR)	7,500,000		1,500,000	-	1,500,000	-	1,500,000	-	1,500,000	-	1,500,000	-	7,500,000
Financing Plan Total	115,518,576	52,098,576	7,110,000	5,150,000	5,250,000	5,460,000	5,600,000	6,380,000	8,600,000	5,060,000	8,050,000	6,760,000	63,420,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Project funding increases to reflect increases in costs of street reconstruction and resurfacing projects.

### PROJECT DESCRIPTION & JUSTIFICATION

The City of Alexandria maintains and manages more than 561 lane miles of paved streets to ensure the safe and efficient movement of people, goods and services. T&ES completed a pavement condition index survey (PCI) in early 2019. Details from the survey, which is completed every three years, are used to rank and prioritize the resurfacing of City streets and produce a multi-year resurfacing plan. A list of planned resurfacing projects planned for FY 2023 - 2025 can be found on the next page. Due to the possibility of unexpected or emergency repairs, utility and/or development coordination, or if efficiencies can be achieved by staging projects together, the list is subject to change.

Beginning in FY 2015, staff consolidated the City's entire pavement management program (alley reconstruction/resurfacing and street resurfacing/reconstruction) into one CIP project. This became the City's multi-year pavement management program. Where applicable, Complete Streets and Vision Zero infrastructure will be incorporated into street resurfacing projects. Similar to previous years, staff intends to apply for additional VDOT Primary Extension grant funding.

The project list below is a draft and will be finalized before final budget adoption in May based on VDOT Revenue Sharing and Primary Extension agreement, utility and development coordination.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Pavement management inventory updated in 2019

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Street Reconstruction &amp; Resurfacing of Major Roads (continued)

## Street Reconstruction &amp; Resurfacing of Major Roads FY 2023 – FY 2025 Project List

FY 2023		
Street(s)	Average Pavement Condition Score	Estimated Cost
Eisenhower Avenue Concrete from 1000' W of Cameron Park Place to Lake Cook Entrance	40	\$540,000.00
Gibbon Street from South Payne Street to South Union Street	40	\$270,000.00
Griffith Place from Fort Williams Parkway to End	18	\$50,000.00
John Carlyle Street from Eisenhower Avenue to Duke Street	40	\$330,000.00
North Dearing Street from King Street to End	31	\$90,000.00
Sanger Avenue from North Van Dorn Street to End	22	\$250,000.00
Quantrell Ave from Lincolnia Road to Beauregard Street	20	\$90,000.00
Templeton Place from Fort Williams Parkway to End	17	\$45,000.00
Bennett Street from Saylor Place to End	19	\$65,000.00
Sterling Avenue from North Quaker Lane to End	24	\$45,000.00
Tower Court from South Whiting Street to End	19	\$25,000.00
Florence Drive from West Glebe Road to End	30	\$40,000.00
Four Mile Road from Mount Vernon Avenue to Florence Drive	40	\$86,000.00
West Caton Avenue from Sanford Street to Commonwealth Avenue	20	\$50,000.00
Reinekers Lane from Diagonal Road to Duke Street	25	\$40,000.00
Albany Avenue from King Street to End	32	\$25,000.00
Arell Court from Duke Street to End	36	\$50,000.00
Calhoun Avenue from North Rosser Street to End	21	\$45,000.00
Chelsea Court from Fort Williams Parkway to End	23	\$39,000.00
Clermont Avenue from Eisenhower Avenue to End	20	\$35,000.00
Cockrell Street from Duke Street to End	23	\$50,000.00
Coventry Lane from North Quaker Lane to End	24	\$55,000.00
East and West Oak Street from Mount Vernon Avenue to Russell Road	23	\$225,000.00
East Uhler Avenue from Mount Avenue Commonwealth Avenue	24	\$40,000.00
Englehardt Lane from Jamieson Avenue to End	21	\$40,000.00
Farrington Avenue from South Van Dorn Street to the City Limit	20	\$55,000.00
Saylor Place Entire Length	12	\$150,000.00
Garden Drive, Usher Drive, Vermont Avenue	26	\$80,000.00
South 28th Street from King Street to End	35	\$30,000.00
Palmer Place from Polk Avenue End	22	\$45,000.00
Pender Court from Palmer Place to End	22	\$30,000.00
Hancock Avenue from West Braddock Road to End	39	\$50,000.00
Key Drive from Francis Hammond Parkway to End (Roan Lane)	21	\$95,000.00
Jackson Place from Woodland Terrace to Tyler Place	26	\$65,000.00
Valley Drive from Preston Road to West Braddock Road	27	\$325,000.00
Lasalle Avenue from North Pickett to Juliana Place	26	\$38,000.00
Longview Drive from Duke Street to End	37	\$60,000.00
Loyola Avenue from North Howard Street to Stonebridge Road	26	\$65,000.00
Mark Center Drive from Seminary Road to North Beauregard Street (Mark Center Avenue)	20	\$300,000.00
Maris Avenue from North Van Dorn Street	39	\$45,000.00
Beverley Drive from Valley Drive to Washington Circle	25	\$95,000.00
Moss Place from Fort Worth Avenue to End	24	\$50,000.00
Notabene Drive from Old Dominion Boulevard to Four Mile Road	26	\$40,000.00
North Quaker Lane from Duke Street to West Braddock Road	52	\$530,000.00
Pommander Walk Street from Franklin Street to South Union Street	22	\$40,000.00
North Frost Street from Lawrence Street to Seminary Road	23	\$50,000.00
Potomac Greens Drive from Slaters Lane	41	\$207,000.00
Pine Street from Russell Road to Holly Street	23	\$40,000.00
Queen Street from North West Street to North Union Street	25	\$230,000.00
Raleigh Avenue Entire Length	40	\$150,000.00
Richmarr Place from North Latham Street to End	25	\$40,000.00
Rosecrest Avenue from West Custis Avenue to Russell Road	23	\$40,000.00
South Floyd from Duke Street to Wheeler Avenue	32	\$50,000.00
Sunset Drive from King Street to Commonwealth Avenue	33	\$45,000.00
Surry Place from North Latham Street to End	24	\$35,000.00
Suter Street from Earl Street to End	39	\$30,000.00
Sweeley Street from Duke Street to Colvin Street	33	\$30,000.00
Talbort Place from North Pogram Street to Prospect Place	22	\$35,000.00
Edsall Road from South Van Dorn to Cameron Station Blvd	31	\$140,000.00
Jamieson Avenue from Andrew's Lane to End	38	\$400,000.00
West and East Glendale Avenues from Leslie Avenue to West Timber Branch Parkway	30	\$240,000.00
Vasser Road from Cambridge to End (Vasser Place)	19	\$190,000.00
CityWide Alley Resurfacing		\$150,000.00
Additional Costs and Contingency		\$200,000.00
<b>Total Fiscal Year 2023</b>	<b>27</b>	<b>\$ 7,110,000</b>

## Street Reconstruction &amp; Resurfacing of Major Roads (continued)

FY 2024		
Street(s)	Average Pavement Condition Score	Estimated Cost
Duke Street from Dulany Street to South Patrick Street	36	\$605,000.00
South Washington Street from I-395 to Duke Street	35	\$700,000.00
North Washington Street from Cameron Street to First Street	36	\$700,000.00
King Street from Janneys Lane to Dangerfield Road	20	\$425,000.00
Hermitage Court from King Street to End	15	\$50,000.00
Green Street from South Patrick Street to South Lee Street	34	\$260,000.00
Cloverway Drive from Dartmouth Road to Janneys Lane	20	\$120,000.00
Holland Street from Duke to Eisenhower Avenue	29	\$160,000.00
Dale Street from Edison Street to End	19	\$130,000.00
Oakley Place from East Timber Branch Parkway to End	15	\$60,000.00
Orleans Place from North Gaillard Street to End	16	\$60,000.00
Ormond Avenue from North Gaillard Street to North Howard Street	15	\$55,000.00
Sylvan Court from Trinity Drive to End	17	\$40,000.00
Stevenson Avenue from South Whiting Street to Stulz Road	52	\$250,000.00
North Stevenson Square	21	\$60,000.00
South Stevenson Square	59	\$40,000.00
Edison Street from West Reed Avenue to End	38	\$137,000.00
North Clarens Street from Trinity Drive to End	14	\$50,000.00
North Breckinridge Place from Lincolnia Road to End	10	\$90,000.00
Murrays Avenue from Swann Avenue to Calvert Avenue	22	\$55,000.00
Oakville Street from Swann Avenue to Fannon Street	30	\$53,000.00
Fannon Street from Richmond Highway End	31	\$40,000.00
Juliana Place from North Pickett Street to End	16	\$160,000.00
East and West Mason Avenue from Stonewall Road to End	34	\$250,000.00
Pavement Condition Analysis		\$200,000.00
CityWide Alley Resurfacing/Concrete Alley Repair		\$200,000.00
Additional Costs and Contingency		\$200,000.00
		<b>\$5,150,000.00</b>

NOTE: During FY 2024, the PCI scores will be reevaluated and projects will be reprioritized. Costs are estimated at this time and are subject to change.



## Street Reconstruction &amp; Resurfacing of Major Roads (continued)

FY 2025		
Street(s)	Average Pavement Condition Score	Estimated Cost
Jamieson Avenue from South West Street to Mill Road	36	\$325,000.00
West Timber Branch Parkway from Ruffner Road to Junior Street	20	\$280,000.00
Seay Street from Longview Drive to End	38	\$75,000.00
Viewpoint Road from Longview Drive to End	24	\$75,000.00
Emerson Avenue from John Carlyle Street to Holland Lane	32	\$50,000.00
Wilkes Street from South Patrick Street to End	26	\$150,000.00
Mayer Place from Allison Street to End	51	\$45,000.00
Juniper Place from North Jordan Street to End	16	\$40,000.00
Milan Drive from West Glebe Road to Four Mile Road	31	\$50,000.00
West Windsor Avenue from Russell Road to Commonwealth Avenue	33	\$90,000.00
Herbert Street from Commonwealth Avenue to Mount Vernon Avenue	42	\$50,000.00
Manning Street from Commonwealth Avenue to Clifford Avenue	42	\$40,000.00
North and South Lee Street Entire Length	39	\$260,000.00
North Garland Street from Fort Worth Avenue to End	14	\$60,000.00
Sharp Place from Saint Stephens Road to End	30	\$35,000.00
Vicar Lane from Bishop Lane to End	30	\$50,000.00
Adams Avenue from Newton Street to Mount Vernon Avenue	43	\$90,000.00
Newton Street from East Braddock Road to East Luray Avenue	38	\$45,000.00
Gunston Road from Valley Drive to Valley Drive	37	\$300,000.00
Elizabeth Lane from Eisenhower Avenue to Courthouse Square	32	\$65,000.00
Metro Road from Eisenhower Avenue to South Van Dorn Street	24	\$240,000.00
Boyle Street from Buchanan Street to End	27	\$50,000.00
Second Street from Colonial Avenue Drive to North Fairfax Street	30	\$300,000.00
Laird Place from Manor Road to Tennessee Avenue	37	\$40,000.00
Stovall Street from Eisenhower Avenue to Mill Road	23	\$190,000.00
South Bragg Street from City limit to End	21	\$150,000.00
Ford Avenue from North Hampton Drive to End	22	\$230,000.00
Banks Place from North Morgan Street to End	15	\$60,000.00
Franklin Street from South Union Street to South Payne Street	30	\$320,000.00
Commerce Street from South Fayette Street to South West Street	38	\$45,000.00
Fern Street from North Quaker Lane to Osage Street	24	\$60,000.00
North Imboden Street from North Howard to Raleigh Street	44	\$80,000.00
Sanford Street from West Mount Ida to West Del Ray	19	\$85,000.00
Price Street from East Bellefonte Avenue to Cliff Street	43	\$45,000.00
Ballenger Avenue from Holland Lane to Courthouse Square	45	\$300,000.00
South Royal Street from Gibbons Street to Queen Street	29	\$120,000.00
Slaters Lane from Richmond Highway to End	40	\$300,000.00
Portner Road from Slaters Lane to End	39	\$75,000.00
Portner Place	54	\$35,000.00
CityWide Alley Resurfacing		\$150,000.00
Additional Costs and Contingency		\$200,000.00
Total Fiscal Year 2025		<b>\$5,250,000.00</b>

# SANITARY SEWER

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Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Sanitary Sewers												
AlexRenew Wastewater Treatment Plant Capacity	-	-	-	-	2,400,000	-	-	-	-	-	-	2,400,000
Citywide Sewershed Infiltration & Inflow	19,896,715	-	-	-	-	-	-	-	-	-	-	-
Combined Sewer Assessment & Rehabilitation	11,505,000	-	4,130,000	-	-	-	-	-	-	-	-	4,130,000
Combined Sewer Wet Weather Mitigation	-	1,500,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,500,000
Holmes Run Trunk Sewer	9,002,000	-	-	-	-	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Reconstructions & Extensions of Sanitary Sewers	17,100,452	-	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	8,100,000
Sanitary Sewer Asset Renewal Program	5,750,000	4,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	36,000,000
Sanitary Sewer Stream Crossing Protection	-	1,125,000	-	4,132,700	-	140,700	-	149,300	-	158,400	-	5,706,100
Sanitary Sewer Wet Weather Mitigation	-	3,000,000	1,500,000	1,500,000	1,000,000	1,000,000	500,000	500,000	500,000	500,000	500,000	10,500,000
Sanitary Sewers Total	63,254,167	10,125,000	11,030,000	11,032,700	8,800,000	6,540,700	5,900,000	6,049,300	5,900,000	6,058,400	5,900,000	77,336,100
Grand Total	63,254,167	10,125,000	11,030,000	11,032,700	8,800,000	6,540,700	5,900,000	6,049,300	5,900,000	6,058,400	5,900,000	77,336,100

### Significant Project Changes in the Sanitary Sewers Section

This year's Capital Improvement Program (CIP) underwent significant changes for a variety of reasons. A major driver was the need to accommodate several new projects, and commitments to funding, while keeping the General Fund transfer to the CIP consistent and staying within City debt limits. This means funding for projects in other categories had to be decreased or removed.

Projects with increased funding in this CIP section total \$28.8 million, while \$900,000 in reductions were made. Therefore, this section had a net increase of \$27.9 million, or +64 percent of the Approved FY 2022 – FY 2031 funding level. Note, these comparisons do not include Fiscal Years 2022 or 2032 funding. This section is unique from some others because investments are predominantly funded by the Sanitary Sewer Fund and fee-backed GO Bonds.

The below chart highlights any project funding that increased or decreased by more than 15%, or \$1 million.

CIP Subsection	CIP Doc Title	TOTAL FY 2023 - 2032	Amount Changed Since FY22 Approved CIP*	Percentage Changed Since FY22 Approved CIP
Sanitary Sewers	Sanitary Sewer Wet Weather Mitigation	10,500,000	10,000,000	100.0%
Sanitary Sewers	Combined Sewer Wet Weather Mitigation	10,500,000	9,500,000	100.0%
Sanitary Sewers	Sanitary Sewer Stream Crossing Protection	5,706,100	5,706,100	100.0%
Sanitary Sewers	AlexRenew Wastewater Treatment Plant Capacity	2,400,000	2,400,000	100.0%
Sanitary Sewers	Sanitary Sewer Asset Renewal Program	36,000,000	1,000,000	3.2%
Sanitary Sewers	Reconstructions & Extensions of Sanitary Sewers	8,100,000	(900,000)	(11.1%)

\*This dollar amount was calculated by comparing FY 2023 – 2031 funding levels of the FY 2022 Approved CIP and this FY 2023 Proposed CIP. Since the FY 2022 Approved CIP did not have FY 2032 funding designations, that FY was removed from these calculations.

## ALEXRENEW WASTEWATER TREATMENT PLANT CAPACITY

DOCUMENT SUBSECTION: Sanitary Sewers  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: 1500 Eisenhower Ave.  
 REPORTING AREA: Southwest Quadrant

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
 Sustainability

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: 21 - 25 Years

AlexRenew Wastewater Treatment Plant Capacity													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	2,400,000	-	-	-	-	2,400,000	-	-	-	-	-	-	2,400,000
Financing Plan													
Sanitary Sewer Fund	2,400,000	-	-	-	-	2,400,000	-	-	-	-	-	-	2,400,000
Financing Plan Total	2,400,000	-	-	-	-	2,400,000	-	-	-	-	-	-	2,400,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added in FY 2026 to complete a feasibility study and planning level engineering for project.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will include a feasibility study and planning level engineering to be performed jointly between the City and AlexRenew, to determine whether the existing AlexRenew facility can be expanded to treat an additional 4 million gallons per day (MGD). A total of \$2.4 million is included in FY 2026 to complete the feasibility study and planning level engineering. It is not anticipated that the City will reach its existing treatment capacity until after Year 2040, construction of additional wastewater treatment capacity will not be needed until after 2030. It is anticipated that the total cost of the project will be significant.

As a part of the City's 2013 Sanitary Sewer Master Plan (Master Plan) and in anticipation of future growth, it was recommended that the City seek an additional 4 MGD of wastewater treatment capacity at Alexandria Renew Enterprises (AlexRenew). This future treatment capacity was added to the FY 2014 - 2023 CIP. In 2017, state legislation was passed that required the City to accelerate the mitigation of the impacts of combined sewer overflows (CSO). Following the 2017 CSO legislation, the City transferred ownership of the combined sewer outfalls to AlexRenew. AlexRenew is currently in the preliminary design phases of its RiverRenew initiative, which will include significant construction and new facilities in order to convey combined sewer flows to the AlexRenew facility for treatment. This infrastructure, which is estimated to cost approximately \$613 million, must be constructed and operational by July 1, 2025 to comply with the 2017 CSO legislation. With the construction of RiverRenew, the City and AlexRenew will need to reassess options for additional wastewater treatment.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Sanitary Sewer Master Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

CAPITAL SUPPORT OF CSO MITIGATION PROJECTS

DOCUMENT SUBSECTION: Sanitary Sewers

PROJECT LOCATION: Citywide

MANAGING DEPARTMENT: Department of Transportation and Environmental Services

REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental Sustainability

PROJECT CATEGORY: 1

ESTIMATE USEFUL LIFE: Varies

Capital Support of CSO Mitigation Projects													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

PROJECT DESCRIPTION & JUSTIFICATION

As part of legislation passed by the 2017 Virginia General Assembly, the City has been required to accelerate its efforts to address combined sewer discharges from all four outfalls in the City. The bill mandated combined sewer overflow (CSO) mitigation and construction at all outfalls be completed no later than July 1, 2025.

In order to meet this very aggressive mandated schedule for completion of the project, an agreement was reached with AlexRenew on May 1, 2018 that transferred the ownership of the CSO outfalls, along with the responsibility for construction and financing of future infrastructure to meet the timeline mandated by the General Assembly, to AlexRenew. AlexRenew, established as the Alexandria Sanitation Authority, is a City created, rate payer funded, public body that owns and operates the large interceptors, pump stations and wastewater treatment facility in the City. The outfall transfer between the City and AlexRenew was finalized at the June 23, 2018 City Council Public Hearing.

AlexRenew is currently in the design phase of the project, which is currently estimated at \$613 million (total program cost). AlexRenew will be funding the project through issuance of rate-payer funded revenue bonds, along with funding provided by the State.

Although AlexRenew has taken ownership of the CSO’s and responsibility for the outfall mitigation projects outlined in the LTCPU, the City is still responsible for supporting AlexRenew’s efforts to complete these mitigation projects on the schedule set by the General Assembly. This funding provides support for the CSO mitigation efforts, including coordination on development special use permits and other City permits, inspection and monitoring during the construction phase, stakeholder coordination, public meetings and City Council updates, data collection, historical records research and other associated work associated with regulatory review and oversight.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Sanitary Sewer Master Plan

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

COMBINED SEWER ASSESSMENT & REHABILITATION

DOCUMENT SUBSECTION: Sanitary Sewers

MANAGING DEPARTMENT: Department of Transportation and Environmental Services

PRIMARY STRATEGIC THEME: Theme 8: Environmental Sustainability

PROJECT LOCATION: Old Town CSO Area

REPORTING AREA: Old Town

PROJECT CATEGORY: 3

ESTIMATE USEFUL LIFE: 30+ Years

Combined Sewer Assessment & Rehabilitation													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	15,635,000	11,505,000	-	4,130,000	-	-	-	-	-	-	-	-	4,130,000
Financing Plan													
GO Bonds (Stormwater)	6,505,000	6,505,000	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer Fund	7,630,000	3,500,000	-	4,130,000	-	-	-	-	-	-	-	-	4,130,000
Stormwater Utility Fund	1,500,000	1,500,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	15,635,000	11,505,000	-	4,130,000	-	-	-	-	-	-	-	-	4,130,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

CHANGES FROM PRIOR YEAR CIP

FY 2023 funding pushed back to FY 2024 and funding increased by \$213,000 to account for increased construction costs.

PROJECT DESCRIPTION & JUSTIFICATION

This project provides for the condition assessment of sewers in the combined sewer service area in Old Town and remediation of structurally deficient sewers.

The City will perform condition assessments including cleaning and televising lines, assessing information to determine condition of lines, and determining if rehabilitation is needed. Structurally deficient sewers will be identified, and the results of the field work will be evaluated to develop remediation projects which are expected to include the relining of sewers and manhole repairs. Project funding may be adjusted upon completion of the assessment period based on the condition of the sewers and need for rehabilitation.

In addition to the health and environmental benefits of this project, completion of this project will repair and renew the City’s sewer infrastructure, extend the infrastructure’s useful life, and reduce the number of pipe collapses and other emergency repairs.

The City is responsible for the ownership and maintenance of the sewers located in the combined sewer service area. The combined sewer outfalls are owned by Alexandria Renew Enterprises (AlexRenew). AlexRenew is also responsible for compliance with requirements of the combined sewer system permit issued by the Department of Environmental Quality and for complying with the legislation passed by the Virginia General Assembly in 2017, which requires that combined sewer discharges be mitigated to comply with the legislation by July 1, 2025. The City continues to work with AlexRenew to ensure this deadline is met.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## COMBINED SEWER WET WEATHER MITIGATION

DOCUMENT SUBSECTION: Sanitary Sewers  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
 Sustainability

PROJECT CATEGORY: 2  
 ESTIMATE USEFUL LIFE:

Combined Sewer Wet Weather Mitigation													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	10,500,000	-	1,500,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,500,000
Financing Plan													
Sanitary Sewer Fund	9,000,000	-	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	9,000,000
Reprogrammed Project Balances (Sanita	1,500,000	-	1,500,000	-	-	-	-	-	-	-	-	-	1,500,000
Financing Plan Total	10,500,000	-	1,500,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,500,000

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will fund the design, construction and construction management of a variety of sewer upsizing projects in combined sewer areas of the City where sewer backups and/or flooding have been documented to occur as a result of extreme wet weather. Currently, a number of areas are under study for potential wet weather mitigation within the combined sewer service area. These studies will evaluate existing system capacity, identify capacity deficiencies and then propose alternatives for capacity improvements. This project is intended to include both capacity improvement projects and combined sewer separation projects.

Projects where initial studies have been completed include the following:

- Nethergate community
- Pitt/Gibbon Streets

These studies have identified multiple alternatives to mitigate flooding and these alternatives are currently being evaluated further. Once an alternative (project) is selected, the project will move to detailed design and then construction. A number of other areas within the combined sewer system have initial studies underway and will be added to the CIP once those studies are completed and alternatives to mitigate flooding and sewer backups identified. Funding is provided for on an annual basis and funding adjustments may be needed each year based on the identification of future projects.

Completion of these projects will help to both reduce flooding and sewer backups that occur as a result of extreme wet weather events.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## HOLMES RUN TRUNK SEWER

DOCUMENT SUBSECTION:	Sanitary Sewers	PROJECT LOCATION:	AlexRenew Plant to the City/Fairfax Border
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Landmark/Van Dorn
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	PROJECT CATEGORY:	3
		ESTIMATE USEFUL LIFE:	30+ Years

Holmes Run Trunk Sewer													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>9,002,000</b>	<b>9,002,000</b>	-	-	-	-	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>
Financing Plan													
Cash Capital	500,000	500,000											-
GO Bonds (Sanitary)	4,100,000	4,100,000	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer Fund	4,402,000	4,402,000	-	-	-	-	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>
<b>Financing Plan Total</b>	<b>9,002,000</b>	<b>9,002,000</b>	-	-	-	-	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No change from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides for an increase in capacity in the Holmes Run Trunk Sewer (HRTS) line, which is owned and operated by Alexandria Renew Enterprises (AlexRenew). Both the City of Alexandria and Fairfax County send wastewater flows to this sewer and share in the capacity of this sewer. The City has a sanitary sewer Service Agreement with AlexRenew that provides for peak flow capacities in this sewer, as well as the other AlexRenew interceptor sewers.

Increased capacity is required to support development occurring in the Eisenhower Valley, as well as future development and redevelopment in the West End. In 2008, the western portion of the trunk sewer from I-395 to Cameron Run was lined for additional capacity. Additional follow-up engineering and analysis has determined further improvements are needed to address long term capacity issues.

Engineering analysis between the City, Fairfax County, and AlexRenew was completed in FY 2017 which evaluated capacity issues in the HRTS, and provided a recommendation to enlarge an existing parallel, Fairfax County Holmes Run Sewer so that flows from the AlexRenew HRTS could be diverted to this sewer. Enlargement of the Fairfax County Holmes Run Sewer are proposed from the City/County line to Cameron Run, where the Fairfax sewer discharges in the the AlexRenew HRTS. A subsequent study was completed in FY 2019 that confirms construction of this sewer will have sufficient capacity to serve the proposed growth as anticipated in the Eisenhower West Small Area Plan. This study also included analysis of the Fairfax County Backlick Sewers, located in the City, and concluded that no infrastructure improvements would be required. The timing of the capacity upgrades is anticipated sometime after 2025. Design of the capacity upgrades is anticipated to be completed in two years and construction in three years.

The FY 2019 study also identified portions of the HRTS in the East Eisenhower Valley where the City will eventually exceed its peak flow capacities as stated in the Service Agreement. Development forecasting and hydraulic modeling show that the City will not exceed its Service Agreement capacities in this section of the HRTS until after 2035. Capacity improvements in this section of the HRTS have not yet been determined.

A total of \$9.0 million from the sanitary sewer fund has been budgeted in prior fiscal years for this project. The City will coordinate with AlexRenew and Fairfax County regarding implementation of projects, along with cost sharing to resolve remaining capacity issues on the Holmes Run Trunk Sewer. Depending on the outcome of these discussions, additional funding may be required in future years for both design and construction.

Completion of this project will improve the City's sanitary sewer infrastructure, which will help mitigate any potential sanitary sewer overflows during periods of wet weather. Additionally, the project will improve the City's readiness for accommodating quality economic growth.

#### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Sanitary Sewer Master Plan

#### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## RECONSTRUCTIONS & EXTENSIONS OF SANITARY SEWERS

DOCUMENT SUBSECTION: Sanitary Sewers  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
 Sustainability

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: 30+ Years

Reconstructions & Extensions of Sanitary Sewers													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>25,200,452</b>	<b>17,100,452</b>	-	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>8,100,000</b>
Financing Plan													
Cash Capital	2,146,105	2,146,105	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	250,000	250,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds (Sanitary)	3,473,708	3,473,708	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer Fund	19,330,639	11,230,639	-	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	8,100,000
<b>Financing Plan Total</b>	<b>25,200,452</b>	<b>17,100,452</b>	-	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>8,100,000</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Project funding removed from FY 2023; funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides for the construction of new sewer mains, the replacement and rehabilitation of old sewer lines as needed, repairs to City streets disturbed by sewer line repairs, and reconstruction and funds for the City's share of the cost of sewer extensions required for development.

Prior year balances, along with annual funding will be utilized to fund multiple projects in this request. Some projects are in early planning stages, while others are currently in design and construction. Obstacles to construction may include the moving of buried utility lines, such as power, water, and gas lines by the various utility owners that if not moved would interfere with the construction.

Projects currently under study/design and scheduled for construction in FY 2023 funding through prior year CIP dollars, include:

- N Saint Asaph Street/Madison Street Sewer Improvements
- Miscellaneous Sanitary Sewer Upsizing Projects

Completion of these projects improves the City's sanitary sewer infrastructure while reducing the frequency of unplanned repairs due to deferred maintenance.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Sanitary Sewer Master Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## SANITARY SEWER ASSET RENEWAL PROGRAM

DOCUMENT SUBSECTION: Sanitary Sewers  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
 Sustainability

PROJECT CATEGORY: 2  
 ESTIMATE USEFUL LIFE: 30+ Years

Sanitary Sewer Asset Renewal Program													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	41,750,000	5,750,000	4,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	36,000,000
Financing Plan													
GO Bonds (Sanitary)	1,250,000	1,250,000	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer Fund	40,500,000	4,500,000	4,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	36,000,000
Financing Plan Total	41,750,000	5,750,000	4,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	36,000,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding increased from \$3.5 million to \$4.5 million in FY 2023; funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The City's sanitary sewer system is comprised of over 240 miles of sewer line, some lines dating back over 100 years. This program provides for annual inspection, condition assessment, and rehabilitation of sanitary sewers, City-owned lateral sewers, and sewer appurtenances as part of an ongoing sewer asset management initiative.

This program provides for closed circuit television (CCTV) inspection of all sewers and City-owned laterals and visual inspection of all sewer appurtenances (manholes and other structures). Inspections will be performed with a goal of inspecting 10 percent of the system each year. The condition of all sewers and sewer appurtenances will be assessed using industry standards of cataloguing inspections and recommendations will be made as to which sewers and sewer appurtenances are vulnerable to breakage or collapse. Sewers and sewer appurtenances that are vulnerable will be rehabilitated primarily using trenchless technologies, which are significantly less costly than dig-and-replace repairs. A total of \$36 million is being budgeted for this program over the ten-year budget period. Funding in FY 2023 has been increased by \$1 million to accelerate implementation of the program.

Implementation of this project improves the City's sanitary sewer infrastructure and extends the infrastructure's useful life by reducing the potential of pipe collapse and other emergency repairs. Additionally, this project will help reduce the amount of infiltration and inflow (I&I) into the sanitary sewer system, which helps reduce the frequency and magnitude of sanitary sewer overflows and sewer back-ups into homes and businesses.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Sanitary Sewer Master Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## SANITARY SEWER STREAM CROSSING PROTECTION

DOCUMENT SUBSECTION: Sanitary Sewers  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
 Sustainability

PROJECT CATEGORY: 2  
 ESTIMATE USEFUL LIFE:

Sanitary Sewer Stream Crossing Protection													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	5,706,100	-	1,125,000	-	4,132,700	-	140,700	-	149,300	-	158,400	-	5,706,100
Financing Plan													
Sanitary Sewer Fund	5,706,100	-	1,125,000	-	4,132,700	-	140,700	-	149,300	-	158,400	-	5,706,100
Financing Plan Total	5,706,100	-	1,125,000	-	4,132,700	-	140,700	-	149,300	-	158,400	-	5,706,100

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will fund sanitary sewer inspections in stream areas, along with design, construction and construction management for those sanitary sewers at risk of breakage due to erosion of stream areas. In 2020, the City embarked on a project to inspect all sanitary sewers located in stream areas. These inspections included CCTV inspections of sanitary sewers, along with checking performing field inspections where each stream areas was walked to review the external condition of the sanitary sewer and sewer assets. A draft report was submitted in 2021 that provided an analysis of the likelihood and consequence of potential failure of the sanitary sewers and prioritized a list of sewer segments to be considered for enhanced protection.

The sanitary sewer determined most at-risk crosses Holmes Run just upstream of I-395. The pipe is exposed within the stream as the concrete armoring has become broken and cracked. The downstream sewer segment has also been undermined by erosive forces as well. It is recommended that these two sewer segments be replaced and encased. Funding in FY 2023 will be used for the design of this replacement project and FY 2024 funding will be used for construction. This project also provides for field inspections of these sewers every two years starting in FY 2023. The CIP may be updated in the future to include additional projects based on the results of these inspections.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## SANITARY SEWER WET WEATHER MITIGATION

DOCUMENT SUBSECTION: Sanitary Sewers  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
 Sustainability

PROJECT CATEGORY: 2  
 ESTIMATE USEFUL LIFE:

Sanitary Sewer Wet Weather Mitigation													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>10,500,000</b>	-	<b>3,000,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>10,500,000</b>
Financing Plan													
Sanitary Sewer Fund	7,500,000	-	-	1,500,000	1,500,000	1,000,000	1,000,000	500,000	500,000	500,000	500,000	500,000	7,500,000
Reprogrammed Project Balances (Sanita	3,000,000	-	3,000,000	-	-	-	-	-	-	-	-	-	3,000,000
<b>Financing Plan Total</b>	<b>10,500,000</b>	-	<b>3,000,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>10,500,000</b>

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project will fund the design, construction, and construction management of a variety of sanitary sewer upsizing projects in areas of the City where sewer backups have been documented to occur as a result of extreme wet weather. This project follows a study that was completed in 2021 which identified areas where sewer upsizing may be feasible in an effort to reduce the impacts of sanitary sewer backups. Survey data was collected for five of the identified areas and moved forward for design. Detailed design for 5 areas is currently ongoing and planned for construction in FY 2023:

- 300 block Ashby Street
- 500 block E Alexandria Avenue
- 000-100 block E Maple Avenue
- 200-300 block E Oak Street
- 100 block E Raymond Avenue

Completion of these projects will help to reduce the potential for sanitary sewer backups that occur as a result of extreme wet weather events. Funding is provided for on an annual basis and funding adjustments may be needed each year based on the identification of future projects.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

# STORMWATER MANAGEMENT

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	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
<b>Stormwater Rate</b>											
Stormwater Utility Rate per ERU	\$ 280.00	\$ 294.00	\$ 308.70	\$ 358.10	\$ 415.40	\$ 440.30	\$ 471.10	\$ 504.10	\$ 524.30	\$ 514.30	
Proposed Rate Increase	5.0%	5.0%	16.0%	16.0%	6.0%	7.0%	7.0%	4.0%	3.0%	3.0%	
New Stormwater Utility Rate	\$ 294.00	\$ 308.70	\$ 358.10	\$ 415.40	\$ 440.30	\$ 471.10	\$ 504.10	\$ 524.30	\$ 540.00	\$ 529.70	

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
<b>Revenues</b>											
Billing Units	60,330	60,571	60,813	61,056	61,300	61,545	61,791	62,038	62,286	62,535	
Non Billable Units for EDTR	430	430	430	430	430	430	430	430	430	431	
Revenue Generation	17,737,000	18,698,000	21,777,000	25,363,000	26,990,000	28,994,000	31,149,000	32,527,000	33,634,000	33,125,000	269,994,000
Other Revenue Sources	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,001	210,001
General Fund Contribution for EDTR *	130,000	135,000	140,000	146,000	152,000	158,000	164,000	171,000	178,000	185,000	1,559,000
Revenue Stream Reductions for Improvement	(185,000)	(191,000)	(197,000)	(203,000)	(209,000)	(215,000)	(221,000)	(228,000)	(235,000)	(242,000)	(2,126,000)
New Debt Issuance	\$28,540,000	\$34,070,000	\$36,600,000	\$21,940,000	\$18,640,000	\$20,000,000	\$16,500,000	\$13,835,000	\$15,625,000	\$21,100,000	226,850,000
State/Federal Grants	115,200	-	-	-	-	-	-	-	-	-	115,200
Use of Fund Balance 1/2 Cent	-	-	-	-	-	-	-	-	-	-	-
Use of Fund Balance SWU	2,139,182	-	-	-	-	-	-	-	-	-	2,139,182
COA General Fund Loan	-	-	-	-	-	-	-	-	-	-	-
<b>Total Revenues</b>	48,497,382	52,733,000	58,341,000	47,267,000	45,594,000	48,958,000	47,613,000	46,326,000	49,223,000	54,189,001	498,741,383

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
<b>Expenditures</b>											
<b>All Operating</b>	7,525,756	7,889,000	8,361,000	8,884,000	9,235,000	9,624,000	10,034,000	10,378,000	10,706,000	10,891,000	93,527,756
<b>All Capital Projects</b>	39,868,200	42,108,400	45,759,930	31,654,667	27,799,385	28,335,159	24,056,262	20,290,865	20,949,638	24,372,650	305,195,156
<b>Repayment of G/F Loan</b>	-	675,000	675,000	650,000	-	-	-	-	-	-	2,000,000
<b>All Debt Service</b>	1,103,426	2,200,761	3,691,139	6,228,637	8,716,104	11,159,533	13,688,204	15,826,891	17,742,997	19,890,560	100,248,252
<b>Total Expenditures</b>	48,497,382	52,873,161	58,487,069	47,417,304	45,750,489	49,118,692	47,778,466	46,495,756	49,398,635	55,154,210	500,971,164

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
<b>Operating Costs</b>											
TES Personnel	\$4,821,660	4,967,000	5,117,000	5,271,000	5,430,000	5,593,000	5,761,000	5,934,000	6,113,000	6,297,000	55,304,660
Main Operating	488,096	503,000	519,000	535,000	552,000	569,000	587,000	605,000	624,000	643,000	5,625,096
BMP's Operation	279,000	288,000	297,000	306,000	316,000	326,000	336,000	347,000	358,000	369,000	3,222,000
Oronoco Outfall Maintenance	111,000	115,000	119,000	123,000	127,000	131,000	135,000	140,000	145,000	150,000	1,296,000
Additional operating impact from capital	67,000	70,000	73,000	76,000	79,000	82,000	85,000	88,000	91,000	94,000	805,000
Indirect Costs	1,632,000	1,720,000	2,003,000	2,333,000	2,483,000	2,667,000	2,866,000	2,992,000	3,094,000	3,048,000	24,838,000
Contingent Cash Funding	127,000	226,000	233,000	240,000	248,000	256,000	264,000	272,000	281,000	290,000	2,437,000
<b>Subtotal, Operating Costs</b>	7,525,756	7,889,000	8,361,000	8,884,000	9,235,000	9,624,000	10,034,000	10,378,000	10,706,000	10,891,000	93,527,756

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
<b>Capital Projects</b>											
Four Mile Run Channel Maintenance	936,600		300,000	300,000		1,251,300	2,900,000	-	300,000	300,000	6,287,900
Green Infrastructure	-	1,549,600	-	-	-	-	-	-			1,549,600
MS4-TMDL Compliance Water Quality Improvements	1,300,000	2,100,000	1,800,000	2,050,000	1,750,000	2,000,000	2,575,000	1,500,000	1,000,000	1,750,000	17,825,000
NPDES / MS4 Permit	-	170,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	185,900	1,594,700
Storm Sewer Capacity Projects Program	-	-	-	15,950,000	15,200,000	13,675,000	6,700,000	6,350,000	4,000,000	7,000,000	68,875,000
<i>Large Capacity Projects: Commonwealth Ave &amp; E. Glebe Rd / Ashby St &amp; E. Glebe Rd</i>	26,407,300	12,632,800	-	-	-	-	-	-	-	-	39,040,100
<i>Large Capacity Project: Hooffs Run Culvert Timber Branch Bypass</i>	-	16,176,100	32,352,100	-	-	-	-	-	-	-	48,528,200
Storm Sewer System Spot Improvements	5,907,000	4,011,000	4,122,000	4,228,000	4,337,000	4,540,000	4,606,000	4,688,000	4,812,000	4,937,000	46,188,000
Stream and Channel Maintenance	881,000	907,500	934,700	962,700	991,600	1,021,400	1,052,000	1,083,600	1,116,100	1,149,600	10,100,200
Stormwater BMP Maintenance CFMP	286,000	303,500	1,575,300	1,622,500	317,100	326,600	336,400	346,500	356,900	1,792,200	7,263,000
Small-Midsize Stormwater Maintenance Projects	581,300	613,900	649,100	685,900	724,400	765,800	809,100	854,200	901,400	922,900	7,508,000
Inspection and Cleaning (State of Good Repair) CFMP	1,268,000	1,457,000	1,578,000	1,695,000	1,835,000	2,006,000	2,220,000	2,496,000	2,862,000	3,304,000	20,721,000
Floodproofing Grant Program	769,000	789,000	809,000	830,000	851,000	873,000	895,000	918,000	941,000	965,000	8,640,000
Hooffs Run Culvert	-	-	-	1,616,000	-	-	-	-	2,510,000	-	4,126,000
Braddock and West Flood Management	198,000	-	-	-	-	-	-	-	-	-	198,000
DPI Personnel	1,281,000	1,342,000	1,409,030	1,479,067	1,553,085	1,631,059	1,713,062	1,799,065	1,889,038	1,983,050	16,079,456
Capitalized Sustainability Coordinator	53,000	56,000	59,000	62,000	65,000	68,000	71,000	75,000	79,000	83,000	671,000
<b>Subtotal, Capital Projects</b>	<b>39,868,200</b>	<b>42,108,400</b>	<b>45,759,930</b>	<b>31,654,667</b>	<b>27,799,385</b>	<b>28,335,159</b>	<b>24,056,262</b>	<b>20,290,865</b>	<b>20,949,638</b>	<b>24,372,650</b>	<b>305,195,156</b>
<b>Debt Service</b>	<b>FY 2023</b>	<b>FY 2024</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 2023 - FY 2032</b>
<i>Total Debt Service Payments</i>	1,103,426	2,200,761	3,691,139	6,228,637	8,716,104	\$11,159,533	\$13,688,204	\$15,826,891	\$17,742,997	\$19,890,560	100,248,252
<b>Total Expenditures, All Categories</b>	<b>48,497,382</b>	<b>52,198,161</b>	<b>57,812,069</b>	<b>46,767,304</b>	<b>45,750,489</b>	<b>49,118,692</b>	<b>47,778,466</b>	<b>46,495,756</b>	<b>49,398,635</b>		<b>498,971,164</b>



Note: Projects with a \$0 total funding are active capital projects funded in prior CIP's that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Stormwater Management												
Stormwater Management												
Braddock and West Flood Management	-	198,000	-	-	-	-	-	-	-	-	-	198,000
Floodproofing Grant Program	750,000	769,000	789,000	809,000	830,000	851,000	873,000	895,000	918,000	941,000	965,000	8,640,000
Four Mile Run Channel Maintenance	3,475,281	936,600	-	300,000	300,000	-	1,251,300	2,900,000	-	300,000	300,000	6,287,900
Green Infrastructure	2,311,026	-	1,549,600	-	-	-	-	-	-	-	-	1,549,600
Hooffs Run Culvert	-	-	-	-	1,616,000	-	-	-	-	2,510,000	-	4,126,000
Inspection and Cleaning (State of Good Repair) CFMP	3,852,000	1,268,000	1,457,000	1,578,000	1,695,000	1,835,000	2,006,000	2,220,000	2,496,000	2,862,000	3,304,000	20,721,000
Large Capacity - Commonwealth Ave & E. Glebe/Ashby St & Glebe Rd	-	26,407,300	12,632,800	-	-	-	-	-	-	-	-	39,040,100
Large Capacity - Hooffs Run Culvert Bypass	-	-	16,176,100	32,352,100	-	-	-	-	-	-	-	48,528,200
Lucky Run Stream Restoration	2,852,715	-	-	-	-	-	-	-	-	-	-	-
MS4-TDML Compliance Water Quality Improvements	5,605,000	1,300,000	2,100,000	1,800,000	2,050,000	1,750,000	2,000,000	2,575,000	1,500,000	1,000,000	1,750,000	17,825,000
NPDES / MS4 Permit	1,150,000	-	170,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	185,900	1,594,700
Phosphorus Exchange Bank	-	-	-	-	-	-	-	-	-	-	-	-
Small-Midsize Stormwater Maintenance Projects	-	581,300	613,900	649,100	685,900	724,400	765,800	809,100	854,200	901,400	922,900	7,508,000
Spot Project - Hume Avenue Bypass	1,070,000	-	-	-	-	-	-	-	-	-	-	-
Spot Project - Mt. Vernon Cul-de-sac and Alley	830,000	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer Capacity Projects	26,685,988	-	-	-	15,950,000	15,200,000	13,675,000	6,700,000	6,350,000	4,000,000	7,000,000	68,875,000
Storm Sewer System Spot Improvements	11,165,902	5,907,000	4,011,000	4,122,000	4,228,000	4,337,000	4,540,000	4,606,000	4,688,000	4,812,000	4,937,000	46,188,000
Stormwater BMP Maintenance CFMP	520,000	286,000	303,500	1,575,300	1,622,500	317,100	326,600	336,400	346,500	356,900	1,792,200	7,263,000
Stormwater Utility Implementation	1,673,200	-	-	-	-	-	-	-	-	-	-	-
Strawberry Run Stream Restoration	1,645,138	-	-	-	-	-	-	-	-	-	-	-
Stream & Channel Maintenance	7,429,454	881,000	907,500	934,700	962,700	991,600	1,021,400	1,052,000	1,083,600	1,116,100	1,149,600	10,100,200
Taylor Run Stream Restoration	4,540,258	-	-	-	-	-	-	-	-	-	-	-
Grand Total	81,912,436	38,534,200	40,710,400	44,291,900	30,113,600	26,181,300	26,636,100	22,272,200	18,416,800	18,981,600	22,306,600	288,444,700

### Significant Project Changes in the Stormwater Management Section

This year's Capital Improvement Program (CIP) underwent significant changes for a variety of reasons. A major driver was the need to accommodate several new projects, and commitments to funding, while keeping the General Fund transfer to the CIP consistent and staying within City debt limits. This means funding for projects in other categories had to be decreased, or removed.

Projects with increased funding in this CIP section total \$27.2 million, while \$168,400 in reductions were made. Therefore, this section had a net increase of \$27.0 million, or +11 percent of the Approved FY 2022 – FY 2031 funding level. Please reference the table footnotes for further clarification about why the two largest project increases and the largest reduction were considered a net decrease of \$56,700. Also note, these comparisons do not include Fiscal Years 2022 or 2032 funding. This section is unique from some others because investments are predominantly funded by the Stormwater Utility Fee and fee-backed GO Bonds.

The below chart highlights any project funding that increased or decreased by more than 15%, or \$1 million.

CIP Subsection	CIP Doc Title	TOTAL	Amount	Percentage
		FY 2023 - 2032	Changed Since FY22 Approved CIP*	Changed Since FY22 Approved CIP
Stormwater Management	Large Capacity - Hooffs Run Culvert Bypass**	48,528,200	48,528,200	100.0%
Stormwater Management	Large Capacity - Commonwealth Ave & E. Glebe/Ashby St & Glebe Rd**	39,040,100	39,040,100	100.0%
Stormwater Management	Braddock and West Flood Management	198,000	198,000	100.0%
Stormwater Management	Inspection and Cleaning (State of Good Repair) CFMP	20,721,000	7,196,000	70.4%
Stormwater Management	Storm Sewer System Spot Improvements	46,188,000	15,300,000	59.0%
Stormwater Management	Stormwater BMP Maintenance CFMP	7,263,000	1,711,800	45.5%
Stormwater Management	Hooffs Run Culvert	4,126,000	1,276,700	44.8%
Stormwater Management	Small-Midsize Stormwater Maintenance Projects	7,508,000	1,461,100	28.5%
Stormwater Management	Storm Sewer Capacity Projects**	68,875,000	(87,625,000)	(58.6%)

\*This dollar amount was calculated by comparing FY 2023 – 2031 funding levels of the FY 2022 Approved CIP and this FY 2023 Proposed CIP. Since the FY 2022 Approved CIP did not have FY 2032 funding designations, that FY was removed from these calculations.

\*\*Two large projects previously captured in the CIP project "Storm Sewer Capacity Projects" were broken out into their own projects: 1) Large Capacity - Hooffs Run Culvert Bypass; and 2) Large Capacity - Commonwealth Ave & E. Glebe/Ashby St & Glebe Rd. Therefore, the increases and decrease for these three projects should be considered collectively, for a sum total change of \$56,700 (decrease).

## BRADDOCK AND WEST FLOOD MANAGEMENT

DOCUMENT SUBSECTION: Stormwater Management

PROJECT LOCATION: Braddock Road and West Street

MANAGING DEPARTMENT: Transportation and Environmental Services

REPORTING AREA: Braddock Road Metro

PRIMARY STRATEGIC THEME: Theme 8: Environmental Sustain.

PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: 3 – 5 years

Braddock and West Flood Management													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	198,000	-	198,000	-	-	-	-	-	-	-	-	-	198,000
Financing Plan													
Stormwater Utility Fund	198,000	-	198,000	-	-	-	-	-	-	-	-	-	198,000
Financing Plan Total	198,000	-	198,000	-	-	-	-	-	-	-	-	-	198,000

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The Braddock & West intersection has experienced periodic severe flooding from flash flood rain events. The area is served by storm sewers that drain under the Railroad tracks into the Hooffs Run Culvert (HRC) at E. Linden Street. The City of Alexandria Storm Sewer Capacity Assessment (CASSCA) study identified both conveyance and storage solutions to alleviate severe flooding.

This study would continue to evaluate the specific need, volume and area required for the storage component.

This study will consider the need for a stormwater storage facility and the potential for the availability of property not in the Right-of-Way to contain said facility near the Braddock & West Street intersection to alleviate flooding.

The project will use professional services to perform study of existing information, verify findings of previous studies, and recommend appropriate storage volume for the sub-watershed. Investigate and contact potential stakeholders for public/private partnerships in the deployment of the recommended stormwater storage volume. Analysis will include feasibility of providing stormwater storage to mitigate flooding during the 10, 25, 50 & 100-year precipitation events. Planning level costs for construction will also be provided as part of the study.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City of Alexandria Storm Sewer Capacity Analysis (CASSCA); Flood Action Alexandria; Northern Virginia Flood Hazard Mitigation Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts by completing this study.

## CAMERON STATION POND RETROFIT

DOCUMENT SUBSECTION: Stormwater Management

PROJECT LOCATION: Ben Brenman Park, 4800  
Brenman Park Dr, Alexandria,  
VA 22304MANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

REPORTING AREA: Landmark/Van Dorn

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
SustainabilityPROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 30+ Years

Cameron Station Pond Retrofit													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	4,723,474	4,723,474	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
GO Bonds (Stormwater)	1,750,000	1,750,000	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	1,050,000	1,050,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	1,881,885	1,881,885	-	-	-	-	-	-	-	-	-	-	-
Stormwater Utility Fund	41,589	41,589	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	4,723,474	4,723,474	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

Virginia Department of Environmental Quality (DEQ) issued the City's current Municipal Separate Storm Sewer System (MS4) Permit on July 1, 2013 that mandates City-specific stormwater nutrient and sediment reduction targets for the Chesapeake Bay (Bay) Total Maximum Daily Load (TMDL) enforced through three 5-year permit cycles. Accordingly, the current MS4 permit requires the City to implement practices sufficient to achieve 5% of the reduction targets during the first 5-year permit (2013-2018), while successive MS4 permits will require implementation of practices to achieve an additional 35% or 40% of total reduction targets during the second 5-year permit (2018-2023) by 2023, and the remaining 60% or 100% of the total reductions on or before the end of the third 5-year permit (2023-2028) by 2028. The City's 2018 - 2023 MS4 General Permit mandating a total of 40% Bay reductions by June 30, 2023 is scheduled to be in effect on or after July 1, 2018 and remain effective through June 30, 2023.

Retrofits to existing large regional stormwater facilities will provide additional pollutant removal either by enhancing the treatment efficiency and/or increasing the amount of area draining to the facility and are one of the most cost-effective strategies to meet the identified pollution reduction requirements.

The City has been discussing these strategies to comply with the reduction targets and other options available to the City through the Water Quality Steering Committee and Water Quality Workgroup. The City also completed the Chesapeake Bay TMDL Compliance Analysis and Options report that investigated options and alternatives for treating stormwater and provided corresponding costs. The City's Phase 1 Chesapeake Bay TMDL Action Plan for achieving 5% of the reductions was submitted to DEQ on October 1, 2015 and approved by DEQ on January 12, 2016. The City's draft Bay Phase 2 Action Plan for achieving a total 40% of the reductions was submitted in June 2018, with the final due one year after the effective date of the 2018 - 2023 MS4 General Permit (October 31, 2019). The City's approved Bay TMDL Action Plan and the draft Phase 2 Action Plan identify the retrofit of large regional stormwater facilities as a major strategy towards meeting pollution reduction goals. Most of the structure components have been installed for the pond retrofit, including the diversion of an extra 35 acres of stormwater being treated in the pond. The next phase will include the installation of plant materials on the shore and for the aquatic bench. Substantial completion occurred in 2020.

In FY 2015, City staff pursued and received \$1.75 million in a grant from the state through the Stormwater Local Assistance Fund (SLAF) by leveraging an equivalent amount of City funding for this project. This reduced the City funded contribution to this project by half of the original budgeted amount. While the Cameron Station Pond Retrofit is a cost effective strategy to meet the City's pollution reduction requirements, this project also offers an opportunity to enhance the recreational elements of this facility, making it more of an amenity to park-goers than it is currently.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City of Alexandria Municipal Separate Storm Sewer System (MS4) General Permit, Program Plan, and Year 5 Annual Report; City's Chesapeake Bay TMDL Action Plan; T&ES Strategic Plan; Eco-City Charter; Eco-City Action Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## CITY FACILITIES STORMWATER BEST MANAGEMENT PRACTICES (BMPs)

DOCUMENT SUBSECTION: Stormwater Management  
MANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
Sustainability

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 21 - 25 Years

City Facilities Stormwater Best Management Practices (BMPs)													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>1,633,000</b>	<b>1,633,000</b>	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	125,000	125,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds (Stormwater)	1,133,000	1,133,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Utility Fund	375,000	375,000	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>1,633,000</b>	<b>1,633,000</b>	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

Stormwater facility best management practices (BMPs) must be regularly inspected to identify any needed operation and maintenance activities. These operations and maintenance activities must be performed to ensure the BMP is functioning as designed to provide water quality benefits to clean up the Bay. Retrofits of large regional ponds, stormwater facility best management practice (BMP) retrofits on City property and the right-of-way, stream restoration projects, and other strategies implemented to meet City-specific stormwater nutrient and sediment reduction targets for the Chesapeake Bay (Bay) Total Maximum Daily Load (TMDL) require frequent inspection and maintenance to ensure proper functioning to achieve stormwater pollutant reductions.

The Virginia Department of Environmental Quality (DEQ) issued the City's current Municipal Separate Storm Sewer System (MS4) Permit on November 1, 2018 that mandates City-specific stormwater nutrient and sediment reduction targets for the Chesapeake Bay (Bay) Total Maximum Daily Load (TMDL) enforced through three 5-year MS4 permit cycles. Accordingly, the previous 2013-2018 permit required the City to achieve 5% of the reduction targets during the first 5-year permit (2013-2018), and an additional 35% or 40% of the total during the second 5-year permit (2018-2023) by 2023, and the remaining 60% or 100% of the reduction on or before the end of the third 5-year permit cycle (2023-2028) no later than 2028. The City's 2018 - 2023 MS4 General Permit mandating the total 40% Bay reductions by June 30, 2023 was effective November 1, 2018 and remains in effect through October 31, 2023. The City's Chesapeake Bay TMDL Action Plan identifies, retrofitting of regional ponds, implementing new regional ponds, BMP retrofits on City properties, retrofits in the Right-of-Way, stream restoration, and other strategies towards meeting mandated pollutant reduction goals.

The City recently completed the Lake Cook Retrofit and the Cameron Pond Retrofit projects towards meeting the Bay TMDL. Working closely with the General Services; Recreation, Parks and Cultural Activities; and Project Implementation departments, the following locations, among others, have been identified as potential locations for stormwater retrofits that include:

- T&ES/Recreation operations at 2900 Business Center Drive,
- City Fuel Island on Wheeler Avenue,
- ACPS Mount Vernon Elementary School and Recreation Center, and
- City Traffic Control Shop on Colvin Street.

The City has identified at least 16 potential locations in addition to the above list that may treat stormwater from a total of approximately 4-8 acres of impervious surface. These sites have been selected because of the facilities' operational stormwater impacts and their relatively high percentage of impervious acreage.

This project provides for the inspection and maintenance of existing and planned BMP retrofits to ensure proper functioning to continue achieving the City's mandated water quality goals to clean up the Chesapeake Bay.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City of Alexandria Municipal Separate Storm Sewer System (MS4) General Permit, Program Plan and Year 5 Annual Report; Chesapeake Bay TMDL Action Plan; T&ES Strategic Plan; Eco-City Charter and Action Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## FLOODPROOFING GRANT PROGRAM

DOCUMENT SUBSECTION: Stormwater Management  
 MANAGING DEPARTMENT: Transportation and  
 Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
 Sustainability

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

Floodproofing Grant Program													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	9,390,000	750,000	769,000	789,000	809,000	830,000	851,000	873,000	895,000	918,000	941,000	965,000	8,640,000
Financing Plan													
Stormwater Utility Fund	9,390,000	750,000	769,000	789,000	809,000	830,000	851,000	873,000	895,000	918,000	941,000	965,000	8,640,000
Financing Plan Total	9,390,000	750,000	769,000	789,000	809,000	830,000	851,000	873,000	895,000	918,000	941,000	965,000	8,640,000

### CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The purpose of this project, initiated in FY 2022, is to provide grant funding to private property owners who have incurred flooding impacts to their primary residence as a result of recent climate change-induced flash flooding and cloudburst events. This project was recommended by the 2020 Interdepartmental Flooding Management Task Force and was supported in the City's 2020 legislative package, which was successful in revising the state code to provide clear authority to support localities dealing with the impacts of flooding to implement a jurisdictional-wide grant program to implement floodproofing measures on private property for the health and safety of the community. Further analysis is ongoing with the pilot launching in FY 2022. No project update and adjustment is suggested in FY 2023. Staff will continue to gather data and information in consideration of any needed adjustments. The program incentivizes implementation of flood mitigation measures and allows property owners to experience immediate benefits to mitigate flooding issues.

This program is administered like the City's Backflow Preventer Program, which provides reimbursement to those who have installed backflow preventers as a result of sanitary sewer backups. This program provides reimbursement for floodproofing installed to mitigate flooding issues in the near-term.

The Flooding Mitigation Pilot Program Manual document frames the program and policies, to include processes, funding level, and eligible reimbursable expenses. The grant program includes:

- Reimbursement for 50% of the cost of improvements, not to exceed \$5,000 reimbursed
- Total funding for FY 2023: \$769,000
- Retroactive to July 2019
- Eligible reimbursable practices and expenses include installation of floodproof doors and windows, and other measures to prevent water from entering a structure, with examples included in online materials
- Applications are processed using the City's APEX permitting system

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Eco-City Charter; Strategic Plan, MS4 General Permit; Environmental Action Plan (EAP) 2040; City of Alexandria Storm Sewer Capacity Analysis (CASSCA); Flood Action Alexandria;

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## FOUR MILE RUN CHANNEL MAINTENANCE

DOCUMENT SUBSECTION: Stormwater Management  
MANAGING DEPARTMENT: Department of Transportation and Environmental Services

PROJECT LOCATION: Four Mile Run Stream/Channel  
REPORTING AREA: Potomac West

PRIMARY STRATEGIC THEME: Theme 8: Environmental Sustainability

PROJECT CATEGORY: 2  
ESTIMATE USEFUL LIFE: 6 - 10 Years

Four Mile Run Channel Maintenance													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>9,763,181</b>	<b>3,475,281</b>	<b>936,600</b>	-	<b>300,000</b>	<b>300,000</b>	-	<b>1,251,300</b>	<b>2,900,000</b>	-	<b>300,000</b>	<b>300,000</b>	<b>6,287,900</b>
Financing Plan													
Cash Capital	315,281	315,281	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	2,260,000	2,260,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds (Stormwater)	4,651,300	-	-	-	200,000	200,000	-	1,151,300	2,800,000	-	-	300,000	4,651,300
Stormwater Utility Fund	2,536,600	900,000	936,600	-	100,000	100,000	-	100,000	100,000	-	300,000	-	1,636,600
<b>Financing Plan Total</b>	<b>9,763,181</b>	<b>3,475,281</b>	<b>936,600</b>	-	<b>300,000</b>	<b>300,000</b>	-	<b>1,251,300</b>	<b>2,900,000</b>	-	<b>300,000</b>	<b>300,000</b>	<b>6,287,900</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project reflects the City's share of the costs to maintain the federally funded stormwater flood control channel and system of flood walls and levees on Four Mile Run to reduce potential riverine flooding. The federal Four Mile Run Flood Control project was constructed by the U.S Army Corps of Engineers (USACE) in the late 1970's, which by mutual agreement requires the City to provide regular upgrades to associated capital infrastructure. The USACE annually inspects Four Mile Run and dictates the extent of the maintenance activities that are to be completed. The City has hired a consultant to perform a detailed inspection of the flood control system and to develop recommendations for corrections. Staff is working with USACE to determine exactly what improvements the City needs to do to bring the rating up to the upgraded post-Hurricane Katrina standards that the USACE now considers acceptable. The City is currently developing revised plans for USACE to review that includes maintenance repairs to the flood walls, embankments, and gabions.

To date, nearly \$3 million in City funding has been applied to the project. Funding is programmed in the near term to address maintenance items with funding in out-years of the CIP to address future capital infrastructure requirements. As Four Mile Run maintenance is a shared responsibility with Arlington County, it will be necessary for the County and the City to engage in a joint decision-making process concerning some elements of maintenance activities. Staff is collaborating with Arlington County to dredge the channel and remove sediment to maintain the conveyance capacity of the flood control project. Design for this work has been completed and construction is estimated to begin in June 2022. The grant application submitted in calendar year 2021 for FEMA's Build Resilient Infrastructure and Communities (BRIC) funding was not successful. The project is moving forward with city funds covering the agreed cost share of the project.

Additional maintenance concerns that need to be addressed were uncovered during routine inspection and maintenance of structures, updates to the operations and maintenance (O&M) manual, design and removal of accumulated sediment, and continued vegetation removal from the levee, as requested by USACE. Routine inspection and maintenance, including design and removal of significant accumulated sediment and routine vegetation maintenance, is necessary to get this flood control channel back into conditions considered acceptable by the federal government. Achieving federal acceptance ensures that the flood control project will perform as predicted, protects our communities – along with Arlington – and properties from flooding, and provides eligibility for federal assistance in repairing any damage to the channels that storms may cause. To address USACE concerns for annual inspections, the vegetation management will be performed annually along the entire reach between I-395 and Rt-1.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City of Alexandria Municipal Separate Storm Sewer System (MS4)  
General Permit, Program Plan and Year 5 Annual Report; Chesapeake Bay TMDL Action Plan; T&ES Strategic Plan; Eco-City Charter and Action Plan; Flood Action Alexandria initiative

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## GREEN INFRASTRUCTURE

DOCUMENT SUBSECTION: Stormwater Management  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
 Sustainability

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: Varies

Green Infrastructure													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	3,860,626	2,311,026	-	1,549,600	-	-	-	-	-	-	-	-	1,549,600
Financing Plan													
GO Bonds (Stormwater)	2,644,600	1,195,000	-	1,449,600	-	-	-	-	-	-	-	-	1,449,600
Sanitary Sewer Fund	350,000	350,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Utility Fund	866,026	766,026	-	100,000	-	-	-	-	-	-	-	-	100,000
Financing Plan Total	3,860,626	2,311,026	-	1,549,600	-	-	-	-	-	-	-	-	1,549,600
Operating Impact	24,500	-	-	-	-	3,500	3,500	3,500	3,500	3,500	3,500	3,500	24,500

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project is for the identification, study, design, and construction of green infrastructure projects to address water quality and quantity goals and is consistent with the objectives of the citywide approach to implement Green Infrastructure for the combined sewer system (CSS) and the separate storm sewer area. Completed green infrastructure projects will help address regulatory requirements and help to mitigate flooding in conjunction with the co-benefits provided by the implementation of these practices. An initial identification and prioritization study will be conducted in planning for the next green infrastructure project to be implemented as identified with funding in FY 2024. Funding for additional projects, if identified, may be supplemented with funding from the MS4 Water Quality Improvements project.

Completion of these projects will provide the following benefits: increase stormwater infiltration; reduce stormwater runoff; provide stormwater treatment (nutrients and sediment); decrease the volume of discharges; and, provide co-benefits, including creating habitat, reducing heat island effect, and enhancing air quality.

Projects are identified through work related to the City's Chesapeake Bay TMDL Action Plan and the Green Infrastructure Program Policy Study commenced in FY 2019 which laid out a citywide approach to implementation. Further, green infrastructure projects may be implemented as stand-alone water quality projects or in conjunction with flood control projects to mitigate flooding and/or provide water quality benefits. Funding for projects identified through these efforts will be used for future years and supplemented, as needed, through the MS4-TMDL Water Quality Improvement CIP. Consistent with the City's planning documents that include green infrastructure as a strategy, funding has been added to the FY 2022 – FY 2031 budget to continue with the implementation of green infrastructure on a citywide basis.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

T&ES Strategic Plan 2012-2015; City of Alexandria Municipal Separate Storm Sewer System (MS4) General Permit, Program Plan, and PY5 Annual Report; Eco-City Charter City's Combined Sewer System Permit; City's Chesapeake Bay TMDL Action Plan; Old Town North Small Area Plan; Eisenhower West Small Area Plan; Landmark Van Dorn Small Area Plan; Flood Action Alexandria

### ADDITIONAL OPERATING IMPACTS

Annual inspection, minor routine maintenance, and major maintenance will be required to ensure continued proper functioning of the asset.



## HOOFFS RUN CULVERT MAINTENANCE

DOCUMENT SUBSECTION: Stormwater Management

PROJECT LOCATION: Areas west of Commonwealth Avenue and near W. Spring Street

MANAGING DEPARTMENT: Transportation and Environmental Services

REPORTING AREA: Potomac West, Northridge/Rosemont

PRIMARY STRATEGIC THEME: Theme 8: Environmental Sustainability

PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: 3-6 years

Hooffs Run Culvert													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>4,126,000</b>	-	-	-	-	<b>1,616,000</b>	-	-	-	-	<b>2,510,000</b>	-	<b>4,126,000</b>
Financing Plan													
GO Bonds (Stormwater)	4,126,000	-	-	-	-	1,616,000	-	-	-	-	2,510,000	-	4,126,000
<b>Financing Plan Total</b>	<b>4,126,000</b>	-	-	-	-	<b>1,616,000</b>	-	-	-	-	<b>2,510,000</b>	-	<b>4,126,000</b>

### CHANGES FROM PRIOR YEAR CIP

Project funding increased, over the 10-year plan, by \$1.3 million.

### PROJECT DESCRIPTION & JUSTIFICATION

This project proposes funding on a 5-year cycle for ongoing heavy cleaning of the Hooffs Run Culvert. This culvert conveys stormwater from a significant portion of Northridge, Del Ray, and Rosemont and has been subject to recurrent flooding for over 100 years. Recent climate-change induced flash flooding has placed greater emphasis on the importance of ongoing heavy cleaning of this culvert by maximizing the culvert capacity.

In June 2020 the city hired a contractor to conduct a detailed inspection and, for the first time, a robotic survey of approximately 7,000 feet of the culvert. The survey identified overall debris levels in the range of 5% with isolated sections having debris accumulation of approximately 15-20%. The City, using prior-year funding, undertook an inspection and major heavy cleaning effort beginning in November 2020 and completed by mid-2021 from West Chapman down to Duke Street. Subsequently, inspection of the northern portion of the culvert from W. Chapman to West Spring Street determined that portion did not require cleaning at the time.

While the City has Operating funding to provide some routine debris removal and maintenance, this Capital Improvement Project ensures funding is set aside for ongoing inspections, heavy cleaning and/or other capital maintenance requirements that may be identified in future structural inspections. This funding was recommended by the Interdepartmental Flooding Management Task Force and the Flood Action Alexandria initiative.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Flood Action Alexandria

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## INSPECTION AND CLEANING (STATE OF GOOD REPAIR) CFMP

DOCUMENT SUBSECTION: Stormwater Management  
 MANAGING DEPARTMENT: Transportation and  
 Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
 Sustainability

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

Inspection and Cleaning (State of Good Repair) CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	24,573,000	3,852,000	1,268,000	1,457,000	1,578,000	1,695,000	1,835,000	2,006,000	2,220,000	2,496,000	2,862,000	3,304,000	20,721,000
Financing Plan													
GO Bonds (Stormwater)	4,739,900	-	-	-	-	-	-	-	-	-	1,436,600	3,303,300	4,739,900
Stormwater Utility Fund	15,981,100	-	1,268,000	1,457,000	1,578,000	1,695,000	1,835,000	2,006,000	2,220,000	2,496,000	1,425,400	700	15,981,100
ARPA	3,852,000	3,852,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	24,573,000	3,852,000	1,268,000	1,457,000	1,578,000	1,695,000	1,835,000	2,006,000	2,220,000	2,496,000	2,862,000	3,304,000	20,721,000

### CHANGES FROM PRIOR YEAR CIP

Project funding increased, over the 10 year plan, by \$10.5 million

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides funding annually for expanded and increased frequency of inspection and maintenance towards ensuring a state of good repair for 189 miles of pipe network and over 13,000 structures for the separate storm sewer system. Beginning in July 2020 under the Flood Action Alexandria initiative, staff expanded the inspection and repair portion of the storm sewer system. While initial expansion of the program is based on the inspections and requests from residents, staff is increasing proactive measures for inspection and cleaning based on timing and results of additional data sets to develop a Capital Facility Maintenance Program (CFMP) which will include a more detailed listing of projects with a prioritization based on these and other metrics. The prioritized list of projects and areas will be addressed based on funding allocated within the CIP. These additional data will inform future budgeting decisions.

While the operating budget supports routine maintenance and inspections, this CIP reflects expanded video inspections and infrastructure repair activities (up to and including structure replacement) to ensure all conveyance and storage structures, and outfalls are functional and operating at maximum capacity.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

**LARGE CAPACITY - COMMONWEALTH AVE & E. GLEBE AND ASHBY ST & GLEBE RD**

DOCUMENT SUBSECTION: Stormwater Management  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Four Mile Run Watershed  
 REPORTING AREA: Potomac West

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
 Sustainability

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: 50 – 75 years

Large Capacity - Commonwealth Ave & E. Glebe/Ashby St & Glebe Rd													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	39,040,100	-	26,407,300	12,632,800	-	-	-	-	-	-	-	-	39,040,100
Financing Plan													
GO Bonds (Stormwater)	38,924,900	-	26,292,100	12,632,800	-	-	-	-	-	-	-	-	38,924,900
State/Federal Grants	115,200	-	115,200	-	-	-	-	-	-	-	-	-	115,200
Financing Plan Total	39,040,100	-	26,407,300	12,632,800	-	-	-	-	-	-	-	-	39,040,100

**CHANGES FROM PRIOR YEAR CIP**

New project added to FY 2023 - FY 2032 CIP; this funding has been separated out from the Storm Sewer Capacity Projects program.

**PROJECT DESCRIPTION & JUSTIFICATION**

This project is for the design and implementation of two large-scale capital projects to address capacity and flooding issues at the intersection of Commonwealth Avenue and East Glebe Road and Ashby Street and East Glebe Road under Flood Action Alexandria. In the Four Mile Run Watershed, a series of smaller storm sewer systems converge at the intersections of Commonwealth Avenue and East Glebe Road, and Ashby Street and East Glebe Road. During high intensity storm events, the drainage network becomes over capacity and unable to accommodate heavy discharge from multiple upstream systems in tandem, that creates flooding impacts.

The City has been experiencing widespread flooding due to the increase in high intensity precipitation events associated with Climate Change and its inherent low-lying nature adjacent to the Potomac. The City's 2016 City of Alexandria Storm Sewer Capacity Analysis (CASSCA), service requests received through Alex311 during large storm events, and subsequent investigations have identified segments and junctions of the storm sewer system which could be improved to better convey storm flows and help to reduce surface flooding and impacts to properties.

The project concept and design will consider a mixture of storage, capacity, and green infrastructure solutions to provide flood mitigation with consideration of scenarios under varying storm intensities, including more recent flash flooding events, to create design alternatives and cost-benefit estimates for different levels of service based on varying design storms. The Communications Plan for robust civic engagement will include interaction with the Ad Hoc Stormwater Utility and Flood Mitigation Advisory Group, the City Council, the community, and affected stakeholders to garner input, communicate expectations, and identify and report on project milestone achievements. Tools include but are not limited to a dedicated website with a project progress dashboard, frequent social media updates, inclusion in the eNewsletter, community meetings, and Council discussions.

Funding in the FY 2021 – FY 2030 CIP identified capacity project funding in FY 2025 and FY 2028 based on earlier planning-level estimates in CASSCA. Adjusted funding in the FY 2022 – FY 2031 CIP identified design funding appropriations in FY 2022 for the full design and FY 2024 for the full construction funding for these projects. The City continues to pursue state and federal grants to accelerate delivery of projects and offset local funding needs to soften proposed Stormwater Utility Fee increases in the 10-Year CIP.

An RFQu for consultant-led design services was issued in January 2022.

**EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION**

Eco-City Charter; Strategic Plan; Water Quality Management Supplement to the City's Master Plan; MS4 General Permit; Environmental Action Plan (EAP) 2040; City of Alexandria Storm Sewer Capacity Analysis (CASSCA); Flood Action Alexandria; Northern Virginia Flood Hazard Mitigation Plan

**ADDITIONAL OPERATING IMPACTS**

No additional operating impacts identified at this time.

## LARGE CAPACITY - HOOFFS RUN CULVERT BYPASS

DOCUMENT SUBSECTION: Stormwater Management  
MANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

PROJECT LOCATION: Northridge / Rosemont  
REPORTING AREA: Northridge / Rosemont

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
Sustainability

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 50 – 75 years

Large Capacity - Hooffs Run Culvert Bypass													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 FY 2032
Expenditure Budget	48,528,200	-	-	16,176,100	32,352,100	-	-	-	-	-	-	-	48,528,200
Financing Plan													
GO Bonds (Stormwater)	48,528,200	-	-	16,176,100	32,352,100			-	-	-	-	-	48,528,200
Financing Plan Total	48,528,200	-	-	16,176,100	32,352,100			-	-	-	-	-	48,528,200

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP; this funding has been separated out from the Storm Sewer Capacity Projects program.

### PROJECT DESCRIPTION & JUSTIFICATION

This project includes the design and implementation of the third prioritized capital project under Flood Action Alexandria which will address capacity and flooding issues associated with the Hooffs Run Culvert by creating a bypass for Timber Branch in a new culvert to remove that flow from the existing Hooffs Run Culvert. The project concept and design will consider a new bypass culvert to carry flows from Timber Branch, generally along Russell Road to the south, and may include a mixture of storage, capacity, and green infrastructure solutions to provide flood mitigation with consideration of scenarios under varying storm intensities, including more recent flash flooding events, to create design alternatives and cost-benefit estimates for different levels of service based on varying design storms.

In the Timber Branch / Hooffs Run Watershed, the Timber Branch stream enters a culvert near the intersection of W. Glendale and W. Timber Branch Parkway. The culvert is situated along the backyards of the properties fronting W. Glendale Avenue and Summers Drive and W. Glendale Avenue and W. Spring Street and joins the lower portion of the Hooffs Run Culvert near E. Spring Street and leads south near Commonwealth Avenue in a single culvert. During high intensity storm events, the drainage network becomes over capacity and unable to accommodate heavy discharge from multiple upstream systems in tandem, that creates flooding impacts.

The City has been experiencing widespread flooding due to the increase in high intensity precipitation events associated with Climate Change and its inherent low-lying nature adjacent to the Potomac. The City's 2016 City of Alexandria Storm Sewer Capacity Analysis (CASSCA), service requests received through Alex311 during large storm events, and subsequent investigations have identified segments and junctions of the storm sewer system which could be improved to better convey storm flows and help to reduce surface flooding and impacts to properties.

The Communications Plan for robust civic engagement will include interaction with the Ad Hoc Stormwater Utility and Flood Mitigation Advisory Group, the City Council, the community, and affected stakeholders to garner input, communicate expectations, and identify and report on project milestone achievements. Tools include, but are not limited to, a dedicated website with a project progress dashboard, frequent social media updates, inclusion in the eNewsletter, community meetings, and Council discussions.

Funding in the FY 2022 – FY 2031 CIP identified scheduled design funding appropriations in FY 2022 and full construction funding split in three separate fiscal years in FY 2022, FY 2024, and FY 2026 for scheduling of complete construction funding based on the current cost estimate. No grants or external funding has been secured to date; however, the City continues to pursue state and federal grants to accelerate delivery of projects and offset local funding needs to soften proposed Stormwater Utility Fee increases in the 10-Year CIP.

Staff will procure consultant-led design services through the issuance of an RFQ for these services expected to be issued in February 2022.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Eco-City Charter; Strategic Plan; MS4 General Permit; Environmental Action Plan (EAP) 2040; City of Alexandria Storm Sewer Capacity Analysis (CASSCA); Flood Action Alexandria; Northern Virginia Flood Hazard Mitigation Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## LUCKY RUN STREAM RESTORATION

DOCUMENT SUBSECTION: Stormwater Management  
MANAGING DEPARTMENT: Department of Transportation and Environmental Services

PROJECT LOCATION: 2601 Gadsby Place  
REPORTING AREA: Beauregard

PRIMARY STRATEGIC THEME: Theme 8: Environmental Sustainability

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 21-25

Lucky Run Stream Restoration													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 FY 2032
Expenditure Budget	2,852,715	2,852,715	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
GO Bonds (Stormwater)	1,935,000	1,935,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	668,720	668,720	-	-	-	-	-	-	-	-	-	-	-
Stormwater Utility Fund	248,995	248,995	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	2,852,715	2,852,715	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

Urban Stream Restoration is one of the major strategies in the City's Chesapeake Bay Total Maximum Daily Load (TMDL) Action Plan and referenced in the City's Eco-City Alexandria Environmental Action Plan 2040, to reduce pollution and address the Bay TMDL mandates enforced through the City's Municipal Separate Storm Sewer System (MS4) permit. However, more importantly, the project seeks to stabilize critical infrastructure and the channel, restore ecological habitats, and remove invasive vegetation and replanting with native vegetation as a sample of the planned co-benefits. The exposed portion of the sanitary sewer located along the existing stream bank is planned to be buried and that portion of the stream will be relocated farther away from the sewer.

To comply with the Chesapeake Bay Action Plan targets, the City completed preliminary stream assessment to obtain information on conditions to guide in protecting and restoring local streams. During these assessments, Lucky Run was identified as being in poor condition, making it a prime candidate for a stream restoration project. While the Lucky Run Stream Restoration project is a cost-effective strategy to meet the City's pollution reduction requirements, this project also offers an opportunity to stabilize the critical sanitary sewer infrastructure, address accelerated erosion of the stream banks enhance the ecological integrity of the stream, and enhance the Resource Protection Area (RPA) Also, the project will include major rehabilitative maintenance of the Lucky Run Pond under the agreement stating that the City is required to perform maintenance for this regional facility to ensure proper functioning and the ability to continue claiming pollutant removal credits for the Pond as noted in the Phase 1 Bay TMDL Action Plan.

Initial project schedule delay was due to challenges with public engagement during the COVID-19 public health emergency and the need for more engagement with the community. Staff held a work session with City Council at the April 27, 2021 legislative meeting. At the work session, City Council instructed staff to perform soil analysis tests on the stream using the updated Expert Panel protocol, while proceeding with the Lucky Run project.

The City has been awarded a \$668,720 grant from the state through the Stormwater Local Assistance Fund (SLAF) by leveraging an equivalent amount of funding from the Stream and Channel Maintenance project to fund this project. This reduced the original City contribution by half of the original estimated amount for the stream restoration portion of the project. However, changes to the schedule due to COVID and increases in costs will likely require additional available funding from the MS4-TMDL Water Quality Improvements program to supplement the initial funding in order to deliver the stream restoration and pond rehabilitation work. Design is completed and construction procurement will occur in FY 2022, with an anticipated completion in 2023.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City of Alexandria Municipal Separate Storm Sewer System (MS4) General Permit, Program Plan, and Year 5 Annual Report; City's Chesapeake Bay Total Maximum Daily Load (TMDL) Action Plan; Strategic Plan; Eco-City Charter; Environmental Action Plan; Green Infrastructure Program

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

**MS4-TMDL COMPLIANCE WATER QUALITY IMPRV.**

DOCUMENT SUBSECTION: Stormwater Management  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
 Sustainability

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: 30+ Years

MS4-TDML Compliance Water Quality Improvements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 FY 2032
Expenditure Budget	23,430,000	5,605,000	1,300,000	2,100,000	1,800,000	2,050,000	1,750,000	2,000,000	2,575,000	1,500,000	1,000,000	1,750,000	17,825,000
Financing Plan													
GO Bonds (Stormwater)	9,328,401	3,375,401	-	-	-	-	-	-	1,703,000	1,500,000	1,000,000	1,750,000	5,953,000
Stormwater Utility Fund	14,101,599	2,229,599	1,300,000	2,100,000	1,800,000	2,050,000	1,750,000	2,000,000	872,000	-	-	-	11,872,000
Financing Plan Total	23,430,000	5,605,000	1,300,000	2,100,000	1,800,000	2,050,000	1,750,000	2,000,000	2,575,000	1,500,000	1,000,000	1,750,000	17,825,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

**CHANGES FROM PRIOR YEAR CIP**

Funding added for FY 2032.

**PROJECT DESCRIPTION & JUSTIFICATION**

The Virginia Department of Environmental Quality (DEQ) issued the City's current Municipal Separate Storm Sewer System (MS4) Permit on July 1, 2013 that mandates City-specific stormwater nutrient and sediment reduction targets for the Chesapeake Bay Total Maximum Daily Load (TMDL) Action Plan required and enforced through three 5-year MS4 permit cycles. Accordingly, the permit requires the City to implement stormwater treatment best management practices (BMPs) sufficient to achieve 5% of the reduction targets during the first 5-year permit (2013-2018), to achieve an additional 35% or 40% of total reduction targets during the second 5-year permit (2018-2023) by 2023, and the remaining 60% or 100% of the reductions on or before the end of the third permit cycle (2023-2028), but no later than by 2028.

The City continues planning efforts and identifying projects from the list of strategies in the City's Bay TMDL Action Plan. These plans and options are discussed through the City's Water Quality Workgroup, and through meetings with other internal and external stakeholders. The City completed the Chesapeake Bay TMDL Compliance Analysis and Options report (August 2014) that considered options and alternatives for treating stormwater to meet the Bay TMDL regulatory mandates, along with the corresponding planning-level costs to implement these alternatives. These formed the basis of the strategies included in the City's Phase 1 Chesapeake Bay TMDL Action Plan for 5% targets and in the subsequent draft (June 1, 2018) and final Phase 2 Chesapeake Bay Action Plan, dated September 24, 2019, to meet a total 40% of the targets. This budget is based on funding that can be used to implement a diverse mix of strategies to include retrofit of regional stormwater management facilities, implementation of Green Infrastructure as stormwater quality retrofits of City facilities and right-of-way retrofits, and urban stream restoration. Funding is used as specific projects are identified and developed to achieve these reductions.

Strategies implemented during the second permit cycle (2018 - 2023 permit) have already exceeded the Strategic Plan goal of 45% reductions by 2022 for a total of approximately 74% through June 30, 2021 to move towards more aggressive reductions to meet 100% of the current required reductions as mandated no later than 2028. Permit requirements and other regulatory expectations are adjusted with each successive MS4 permit and with each iteration of the state's Watershed Implementation Plan (WIP). The state is currently implementing the Phase III WIP (WIP III) with plans to develop a Phase IV WIP (WIP IV) likely in 2025.

(Continued on Next Page)

**EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION**

City of Alexandria Municipal Separate Storm Sewer System (MS4) Permit, Program Plan, and Year 5 Annual Report; City's Chesapeake Bay TMDL Action Plan; T&ES Strategic Plan; Eco-City Charter; Eco-City Action Plan

**ADDITIONAL OPERATING IMPACTS**

No additional operating impacts identified at this time.

## MS4-TMDL Compliance Water Quality Imprv. (continued)

This project funds separate, discrete projects once identified and moved to the design phase. Past completed projects include the Lake Cook Retrofit and Ben Brenman Pond Retrofit and the upcoming Lucky Run Urban Stream Restoration. Potential new projects may include the following:

Potential City Properties for Retrofit	Estimated Pollutant Reductions (lbs./yr.)		
	TN	TP	TSS
Maintenance Facility / Luckett Field	11	2	1,496
TES / Recreation Operations	8	1	1,113
Traffic Control Shop	3	1	485
ACPS Minnie Howard School	13	2	1,820
ACPS John Adams School	12	2	1,647

Potential Right-of-Way Projects	Estimated Pollutant Reductions (lbs./yr.)		
	TN	TP	TSS
Braddock Rd - North of I-395	12	2	1,547
Braddock Rd - South of I-395	27	4	3,537
King St - North of I-395	8	1	1,053
King St - South of I-395	21	3	2,480
Edsall Rd	9	1	1,078
Yoakum Pkwy	9	1	1,027

## NPDES / MS4 PERMIT

DOCUMENT SUBSECTION: Stormwater Management  
MANAGING DEPARTMENT: Department of Transportation and Environmental Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental Sustainability

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: Varies

NPDES / MS4 Permit													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 FY 2032
Expenditure Budget	2,744,700	1,150,000	-	170,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	185,900	1,594,700
Financing Plan													
Cash Capital	250,000	250,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Utility Fund	2,494,700	900,000	-	170,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	185,900	1,594,700
Financing Plan Total	2,744,700	1,150,000	-	170,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	185,900	1,594,700
Operating Impact			-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding removed for FY 2023; funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides funding for the data collection, inspection and enforcement, public education and outreach, public involvement and citizen participation, GIS mapping, development of water quality action plans, BMP database management, and reporting activities associated with implementation of the programs required by the National Pollution Discharge Elimination System (NPDES) permit regulations administered by the Virginia Department of Environmental Quality (DEQ) through the Virginia Stormwater Management Program (VSMP) General Virginia Pollutant Discharge Elimination System (VPDES) Permit for Discharges of Storm Water from Small Municipal Separate Storm Sewer Systems (MS4) per 9VAC25-890 et. seq.

The MS4 general permit has a duration of 5-year cycles that requires the City to develop, implement and enforce an MS4 Program Plan to reduce discharges of pollutants from the MS4, protect water quality, and satisfy the appropriate requirements of the Clean Water Act.

The City was originally issued General Permit VAR040057 on July 8, 2003, and the most recent permit was issued on November 1, 2018 and is effective through October 31, 2023. Each successive permit contains increased regulatory requirements which necessitate more resources. The current 2018 – 2023 MS4 general permit is no exception, with increased requirements for public education and outreach, staff training, revisions to Total Maximum Daily Load (TMDL) plans, implementation of Stormwater Pollution Prevention Plans (SWPPPs), enhanced inspections, and additional reporting. The permits continue to contain increasingly stringent mandates to address the Chesapeake Bay Total Maximum Daily Load (TMDL).

The City developed and submitted on April 1, 2018 the required MS4 permit registration statement as an application for coverage under the 2018 – 2023 MS4 general permit, which included the City's Phase 2 Chesapeake Bay Total Maximum Daily Load (TMDL) Action Plan that contains strategies to achieve an additional 35% of reductions in nutrients and sediment by 2023 for a total of 40% required reductions by 2023. The general permit also required the City to update the MS4 Program Plan and perform new programmatic compliance, with MS4 annual reports covering compliance activities and other permit reporting requirements carried out for each fiscal year, to include annual reporting on Chesapeake Bay TMDL Action Plan progress, that are due by October 1st. Planned capital projects to meet the Bay TMDL reductions are budgeted as separate, specific projects under the "Stormwater Management" section of the CIP.

Finally, new broad requirements under the Virginia Watershed Implementation Plan Phase III (WIP III) and changes to guidance documents continue to translate into additional compliance activities.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City of Alexandria Municipal Separate Storm Sewer System (MS4) Permit; MS4 Program Plan; MS4 Annual Report; City's Chesapeake Bay TMDL Action Plan; T&ES Strategic Plan; Eco-City Charter; Eco-City Action Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## PHOSPHORUS EXCHANGE BANK

DOCUMENT SUBSECTION: Stormwater Management  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
 Sustainability

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: 30+ Years

Phosphorus Exchange Bank													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

Virginia Stormwater Management Program (VSMP) regulations, as incorporated into Article XIII of the Alexandria Zoning Ordinance - the Environmental Management Ordinance (EMO) – require properties that undergo development or redevelopment to reduce the amount of phosphorous in stormwater runoff that leaves the site in the post-construction condition. The amount of phosphorus that must be reduced is based upon several factors such as disturbed area, increases in impervious area, land cover types, etc. Owners of development sites may use applicable “offsite compliance options” to meet these requirements pursuant to 62.1-44.15:35 of the Code of Virginia and the attendant VSMP regulations per 9VAC25-870-69 A. The City can ‘exchange’ phosphorus reductions between projects occurring on city-owned properties under the current VSMP regulations.

Small-scale City-funded construction projects and City projects with unfavorable site conditions face difficulties in meeting stormwater management requirements on-site through the installation of stormwater quality structural best management practices (BMPs) due to lack of space and/or cost of construction that make installation infeasible. As such, these projects regularly use offsite compliance options to meet their regulatory phosphorous reduction requirements. Most often, this requirement is met by purchasing nutrient credits from the state’s Nutrient Credit Exchange for practices implemented outside the City within the Potomac River basin. In effect, these purchases send funds outside of the City and provide no benefit to local water quality.

The Transportation and Environmental Services, Stormwater Management Division (T&ES-SWM) created this policy alternative for City projects that allows offsite compliance options that provide benefits to local water quality and keep funds within the City. The policy was developed with input across city agencies, revised given that input, shared and approved by the Virginia Department of Environmental Quality, and executed via signature by the director of Transportation and Environmental Services. This project was initially seeded with \$100,000 to supplement the installation of BMPs that go beyond stormwater quality requirements that may be used on other projects. The project seeding also includes five (5) pounds of phosphorus that may be purchased by other City departments for small capital projects where installation of BMPs are not feasible.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City of Alexandria Municipal Separate Storm Sewer System (MS4) Permit, Program Plan and Year 5 Annual Report; City's Chesapeake Bay TMDL Action Plan; T&ES Strategic Plan; Eco-City Charter; Eco-City Action Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## SMALL-MIDSIZE STORMWATER MAINTENANCE PROJECTS

DOCUMENT SUBSECTION: Stormwater Management  
 MANAGING DEPARTMENT: Transportation and  
 Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
 Sustainability

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: Varies

Small-Midsize Stormwater Maintenance Projects													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 FY 2032
Expenditure Budget	7,508,000	-	581,300	613,900	649,100	685,900	724,400	765,800	809,100	854,200	901,400	922,900	7,508,000
Financing Plan													
GO Bonds (Stormwater)	4,136,400	-	-	300,000	300,000	376,500	300,000	372,700	300,000	362,900	901,400	922,900	4,136,400
Stormwater Utility Fund	3,371,600	-	581,300	313,900	349,100	309,400	424,400	393,100	509,100	491,300	-	-	3,371,600
Financing Plan Total	7,508,000	-	581,300	613,900	649,100	685,900	724,400	765,800	809,100	854,200	901,400	922,900	7,508,000

### CHANGES FROM PRIOR YEAR CIP

Project funding increased, over the 10 year plan, by \$2.4 million.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides annual funding for small and midsize stormwater maintenance projects to accelerate infrastructure repairs beyond maintenance. These small to mid-size stormwater maintenance projects would not be associated with other Spot Improvement projects and would not require in-depth design to mitigate flooding issues.

Typical small to midsize projects include repair/replacement of structure tops, invert, gutter pans and pipe in the City's 189-mile storm sewer network and over 13,400 associated catch basin structures. Work may also include rehabilitation of pipe with trenchless technology or dig and replace based on the inspection and condition of the pipe. Work may also include cleaning or replacement of components of outfall structures and any other maintenance activity that keeps structures in satisfactory operating condition.

Currently, the City is in the early stages of compiling data from the enhanced inspections. Based on the data that has been collected to date, it is anticipated that the projects will be completed will fall under the following areas:

Cleaning of Structures	50%
Repair of Structures	20%
Replacement of Structures	5%
Replacement of Pipe Sections	15%
Lining of Pipe Sections	10%

It is noted that these percentages may change, based on requests from citizens, findings from City Staff, findings from closed circuit television inspections, and prioritization of work.

This project was recommended by the City's Interdepartmental Flooding Management Task Force and performed under the Flood Action Alexandria initiative. A list of headline progress indicators is under development.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## SPOT PROJECT - HUME AVENUE BYPASS

DOCUMENT SUBSECTION: Stormwater Management  
MANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

PROJECT LOCATION: Hume Avenue  
REPORTING AREA: Potomac West

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
Sustainability

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 11 - 15 Years

Spot Project - Hume Avenue Bypass													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>1,070,000</b>	<b>1,070,000</b>	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
ARPA	1,070,000	1,070,000	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>1,070,000</b>	<b>1,070,000</b>	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP; this funding has been separated out from the Storm Sewer System Spot Improvements program.

### PROJECT DESCRIPTION & JUSTIFICATION

Severe urban flash flooding occurred in this area on Hume Avenue during more recent severe storm events. The existing storm sewer trunk line passes through private property where the city has no access easements. Approximately 15 properties are impacted by flooding when this trunk line is surcharged. This storm sewer improvement re-routes a section of storm sewer away from private property to the right-of-way. Hume Ave will be resurfaced, and the curb & gutter will be replaced under the Flood Action Alexandria initiative.

The project will address a section of storm sewer pipe that does not have capacity to pass the city's 10-year design storm. The project will disconnect the trunk line at the point it enters private property, and the end will be capped. A new trunk line will traverse Dewitt Ave and continue down Hume Ave where it will re-enter the main line serving the area. The pipe on private property will remain in place and continue to serve the adjacent properties that have low yards with inlets connected to the pipe. At a minimum, the bypass pipe system will be designed to handle the 10-year standard design storm. The curb and gutter and pavement will also be replaced in Hume Ave to improve street drainage.

The neighborhood in this area was part of the Alexandria Flood Action neighborhood outreach program and is currently engaged by staff. Updates to progress is through the city Flood Action website and the Ad Hoc Stormwater Utility and Flood Mitigation Advisory Group.

Most of the project, including the design and construction, is funded by the first tranche of American Rescue Plan Act (ARPA) funding. Given the currently cost estimate, local funding under the stormwater utility program will likely be required to supplement full delivery of the project.

This project will be designed by a consultant currently under contract.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Strategic Plan; MS4 General Permit; Environmental Action Plan (EAP) 2040; City of Alexandria Storm Sewer Capacity Analysis (CASSCA); Flood Action Alexandria; Northern Virginia Flood Hazard Mitigation Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## SPOT PROJECT - MT. VERNON CUL-DE-SAC AND ALLEY

DOCUMENT SUBSECTION: Stormwater Management  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: 10-Block of Mt. Vernon Ave  
 REPORTING AREA: Potomac West

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
 Sustainability

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: 11 - 15 Years

Spot Project - Mt. Vernon Cul-de-sac and Alley													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	830,000	830,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
ARPA	830,000	830,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	830,000	830,000	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP; this funding has been separated out from the Storm Sewer System Spot Improvements program.

### PROJECT DESCRIPTION & JUSTIFICATION

This project included in the Flash Flooding and Spot Improvements project receiving funding from the American Rescue Plan Act (ARPA), and is being delivered under the City's Flood Action Alexandria initiative. The project is primarily within the right-of-way in the 10-block of Mt Vernon Ave, east of Commonwealth Ave. The project will consist of the construction of new inlets, a storm sewer extension up a portion of Mt Vernon Ave with new inlets at the curbs. Another storm sewer extension will be constructed in the alley to reduce nuisance flooding from alley runoff. Check valves will be installed at the connection to the Hooffs Run Culvert to prevent backflow into My Vernon Ave. A section of sanitary sewer will be installed in the Hooffs Run / Blue Park area with a backflow preventer to reduce sanitary sewer backups for four properties.

The neighborhood in this area was part of the Alexandria Flood Action neighborhood outreach program and is currently engaged by staff. Updates to progress is through the city Flood Action website and the Ad Hoc Stormwater Utility and Flood Mitigation Advisory Group.

Severe urban flash flooding occurs in this area. The existing storm sewer in Mt Vernon Ave is inadequate to pass the local drainage from the city standard 10-year design storm and causes nuisance flooding and compounds severe flooding when the Hooffs Run Culvert is surcharged. This project will improve the local stormwater runoff management and increase the efficiency of moving stormwater through the storm sewers, reducing the frequency of nuisance flooding, and reduce the surcharge flooding from Hooffs Run Culvert during extreme flash flood events.

Most of this project is funded by American Rescue Plan Act (ARPA) under the Flash Flooding and Spot Improvements project designation.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Strategic Plan; MS4 General Permit; Environmental Action Plan (EAP) 2040; City of Alexandria Storm Sewer Capacity Analysis (CASSCA); Flood Action Alexandria; Northern Virginia Flood Hazard Mitigation Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## STORM SEWER CAPACITY PROJECTS

DOCUMENT SUBSECTION: Stormwater Management  
MANAGING DEPARTMENT: Department of Transportation and Environmental Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental Sustainability

PROJECT CATEGORY: 3  
ESTIMATE USEFUL LIFE: 11 - 15 Years

Storm Sewer Capacity Projects													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 FY 2032
Expenditure Budget	95,560,988	26,685,988	-	-	-	15,950,000	15,200,000	13,675,000	6,700,000	6,350,000	4,000,000	7,000,000	68,875,000
Financing Plan													
Cash Capital	949,492	949,492	-	-	-	-	-	-	-	-	-	-	-
GO Bonds (Stormwater)	79,191,300	14,535,000	-	-	-	14,761,800	13,367,900	13,226,600	6,450,000	6,100,000	3,750,000	7,000,000	64,656,300
Stormwater Utility Fund	10,055,197	5,836,497	-	-	-	1,188,200	1,832,100	448,400	250,000	250,000	250,000	-	4,218,700
Use of Stormwater Fund Utility Balance	3,600,000	3,600,000	-	-	-	-	-	-	-	-	-	-	-
Use of Stormwater Tax Dedication Fund	1,765,000	1,765,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	95,560,988	26,685,988	-	-	-	15,950,000	15,200,000	13,675,000	6,700,000	6,350,000	4,000,000	7,000,000	68,875,000
Operating Impact			-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Project funding decreased, over the 10 year plan, by \$80.6 million. Funding was moved into separate projects for Commonwealth Ave & E. Glebe/Ashby St & Glebe Rd and Hooffs Run Culvert Bypass large capacity projects.

### PROJECT DESCRIPTION & JUSTIFICATION

This project includes the aggressive design and implementation of large-scale capital projects to address capacity and flooding issues. The City has experienced repeated and increasingly frequent flooding from storm events which lead to development of the *City of Alexandria Storm Sewer Capacity Analysis* (CASSCA, 2016), a multi-year citywide storm sewer analysis and planning-level exercise to identify potential capacity issues and develop prioritized recommendations for improvements to the storm sewer system.

The City experienced three flash flooding events (July 8, 2019; July 23, 2020; and September 10, 2020) primarily as a result of climate change-induced severe rain events. Indications are that the City will continue to experience these severe rainfall events more frequently and that these large capital projects can provide a mix of conveyance and storage options to achieve long-term solutions to flooding issues.

The top 11 projects were prioritized based on planning-level cost-benefit analysis. These projects will mitigate flooding for the greatest number of residents, direct investment to areas where the most significant property damage is occurring and provide the greatest overall system benefit.

The prioritization sequence incorporates multiple data points such as the previous storm sewer and capacity analysis (CASSCA, 2016), property impacts documented through Alex311 service requests, refinement of those priorities through recent and ongoing neighborhood engagement meetings, and infrastructure connectivity from a systems perspective. These inputs were used to further prioritize capacity issues compared against reported issues and feedback from neighborhood groups. This prioritization includes a systematic (holistic, watershed) perspective to provide the needed capacity (conveyance and storage as practicable) that must first ensure downstream capacity is adequate before upstream issues can be addressed. For these large capacity capital projects that are costly, multi-year projects at the multi-block level, there is a greater level of certainty of project sequencing for the first three to four years. The estimated funding for the top three capacity projects is as follows:

1. Commonwealth Ave and Glebe Road: Design Fully Funded in FY 2022 and Construction Fully Funded in FY 2023. Planning level estimate of \$34 million.
2. Ashby Street and Glebe Road: Design Fully Funded in FY 2022 and Construction Fully Funded in FY 2024. Planning level estimate of \$16 million.
3. Hooffs Run Culvert Bypass: Design Fully Funded in FY 2022 and Construction Fully Funded in FY 2025. Planning level estimate of \$60 million.

(Continued on next page)

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Eco-City Charter; Strategic Plan; Water Quality Management Supplement to the City's Master Plan; MS4 General Permit; Environmental Action Plan (EAP) 2040; City of Alexandria Storm Sewer Capacity Analysis (CASSCA); Flood Action Alexandria; Northern Virginia Flood Hazard Mitigation Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Storm Sewer Capacity Projects (continued)

All planning and modeling to date is based on conceptual cost estimates and preliminary assessments, so there is considerable risk that costs could be higher than anticipated. During the feasibility and design of the first three projects, staff will conduct further cost-benefit analysis of including additional flood mitigation and resiliency in the design of these and future capacity projects to determine the potential positive impact of designing these projects beyond the City's 10-year storm design standard. It should be noted that even if the City designs capacity projects for larger, more intense storm events, there is always the risk that an even more significant rain event will occur. In those situations, greater capacity will help, but it cannot eliminate the risk of flooding entirely. If a higher design standard than the 10-year storm is used, and therefore individual projects likely cost far more than projected and afforded in this model, fewer projects will be delivered overall unless additional funding can be provided.

FY 2026 to FY 2032 Projects

Project sequencing from FY 2026 to FY 2032 was based on the same considerations as the earlier projects; however, these may require reprioritization as further cost-benefit analysis, feasibility, and other design considerations become more available. These projects also include funding for potential property acquisition and/or public-private partnerships. The projects for the remaining six years of the capacity project element of the 10-Year Plan will address the following areas:

1. Edison and Dale Streets
2. Dewitt Avenue
3. East Mason Avenue
4. Notabene Drive and Old Dominion Boulevard
5. Mt. Vernon Avenue, East Glendale Avenue, East Luray Avenue, and East Alexandria Avenue
6. East Monroe Avenue and Wayne Street
7. Russell Rd & W. Rosemont Ave
8. Russell Rd & W. Rosemont Ave (south)

The schedule is aggressive, based on generic stormwater construction projects, and intended for financial planning and budgetary purposes only. Until substantial feasibility and design work is completed for each specific project, the schedule and budget will only be estimates that will include significant contingencies. As additional information is collected and the design of each project is further defined, more precise construction schedules and cost estimates can be developed.

## STORM SEWER SYSTEM SPOT IMPROVEMENTS

DOCUMENT SUBSECTION: Stormwater Management  
MANAGING DEPARTMENT: Department of Transportation and Environmental Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental Sustainability

PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

Storm Sewer System Spot Improvements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	57,353,902	11,165,902	5,907,000	4,011,000	4,122,000	4,228,000	4,337,000	4,540,000	4,606,000	4,688,000	4,812,000	4,937,000	46,188,000
Financing Plan													
Cash Capital	3,076,648	3,076,648	-	-	-	-	-	-	-	-	-	-	-
GO Bonds (Stormwater)	43,806,927	5,328,827	1,717,900	2,908,000	2,905,200	4,071,000	4,173,000	4,278,000	4,385,000	4,495,000	4,608,000	4,937,000	38,478,100
Private Capital Contributions	9,927	9,927	-	-	-	-	-	-	-	-	-	-	-
Stormwater Utility Fund	8,321,218	2,750,500	2,049,918	1,103,000	1,216,800	157,000	164,000	262,000	221,000	193,000	204,000	-	5,570,718
Use of Stormwater Fund Utility Balance	2,139,182		2,139,182	-	-	-	-	-	-	-	-	-	2,139,182
Financing Plan Total	57,353,902	11,165,902	5,907,000	4,011,000	4,122,000	4,228,000	4,337,000	4,540,000	4,606,000	4,688,000	4,812,000	4,937,000	46,188,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Project funding increased, over the 10-year plan, by \$20.2 million.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides funding for essential capital infrastructure that provide localized flood mitigation to specific neighborhoods on the lot and block level. These “Spot Improvements” of the City’s storm sewer system are typically small to mid-sized capital projects that alleviate localized drainage and flooding concerns and can be implemented in 8 to 20 months from the beginning of design. These projects are typically identified through Alex311 inquiries, field observations, neighborhood engagement meetings, and onsite investigations.

A list of projects planned for FY 2023 – FY 2024 is included below. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, the list is subject to change:

#### FY 2023

- Lloyd's Lane
- N. Columbus Street Alley
- E. Alexandria and Dewitt
- E. Linden near Commonwealth
- Pitt and Gibbon Streets
- Clifford/Manning/Fulton Street Green Alley

#### FY 2024

- Ansell Street and Commonwealth
- Park Fairfax - Valley and Gunston Rd
- West Taylor Run Pkwy and Janneys Lane
- Commonwealth - East Rosemont & East Maple
- E. Del Ray & Commonwealth
- E. Abingdon
- Taney Rd & Paxton Street
- Commonwealth & Glebe
- North Morgan Street
- Sanford Street

City staff continues to identify spot projects to provide improvements in the short to mid-term timeframe while concurrently advancing system capacity upgrades to reduce flooding. Completion of these Spot projects will improve the City’s storm sewer capital infrastructure while mitigating the impacts of localized flooding and drainage issues. Planning efforts related to the more recent flooding events include a wider identification and prioritization of Spot projects for consideration of scheduling and funding based on neighborhood engagement in response to flooding and further investigation of those issues. This includes maintaining and updating the ranking and prioritization for those identified projects.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Eco-City Charter; Strategic Plan; Water Quality Management Supplement to the City’s Master Plan; MS4 General Permit; Environmental Action Plan (EAP) 2040; City of Alexandria Storm Sewer Capacity Analysis (CASSCA); Flood Action Alexandria; Northern Virginia Hazard Mitigation Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## STORMWATER BMP MAINTENANCE CFMP

DOCUMENT SUBSECTION: Stormwater Management  
MANAGING DEPARTMENT: Transportation and Environmental Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental Sustainability

PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: 30+ Years

Stormwater BMP Maintenance CFMP													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 FY 2032
Expenditure Budget	7,783,000	520,000	286,000	303,500	1,575,300	1,622,500	317,100	326,600	336,400	346,500	356,900	1,792,200	7,263,000
Financing Plan													
GO Bonds (Stormwater)	2,495,600	-	-	-	-	-	-	-	-	346,500	356,900	1,792,200	2,495,600
Stormwater Utility Fund	5,287,400	520,000	286,000	303,500	1,575,300	1,622,500	317,100	326,600	336,400	-	-	-	4,767,400
Financing Plan Total	7,783,000	520,000	286,000	303,500	1,575,300	1,622,500	317,100	326,600	336,400	346,500	356,900	1,792,200	7,263,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Project funding increased, over the 10-year plan, by \$3.5 million.

### PROJECT DESCRIPTION & JUSTIFICATION

The City is required to inspect and maintain stormwater facility best management practices (BMPs) installed to meet the City's Chesapeake Bay cleanup mandates. The Virginia Department of Environmental Quality (DEQ) issued the City's current Municipal Separate Storm Sewer System (MS4) Permit on November 1, 2018 that mandates City-specific stormwater nutrient and sediment reduction targets for the Chesapeake Bay Total Maximum Daily Load (TMDL) enforced through three 5-year MS4 permit cycles. Accordingly, the previous 2013-2018 MS4 permit required the City to implement stormwater treatment best management practices (BMPs) sufficient to achieve 5% of the reduction targets. The current MS4 permit requires implementation of practices to achieve an additional 35% or 40% of total reduction targets during the second 5-year permit (2018-2023) by 2023. The remaining 60% or 100% of the reductions are to be achieved on or before the end of the third permit cycle (2023-2028), and no later than 2028. Identification of strategies to meet these reductions, which includes the retrofit of large regional ponds, urban stream restoration, and installation of green infrastructure, are included in the City's Chesapeake Bay TMDL Action Plan.

Long-term maintenance of this new infrastructure must be performed to ensure proper functioning and reduce pollution in stormwater runoff to meet the state and federal mandates. This project funds maintenance of Stormwater Best Management Practices (BMPs) implemented throughout the City, with a focus on the maintenance of larger stormwater management capital projects implemented under the Bay TMDL Action Plan:

- Cameron Station Pond Retrofit
- City Facilities Stormwater BMPs
- Green Infrastructure
- Lake Cook Stormwater Management
- Lucky Run Stream Restoration
- MS4-TMDL Water Quality Compliance projects
- Strawberry Run Stream Restoration
- Taylor Run Stream Restoration

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Bay TMDL Action Plan, MS4 General Permit, Strategic Plan, Environmental Action Plan, Water Quality Management Supplement

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## STORMWATER UTILITY IMPLEMENTATION

DOCUMENT SUBSECTION: Stormwater Management  
 MANAGING DEPARTMENT: Department of Transportation  
 and Environmental Services

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
 Sustainability

PROJECT CATEGORY: 1  
 ESTIMATE USEFUL LIFE: N/A

Stormwater Utility Implementation													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,673,200	1,673,200	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	1,518,200	1,518,200	-	-	-	-	-	-	-	-	-	-	-
Stormwater Utility Fund	155,000	155,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	1,673,200	1,673,200	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The City Council directed staff in February 2016 to develop the framework of a Stormwater Utility (SWU) to provide a dedicated funding source to more equitably distribute the increasing costs of recent state and federal Chesapeake Bay water pollution reduction mandates that require the implementation of costly infrastructure associated with stormwater management, as enforced through the City's Municipal Separate Storm Sewer System (MS4) general permit. Also, to fund flooding mitigation capital projects. Increasing operating and capital costs associated with the mandates exceeded the ½ cent dedication, demanding increasing contributions from the General Fund. Creation of the SWU more equitably apportions the cost obligation and provides a dedicated funding source for the City's Stormwater Management Program by shifting the burden to those properties that contribute more to stormwater runoff, thus alleviating pressure on the General Fund to support these funding responsibilities.

Following extensive public outreach, the City Council adopted the Stormwater Utility framework at its May 4, 2017 special meeting as part of the FY 2018 Budget. The City began implementing the Stormwater Utility Fee, effective January 1, 2018. First billing was sent May 2018 and second billing in October 2018, with the Real Estate bill. Every May and October thereafter, the Stormwater Utility bill was sent with each Real Estate bill, to fund these mandated stormwater improvements and the stormwater management program in an adequate, sustainable and equitable manner.

Database management, additional systems development (database modeling, integration and user interfaces), ongoing GIS data management, and other identified needs will continue, to successfully implement the utility. Extensive and ongoing robust public engagement is also key to implementation of the utility. Finally, an update to the Credit Program is currently under review to consider expanding the Credit Program to include flood mitigation practices for partial waivers to property owners for eligible practices.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City of Alexandria Municipal Separate Storm Sewer System (MS4) Permit; MS4 Program Plan; MS4 Year 5 Annual Report; City's Chesapeake Bay TMDL Action Plan; T&ES Strategic Plan; Eco-City Charter; Eco-City Action Plan 2040; Flood Action Alexandria

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

**STRAWBERRY RUN STREAM RESTORATION**

DOCUMENT SUBSECTION: Stormwater Management  
 MANAGING DEPARTMENT: Department of Transportation & Environmental Services

PROJECT LOCATION: Ft. Williams Parkway  
 REPORTING AREA: Seminary Hill

PRIMARY STRATEGIC THEME: Theme 8: Environmental Sustain.

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: 21-25 years

Strawberry Run Stream Restoration													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>1,645,138</b>	<b>1,645,138</b>	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	50,000	50,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds (Stormwater)	625,000	625,000	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	800,000	800,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Utility Fund	170,138	170,138	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>1,645,138</b>	<b>1,645,138</b>	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

**CHANGES FROM PRIOR YEAR CIP**

No changes from prior CIP.

**PROJECT DESCRIPTION & JUSTIFICATION**

This project includes restoring approximately 900 linear feet of the Strawberry Run stream north of Duke Street and continuing north to the culvert under Fort Williams Parkway. It is bounded by residential development along Taft Avenue, Featherstone Place, and Fort Williams Parkway. When the Taft Avenue development was constructed, stream restoration was completed for a 500-foot section of Strawberry Run just to the north of Duke Street, before the current requirements.

The restoration project is proposed to stabilize the stream banks to mitigate erosion and protect nearby private property, repair a stormwater outfall, and provide overall improvement to stream health, while protecting local water quality and mitigating the transport of pollutants to the Chesapeake Bay.

This project was initially identified in the FY 2019 Phase III Stream Restoration and Outfall Rehabilitation Feasibility Study. The Study considered prioritization and identified strategies for five stream segments for potential restoration projects and five outfalls for potential rehabilitation. The Study prioritized two potential stream restoration projects, with the top two potential projects identified along Strawberry Run and Taylor Run. Partial funding for the Strawberry Run project included funding from this project and from the MS4 TMDL Water Quality Improvement CIP project.

City Council has acted on the project as part of the Chesapeake Bay TMDL Action Plan, the Stormwater Local Assistance Fund (SLAF) grant application, and through the budget process. The Virginia Department of Environmental Quality (VDEQ) reviewed the concept plan and performed a site walk as part of the SLAF award and has more recently reviewed the current plans. The project team consists of City staff from T&ES, RPCA, DPI and a consultant. A schedule delay was due to challenges with public engagement during the COVID-19 public health emergency and the need for more engagement. Staff has conducted public outreach and engagement via the following: general in-person and virtual public meetings; Parks and Recreation Commission; Environmental Policy Commission (EPC); targeted civic associations; social media posts; providing a 21-day public comment period; written responses; interviews with local news organizations; and, a comprehensive, dedicated project webpage.

Staff held a work session with City Council at the April 27, 2021 legislative meeting. At the work session, City Council instructed staff to perform soil analysis tests on the stream using the updated Expert Panel protocol, to pause the planned stream restoration project for further evaluation, and evaluate alternatives to natural channel design in coordination with the EPC. Council instructed staff to return as soon as possible with a planned schedule and summary of impacts. Therefore, the anticipated completion date is to be determined at this time.

The SLAF grant deadline was previously extended by the VDEQ for one year due to COVID impacts. While the VDEQ SLAF award requires the City to have a signed grant agreement by the extended deadline of June 30, 2022, VDEQ has recently stated that the intent of the SLAF grant deadline is to ensure that applicants are making a good faith effort to move projects forward. It is possible VDEQ will be willing to adjust the sunset date if requested by the City. As the analysis of alternatives to natural channel design proceeds, staff will consider requesting an extension to the SLAF grant deadlines if appropriate.

**EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION**

MS4 General Permit, Chesapeake Bay TMDL Action Plan, Strategic Plan, Environmental Action Plan 2040, Open Space Plan

**ADDITIONAL OPERATING IMPACTS**

No additional operating impacts identified at this time.

## STREAM & CHANNEL MAINTENANCE

DOCUMENT SUBSECTION: Stormwater Management  
MANAGING DEPARTMENT: Department of Transportation  
and Environmental Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 8: Environmental  
Sustainability

PROJECT CATEGORY: 1  
ESTIMATE USEFUL LIFE: Varies

Stream & Channel Maintenance													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 FY 2032
Expenditure Budget	17,529,654	7,429,454	881,000	907,500	934,700	962,700	991,600	1,021,400	1,052,000	1,083,600	1,116,100	1,149,600	10,100,200
Financing Plan													
Cash Capital	3,802,125	3,802,125	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	1,487,602	1,487,602	-	-	-	-	-	-	-	-	-	-	-
GO Bonds (Stormwater)	8,710,700	-	530,000	603,500	842,700	914,700	799,100	971,400	862,000	1,030,600	1,062,100	1,094,600	8,710,700
Private Capital Contributions	230,000	230,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Utility Fund	3,299,227	1,909,727	351,000	304,000	92,000	48,000	192,500	50,000	190,000	53,000	54,000	55,000	1,389,500
Financing Plan Total	17,529,654	7,429,454	881,000	907,500	934,700	962,700	991,600	1,021,400	1,052,000	1,083,600	1,116,100	1,149,600	10,100,200
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This capital maintenance project preserves the capacity for City streams and channels to carry a 100-year floodwater, performs repairs to erosion damage, stream corridor degradation, grade control structures, storm sewer discharge points, and provides for stream stabilization/restoration. Projects may minimize blockages at bridges by removing and thinning excess vegetation and restoring conveyance capacity by removing sediment that accumulates more quickly due to more frequent, intense storm events. Efforts typically include sediment removal, vegetation maintenance, and in Holmes Run and Cameron Run watersheds, often include efforts in smaller tributaries to these streams.

The increasing frequency of climate-change induced intense storm events is requiring increased funding to ensure the conveyance capacity of these waterways as climate resiliency and adaption measures consistent with the City's Climate Emergency Declaration. In response to recommendations through the Flood Action Alexandria initiative, this project included a funding increase of over \$0.4 million annually for a total of \$10.1M over the 10-year period to perform more aggressive inspection and maintenance of the City's larger flood channels due to the impact from more frequent, intense storm events.

Sediment removal and vegetation maintenance was conducted on Cameron Run in FY 2018. Vegetation maintenance for Holmes Run is scheduled to occur in FY 2023 and likely Cameron Run. Staff will also be prioritizing projects on our smaller streams, including Hooffs Run, Taylor Run, Timber Branch, Backlick, and tributaries to larger streams to ensure there are no blockages at road and railroad crossings and that conveyance capacity is maintained. A condition inspection of the Lake Cook Eisenhower Culverts – the discharge culverts from Lake Cook under Eisenhower Avenue to Cameron Run – will take place in FY 2023, along with a schedule for design and maintenance depending on the condition inspection.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Eco-City Charter; Water Quality Management Supplement to City Master Plan; MS4 General Permit and Program Plan; Chesapeake Bay TMDL Action Plan; Strategic Plan; Flood Action Alexandria

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## TAYLOR RUN STREAM RESTORATION

DOCUMENT SUBSECTION: Stormwater Management  
 MANAGING DEPARTMENT: Department of Transportation & Environmental Services

PROJECT LOCATION: Chinguapin and Forest Parks  
 REPORTING AREA: Taylor Run

PRIMARY STRATEGIC THEME: Theme 8: Environmental Sustain.

PROJECT CATEGORY: 3  
 ESTIMATE USEFUL LIFE: 21-25 Years

Taylor Run Stream Restoration													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	4,540,258	4,540,258	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds (Stormwater)	1,867,850	1,867,850	-	-	-	-	-	-	-	-	-	-	-
State/Federal Grants	2,255,000	2,255,000	-	-	-	-	-	-	-	-	-	-	-
Stormwater Utility Fund	317,408	317,408	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	4,540,258	4,540,258	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The project along Taylor Run is mainly located in Chinguapin Park, west of King Street in the City. This project will restore a severely degraded section of the stream from below the culvert near the Chinguapin Recreation Center to approximately 1,900 feet downstream. The project goals include stabilizing the stream corridor, stabilizing the sanitary sewer infrastructure that is at risk for failure, and enhancing the flora and fauna of the stream, while addressing Chesapeake Bay pollution mandates.

This project was initially identified in the FY 2019 Phase III Stream Restoration and Outfall Rehabilitation Feasibility Study. The Study considered five stream segments for potential restoration projects and five outfalls for potential rehabilitation. The Study prioritized two potential stream restoration projects, with the top two potential projects identified along Strawberry Run and Taylor Run. Partial funding for the Taylor Run project included funding from this project and from the MS4 TMDL Water Quality Improvement CIP project.

The City Council has acted on this project as part of the Chesapeake Bay TMDL Action Plan, the Stormwater Local Assistance Fund (SLAF) grant application, and through the budget process. The Virginia Department of Environmental Quality (VDEQ) reviewed the concept plan and performed a site walk as part of the SLAF award and has more recently reviewed the current plans. The project team consists of City staff from T&ES, RPCA, DPI and a consultant. Initial project schedule delay was due to challenges with engaging the public during the COVID-19 public health emergency, and the need for more engagement with the community. Staff has conducted public outreach and engagement via the following: general in-person and virtual public meetings onsite; at a virtual meeting with a small group from the Environmental Council of Alexandria, representatives from civic associations, and the community; the Parks and Recreation Commission; Environmental Policy Commission (EPC); targeted civic associations; social media posts; providing a 21-day public comment period; written responses; interviews with local news organizations; and, a comprehensive, dedicated project webpage.

Staff held a work session with City Council at the April 27, 2021 legislative meeting. At the work session, City Council instructed staff to perform soil analysis tests on the stream using the updated Expert Panel protocol, to pause the planned stream restoration project for further evaluation, and evaluate alternatives to natural channel design in coordination with the EPC. Council instructed staff to return as soon as possible with a planned schedule and summary of impacts. Therefore, the anticipated completion date is to be determined at this time.

The SLAF grant deadline was previously extended by the VDEQ for one year, due to COVID impacts. While the VDEQ SLAF award requires the City to have a signed grant agreement by the extended deadline of June 30, 2022, VDEQ has recently stated that the intent of the SLAF grant deadline is to ensure that applicants are making a good faith effort to move projects forward. It is possible VDEQ will be willing to adjust the sunset date if requested by the City. As the analysis of alternatives to natural channel design proceeds, staff will consider requesting an extension to the SLAF grant deadlines if appropriate.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

MS4 General Permit and Program Plan, Chesapeake Bay TMDL Action Plan, Strategic Plan, Environmental Action Plan 2040, Open Space Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

# OTHER REGIONAL CONTRIBUTIONS

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Note: Projects with a \$0 total funding are active capital projects funded in prior CIP's that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Other Regional Contributions												
Other Regional Contributions												
Northern Virginia Regional Park Authority (NVRPA)	8,499,972	441,200	485,900	490,700	495,600	500,600	505,600	510,700	515,800	520,900	526,100	4,993,100
Grand Total	8,499,972	441,200	485,900	490,700	495,600	500,600	505,600	510,700	515,800	520,900	526,100	4,993,100

## NORTHERN VIRGINIA REGIONAL PARK AUTHORITY (NVRPA)

DOCUMENT SUBSECTION: Regional Contributions

PROJECT LOCATION: 121 N. Fairfax St. (Carlyle House) &amp; 4001 Eisenhower Ave. (Cameron Run Regional Park)

MANAGING DEPARTMENT: Office of Management & Budget  
SUPPORTING DEPARTMENT(S): Recreation, Parks & Cultural ActivitiesREPORTING AREA: Regional  
PROJECT CATEGORY: 1

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts, Culture &amp; Recreation

ESTIMATE USEFUL LIFE: Varies

Northern Virginia Regional Park Authority (NVRPA)													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	13,493,072	8,499,972	441,200	485,900	490,700	495,600	500,600	505,600	510,700	515,800	520,900	526,100	4,993,100
Financing Plan													
Cash Capital	11,105,418	6,112,318	441,200	485,900	490,700	495,600	500,600	505,600	510,700	515,800	520,900	526,100	4,993,100
GO Bond Interest Earnings	752,455	752,455	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	1,635,199	1,635,199	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	13,493,072	8,499,972	441,200	485,900	490,700	495,600	500,600	505,600	510,700	515,800	520,900	526,100	4,993,100
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding plan updated to reflect most recent funding request from Northern Virginia Regional Park Authority.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides for the City's capital contribution to the Northern Virginia Regional Park Authority (NVRPA), a multi-jurisdictional agency established to provide a system of regional parks in Northern Virginia. In 1969, the City became a member of the Northern Virginia Regional Park Authority. The Authority operates 21 regional parks comprised of more than 10,000 acres and a variety of recreational facilities and historical sites, including, in Alexandria, the Carlyle House and Cameron Run Regional Park. The City, along with the Cities of Fairfax and Falls Church, and the Counties of Arlington, Fairfax and Loudoun, pay a share of the costs of the park program.

Of the FY 2023 NVRPA capital budget total, the City's share is \$441,200. For FY 2023, the per capita rate has increased to \$2.77 for the capital budget. Table A on the next page provides additional information regarding the contributions of each jurisdiction.

(Continued on next page)

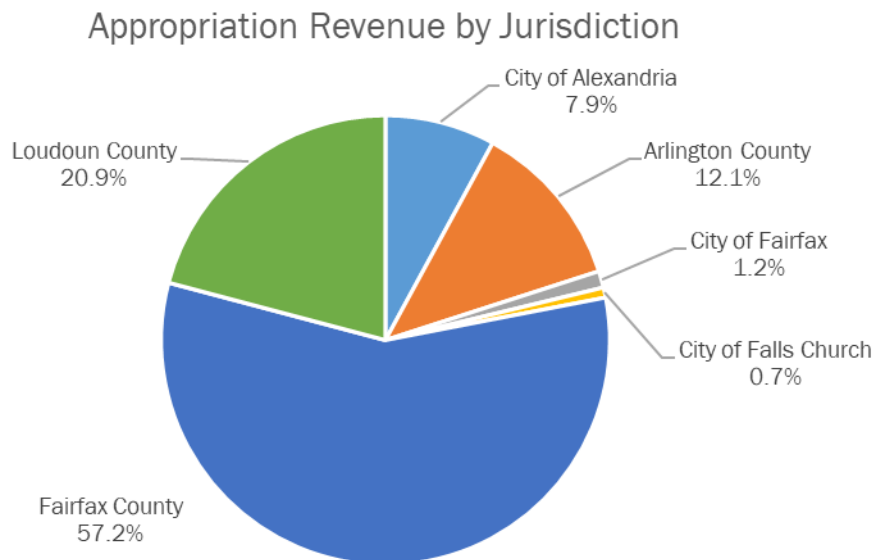
### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

Operating support of \$324,925 is included as part of the FY 2023 budget. Operating support has been provided on an annual basis for a number of years included as part of the base budget and not as an additional impact.

## Northern Virginia Regional Parks Authority (Continued)

**Chart A: Regional Jurisdiction Contributions****Table B: Regional Jurisdiction Contribution**

	2023 Estimated Population	Per Capita Cost	Percent of Total Population	FY 2023 Capital Request
City of Alexandria	159,277	\$2.77	7.94%	\$ 441,197
Arlington County	242,465	\$2.77	12.09%	\$ 671,628
City of Fairfax	23,937	\$2.77	1.19%	\$ 66,305
City of Falls Church	14,593	\$2.77	0.73%	\$ 40,423
Fairfax County	1,146,163	\$2.77	57.16%	\$ 3,174,872
Loudoun County	418,690	\$2.77	20.88%	\$ 1,159,771
TOTAL	2,005,125			\$ 5,554,196

## Notes

1. The FY 2023 population estimate is based on the University of Virginia Weldon Cooper Center, Demographics Research Group (published 2020).



# IT PLAN

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Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
IT Plan												
Document Management												
Document Imaging	2,394,375	10,000	10,000	50,000	10,000	-	10,000	10,000	10,000	10,000	10,000	130,000
Document Management Total	2,394,375	10,000	10,000	50,000	10,000	-	10,000	10,000	10,000	10,000	10,000	130,000
Financial Systems												
Business Tax System/Reciprocity Contractor System	1,224,595	-	-	-	-	-	-	-	-	-	-	-
Enterprise Resource Planning System	4,063,312	-	40,000	75,000	75,000	320,000	-	-	-	-	-	510,000
Personal Property Tax System	2,592,039	-	-	-	-	-	-	-	600,000	-	-	600,000
Phone, Web, Portable Device Payment Portals	275,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Real Estate Account Receivable System	1,635,000	-	-	-	175,000	-	-	-	200,000	-	-	375,000
Real Estate Assessment System (CAMA)	325,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Geographic Information Systems												
GIS Development	2,594,500	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	70,000	525,000
Geographic Information Systems Total	2,594,500	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	70,000	525,000
Network Services												
Connectivity Initiatives	13,618,270	600,000	630,000	661,500	694,600	-	-	-	-	-	-	2,586,100
Database Infrastructure	898,000	40,000	40,000	40,000	-	-	-	-	-	-	-	120,000
Enterprise Camera System	50,000	60,000	-	-	-	-	-	-	-	-	-	60,000
Enterprise Collaboration	757,095	170,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	440,000
Enterprise Data Storage Infrastructure	4,380,435	800,000	450,000	350,000	-	1,200,000	175,000	175,000	175,000	174,000	690,000	4,189,000
Enterprise Service Catalog	260,000	-	40,000	40,000	200,000	-	40,000	-	40,000	-	-	360,000
Information Technology Equipment Replacement	4,804,793	995,000	1,000,000	1,005,000	1,010,000	1,016,000	972,000	978,000	984,000	991,000	998,000	9,949,000
Information Technology Lump Sum Funding	-	-	2,200,000	3,200,000	3,200,000	3,200,000	3,400,000	3,400,000	3,400,000	2,050,000	2,050,000	26,100,000
IT Enterprise Management System	510,000	-	-	-	-	-	-	-	-	-	-	-
LAN Development	518,921	-	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
LAN/WAN Infrastructure	9,635,055	1,064,000	1,080,000	1,742,000	740,000	1,004,000	1,048,000	1,143,000	449,000	471,000	685,000	9,426,000
Network Security	4,379,881	500,000	605,000	400,000	400,000	800,000	350,000	350,000	350,000	500,000	500,000	4,755,000
Network Server Infrastructure	8,721,143	70,000	1,030,000	-	-	-	-	-	800,000	300,000	-	2,200,000
Remote Access	1,168,000	175,000	250,000	800,000	-	-	-	-	-	-	-	1,225,000
Time & Attendance System Upgrade	70,000	8,000	8,000	48,000	8,000	8,000	8,000	88,000	8,000	8,000	8,000	200,000
Upgrade Work Station Operating Systems	3,819,003	472,000	380,000	490,000	200,000	210,000	220,000	231,000	243,000	255,000	264,000	2,965,000
Voice Over Internet Protocol (VoIP)	5,747,173	-	84,000	249,000	932,000	850,000	-	-	-	-	-	2,115,000
Network Services Total	78,300,768	5,128,500	8,006,000	9,992,500	7,759,600	8,672,000	6,606,000	6,767,000	6,861,000	5,171,000	5,478,000	70,441,600
Animal Shelter Server Replacement	130,000	-	-	-	-	-	-	-	-	-	-	-
Computerized Maintenance Management System (CMMS)	325,000	-	165,600	-	-	-	-	-	-	-	-	165,600
Council Chamber Technology Upgrade	350,000	750,000	-	-	130,000	-	-	-	-	500,000	-	1,380,000
Data Quality and Intelligence Platforms	-	-	-	150,000	300,000	350,000	-	-	-	-	-	800,000
DCHS Integrated Client Information System	300,000	200,000	1,200,000	-	-	-	-	-	-	-	-	1,400,000
Enterprise Maintenance Mgmt System	429,400	60,000	40,000	40,000	40,000	-	-	-	-	-	-	180,000
Fleet Management System	140,000	-	-	-	-	-	-	-	-	-	-	-
FOIA System Replacement	115,000	-	-	-	-	-	-	-	-	-	-	-
HIPAA & Related Health Information Technologies	678,000	60,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	285,000
Impound Lot System Replacement	200,000	-	-	-	-	-	-	-	-	-	-	-
Library Information Technology Equipment Replacement	257,438	61,400	35,300	133,100	38,900	89,900	43,000	45,000	183,300	49,700	52,200	731,800
Library Public Access Computers and Print Mgmt System	45,000	80,500	-	-	-	-	113,200	-	-	-	-	193,700
Library Scanning Equipment and DAMS	-	-	-	1,600	71,600	-	1,900	-	-	88,100	7,200	170,400
Library Self-Service Stations/Equipment	158,296	-	-	-	-	-	-	-	-	-	-	-
Migration of Integrated Library System to SAAS Platform	42,000	166,100	83,600	3,000	3,000	3,000	213,900	109,100	3,000	3,000	166,100	753,800
Office of Voter Registrations and Elections Equipment Replacement	100,000	-	-	-	-	-	-	1,001,800	-	-	-	1,001,800
OHA Point-of-Sale System Replacement	-	293,100	-	-	-	-	-	-	108,700	-	-	401,800
Permit Processing	5,082,691	-	-	-	-	-	-	-	-	-	-	-
Project Management Software	185,000	50,000	-	50,000	-	-	-	50,000	-	50,000	-	200,000
Recreation Database System	450,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
Small Systems Replacements	-	20,000	20,000	20,000	20,000	50,000	-	-	-	-	-	130,000
Other System Development Projects Total	9,092,824	1,751,100	1,579,500	432,700	638,500	527,900	407,000	1,240,900	471,300	725,800	260,500	8,035,200
Customer Relationship Management System	1,731,507	-	-	-	200,000	-	-	-	-	-	-	200,000
Electronic Government/Web Page	1,838,196	225,000	275,000	275,000	400,000	275,000	225,000	-	-	-	-	1,675,000
Public Access Development Total	3,569,703	225,000	275,000	275,000	600,000	275,000	225,000	-	-	-	-	1,875,000
Public Safety Systems												

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Computer Aided Dispatch (CAD) System Replacement	16,828,313	1,104,000	5,009,000	114,000	120,000	126,000	132,000	139,000	146,000	153,000	161,000	7,204,000
Courtroom Trial Presentation Technology	427,809	160,000	50,000	-	-	-	-	-	-	-	-	210,000
Electronic Citations Implementation	420,000	-	-	-	-	-	-	-	-	-	-	-
Emergency 911 Phone System Upgrade	1,700,000	255,000	-	-	-	-	-	-	-	-	-	255,000
EMS Records Management System	268,500	-	-	-	-	-	-	-	-	-	-	-
Fire Dept RMS	329,000	-	-	-	-	-	-	-	-	-	-	-
Fire Emergency Operations Center Technology	-	66,000	-	305,000	-	-	-	-	-	-	-	371,000
Parking Citation System Replacement	410,000	-	-	-	-	-	-	-	-	-	-	-
Radio System Upgrade	3,191,460	3,761,262	1,520,000	2,742,000	-	-	1,000,000	1,000,000	-	-	-	10,023,262
Public Safety Systems Total	37,082,095	7,459,262	7,011,000	3,601,000	418,000	433,000	1,448,000	1,464,000	531,000	370,000	517,000	23,252,262
<b>Grand Total</b>	<b>143,149,211</b>	<b>14,643,862</b>	<b>17,031,500</b>	<b>14,496,200</b>	<b>9,801,100</b>	<b>10,307,900</b>	<b>8,806,000</b>	<b>9,551,900</b>	<b>8,783,300</b>	<b>6,346,800</b>	<b>6,375,500</b>	<b>106,144,062</b>

### Significant Project Changes in the Information Technology Plan Section

This year's Capital Improvement Program (CIP) underwent significant changes for a variety of reasons. A major driver was the need to accommodate several new projects, and commitments to funding, while keeping the General Fund transfer to the CIP consistent and staying within City debt limits. This means funding for projects in other categories had to be decreased or removed.

Project funding in this CIP section, compared to the Approved FY 2022 – FY 2031 CIP funding levels, increased by about \$18.1 million, while \$15.0 million in reductions were made. Therefore, this section had a net increase of \$3.0 million, or +3 percent of the Approved FY 2022 – FY 2031 funding level. Note, these comparisons do not include Fiscal Years 2022 or FY 2032 funding.

The below chart highlights any project funding that increased or decreased by more than 15%, or \$1 million.

CIP Subsection	CIP Doc Title	TOTAL FY 2023 - 2032	Amount Changed Since FY22 Approved CIP*	Percentage Changed Since FY22 Approved CIP
Network Services	Voice Over Internet Protocol (VoIP)	2,115,000	1,855,000	713.5%
Network Services	Remote Access	1,225,000	1,050,000	600.0%
Financial Systems	Enterprise Resource Planning System	510,000	390,000	325.0%
Network Services	Network Server Infrastructure	2,200,000	1,600,000	266.7%
Network Services	Enterprise Collaboration	440,000	290,000	241.7%
Network Services	Enterprise Data Storage Infrastructure	4,189,000	2,449,000	233.2%
Network Services	Enterprise Service Catalog	360,000	240,000	200.0%
Other System Development Projects	OHA Point-of-Sale System Replacement	401,800	251,800	167.9%
Other System Development Projects	Library Public Access Computers and Print Mgmt System	193,700	108,700	127.9%
Public Access Development	Electronic Government/Web Page	1,675,000	925,000	123.3%
Network Services	Time & Attendance System Upgrade	200,000	97,000	102.1%
Other System Development Projects	DCHS Integrated Client Information System	1,400,000	1,400,000	100.0%
Other System Development Projects	Migration of Integrated Library System to SAAS Platform	753,800	587,700	100.0%
Public Safety Systems	Fire Emergency Operations Center Technology	371,000	371,000	100.0%
Other System Development Projects	Council Chamber Technology Upgrade	1,380,000	424,000	44.4%
Network Services	Information Technology Lump Sum Funding	26,100,000	(5,150,000)	(17.6%)
Financial Systems	Real Estate Assessment System (CAMA)	150,000	(45,000)	(25.0%)
Document Management	Document Imaging	130,000	(70,000)	(36.8%)
Other System Development Projects	Recreation Database System	100,000	(55,000)	(37.9%)
Public Safety Systems	Courtroom Trial Presentation Technology	210,000	(215,000)	(50.6%)
Network Services	Connectivity Initiatives	2,586,100	(3,266,900)	(55.8%)
Financial Systems	Personal Property Tax System	600,000	(1,078,200)	(64.2%)
Other System Development Projects	Enterprise Maintenance Mgmt System	180,000	(700,600)	(79.6%)
Other System Development Projects	Small Systems Replacements	130,000	(1,120,000)	(89.6%)
Public Safety Systems	Parking Citation System Replacement	-	(135,000)	(100.0%)
Other System Development Projects	Library Self-Service Stations/Equipment	-	(152,000)	(100.0%)
Financial Systems	Business Tax System/Reciprocity Contractor System	-	(305,000)	(100.0%)
Public Safety Systems	Electronic Citations Implementation	-	(420,000)	(100.0%)

\*This dollar amount was calculated by comparing FY 2023 – 2031 funding levels of the FY 2022 Approved CIP and this FY 2023 Proposed CIP. Since the FY 2022 Approved CIP did not have FY 2032 funding designations, that FY was removed from these calculations.

## DOCUMENT IMAGING

DOCUMENT SUBSECTION: Document Management  
MANAGING DEPARTMENT: Information Technology Services

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 6 - 10 Years

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Document Imaging													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	2,524,375	2,394,375	10,000	10,000	50,000	10,000	-	10,000	10,000	10,000	10,000	10,000	130,000
Financing Plan													
Cash Capital	2,147,375	2,017,375	10,000	10,000	50,000	10,000	-	10,000	10,000	10,000	10,000	10,000	130,000
GO Bond Interest Earnings	337,000	337,000	-	-	-	-	-	-	-	-	-	-	-
Prior Year CIP/Close-Out	40,000	40,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	2,524,375	2,394,375	10,000	10,000	50,000	10,000	-	10,000	10,000	10,000	10,000	10,000	130,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides a content management solution to digitally capture content to make it more readily available for searching and indexing. The retrieval of electronic records supports delivery of government services in a more efficient manner. Document imaging reduces physical storage. Technical investments will adhere to best practices and fit within the City's overall technology architecture.

Funds are used to support continual improvements and new development to document imaging technologies that support the City's core business applications. This project provides funding for hardware, software, licensing, upgrades, and professional services related to document imaging initiatives. The introduction of new enterprise applications has increased departmental interest in document imaging software and interfaces to line-of-business applications. The implementation of a new Vehicle Personal Property Tax system in 2022 will utilize the imaging system.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## BUSINESS TAX SYSTEM

DOCUMENT SUBSECTION: Financial Systems  
MANAGING DEPARTMENT: Department of Finance

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 6 - 10 Years

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Business Tax System/Reciprocity Contractor System													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,224,595	1,224,595	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	924,615	924,615	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	299,980	299,980	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	1,224,595	1,224,595	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Outyear funding reduced to accommodate funding restrictions and increased needs in other projects. Project will use existing balances to sustain current environment.

### PROJECT DESCRIPTION & JUSTIFICATION

The City's Business Tax System integrates the accounts receivable processes and business licenses, business personal property taxes, and other business-related taxes. In FY 2020, City stakeholders implemented enhancements to this system with new initiatives such as an online business tax portal. An additional portion of the business tax portal was completed later that year, which included the online filing and payments. This provided taxpayers a modern, online business tax payment experience.

The system is currently in a sustainment phase, with an upgrade planned this year which will onboard new features and functionality to make it easier to assign non-owners to multiple business accounts. This project has facilitated many enhancements that have enabled the City to provide online payment of taxes during the COVID-19 pandemic.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

ENTERPRISE RESOURCE PLANNING SYSTEM

DOCUMENT SUBSECTION: Financial Systems

MANAGING DEPARTMENT: Department of Finance

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

PROJECT LOCATION: Citywide

REPORTING AREA: Citywide

PROJECT CATEGORY: IT Plan

ESTIMATE USEFUL LIFE: Varies

Enterprise Resource Planning System													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	4,573,312	4,063,312	-	40,000	75,000	75,000	320,000	-	-	-	-	-	510,000
Financing Plan													
Cash Capital	1,673,312	1,163,312	-	40,000	75,000	75,000	320,000	-	-	-	-	-	510,000
GO Bonds	2,900,000	2,900,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	4,573,312	4,063,312	-	40,000	75,000	75,000	320,000	-	-	-	-	-	510,000
Operating Impact													

CHANGES FROM PRIOR YEAR CIP

Funding added to FY 2025 – FY 2027, totaling an additional \$390,000.

PROJECT DESCRIPTION & JUSTIFICATION

In 2013-2014 the City implemented an Enterprise Resource Planning (ERP) software suite to improve the automation and support for a range of administrative and management applications. City staff have completed the implementation of the following modules: General Ledger, Accounts Payable, Purchasing, Budgeting, core Human Resources modules, Fixed Assets, and Payroll. Funds were used in FY 2019 to implement Bids and Contracts and Vendor Self-Service as well as to procure Cashiering and Accounts Receivables modules.

Prior year project funds will be used to complete several ancillary functions for this system, procure additional modules and implement application interfaces as applicable. Additional funding requests will be needed in the out years to sustain and expand this system as needed as well as prepare for a potential system replacement when needed.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## PERSONAL PROPERTY (VEHICLE/CAR) TAX SYSTEM

DOCUMENT SUBSECTION: Financial Systems  
MANAGING DEPARTMENT: Department of Finance

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 6 - 10 Years

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Personal Property Tax System													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	3,192,039	2,592,039	-	-	-	-	-	-	-	600,000	-	-	600,000
Financing Plan													
Cash Capital	3,192,039	2,592,039	-	-	-	-	-	-	-	600,000	-	-	600,000
Financing Plan Total	3,192,039	2,592,039	-	-	-	-	-	-	-	600,000	-	-	600,000
Operating Impact	1,214,000	-	-	114,000	120,000	125,000	130,000	135,000	140,000	145,000	150,000	155,000	1,214,000

### CHANGES FROM PRIOR YEAR CIP

Outyear funding reduced to accommodate funding restrictions and increased needs in other projects. Project will use existing balances to sustain current environment.

### PROJECT DESCRIPTION & JUSTIFICATION

The personal property tax system accounts for the assessment and tax payment processing for all vehicles parked, stored, or garaged in the City; the processing of appeals for personal property assessments; maintenance of vehicle tax records; and the certification of qualified vehicles for personal property tax relief.

In the 1990s, ITS staff developed the City's current personal property tax system as a stand-alone software application for the administration of all vehicle taxes. Since then, ITS and Finance staff have reprogrammed and modified it over the years, as necessary. Nearing its fourth decade of service, the personal property tax system needs to be retired.

During FY 2019, staff explored a few viable solutions to replace the current system. These product reviews provided insights into the current practices and processes available in more modern systems. This analysis continued into FY 2020, to determine the most ideal timeline, costs, and methodology for deciding the path forward.

Prior year funding is being used to implement a modern, commercial-off-the-shelf personal property tax system. The City anticipates the replacement system will be in production in late FY 2022/ early FY 2023. The scope of work includes installation, configuration, data conversion, training, and implementation of the new system.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

Implementation of project will likely require additional staff support for database administration; Personal Property processing have considerably more volume than the other modules that are part of this enterprise system.



## PORTABLE DEVICE (PHONE, WEB) REPORTING/PAYMENT PORTALS

DOCUMENT SUBSECTION: Financial Systems  
MANAGING DEPARTMENT: Department of Finance

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 6 - 10 Years

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Phone, Web, Portable Device Payment Portals													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	525,000	275,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Financing Plan													
Cash Capital	346,000	96,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
GO Bonds	175,000	175,000	-	-	-	-	-	-	-	-	-	-	-
Prior Year CIP/Close-Out	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	525,000	275,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides funding to implement improvements to the City's online payment and account maintenance portal, including providing compatibility with mobile devices such as smart phones and tablets. In FY 2016, the City implemented the ability for taxpayers to make personal property (car tax) payments online. In FY 2017, the City implemented online real estate tax payments. In FY 2019 and FY 2020, the City enabled taxpayers to create and maintain online accounts that they may access with a username and password. This allowed taxpayers to view their billing and payment history, schedule payments, and receive electronic notifications.

These online payment portal enhancements are currently in a sustainment status, with the exception of the personal property (car tax) payments which will be updated when the system is replaced in late FY 2022 / early FY 2023. This project has facilitated many enhancements that have enabled the City to provide online payment of taxes during the COVID-19 pandemic.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Finance Department Work Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

REAL ESTATE ACCOUNTS RECEIVABLE SYSTEM

DOCUMENT SUBSECTION: Financial Systems  
MANAGING DEPARTMENT: Department of Finance

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 6 - 10 Years

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Real Estate Account Receivable System													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	2,010,000	1,635,000	-	-	-	175,000	-	-	-	200,000	-	-	375,000
Financing Plan													
Cash Capital	2,008,890	1,633,890	-	-	-	175,000	-	-	-	200,000	-	-	375,000
GO Bonds	1,110	1,110	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	2,010,000	1,635,000	-	-	-	175,000	-	-	-	200,000	-	-	375,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

PROJECT DESCRIPTION & JUSTIFICATION

This project supports the replacement of the City's Real Estate Accounts Receivable System (REARS), the system that generates the City's real estate tax bills. In FY 2017, ITS and Finance staff successfully migrated to a new system and retired the legacy system. The Finance Department first utilized the new system to successfully complete the tax year 2017 first-half and second-half real estate tax billings. The funding programmed in the out years of the plan is for a major upgrade or anticipated future replacement of this system.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Finance Department Work Plan

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## REAL ESTATE ASSESSMENT SYSTEM (CAMA)

DOCUMENT SUBSECTION: Financial Systems  
MANAGING DEPARTMENT: Department of Finance

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 0 - 5 Years

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Real Estate Assessment System (CAMA)													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	475,000	325,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Financing Plan													
Cash Capital	475,000	325,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Financing Plan Total	475,000	325,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Outyear funding reduced to accommodate funding restrictions and increased needs in other projects. Project will use existing balances to sustain current environment.

### PROJECT DESCRIPTION & JUSTIFICATION

This project funds improvements to the City's computer assisted mass appraisal (CAMA) system, which Finance staff uses to complete annual assessments of all real property in the City. The real estate accounts receivable system (REARS) relies on property valuations data from the CAMA system. Data from both systems are then used to generate the real estate tax bills. Prior year funding allowed for a critical system upgrade to the CAMA system. This upgrade retired outdated servers, moved all data to a modern database, and implemented a new browser-based user interface. The upgrade significantly extended the useful life of the CAMA system and eliminated the need for a full system replacement in the near term. The project is in a sustainment phase where additional capabilities and functionality will be added as needed, and the current focus is to keep the software aligned to the product lifecycle. In FY 2021, a release upgrade was performed. The next release upgrade is scheduled for FY 2022. Outstanding enhancements include configuration of the commercial income approach module and recalibration of the City's custom cost data sets.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## GIS DEVELOPMENT

DOCUMENT SUBSECTION: Geographic Information Systems  
 MANAGING DEPARTMENT: Information Technology Services  
 Department

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed  
 Government

PROJECT CATEGORY: IT Plan  
 ESTIMATE USEFUL LIFE: Varies

GIS Development													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	3,119,500	2,594,500	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	70,000	525,000
Financing Plan													
Cash Capital	2,997,251	2,472,251	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	70,000	525,000
GO Bonds	22,249	22,249	-	-	-	-	-	-	-	-	-	-	-
Prior Year CIP/Close-Out	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	3,119,500	2,594,500	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	70,000	525,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The City's Geographic Information System (GIS) is the primary source of information on hundreds of layers of spatial data (streets, parks, parcels, population, etc.). This project funds resources to collect, distribute, access, and analyze this data. GIS data allows the City to better inform staff, decision makers and the public on many aspects of City operations. GIS provides this information through applications that address an extensive array of business needs. GIS capital funds are primarily used for GIS hardware and software and the biennial collection of base mapping data.

GIS data allows the City to better inform staff, decision makers and the public on many aspects of City operations. GIS provides this information through applications that address an extensive array of business needs. GIS data and technology is central to many of the City's most critical business applications including Computer Aided Dispatch, Asset Management, Real Estate Assessments, APEX (permitting) and Stormwater Utility.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## CONNECTIVITY INITIATIVES

DOCUMENT SUBSECTION: Network Services  
 MANAGING DEPARTMENT: Information Technology Services  
 Department

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed  
 Government

PROJECT CATEGORY: IT Plan  
 ESTIMATE USEFUL LIFE: N/A

Connectivity Initiatives													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	16,204,370	13,618,270	600,000	630,000	661,500	694,600	-	-	-	-	-	-	2,586,100
Financing Plan													
Cash Capital	1,986,100	-	-	630,000	661,500	694,600	-	-	-	-	-	-	1,986,100
Comcast Revenues	600,000	-	600,000	-	-	-	-	-	-	-	-	-	600,000
Private Capital Contributions	13,010,270	13,010,270	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	15,596,370	13,010,270	600,000	630,000	661,500	694,600	-	-	-	-	-	-	2,586,100
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding eliminated for FY 2027 – FY 2031 to reflect Municipal Fiber project schedule and impact on payments to Comcast for lease of their network.

### PROJECT DESCRIPTION & JUSTIFICATION

This project reflects annual expenditures to Comcast for the monthly support of the City, Library and ACPS institutional network connections and is currently funded with Comcast Revenues. All remaining Comcast revenues have been programmed as funding for other eligible projects within the IT Plan.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## DATABASE INFRASTRUCTURE

DOCUMENT SUBSECTION: Network Services  
MANAGING DEPARTMENT: Information Technology Services  
Department

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed  
Government

PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: Varies

Database Infrastructure													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>1,018,000</b>	<b>898,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	-	-	-	-	-	-	-	<b>120,000</b>
Financing Plan													
Cash Capital	905,629	785,629	40,000	40,000	40,000	-	-	-	-	-	-	-	120,000
GO Bonds	112,371	112,371	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>1,018,000</b>	<b>898,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	-	-	-	-	-	-	-	<b>120,000</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides for new and replacement database infrastructure hardware, software, licensing, upgrades, and tools. This project provides funding to periodically (every 3-5 years) refresh the database technologies and stay current with the manufacturer's lifecycle. Keeping the City's database infrastructure compliant with vendor releases ensures the long-term viability of critical City applications that are used to assess taxes, issue bills, make payments, manage permitting and land management processes and others. In addition to core database technologies, this project also provides for new web reporting services and improvements to existing web reporting portals. This project will occasionally fund the acquisition of new database hardware, infrastructure, and services when new needs arise from City staff. Additionally, this project is used to evaluate the latest database technologies and tools and provides for consulting services to properly maintain and enhance the City's database infrastructure. Microsoft is ending support for a suite of database versions in late calendar 2022, making the upgrade of the effected databases a priority for this program.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

ENTERPRISE CAMERA SYSTEM

DOCUMENT SUBSECTION: Network Services

MANAGING DEPARTMENT: Information Technology Services Department

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

PROJECT LOCATION: Citywide

REPORTING AREA: Citywide

PROJECT CATEGORY: IT Plan

ESTIMATE USEFUL LIFE: TBD

Enterprise Camera System													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	110,000	50,000	60,000	-	-	-	-	-	-	-	-	-	60,000
Financing Plan													
Cash Capital	110,000	50,000	60,000	-	-	-	-	-	-	-	-	-	60,000
Financing Plan Total	110,000	50,000	60,000	-	-	-	-	-	-	-	-	-	60,000
Operating Impact	1,391,100	-	-	130,000	135,500	141,200	147,600	153,800	160,300	167,000	174,100	181,600	1,391,100

CHANGES FROM PRIOR YEAR CIP

Funded added in FY 2023.

PROJECT DESCRIPTION & JUSTIFICATION

This project is to provide funds for an enterprise-wide assessment of needs for physical security camera systems and electronic access control for City departments and facilities. Currently, the City has multiple stand-alone systems in place, which the City may want to migrate to a standardized camera solution that will enable efficiencies and provide interconnection among the facilities for live view in the event of an emergency prior to dispatch of law enforcement. Initial funds for this project will be used to pay for a study of current operations to identify the best path forward, taking into consideration technological innovations available in the marketplace. The study will identify the optimal future state, which will take advantage of innovations and “right-size” the City’s investments in this technology.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

The management software will also include the management of the electronic access control, which will include the operational and maintenance costs of the server and switch equipment as well and the cost of proximity cards and proximity card readers and doors hardware.

## ENTERPRISE COLLABORATION

DOCUMENT SUBSECTION: Network Services  
MANAGING DEPARTMENT: Information Technology Services  
Department

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed  
Government

PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 6 - 10 Years

Enterprise Collaboration													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>1,197,095</b>	<b>757,095</b>	<b>170,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>440,000</b>
Financing Plan													
Cash Capital	1,197,095	757,095	170,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	440,000
<b>Financing Plan Total</b>	<b>1,197,095</b>	<b>757,095</b>	<b>170,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>440,000</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Project funding increased by \$290,000, and funding also added to FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project funds the roll-out of new features for the City's enterprise content collaboration platform, as well as to adhere to the system manufacturer's lifecycle. This is a web-based collaboration platform that integrates with the City's email, desktop productivity tools, messaging, and cloud-based storage functions. The approved funding supports the cost of migration of personal file shares to cloud-based storage; the roll-out and training associated with mobility and "work-from-anywhere" initiatives, including native apps on mobile devices; the training and promotional costs of driving end-user adoption of cloud computing; and the implementation of content management features, such as retention policies, classification for search, and cloud security tools. Funds budgeted in this project are used for research and development activities to define a roadmap to deploy new cloud products and features.

In FY 2023, funds in this project will be used to continue the migration of data to Microsoft's One Drive cloud storage solution. The next migration phase will focus on departmental file shares. This will materially reduce on-premises storage requirements and will further support staff capabilities to "work from anywhere" with internet connectivity.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## ENTERPRISE DATA STORAGE INFRASTRUCTURE

DOCUMENT SUBSECTION: Network Services  
 MANAGING DEPARTMENT: Information Technology Services  
 Department

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed  
 Government

PROJECT CATEGORY: IT Plan  
 ESTIMATE USEFUL LIFE: Varies

Enterprise Data Storage Infrastructure													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	8,569,435	4,380,435	800,000	450,000	350,000	-	1,200,000	175,000	175,000	175,000	174,000	690,000	4,189,000
Financing Plan													
Cash Capital	6,755,000	2,566,000	800,000	450,000	350,000	-	1,200,000	175,000	175,000	175,000	174,000	690,000	4,189,000
Code Fund Balance	150,000	150,000	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	1,664,435	1,664,435	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	8,569,435	4,380,435	800,000	450,000	350,000	-	1,200,000	175,000	175,000	175,000	174,000	690,000	4,189,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Project funding increased by 2.4 million, and funding also added to project for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

As the City continues to "go green" and digitize documents across the enterprise, data storage requirements continue to increase which requires additional storage capacity and proper hardware/software to perform data backups. This project provides funding to maintain and upgrade the backend data storage required for the virtual infrastructure and the enterprise backups. This project includes Storage Area Network (SAN) hardware, software licensing, and enterprise backup hardware. The SANs that are deployed throughout the enterprise provide improved disk utilization and data management. This project provides funding to perform SAN upgrades to include data storage expansion while maintaining optimal performance. Staff will continue to research next generation storage technology.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## ENTERPRISE SERVICE CATALOG

DOCUMENT SUBSECTION: Network Services  
 MANAGING DEPARTMENT: Information Technology Services  
 Department

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed  
 Government

PROJECT CATEGORY: IT Plan  
 ESTIMATE USEFUL LIFE: 6 - 10 Years

Enterprise Service Catalog													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	620,000	260,000	-	40,000	40,000	200,000	-	40,000	-	40,000	-	-	360,000
Financing Plan													
Cash Capital	620,000	260,000	-	40,000	40,000	200,000	-	40,000	-	40,000	-	-	360,000
Financing Plan Total	620,000	260,000	-	40,000	40,000	200,000	-	40,000	-	40,000	-	-	360,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Project funding increased, over the 10 year plan, by \$240,000.

### PROJECT DESCRIPTION & JUSTIFICATION

Funding for this project is used to support the technical service desk operations which includes incident, request, and change management directly related to technical support services for City staff. In FY 2019, ITS implemented a system that includes electronic workflows and automated email notifications. Overall IT efficiency is gained by leveraging this system to automate repetitive tasks and it serves as a central repository for IT service catalog items. Planned funding will be used to perform major upgrades and/or implement new features and capabilities.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## INFORMATION TECHNOLOGY EQUIPMENT REPLACEMENT

DOCUMENT SUBSECTION: Network Services  
MANAGING DEPARTMENT: Information Technology Services  
Department

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed  
Government

PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 6 - 10 Years

Information Technology Equipment Replacement													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	14,753,793	4,804,793	995,000	1,000,000	1,005,000	1,010,000	1,016,000	972,000	978,000	984,000	991,000	998,000	9,949,000
Financing Plan													
Cash Capital	14,453,793	4,504,793	995,000	1,000,000	1,005,000	1,010,000	1,016,000	972,000	978,000	984,000	991,000	998,000	9,949,000
Private Capital Contributions	300,000	300,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	14,753,793	4,804,793	995,000	1,000,000	1,005,000	1,010,000	1,016,000	972,000	978,000	984,000	991,000	998,000	9,949,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The City needs hardware that meets modern technology standards and application requirements. Funds in this project are used to procure new City platform technologies (laptops, desktops, and related components or companion products). This project also provides for the labor costs of deploying the new computers at offices throughout the City. The IT Equipment Replacement project ensures that City staff have appropriate platform technologies and resources necessary to perform core job functions, and that the City's physical IT equipment is replaced on an appropriate schedule to minimize downtime and requests for service.

The project's goal is to provide appropriate hardware and companion products to support the City's workforce in their day-to-day job functions. Funding levels will ensure City staff are provided appropriate computing equipment to support remote work during the City's response to COVID, with the goal of transitioning the City's computer environment from desktops to laptops. Technology requirements have significantly shifted towards a digital workforce calling for mobile endpoint devices. Funds are used to procure City endpoint technologies (laptops, desktops, peripherals, related components and companion/mobility products). Funding largely is to replace legacy equipment on an ongoing basis and improve the overall digital work experience.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

INFORMATION TECHNOLOGY LUMP SUM FUNDING

DOCUMENT SUBSECTION: Network Services

PROJECT LOCATION: Citywide

MANAGING DEPARTMENT: Information Technology Services Department

REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

PROJECT CATEGORY: IT Plan

ESTIMATE USEFUL LIFE: Varies

Information Technology Lump Sum Funding													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	26,100,000	-	-	2,200,000	3,200,000	3,200,000	3,200,000	3,400,000	3,400,000	3,400,000	2,050,000	2,050,000	26,100,000
Financing Plan													
Cash Capital	26,100,000	-	-	2,200,000	3,200,000	3,200,000	3,200,000	3,400,000	3,400,000	3,400,000	2,050,000	2,050,000	26,100,000
Financing Plan Total	26,100,000	-	-	2,200,000	3,200,000	3,200,000	3,200,000	3,400,000	3,400,000	3,400,000	2,050,000	2,050,000	26,100,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2032.

PROJECT DESCRIPTION & JUSTIFICATION

This project reserves IT project future funding in FY 2024 – FY 2032 for use on emerging technology opportunities for process improvements, developing tools to support the technology environment, and for to-be-determined information technology initiatives.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## LAN DEVELOPMENT

DOCUMENT SUBSECTION: Network Services  
 MANAGING DEPARTMENT: Information Technology Services  
 Department

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed  
 Government

PROJECT CATEGORY: IT Plan  
 ESTIMATE USEFUL LIFE: Varies

LAN Development													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	743,921	518,921	-	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
Financing Plan													
Cash Capital	580,582	355,582	-	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
GO Bond Interest Earnings	30,679	30,679	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	67,660	67,660	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	65,000	65,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	743,921	518,921	-	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding removed for FY 2023; funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project maintains or upgrades the local area network (LAN) infrastructure in City government buildings, including: data cabling, demarcation boxes, racks, and cabinets. This project ensures that current data runs and new data connections associated with office moves and renovations will consistently provide staff sufficient data speeds, based on the latest network technologies deployed in the City. This project also funds upgrades to the physical spaces (network closets) where the LAN infrastructure resides to ensure that they are adequately cooled, lighted, and secured. The condition of the physical space is critical to the optimal performance of network equipment connecting to the City's I-Net. On an on-going basis, ITS ensures the quality of the local area network is consistent with I-Net by continuously performing required cable drop maintenance, installation of new or replacement network drops, and other related equipment replacements or upgrades.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## LAN/WAN INFRASTRUCTURE

DOCUMENT SUBSECTION: Network Services  
 MANAGING DEPARTMENT: Information Technology Services  
 Department

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed  
 Government

PROJECT CATEGORY: IT Plan  
 ESTIMATE USEFUL LIFE: Varies

LAN/WAN Infrastructure													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	19,061,055	9,635,055	1,064,000	1,080,000	1,742,000	740,000	1,004,000	1,048,000	1,143,000	449,000	471,000	685,000	9,426,000
Financing Plan													
Cash Capital	12,521,928	3,456,928	703,000	1,080,000	1,742,000	740,000	1,004,000	1,048,000	1,143,000	449,000	471,000	685,000	9,065,000
Comcast Revenues	1,724,000	1,363,000	361,000	-	-	-	-	-	-	-	-	-	361,000
GO Bond Interest Earnings	13,816	13,816	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	763,311	763,311	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	4,038,000	4,038,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	19,061,055	9,635,055	1,064,000	1,080,000	1,742,000	740,000	1,004,000	1,048,000	1,143,000	449,000	471,000	685,000	9,426,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Project funding increased by \$445,400, and funding also added to FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

This project enables the City to deliver scalable wired and wireless access to data, voice, and video communications on the City's Institutional Network (I-Net). This project funds the replacement and acquisition of networking equipment which includes core switches, edge switches, firewalls, routers, gigabit modules, fiber optic cable, various networking monitoring tools, packet filtering/ traffic shaping devices, and professional services. Consulting services are used when making network modifications, which are required for integration of products or services.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## MUNICIPAL FIBER

DOCUMENT SUBSECTION: Network Services  
MANAGING DEPARTMENT: Information Technology Services  
Department

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed  
Government

PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 30+ Years

Municipal Fiber													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>22,489,500</b>	<b>18,963,000</b>	<b>174,500</b>	<b>154,000</b>	<b>912,000</b>	<b>320,000</b>	<b>329,000</b>	<b>338,000</b>	<b>347,000</b>	<b>357,000</b>	<b>367,000</b>	<b>228,000</b>	<b>3,526,500</b>
Financing Plan													
Cash Capital	11,663,927	8,137,427	174,500	154,000	912,000	320,000	329,000	338,000	347,000	357,000	367,000	228,000	3,526,500
GO Bonds	10,825,573	10,825,573	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>22,489,500</b>	<b>18,963,000</b>	<b>174,500</b>	<b>154,000</b>	<b>912,000</b>	<b>320,000</b>	<b>329,000</b>	<b>338,000</b>	<b>347,000</b>	<b>357,000</b>	<b>367,000</b>	<b>228,000</b>	<b>3,526,500</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Project funding increased, over the 10 year plan, by \$1.8 million.

### PROJECT DESCRIPTION & JUSTIFICATION

The City currently leases a fiber optic network from Comcast that provides an institutional network (I-Net) connection to all City government facilities including Libraries, City government offices, and ACPS educational facilities. This project funds the design and build-out of a City-owned municipal fiber network which will replace the Comcast network with approximately 40 miles of fiber optic and will provide greater and more uniformly available wide area network services to meet current and future projected City service levels. Mandatory, critical City communications are supported over the I-Net: the City's VoIP telephone system, public safety dispatch systems, data network services, Internet, and mission-critical system applications. Project objectives include better management of long-term costs, reduction of the risk of pricing volatility, enhancement of City services and support of economic development. Alternatives to this approach are limited and wireless solutions are not sufficient.

There are various project dependencies as well as opportunities that could impact the overall design and costs of the municipal fiber network. Factors such as 5G wireless, public-private partnerships, smart mobility and construction site variables are all considerations that could increase costs or alter the original design.

Funds budgeted in FY 2022 support the construction of the fiber network, expected to be completed in four years from contract award date, which was in early 2021. FY 2023 and outyear funding will support the cost of owning and sustaining the municipal fiber network as well as its related components. The current funding and construction specializations will support a two-conduit system.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## NETWORK SECURITY

DOCUMENT SUBSECTION: Network Services  
MANAGING DEPARTMENT: Information Technology Services  
Department

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed  
Government

PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: Varies

Network Security													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	9,134,881	4,379,881	500,000	605,000	400,000	400,000	800,000	350,000	350,000	350,000	500,000	500,000	4,755,000
Financing Plan													
Cash Capital	7,606,895	2,851,895	500,000	605,000	400,000	400,000	800,000	350,000	350,000	350,000	500,000	500,000	4,755,000
Comcast Revenues	590,000	590,000	-	-	-	-	-	-	-	-	-	-	-
GO Bond Interest Earnings	80,000	80,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	57,986	57,986	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	800,000	800,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	9,134,881	4,379,881	500,000	605,000	400,000	400,000	800,000	350,000	350,000	350,000	500,000	500,000	4,755,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The purpose of this project is to fund the technical implementation of security technologies to protect data confidentiality, integrity, and availability of the City's Infrastructure. The City's information security program's function is to proactively identify, assess and implement solutions to address the City's IT vulnerabilities. Evaluating the role of new security technologies and methodologies is a continual process that requires capital investment. Funds programmed in the out years of this plan will be used to procure necessary tools, software, and services to better combat threats and improve the City's security posture. Funding in this project provides for continued IT and cyber security system protections, enhancements, replacements and upgrades, service consultation expenses, and future security product and service acquisitions to assist with ensuring the confidentiality, integrity, and availability of City systems and information.

The Network Security project funds initiatives that reduce the City's risk to cyber-attacks. The average ransomware incident takes an organization offline for at least a week. A major security incident could potentially be very costly to the City, cause interruptions to City operations and damage the City's reputation. Investing pre-emptively in security measures reduces the risk of an incident occurring. IT security continues to be a fundamental component of the City's enterprise architecture and strategy. Over the past two fiscal years this project has funded improvements to security for remote workers, as this was critical in supporting City operations during the pandemic. In FY 2022, the City procured a new Governance Risk and Compliance (GRC) tool to maintain compliance with numerous state and federal regulations. The City also upgraded the existing platform for security event and information management (SEIM) to further support the remote workforce.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

This CIP project was included in the City's Information Technology Services Departmental strategic plan.

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## NETWORK SERVER INFRASTRUCTURE

DOCUMENT SUBSECTION: Network Services  
 MANAGING DEPARTMENT: Information Technology Services  
 Department

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed  
 Government

PROJECT CATEGORY: IT Plan  
 ESTIMATE USEFUL LIFE: Varies

Network Server Infrastructure													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	10,921,143	8,721,143	70,000	1,030,000	-	-	-	-	-	800,000	300,000	-	2,200,000
Financing Plan													
Cash Capital	8,431,976	6,231,976	70,000	1,030,000	-	-	-	-	-	800,000	300,000	-	2,200,000
GO Bonds	717,042	717,042	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	1,772,125	1,772,125	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	10,921,143	8,721,143	70,000	1,030,000	-	-	-	-	-	800,000	300,000	-	2,200,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Project funding increased, over the 10 year plan, by \$1.6 million.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides for the phased replacement of the hardware and software required to operate the City's network server environment in a secure, high performing, and reliable manner. This project provides funds for procuring necessary hardware, network software upgrades, client access licenses, virtualization licenses, and network operating system licenses. Typical equipment purchases include chassis, and chassis components, server blades, and memory.

Staff will use outyear funding to ensure proper capacity and scalability to host the City's computer environment. These improvements enable City staff to have seamless computing experience which ensures application access is delivered optimally.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## REMOTE ACCESS

DOCUMENT SUBSECTION: Network Services  
MANAGING DEPARTMENT: Information Technology Services  
Department

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed  
Government

PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: Varies

Remote Access													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	2,393,000	1,168,000	175,000	250,000	800,000	-	-	-	-	-	-	-	1,225,000
Financing Plan													
Cash Capital	2,393,000	1,168,000	175,000	250,000	800,000	-	-	-	-	-	-	-	1,225,000
Financing Plan Total	2,393,000	1,168,000	175,000	250,000	800,000	-	-	-	-	-	-	-	1,225,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Project funding increased, over the 10 year plan, by \$1.1 million.

### PROJECT DESCRIPTION & JUSTIFICATION

This project supports employee teleworking initiatives for City staff. Funding is provided to allow secure remote access for employees who telework and employees who work at remote locations. Funds programmed in the out years of this plan will be used to procure new licensing, assess applications compatibility, and procure related hardware devices to sustain the remote access infrastructure. In recent fiscal years, various improvements have been made including software upgrades and equipment replacement to enhance the remote worker experience as well as improve security.

Outyear funding will allow staff to deliver increased functionality and security enhancements for the remote work environment.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

TIME & ATTENDANCE SYSTEM UPGRADE

DOCUMENT SUBSECTION: Network Services

PROJECT LOCATION: Citywide

MANAGING DEPARTMENT: Finance Department

REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

PROJECT CATEGORY: IT Plan

ESTIMATE USEFUL LIFE: Varies

Time & Attendance System Upgrade													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	270,000	70,000	8,000	8,000	48,000	8,000	8,000	8,000	88,000	8,000	8,000	8,000	200,000
Financing Plan													
Cash Capital	270,000	70,000	8,000	8,000	48,000	8,000	8,000	8,000	88,000	8,000	8,000	8,000	200,000
Financing Plan Total	270,000	70,000	8,000	8,000	48,000	8,000	8,000	8,000	88,000	8,000	8,000	8,000	200,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

CHANGES FROM PRIOR YEAR CIP

Project funding increased to reflect ongoing upgrades to system.

PROJECT DESCRIPTION & JUSTIFICATION

The funding for this project has been programmed to ensure the enterprise time and attendance application remains viable and is compatible with the City’s overall technology environment. Continued analysis will be performed to ensure the system is compatible with the Enterprise Resource Planning application. The current application has been in use for 10 plus years. In FY 2023 a major release upgrade is planned for this system.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

ADDITIONAL OPERATING IMPACTS

N/A

No additional operating impacts identified at this time.

UPGRADE WORK STATION OPERATING SYSTEMS

DOCUMENT SUBSECTION: Network Services

PROJECT LOCATION: Citywide

MANAGING DEPARTMENT: Information Technology Services Department

REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

PROJECT CATEGORY: IT Plan

ESTIMATE USEFUL LIFE: Varies

Upgrade Work Station Operating Systems													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	6,784,003	3,819,003	472,000	380,000	490,000	200,000	210,000	220,000	231,000	243,000	255,000	264,000	2,965,000
Financing Plan													
Cash Capital	6,263,724	3,298,724	472,000	380,000	490,000	200,000	210,000	220,000	231,000	243,000	255,000	264,000	2,965,000
GO Bond Interest Earnings	120,000	120,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	400,279	400,279	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	6,784,003	3,819,003	472,000	380,000	490,000	200,000	210,000	220,000	231,000	243,000	255,000	264,000	2,965,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

CHANGES FROM PRIOR YEAR CIP

Project funding increased by \$952,000; funding also added to FY 2032.

PROJECT DESCRIPTION & JUSTIFICATION

This project provides funds to upgrade the Windows operating system, maintain a current Microsoft operating system service plan (N-1), and provide an up-to-date Microsoft productivity suite on City workstations, as well as to fund required improvements to computer laptops and desktops, peripherals, or other related hardware components as necessary. This project also provides funds for the labor costs of installing the new operating systems and related software components. Additionally, funding is used to test the viability of newer operating systems, mobile devices and laptop technologies with current City applications and hardware. Testing workstations prior to enterprise implementation is necessary to help ensure efficient roll-out of new technology and minimizes disruptions related to application or hardware compatibility issues.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## VOICE OVER INTERNET PROTOCOL (VoIP)

DOCUMENT SUBSECTION: Network Services  
 MANAGING DEPARTMENT: Information Technology Services  
 Department

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed  
 Government

PROJECT CATEGORY: IT Plan  
 ESTIMATE USEFUL LIFE: Varies

Voice Over Internet Protocol (VoIP)													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	7,862,173	5,747,173	-	84,000	249,000	932,000	850,000	-	-	-	-	-	2,115,000
Financing Plan													
Cash Capital	4,143,173	2,028,173	-	84,000	249,000	932,000	850,000	-	-	-	-	-	2,115,000
GO Bonds	621,000	621,000	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	3,098,000	3,098,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	7,862,173	5,747,173	-	84,000	249,000	932,000	850,000	-	-	-	-	-	2,115,000
Operating Impact	1,597,700	-	-	144,900	152,100	159,800	167,700	176,100	184,900	194,200	203,900	214,100	1,597,700

### CHANGES FROM PRIOR YEAR CIP

Project funding increased, over the 10 year plan, by \$1.9 million

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides funds for the continuous improvements to Voice over Internet Protocol (VoIP), the City's enterprise telephony systems and services. Project funding is used for the City's telecommunications infrastructure, including software, servers, switches, and handsets. Routine hardware replacement and software upgrades need to be performed to maintain a viable and reliable VoIP infrastructure. ITS has been refining departmental VoIP configurations by deploying - contact centers in the cloud that are accessible to staff from anywhere with internet connectivity. This enables the City to leverage the next generation capabilities and features to integrate with other City systems and applications.

Prior year funds will be utilized in FY 2023 to replace end-of-life hardware, software, and evaluate other more modern and unified voice communication platforms that meets the City's current and future business requirements. The City will also continue to enhance, configure, and deploy additional E-911 reporting capabilities to meet federal and state mandates.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

An enterprise technical architect FTE or consultant will be needed to coordinate with stakeholders the delivery of the next generation call centers and voice cloud technology. In addition, to securely integrate with current and future applications.

## COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM (CMMS)

DOCUMENT SUBSECTION:	Other System Development Projects	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	PROJECT CATEGORY:	IT Plan
		ESTIMATE USEFUL LIFE:	5- 10 Years

Computerized Maintenance Management System (CMMS)													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	490,600	325,000	-	165,600	-	-	-	-	-	-	-	-	165,600
Financing Plan													
Cash Capital	490,600	325,000	-	165,600	-	-	-	-	-	-	-	-	165,600
Financing Plan Total	490,600	325,000	-	165,600	-	-	-	-	-	-	-	-	165,600
Operating Impact	1,417,100	-	-	143,500	147,000	150,500	154,200	157,900	161,800	165,700	167,400	169,100	1,417,100

### CHANGES FROM PRIOR YEAR CIP

Project funding moved from FY 2023 to FY 2024.

### PROJECT DESCRIPTION & JUSTIFICATION

In FY 2020 – 2021 a Computer Maintenance Management System (CMMS) study was completed. Results from the study recommend a new, jointly procured CMMS to be implemented for the use by the Department of General Services (DGS), Alexandria Fire Department (AFD), and Alexandria City Schools (ACPS). This infrastructure is required to support the mission and functions for facilities maintenance divisions in these agencies.

This project supports the Ad-Hoc City Schools recommendation for these three agencies to establish a common, cost -effective approach to track and manage preventive maintenance needs.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

Ongoing management and maintenance of this system will likely require a dedicated staff member.

## COUNCIL CHAMBERS TECHNOLOGY UPGRADE

DOCUMENT SUBSECTION:	Other System Development Projects	PROJECT LOCATION:	301 King St, Council Chamber, Alexandria VA 22314
MANAGING DEPARTMENT:	City Clerk's Office	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	PROJECT CATEGORY:	IT Plan
		ESTIMATE USEFUL LIFE:	0 - 5 Years

Council Chamber Technology Upgrade													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,730,000	350,000	750,000	-	-	130,000	-	-	-	-	500,000	-	1,380,000
Financing Plan													
Cash Capital	1,380,000	-	750,000	-	-	130,000	-	-	-	-	500,000	-	1,380,000
Private Capital Contributions	350,000	350,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	1,730,000	350,000	750,000	-	-	130,000	-	-	-	-	500,000	-	1,380,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added in FY 2026 and FY 2031 to reflect costs of future upgrades/replacements.

### PROJECT DESCRIPTION & JUSTIFICATION

City Council Chambers is where elected and appointed officials, City staff, and the public meet to conduct official City business. Council Chambers hosts regular and special City Council meetings, City Council informational meetings, City Council Committee meetings, Planning Commission meetings, Boards of Architectural Review meetings, and other City meetings. Planned funding in FY 2023 will be used to define the requirements, obtain cost proposals, and contract with vendor resources to perform the necessary audiovisual improvements. The City Council Chambers' hardware and software will be modernized. The more modern solution will allow for participants to be in-person and/or virtually, with expanded flexibility, overflow capacity and functionality. The equipment will have to be periodically replaced and properly maintained. In addition, enhancements may be required to allow for increased functionalities. The replacement lifecycle for the equipment and the funding will need to occur in the out years of the 10-year plan.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating budget impacts identified at this time.

DATA QUALITY AND INTELLIGENCE PLATFORMS

DOCUMENT SUBSECTION: Other System Development Projects

PROJECT LOCATION: Citywide

MANAGING DEPARTMENT: Department of General Services

REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

PROJECT CATEGORY: IT Plan

ESTIMATE USEFUL LIFE:

Data Quality and Intelligence Platforms													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	800,000	-	-	-	150,000	300,000	350,000	-	-	-	-	-	800,000
Financing Plan													
Cash Capital	800,000	-	-	-	150,000	300,000	350,000	-	-	-	-	-	800,000
Financing Plan Total	800,000	-	-	-	150,000	300,000	350,000	-	-	-	-	-	800,000
Operating Impact	718,300	-	-	-	-	-	-	130,000	136,500	143,300	150,500	158,000	718,300

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

PROJECT DESCRIPTION & JUSTIFICATION

This project supports the goal of better decision making through the use of data and analytics. Reliable analytics help the city to evaluate potential outcomes of future initiatives, better align resources, and provide a higher level of service to the community. Reliable analytics require data to be accurate, complete, standardized, accessible and authoritative. Funding in the outyears requested in the capital budget will assist staff with the development of a data quality roadmap and the technical tools and expertise to create the needed data repository. This repository will securely store accurate, well documented data for appropriate use in critical analytical studies. Specific uses for the funding will be directed at designing, implementing, and populating the secure enterprise data repository.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

A unified data platform will require dedicated staff resources that are not currently available.



## DCHS INTEGRATED CLIENT INFORMATION SYSTEM

DOCUMENT SUBSECTION: Other System Development Projects

PROJECT LOCATION: Citywide

MANAGING DEPARTMENT: Information Technology Services Department

REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 9: Healthy Residents

PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: Varies

DCHS Integrated Client Information System													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>1,700,000</b>	<b>300,000</b>	<b>200,000</b>	<b>1,200,000</b>	-	-	-	-	-	-	-	-	<b>1,400,000</b>
Financing Plan													
Cash Capital	1,700,000	300,000	200,000	1,200,000	-	-	-	-	-	-	-	-	1,400,000
<b>Financing Plan Total</b>	<b>1,700,000</b>	<b>300,000</b>	<b>200,000</b>	<b>1,200,000</b>	-	-	-	-	-	-	-	-	<b>1,400,000</b>

### CHANGES FROM PRIOR YEAR CIP

Funding added to this project for FY 2023 and FY 2024. The previous CIP noted a significant but to-be-determined cost for this project.

### PROJECT DESCRIPTION & JUSTIFICATION

The Alexandria Department of Community and Human Services is a unified agency focused on achieving the safety, well-being, and self-sufficiency of the residents of Alexandria. The array of services that the department delivers span the life cycle from early childhood to older adulthood. The types of services include mental health, public benefits, substance use disorder, residential, developmental disabilities, homelessness prevention, child and adult protection, early intervention, youth, and workforce development services. On average, the department will serve more than 24,000 residents each year.

The department is unique in that it has responsibility for both Behavioral Health and Social Services, along with other areas. Having most services under one roof provides important opportunities to respond more comprehensively to the complex needs of individuals and families. The department has several strong models of collaboration, care coordination and information sharing among the services delivered. These models have largely been driven by the complex needs of individuals and families facing mental health, housing, financial, and family safety crises. These models are extremely valuable and demonstrate the effectiveness of integrated information and service delivery.

The COVID-19 emergency has reinforced the desire for DCHS to offer a more customer centric and integrated systems approach to providing and managing services to the community. The development of a client centric portal will allow individuals to access programs easily and enable programs to collaborate and coordinate information and responses.

Based on these approaches and the national models (Allegheny County, PA; San Diego, CA; Virginia Beach) of integrated service delivery, a key element of this approach is the systemic access and integration of information. This will make it possible to improve the client experience, improve accuracy, expedite eligibility determination, and ultimately improve outcomes. On a macro systems level, the integration of information will make it possible to identify trends, make projections, and target resources. As integrated data increasingly provide the raw materials for evaluation, research, and risk modeling, it is critical that we examine the ways in which data reflect systemic racial inequities in the development and administration of policies and programs. Any approach that is adopted must reflect a built-in racial equity analysis process. Staff engaged vendors for preliminary pricing to for the budgetary request. Staff will perform requirements gathering, then further refine budgetary costs.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## ENTERPRISE MAINTENANCE MGMT SYSTEM

DOCUMENT SUBSECTION:	Other System Development Projects	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	PROJECT CATEGORY:	IT Plan
		ESTIMATE USEFUL LIFE:	6 - 10 Years

Enterprise Maintenance Mgmt System													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>609,400</b>	<b>429,400</b>	<b>60,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	-	-	-	-	-	-	<b>180,000</b>
Financing Plan													
Cash Capital	459,400	279,400	60,000	40,000	40,000	40,000	-	-	-	-	-	-	180,000
GO Bonds	150,000	150,000	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>609,400</b>	<b>429,400</b>	<b>60,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	-	-	-	-	-	-	<b>180,000</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides for the continual improvement of the City's enterprise maintenance management system (EMMS). This system is a service request/work order management system used by departments in the day-to-day activities associated with maintaining assets and infrastructure. Improvements to this system will provide full lifecycle management of City-owned assets. The EMMS integrates with the City's GIS system, serving as an asset inventory with location details and it is the foundational system behind the City's current service request system, Alex311.

This project is in a sustain and maintain mode, where additional capabilities and functionality will be added as needed, but the focus is to keep the software aligned to the product lifecycle.

Significant enhancement and development efforts are underway in the stormwater management components of the EMMS, adding capabilities for routine inspections of stormwater abatement structures and enhanced citizen visibility and reporting about this program.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## FLEET MANAGEMENT SYSTEM

DOCUMENT SUBSECTION: Other System Development Projects

PROJECT LOCATION: Citywide

MANAGING DEPARTMENT: Department of Transportation and Environmental Services

REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 6-10 Years

Fleet Management System													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	140,000	140,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	140,000	140,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	140,000	140,000	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project provides a technology refresh of the City's fleet management software to a next generation version of the software which is browser-based. This upgrade is underway and is planned to be completed in FY 2022. The newer web version of the software will make it much easier to deploy and maintain. It is also compatible with tablets and handheld devices, where the older version requires a desktop computer. It is anticipated that having smaller devices available in a garage will make the repair environment more streamlined and allow for improved work order process flow. Efficiencies available in the newer version of software including web reports, handhelds, barcode scanning, and inventory management can only be achieved with the upgrade.

A full version upgrade to the web version of the software that provides the core fleet services program was completed in FY 2022. This application handles vehicle inventory, vehicle service record history, shop records, and parts/material inventory. Prior year funds will be used in FY 2023 to plan for an upgrade of a separate software system used for fuel management operations. This ancillary system is used to monitor fuel storage and quantity on hand, fuel usage by vehicle, and fuel island automations, including fuel card management and unattended fueling pumps.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## FOIA SYSTEM REPLACEMENT

DOCUMENT SUBSECTION:	Other System Development Projects	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Office of the City Attorney	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	PROJECT CATEGORY:	IT Plan
		ESTIMATE USEFUL LIFE:	0 - 5 Years

FOIA System Replacement													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	115,000	115,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	115,000	115,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	115,000	115,000	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The City Attorney's Office receives, and processes Freedom of Information Act (FOIA) records requests made to the City. Under the Virginia Freedom of Information Act, the City has five working days to provide responses to requestors. In order to appropriately handle records requests, the office uses a system that tracks requests and communicates with staff when requests have been assigned. The system is used by the City Attorney's Office and designated department contacts to track the status of the requests, and any responses made to requestors.

The City Attorney's Office has gone through a discovery process of the needs of the City's FOIA system, and after a review they have decided to upgrade the current FOIA tracking solution. The upgraded product will have additional features and functionality that will meet the current business needs of the City Attorney's Office and its customers. These enhancements will help streamline the response process; thus, making the process more efficient by decreasing the response time to customers and allowing City staff to work more efficiently.

The City Attorney's Office and the Information Technology Services Department are conducting a pilot for the archiving of text messages. The City Attorney's Office will be able to automate the process of capturing, archiving, and searching text messages. Prior year funding provided in FY 2022 will cover costs associated with implementing a pilot automation of text archiving solution. Staff will review the results of the pilot to determine the feasibility of an enterprise program.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## HIPAA & RELATED HEALTH INFORMATION TECHNOLOGIES

DOCUMENT SUBSECTION: Other System Development Projects

PROJECT LOCATION: Citywide

MANAGING DEPARTMENT: Department of Community and Human Services

REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 9: Healthy Residents

PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: Varies

HIPAA & Related Health Information Technologies													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>963,000</b>	<b>678,000</b>	<b>60,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>285,000</b>
Financing Plan													
Cash Capital	860,000	575,000	60,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	285,000
Private Capital Contributions	75,000	75,000	-	-	-	-	-	-	-	-	-	-	-
Prior Year CIP/Close-Out	28,000	28,000	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>963,000</b>	<b>678,000</b>	<b>60,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>285,000</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added in FY 2023; funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The Department of Community and Human Services adheres to the Health Insurance Portability and Accountability Act (HIPAA) and its established standards and safeguards that protect the confidentiality, integrity, and availability of protected electronic health information. HIPAA regulations impact all the department's functions, processes and systems that store, generate, or report on health information. Prior year funding was used towards security audits, a HIPAA secured document management solution, secure efax and a HIPAA secure printing and scanning solution for the Department.

This project funds a continued self-assessment of current business functions related to Health Information Technology infrastructure and use, as well as provides funding for HIPAA-mandated regulations and compliance. Planned funding ensures all processes associated with health information technology are continually monitored and improved upon in efforts to address required updates, data security requirements and hardware needs.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## IMPOUND LOT SYSTEM REPLACEMENT

DOCUMENT SUBSECTION: Other System Development Projects

PROJECT LOCATION: Citywide

MANAGING DEPARTMENT: Department of Transportation and Environmental Services

REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 6- 10 Years

Impound Lot System Replacement													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	200,000	200,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	200,000	200,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	200,000	200,000	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project supports the replacement of the City's impound/ towing management software system. The current system has been in use for more than 15 years, and it was custom developed in-house using a legacy programming language which is now end-of-life. The business processes associated with running an impound lot require an automated electronic software system. The current system has become increasingly difficult to maintain due to legacy technology. The new system will have more automation and it will manage the entire impound process. It will track a vehicle from impound through release or disposal, accounting for vehicle information, pickup and storage locations, towing information, and all fees, payments associated with the impound including credit card processing.

The City is researching commercial-off-the-shelf and cloud hosted solutions. Prior year funds will support the replacement of the legacy software with a new system. This project will begin in FY 2022 and be completed in FY 2023.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## LIBRARY IT EQUIPMENT REPLACEMENT

DOCUMENT SUBSECTION:	Other System Development Projects	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Libraries	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 7: Thriving Children & Youth	PROJECT CATEGORY:	IT Plan
		ESTIMATE USEFUL LIFE:	Varies

Library Information Technology Equipment Replacement													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>989,238</b>	<b>257,438</b>	<b>61,400</b>	<b>35,300</b>	<b>133,100</b>	<b>38,900</b>	<b>89,900</b>	<b>43,000</b>	<b>45,000</b>	<b>183,300</b>	<b>49,700</b>	<b>52,200</b>	<b>731,800</b>
Financing Plan													
Cash Capital	949,238	217,438	61,400	35,300	133,100	38,900	89,900	43,000	45,000	183,300	49,700	52,200	731,800
GO Bonds	40,000	40,000	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>989,238</b>	<b>257,438</b>	<b>61,400</b>	<b>35,300</b>	<b>133,100</b>	<b>38,900</b>	<b>89,900</b>	<b>43,000</b>	<b>45,000</b>	<b>183,300</b>	<b>49,700</b>	<b>52,200</b>	<b>731,800</b>

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The Alexandria Library must periodically update and install new equipment in library facilities to replace outdated computers, end-of-life servers, software and materials that will be used to meet both staff and community technology needs. This project aligns with the Library's goals which seeks to increase technology use in Library facilities, focus staff attention on educational programming for the community, improve access to Library collections, and highlight efforts to improve customer service. These resources are vital for the Library's ability to continue meeting customer expectations.

In prior needs assessment studies, community members indicated that they require access to new and up-to-date technology. This has consistently been a priority in the Library's Five-Year Plan. Through the use of the Urban Library Council's Edge Initiative, the Library has identified multiple areas requiring technology updates. The Edge Initiative is a management and leadership tool that Library staff can use to elevate and strengthen public access technology services to achieve community goals. This initiative further addresses the outcomes of the Library's community needs assessment.

The Library has reviewed and assessed the costs of replacing and adding equipment to all its facilities. The Library has identified several replacement areas including staff equipment, self-service stations, and boardroom audio visual equipment. The Library staff needs new hardware that meets the modern technology standards and application requirements. Funds in FY 2023 and the outyears will be used to procure technologies (laptops, desktops, servers, peripherals, related components, and companion/ mobility products). The COVID pandemic, along with the attendance increase in virtual meetings, has shown that the boardroom audio visual equipment is obsolete and needs to be replaced with newer, more secure, more robust technology.

After initial purchase, equipment replacement, maintenance, and upgrading costs would be absorbed through individual vendor agreements and maintenance contracts. Library staff will be responsible for implementing and maintaining equipment during daily operations.

All Library hardware will be inventoried as standard practice. All web-based equipment will include necessary software for internet security and antivirus control along with security procedures to identify usage and track location. Onsite equipment will be equipped with standard hardware and software resources to protect investment and will comply with all Commonwealth of Virginia required data backup and storage laws.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Alexandria Library Five-Year Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## LIBRARY PUBLIC ACCESS COMPUTERS AND PRINT MGMT SYSTEM

DOCUMENT SUBSECTION: Other System Development Projects  
 MANAGING DEPARTMENT: Libraries  
 PRIMARY STRATEGIC THEME: Theme 7: Thriving Children & Youth

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide  
 PROJECT CATEGORY: IT Plan  
 ESTIMATE USEFUL LIFE: Varies

Library Public Access Computers and Print Mgmt System													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	238,700	45,000	80,500	-	-	-	-	113,200	-	-	-	-	193,700
Financing Plan													
Cash Capital	238,700	45,000	80,500	-	-	-	-	113,200	-	-	-	-	193,700
Financing Plan Total	238,700	45,000	80,500	-	-	-	-	113,200	-	-	-	-	193,700
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2028.

### PROJECT DESCRIPTION & JUSTIFICATION

Alexandria's libraries maintain an automated system for managing the computers made available to the public. The system manages the waiting lists for computers, monitoring time limits for computer sessions, and manages customer printing. A new system with enhanced features that accepts credit card payments for print jobs was implemented in April 2017. The upgraded kiosk system has improved service options for Library users, including the ability to print from USB drives. In 2018, a wireless printing component was implemented, allowing users to print from their mobile devices. This updated system also accepts credit card payments using modern chip and pin compatible terminals, resulting in PCI Compliance. The system has also improved the Libraries' accounting and reporting functions. Library users have responded positively to an updated process that offers additional features and the convenience of credit card payments. The systems that have been successfully implemented in prior years are currently in a sustain and maintain status. Funds in FY 2023 will be used to upgrade and/or replace necessary components.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Alexandria Library Five-Year Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



## LIBRARY SCANNING EQUIPMENT AND DAMS

DOCUMENT SUBSECTION:	Other System Development Projects	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Libraries	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 7: Thriving Children & Youth	PROJECT CATEGORY:	IT Plan
		ESTIMATE USEFUL LIFE:	Varies

Library Scanning Equipment and DAMS													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	170,400	-	-	-	1,600	71,600	-	1,900	-	-	88,100	7,200	170,400
Financing Plan													
Cash Capital	170,400	-	-	-	1,600	71,600	-	1,900	-	-	88,100	7,200	170,400
Financing Plan Total	170,400	-	-	-	1,600	71,600	-	1,900	-	-	88,100	7,200	170,400
Operating Impact	108,400	-	-	13,000	14,300	-	15,800	16,600	17,400	18,300	-	13,000	108,400

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The Alexandria Public Library's Local History/Special Collections branch needs a Digital Asset Management System (DAMS). A DAMS is an essential business need for special collection repositories due to the users being geographically dispersed. The cataloging module of the DAMS software will allow discoverability of the collection in the Library catalog. It is equally important to improve access to materials through a DAMS for those City agencies involved with planning, tourism, archaeology, and infrastructure. A DAMS will allow for digital access to materials, and it will also allow for the information to be re-used by other national, State, and City-level sites and projects.

The Library's Local History/Special Collections has a specialized collection which includes microfilm and microfiche. Prior year funding was used to procure micrographic equipment and associated equipment, as well as the Digital Asset Management System (DAMS). The current system is in a sustain and maintain status and outyear funding in FY 2025 will be used to perform memory upgrades which will be replaced on a 3-year cycle. Outyear funding will be used to do a system replacement which will be on a 5-year replacement cycle.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

There will be annual maintenance paid to the vendor to keep the software/hardware up to date and supported which usually amounts to 10-20% of the acquisition costs.

## MIGRATION OF INTEGRATED LIBRARY SYSTEM TO SAAS PLATFORM

DOCUMENT SUBSECTION: Other System Development  
Projects  
MANAGING DEPARTMENT: Libraries  
PRIMARY STRATEGIC THEME: Theme 7: Thriving Children & Youth

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: Varies

Migration of Integrated Library System to SAAS Platform													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>795,800</b>	<b>42,000</b>	<b>166,100</b>	<b>83,600</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>213,900</b>	<b>109,100</b>	<b>3,000</b>	<b>3,000</b>	<b>166,100</b>	<b>753,800</b>
Financing Plan													
Cash Capital	795,800	42,000	166,100	83,600	3,000	3,000	3,000	213,900	109,100	3,000	3,000	166,100	753,800
<b>Financing Plan Total</b>	<b>795,800</b>	<b>42,000</b>	<b>166,100</b>	<b>83,600</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>213,900</b>	<b>109,100</b>	<b>3,000</b>	<b>3,000</b>	<b>166,100</b>	<b>753,800</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2023 – FY 2032 for sustainment of system and anticipated major upgrades.

### PROJECT DESCRIPTION & JUSTIFICATION

The Alexandria Library migrated from an on-premises Integrated Library Management System (ILS) to a “software-as-a-service” (SAAS) based system. Through an annual SAAS agreement, equipment replacement, maintenance, and upgrading costs are absorbed with the Libraries’ ILS provider. All ILS software and hardware services were migrated to cloud services with the exception of various telephone notification services and 3rd party bank payment systems. By moving to a cloud-based platform, the Library realized many benefits, including:

- Continuous technical support and monitoring; seamless system upgrades with no downtime; remote repairs, replacements and maintenance;
- Secure 24/7 system access and monitoring from any computer/device with online access for/by library staff;
- Creation of more opportunities for enhancing community outreach services; and,
- Improved compatibility with Library third party vendor services.

The Library Integrated Management System is currently in a sustain and maintain status. While Alexandria Library’s current ILS has been consistently updated with our current vendor’s offerings, it was implemented in 2009. After 13 years with the same vendor, there is a need to review technological changes in the industry. There are opportunities for new platforms that offer upgrades that will streamline our services, improve security, enhance the customer and staff experience, and potentially realize improved efficiency and cost savings. Newer technologies available in ILS systems include integrated community engagement and marketing tools, an improved discovery interface and searching capabilities, increased privacy for customer records, fully web-based interfaces, integrated website management, and integrated event organization.

FY 2023 funds will be utilized to procure and implement the new Integrated Library System and the implementation is expected to take estimated 1 to 2 years to finalize. The Library anticipates finalizing the implementation prior to the current contract expiration date which occurs in FY 2024.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Alexandria Library Five-Year Plan

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## OFFICE OF VOTER REGISTRATIONS AND ELECTIONS EQUIPMENT REPLACEMENT

DOCUMENT SUBSECTION: Other System Development Projects

PROJECT LOCATION: Citywide

MANAGING DEPARTMENT: Voter Registration and Elections

REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 5-7 years

Office of Voter Registrations and Elections Equipment Replacement													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,101,800	100,000	-	-	-	-	-	-	1,001,800	-	-	-	1,001,800
Financing Plan													
Cash Capital	1,101,800	100,000	-	-	-	-	-	-	1,001,800	-	-	-	1,001,800
Financing Plan Total	1,101,800	100,000	-	-	-	-	-	-	1,001,800	-	-	-	1,001,800
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The City periodically purchases electronic poll books (EPBs), which can be laptops and related hardware and software. The Virginia State Board of Elections (SBE) assists the City in keeping current with its required electronic poll books by certifying vendors that the City can purchase from directly. The City keeps the EPBs current by maintaining a version that is certified by the Virginia State Board of Elections (SBE). Prior year funds were used to replace approximately 60% of the City's EPBs to help support the 2020 Presidential Election. It's possible that the remaining inventory of electronic poll books will also need to be replaced soon if there is a State mandate requiring them to be upgraded.

Funds have already been proactively budgeted in FY 2029 for the anticipated replacement of the voting equipment system. It is anticipated that additional funds will also be required in the out years to replace the electronic poll books and related hardware at the end of their current life cycle.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## OHA POINT-OF-SALE SYSTEM REPLACEMENT

DOCUMENT SUBSECTION: Other System Development Projects

PROJECT LOCATION: 801 South Payne Street

MANAGING DEPARTMENT: Office of Historic Alexandria

REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 5: Flourishing Arts, Culture &amp; Recreation

PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 6- 10 Years

OHA Point-of-Sale System Replacement													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	401,800	-	293,100	-	-	-	-	-	-	108,700	-	-	401,800
Financing Plan													
Cash Capital	401,800	-	293,100	-	-	-	-	-	-	108,700	-	-	401,800
Financing Plan Total	401,800	-	293,100	-	-	-	-	-	-	108,700	-	-	401,800
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding accelerated and increased from FY 2024 to FY 2023; funding added for FY 2030.

### PROJECT DESCRIPTION & JUSTIFICATION

The purpose of the Point of Sale (POS) system is to provide for in-person and online retail sales for the Office of Historic Alexandria's (OHA) museums and retail stores. The City's Office of Historic Alexandria implemented the point-of-sale system as a pilot in 2012. The application has been in production for over a decade. The point-of-sale system is currently used at 8 brick and mortar locations and it has an integrated online shop. Other departments, mostly DCHS, use the POS system to collect online donations, under the administration of OHA. The current POS system is now near end-of-life and it will need to be replaced in the near future. OHA also has a need for a tablet module that could be used at outdoor events, but this is not available from the current vendor.

The City recently procured a new donor management system that will be hosted securely in the cloud with integration to the Historic Alexandria website. This will allow for a better customer experience and less involvement of the City's IT staff. Industry changes in recent years have largely separated the functionality of donations, memberships and revenue-producing event tickets into Donor CRM (customer relation management) software, while retail sales and admission tickets continue to be handled by the point of sale (POS). The separation of functions into two complementary or integrated systems for Donor CRM and POS is likely to provide better functionality and better options for selection of POS software. Customers would make donations and purchase memberships and event tickets online, while merchandise and admission tickets would continue to be purchased online or in brick-and-mortar museum shops.

Funding in FY 2023 will be used to do some initial discovery sessions of what's available on the market followed by the procurement of a replacement solution. Once the Office of Historic Alexandria finds a suitable solution they will move forward with a procurement of the necessary hardware and software. The scope of work will include installation, configuration, integration with donor management software, training, and implementation of the new system(s).

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## OHA RECORDS MANAGEMENT SYSTEM REPLACEMENT

DOCUMENT SUBSECTION:	Other System Development Projects	PROJECT LOCATION:	801 South Payne Street
MANAGING DEPARTMENT:	Office of Historic Alexandria	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	PROJECT CATEGORY:	IT Plan
		ESTIMATE USEFUL LIFE:	6 - 10 Years

OHA Records Management System Replacement													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	246,300	105,000	-	-	-	-	-	-	-	141,300	-	-	141,300
Financing Plan													
Cash Capital	246,300	105,000	-	-	-	-	-	-	-	141,300	-	-	141,300
Financing Plan Total	246,300	105,000	-	-	-	-	-	-	-	141,300	-	-	141,300
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2030.

### PROJECT DESCRIPTION & JUSTIFICATION

This project funds the upgrade of the Office of Historic Alexandria's Records Management System. This software is used for tracking the large collections of City records and making them available to both City employees and the public, in accordance with all applicable State and local regulations governing the management of City records. The records management software is essential to providing business process efficiency while ensuring regulatory compliance. This software is currently in a sustainment phase and funding will be used to keep the system current with the software lifecycle.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Office of Historic Alexandria Departmental Five-Year Strategic Plan, FY 2012-2016, currently undergoing revision.

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## PERMIT PROCESSING

DOCUMENT SUBSECTION: Other System Development Projects  
 MANAGING DEPARTMENT: Department of Code Administration

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 6: Strong Economy

PROJECT CATEGORY: IT Plan  
 ESTIMATE USEFUL LIFE: 11 - 15 Years

Permit Processing													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	5,082,691	5,082,691	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	65,524	65,524	-	-	-	-	-	-	-	-	-	-	-
Code Fund Balance	5,017,167	5,017,167	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	5,082,691	5,082,691	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

This project funds the system used for the administration of the City's land use management and development process. The system is used by multiple agencies including Code Administration, Transportation & Environmental Services, Planning & Zoning, Fire, Office of Historic Alexandria, Finance, Special Events-Park/Recreation, and the Health Department. The City recently implemented a new land management system, which replaced the 20 plus-year-old legacy system and offers electronic application, plan submission and review for permits and land use applications; online payments; real-time status tracking for permit and land use applications; online inspection scheduling, tracking and updates; advanced search capabilities; and easy, effective communication with customers.

Permit processes include the administration of commercial and residential permits for building and trade work, fire prevention, outdoor dining, elevators, noise permits, the residential rental inspections program, and Special Event registration and tracking. The permitting system also supports administrative and City ordinance processes such as site plans, developmental special use permits, special use permits (SUP), board of architectural review cases (BAR), Board of Zoning Appeal cases, certificates of occupancy, code modifications, vacant building registrations, unfit properties, hauling, reserved parking, and complaint processes regarding maintenance of existing structures, civil penalties, fire inspections, tenant/landlord complaints, SUP and BAR violations.

In late FY 2022 / early FY 2023 the application software will be upgraded to incorporate desired functionality improvements to maintain software viability and industry compliance. The upgraded application will provide enhanced interoperability to include mobile platform readiness. Additionally, improvements to electronic plan review will provide City inspectors and planners an even more efficient and transparent method of interacting with City customers. As a result of the upgrade requirement, vendor support services will be required for deployment and training.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A.

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

PROJECT MANAGEMENT SOFTWARE

DOCUMENT SUBSECTION: Other System Development Projects

MANAGING DEPARTMENT: Information Technology Services Department

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

PROJECT LOCATION: Citywide

REPORTING AREA: Citywide

PROJECT CATEGORY: IT Plan

ESTIMATE USEFUL LIFE: 6 – 10 years

Project Management Software													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	385,000	185,000	50,000	-	50,000	-	-	-	50,000	-	50,000	-	200,000
Financing Plan													
Cash Capital	385,000	185,000	50,000	-	50,000	-	-	-	50,000	-	50,000	-	200,000
Financing Plan Total	385,000	185,000	50,000	-	50,000	-	-	-	50,000	-	50,000	-	200,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

PROJECT DESCRIPTION & JUSTIFICATION

This project provides funding for enterprise project management (PM) software to track and manage capital improvement projects. The PM tool allows project management staff to track and manage deliverables, project due dates, financial management tracking, risks, and standard reporting options. The PM tool is aligned with the Project Management Excellence goals. Staff are working to define how an enterprise project management software could be configured to have an interface to the City's Enterprise Resource System to view real-time financial information.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## RECREATION DATABASE SYSTEM

DOCUMENT SUBSECTION:	Other System Development Projects	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	PROJECT CATEGORY:	IT Plan
		ESTIMATE USEFUL LIFE:	6 - 10 Years

Recreation Database System													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>550,000</b>	<b>450,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>100,000</b>
Financing Plan													
Cash Capital	550,000	450,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
<b>Financing Plan Total</b>	<b>550,000</b>	<b>450,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>100,000</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Outyear funding reduced to accommodate funding restrictions and increased needs in other projects.

### PROJECT DESCRIPTION & JUSTIFICATION

This system manages the day-to-day operations of the recreation centers and other ancillary programs administered by the Department of Recreation, Parks, and Cultural Activities. The Recreation Database System is a central citizen/customer database, providing financial and statistical reporting, activity registration, facility reservations, and pass management.

The system will undergo a major upgrade in FY 2022, where the legacy forms-based software will be replaced by a new web-based version available from the current software vendor. Staff has decided to utilize the vendor's private cloud to host the upgraded recreation system in a Software-as-a Service (SaaS) solution. The migration to the cloud will occur as part of the upgrade. Post upgrade activities in FY 2023 will focus on updating the credit card integration components that will allow for utilization of touchscreens, touchless credit card payment processing, and enhanced receipt printing.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.



SMALL SYSTEMS REPLACEMENTS

DOCUMENT SUBSECTION: Other System Development Projects

MANAGING DEPARTMENT: Department of Information Technology Services

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

PROJECT LOCATION: Citywide

REPORTING AREA: Citywide

PROJECT CATEGORY: IT Plan

ESTIMATE USEFUL LIFE: 5 - 10 Years

Small Systems Replacements													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	130,000	-	20,000	20,000	20,000	20,000	50,000	-	-	-	-	-	130,000
Financing Plan													
Cash Capital	130,000	-	20,000	20,000	20,000	20,000	50,000	-	-	-	-	-	130,000
Financing Plan Total	130,000	-	20,000	20,000	20,000	20,000	50,000	-	-	-	-	-	130,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects.

PROJECT DESCRIPTION & JUSTIFICATION

Funding in the out years for this project will be for programming services, the acquisition of commercial-off-the-shelf packages, or cloud hosted solutions for applications that are primarily single-user and/or which provide critical support for department priorities. ITS staff supports and administers several dozens of these applications that must be properly sustained and upgraded to keep pace with current technologies. Current focus of this program is the replacement of Microsoft Access based applications to technologies that provide true multi-user capabilities, browser-based user interfaces, and cloud-based hosting and storage.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## CUSTOMER RELATIONSHIP MANAGEMENT SYSTEM

DOCUMENT SUBSECTION: Public Access Development  
 MANAGING DEPARTMENT: Department of Emergency and  
 Customer Communications

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed  
 Government

PROJECT CATEGORY: IT Plan  
 ESTIMATE USEFUL LIFE: 6 - 10 Years

Customer Relationship Management System													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,931,507	1,731,507	-	-	-	200,000	-	-	-	-	-	-	200,000
Financing Plan													
Cash Capital	1,731,507	1,531,507	-	-	-	200,000	-	-	-	-	-	-	200,000
GO Bond Interest Earnings	125,000	125,000	-	-	-	-	-	-	-	-	-	-	-
GO Bonds	75,000	75,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	1,931,507	1,731,507	-	-	-	200,000	-	-	-	-	-	-	200,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2026.

### PROJECT DESCRIPTION & JUSTIFICATION

The City's Customer Relationship Management System (Alex311) provides a central coordination of requests for service from the public and other external stakeholders. This is a City-wide effort to meet customers' expectations by connecting them to information, services and solutions. Alex311 is managed centrally by the Department of Emergency and Customer Communications (DECC). Technology enhancements to Alex311 are vetted by the Alex311 Steering Committee (staff from Information Technology Services, Transportation and Environmental Services, and the departments with the highest volume of customer requests). The Alex311 team is the front line of assistance for all customer service requests, inquiries, complaints and commendations.

To support the 311 customer service efforts the City purchased a new customer relationship management software to manage our relationships with customers by tracking requests, actions and communications. The City's new CRM solution (replacing Call-Click-Connect) was launched in February 2020. New and enhanced capabilities, such as a knowledge base of commonly asked questions, custom response templates, collaboration tools, GIS data, and integrations with other city enterprise systems are available to assist staff in providing efficient and accurate customer service. Expansive reporting capabilities are also built into this new software which will allow the Alex311 team to gauge how well we meet customer service goals.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

**ELECTRONIC GOVERNMENT/WEB PAGE**

DOCUMENT SUBSECTION: Public Access Development  
 MANAGING DEPARTMENT: Information Technology Services  
 Department

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed  
 Government

PROJECT CATEGORY: IT Plan  
 ESTIMATE USEFUL LIFE: Varies

Electronic Government/Web Page													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	3,513,196	1,838,196	225,000	275,000	275,000	400,000	275,000	225,000	-	-	-	-	1,675,000
Financing Plan													
Cash Capital	3,288,196	1,613,196	225,000	275,000	275,000	400,000	275,000	225,000	-	-	-	-	1,675,000
GO Bonds	125,000	125,000	-	-	-	-	-	-	-	-	-	-	-
Private Capital Contributions	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	3,513,196	1,838,196	225,000	275,000	275,000	400,000	275,000	225,000	-	-	-	-	1,675,000
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

**CHANGES FROM PRIOR YEAR CIP**

Project funding increased, over the 10 year plan, by \$0.9 million.

**PROJECT DESCRIPTION & JUSTIFICATION**

The E-Government project includes enhancements to, and applications for, the City of Alexandria's public website, [www.alexandriava.gov](http://www.alexandriava.gov), related sites and various technology innovation initiatives to benefit both the general public and City employees. The current major initiative is the replacement of the City's Content Management System (CMS) which runs both the City's public facing website and its internal Intranet. Work includes enhancements to both in design and functionality of the sites to further expand the public's and City employees' digital experience. This work will result in a website that is more easily edited, and whose front page is more engaging and has a higher value content shared with page visitors at the initial point of entry.

The website replacement project was delayed due to the Covid pandemic response. The replacement is planned to occur during FY 2022. In FY 2023, staff will begin the replacement of the City's intranet (AlexNet) and will modernize various custom web applications that integrate with the City's website.

**EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION**

N/A

**ADDITIONAL OPERATING IMPACTS**

No additional operating impacts identified at this time.

## AJIS SYSTEM

DOCUMENT SUBSECTION: Public Safety Systems

PROJECT LOCATION: Judges Chamber, 4th Floor  
Courthouse 520 King St.  
Alexandria, VA 22314

MANAGING DEPARTMENT: Circuit Court

REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient  
Community

PROJECT CATEGORY: IT Plan

ESTIMATE USEFUL LIFE: Varies

AJIS System													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>18,696,013</b>	<b>13,507,013</b>	<b>2,113,000</b>	<b>432,000</b>	<b>440,000</b>	<b>298,000</b>	<b>307,000</b>	<b>316,000</b>	<b>325,000</b>	<b>385,000</b>	<b>217,000</b>	<b>356,000</b>	<b>5,189,000</b>
Financing Plan													
Cash Capital	11,900,515	6,711,515	2,113,000	432,000	440,000	298,000	307,000	316,000	325,000	385,000	217,000	356,000	5,189,000
GO Bonds	309,002	309,002	-	-	-	-	-	-	-	-	-	-	-
Reprogrammed Capital Balances	3,486,496	3,486,496	-	-	-	-	-	-	-	-	-	-	-
Use of CIP Designated Fund Balance	3,000,000	3,000,000	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>18,696,013</b>	<b>13,507,013</b>	<b>2,113,000</b>	<b>432,000</b>	<b>440,000</b>	<b>298,000</b>	<b>307,000</b>	<b>316,000</b>	<b>325,000</b>	<b>385,000</b>	<b>217,000</b>	<b>356,000</b>	<b>5,189,000</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding added for FY 2032.

### PROJECT DESCRIPTION & JUSTIFICATION

The Alexandria Justice Information System (AJIS) provides multiple City agencies and the law enforcement community with access to civil, criminal court and inmate management data, mug shots, documents, and reports. Users depend on AJIS to provide mission-critical judicial and jail management information. AJIS interfaces with other systems to furnish data to other local, regional, and national law enforcement agencies. The AJIS system is critically important to the entire judicial process for the City.

The AJIS system is beyond the end of its useful life and needs to be replaced. Continuing maintenance is becoming a challenge, making this a high priority project. In FY 2020, staff defined system needs, analyzed available products, and determined the additional budgetary needs that would be required to replace AJIS. During this process an in-depth third-party assessment was conducted, and the stakeholders determined the best option was to use the state's court system (currently being implemented) and identify the needed technology for judicial processes, jail management, and warrant management. The City developed a Request for Proposals (RFP) that was issued in the summer of 2021 for the required systems. In January of 2022 a selection was made for a Jail Management Solution (JMS), Prosecutor's Case Management System (PCMS), and a Warrant's Module. A data exchange platform to provide for the sharing of data between each of the individual replacement modules is currently under evaluation. The project funding will include contract assistance required throughout the multi-year implementation to assist with system acquisition and implementation.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## COMPUTER AIDED DISPATCH (CAD) SYSTEM REPLACEMENT

DOCUMENT SUBSECTION: Public Safety Systems  
MANAGING DEPARTMENT: Department of Emergency Communications

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 11 - 15 Years

Computer Aided Dispatch (CAD) System Replacement													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>24,032,313</b>	<b>16,828,313</b>	<b>1,104,000</b>	<b>5,009,000</b>	<b>114,000</b>	<b>120,000</b>	<b>126,000</b>	<b>132,000</b>	<b>139,000</b>	<b>146,000</b>	<b>153,000</b>	<b>161,000</b>	<b>7,204,000</b>
Financing Plan													
Cash Capital	7,473,313	6,169,313	104,000	109,000	114,000	120,000	126,000	132,000	139,000	146,000	153,000	161,000	1,304,000
GO Bonds	10,344,000	10,344,000	-	-	-	-	-	-	-	-	-	-	-
Use of CIP Designated Fund Balance	5,900,000	-	1,000,000	4,900,000	-	-	-	-	-	-	-	-	5,900,000
Prior Year CIP/Close-Out	315,000	315,000	-	-	-	-	-	-	-	-	-	-	-
<b>Financing Plan Total</b>	<b>24,032,313</b>	<b>16,828,313</b>	<b>1,104,000</b>	<b>5,009,000</b>	<b>114,000</b>	<b>120,000</b>	<b>126,000</b>	<b>132,000</b>	<b>139,000</b>	<b>146,000</b>	<b>153,000</b>	<b>161,000</b>	<b>7,204,000</b>
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Project funding reduced to reflect availability of prior year balances to meet project scope.

### PROJECT DESCRIPTION & JUSTIFICATION

This project funds ongoing improvements to the City's Computer Aided Dispatch (CAD) system that meets the consolidated requirements of the Department of Emergency & Customer Communications, Alexandria Police, Alexandria Fire, and Alexandria Sheriff's Office. The CAD System supports around-the-clock emergency communications by facilitating Police, Fire, and Medical Dispatch; to preserve and protect lives and property of all persons living in and visiting the City of Alexandria. The CAD also interfaces with the Police and Fire Records Management Systems (RMS). The RMS systems house historical data which is used to provide critical information to support tactical decisions made on the scene of emergency incidents.

This system provides reliable and assured response to the region while performing mission-critical public safety functions.

In FY 2013, the City of Alexandria initiated a project for the design, implementation, and support of a CAD System for Law Enforcement and Fire/EMS with an integrated Mobile Data client (Mobile), Law Enforcement Records Management System (RMS) and Electronic Patient care reporting (ePCR) System. In January 2015, the City successfully deployed several critical components of the system that best met its functional, technical and integration requirements in a cost-effective manner. In April 2017, the Police RMS and Field Based Reporting systems went live. The City continues to work with vendors to implement critical system element (for Police RMS, CAD, and Fire/EMS). In FY 2018, the CAD governance committee approved using a portion of the project funds for the Police Department's eCitation pilot. Since CAD systems are never turned off and must function (and be redundant) 24 hours a day and 7 days a week, replacements and upgrades must be made to keep the system current and viable and support the long-term maintenance of the CAD project.

In FY 2021, funding was used to upgrade the current CAD application and replace end-of-life networking equipment, which supports the essential functions of the CAD and mapping server. The needs for the bi-directional response portion of the application are still on-going and are in the test phase. The City will also strive to remain compliant with any required upgrades to ensure the application remains viable.

Additionally, a third-party expert conducted an in-depth CAD assessment that included a strategic plan for all future technology enhancements along with options and recommendations. The assessment provided cost saving and resiliency opportunities with Arlington County to move to a Next Generation 9-1-1 system.

(Continued on next page)

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## Computer Aided Dispatch (CAD) System (continued)

Funding is requested to upgrade the City's current CAD system to a Next Generation 9-1-1 (NG 9-1-1) CAD system as a joint project with Arlington County. Next Generation (NG) 9-1-1 is an Internet Protocol-based system that allows digital information (e.g., voice, photos, videos, text messages) to flow seamlessly from the public, through the 9-1-1 network to emergency responders. NG 9-1-1 will benefit the residents, visitors, and businesses of the City of Alexandria and the National Capital Region (NCR) by enhancing call delivery resiliency and reliability; creating network redundancy and diversity; enabling real-time photo and video transmissions; and improving call transfer capabilities across jurisdictions. Purposeful implementation of NG 9-1-1 will maximize the region's continued commitment to timely and effective delivery of interoperable 9-1-1 service. A NG 9-1-1 CAD system will retain legacy functions and will provide new capabilities such as enhanced caller location accuracy, better coordination of records management and better data analysis information. Funding will provide software acquisition, training, and implementation resources.

## EMERGENCY 911 PHONE SYSTEM UPGRADE

DOCUMENT SUBSECTION: Public Safety Systems  
 MANAGING DEPARTMENT: Department of Emergency Communications

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

PROJECT CATEGORY: IT Plan  
 ESTIMATE USEFUL LIFE:

Emergency 911 Phone System Upgrade													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	1,955,000	1,700,000	255,000	-	-	-	-	-	-	-	-	-	255,000
Financing Plan													
Cash Capital	1,805,000	1,550,000	255,000	-	-	-	-	-	-	-	-	-	255,000
State/Federal Grants	150,000	150,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	1,955,000	1,700,000	255,000	-	-	-	-	-	-	-	-	-	255,000
Operating Impact	810,000	-	-	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	810,000

### CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The E-911 Phone System is the emergency phone system for the public to request emergency services from the City. The emergency 911 phone system link is vital and must be redundant and available 24/7/365. In September 2019, the City of Alexandria and Arlington County transitioned from an analog phone system to a joint NextGen 9-1-1 fully complaint phone system focusing on inoperability and improving efficiency in the handling of 9-1-1 calls in order to improve operational standards and increase public safety in the region. This single integrated system provides both jurisdictions the ability to receive and process their respective 9-1-1 (emergency) and 10-digit (non-emergency) telephone calls from either jurisdiction's primary or backup 9-1-1 center. In addition, both jurisdictions have the ability to receive and answer each other's 9-1-1 and 10-digit telephone calls when either is unable to do so, such as during a system/facility failure or 9-1-1 center facility emergency. This will also provide more coordinated responses to regional incidents and emergencies.

The project funding will allow redundant and diverse fiber network connectivity between Arlington County and the City so the 911 phones will be available 24/7. This also includes funding for system upgrades as required to keep technology up to date with Arlington County and maintain consistency across the regional 9-1-1 centers.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

Once implement, the system will have annual maintenance costs paid to vendors for security and routing.

## COURTROOM TRIAL PRESENTATION TECHNOLOGY

DOCUMENT SUBSECTION: Public Safety Systems

PROJECT LOCATION: Circuit Court Judges Chambers  
Franklin P. Backus Courthouse  
520 King Street, 4th Floor  
Alexandria, VA 22314MANAGING DEPARTMENT: Information Technology Services  
Department

REPORTING AREA: Old Town

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient  
CommunityPROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: Varies

Courtroom Trial Presentation Technology													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
<b>Expenditure Budget</b>	<b>637,809</b>	<b>427,809</b>	<b>160,000</b>	<b>50,000</b>	-	-	-	-	-	-	-	-	<b>210,000</b>
Financing Plan													
Cash Capital	637,809	427,809	160,000	50,000	-	-	-	-	-	-	-	-	210,000
<b>Financing Plan Total</b>	<b>637,809</b>	<b>427,809</b>	<b>160,000</b>	<b>50,000</b>	-	-	-	-	-	-	-	-	<b>210,000</b>
Operating Impact	77,400	-	-	5,000	8,200	8,400	8,600	8,900	9,200	9,400	9,700	10,000	77,400

### CHANGES FROM PRIOR YEAR CIP

Funding reduced to accommodate funding restriction and increased needs in other projects.

### PROJECT DESCRIPTION & JUSTIFICATION

For the past decade, the use of electronic presentation technology in courtrooms has become a widely accepted and successful practice throughout the judicial system, and is currently in use in Fairfax, Arlington and Prince William Counties. The Alexandria Circuit Court has three courtrooms that are used for various court proceedings including jury trials, bench trials, motions, and hearings.

This project provides funding for Courtroom Trial Presentation Technology that will provide citizens, the Commonwealth Attorneys, Public Defenders, private attorneys and litigants a more modern and convenient way to present evidence during court proceedings. In addition, the courtrooms are utilized by City departments and agencies such as the Court Service Unit for their court-ordered parenting classes (FOCUS); the Alexandria Bar Association for their continuing legal education seminars; and the Sheriff's Office for their swearing-in ceremonies and occasional training sessions. The upgrades also enable video conferencing technology, which allows witnesses and inmates to testify at trial without being physically present in the courtroom.

This is a multi-year project, which will be completed in phases, where several courtrooms are getting technology refreshes of electronic presentation systems and audio video (A/V) equipment. Circuit Court Courtroom 2 technology components have been implemented. FY 2023 funding will begin upgrades to Circuit Court Courtroom 1 and Circuit Court Courtroom 4.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

It is expected that the complete Courtroom Trial Presentation System and audio components will have an annual maintenance cost, billed by the A/V vendor.



## ELECTRONIC CITATION IMPLEMENTATION

DOCUMENT SUBSECTION: Public Safety Systems  
 MANAGING DEPARTMENT: Information Technology Services  
 Department

PROJECT LOCATION: Citywide  
 REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient  
 Community

PROJECT CATEGORY: IT Plan  
 ESTIMATE USEFUL LIFE: Varies

Electronic Citations Implementation													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	420,000	420,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	420,000	420,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	420,000	420,000	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Outyear funding reduced to accommodate funding restrictions and increased needs in other projects. Project will use existing balances to sustain current environment.

### PROJECT DESCRIPTION & JUSTIFICATION

The current Police traffic citation process is largely manual, and paper based. The manual process can result in data entry errors, backlog of data input, and insufficient, untimely analytical abilities. The Alexandria Police Department conducted a pilot program of 25 police officers for electronic citations using limited approved funding from the CAD project. The pilot program involves participation from Police, Courts, and the ITS departments. The electronic citation program will fully automate the ticketing process: from the creation of the ticket to processing within the courts.

If additional funds become available, the electronic citations implementation will allow for an additional 225 users. Officers will use their already assigned mobile phones to issue tickets for moving violations. The project benefits include reducing the time needed to process citations, statistical information, auto-complete information, and an automated data interface to the Police records management system. This solution will streamline the citations by moving from paper to electronic based processes.

The solution also provides a more robust solution to complying with the State's recent "Community Policing Data Collection ACT" which requires officers to document all interactions with the public (subject stops etc ,) regardless of a ticket or any other official paper work needing to be completed. The current method of capturing this Act's required fields is cumbersome for the officers and the goal is to use this software to meet the need more efficiently. The Act is still in its infancy and has already seen multiple changes over the last few years to include new and expanded required data fields. The eCitations software and subsequent maintenance and upgrades will ensure APD stays in full compliance with this Act.

This project was delayed due to the pandemic response. Police will exercise the current funding as soon as adequate staffing is available to expand the pilot project. The current pilot is with 25 officers and has been running successfully over the past two years.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

FIRE EMERGENCY OPERATIONS CENTER TECHNOLOGY

DOCUMENT SUBSECTION: Public Safety Systems

MANAGING DEPARTMENT: F Alexandria Fire Department

PROJECT LOCATION: Citywide

REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

PROJECT CATEGORY: IT Plan

ESTIMATE USEFUL LIFE: 5 to 7 years

Electronic Citations Implementation													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	420,000	420,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	420,000	420,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	420,000	420,000	-	-	-	-	-	-	-	-	-	-	-

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2023 - FY 2032 CIP.

PROJECT DESCRIPTION & JUSTIFICATION

The Emergency Operations Center (EOC) is a citywide 24/7 asset during large scale critical incidents, natural disasters, and severe weather emergencies. The EOC is designed to utilize stakeholders from all City departments to provide a coordinated response and recovery efforts. The EOC is the central workplace during emergency operations and is typically open during periods where a Declaration of Local Emergency is in force.

Funding in FY 2023 will provide laptops, computer workstations, monitors, and audio-visual equipment to be used as the EOC's primary equipment. This funding will also allow for establishing a replacement cycle for operational use of the Backup EOC should the need arise.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## FIRE DEPARTMENT RMS

DOCUMENT SUBSECTION: Public Safety Systems  
MANAGING DEPARTMENT: Alexandria Fire Department

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 6 - 7 Years

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

Fire Dept RMS													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	329,000	329,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	329,000	329,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	329,000	329,000	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	1,053,600	-	-	90,100	92,800	95,600	98,500	101,400	137,500	141,600	145,900	150,200	1,053,600

### CHANGES FROM PRIOR YEAR CIP

No changes from prior CIP.

### PROJECT DESCRIPTION & JUSTIFICATION

The Fire Records Management System (RMS) is an enterprise level application that supports all facets of the fire department operations and encompasses modules for human resource management, training, staffing, emergency incident reporting, billing, emergency preplanning, quality assurance, performance analysis, community outreach, and logistics. The systems are highly integrated and provide efficiencies of scale. In Fall 2016, the Department implemented a replacement system under a highly compressed timeline to meet mandatory NEMSIS-3 compliance. The new vendor's EMS reporting minimally met the federal requirements; however, the Fire (NFIRS) reporting was unusable. The department went back to the old NFIRS software which has been used since 2005. This software is approaching end-of-life and has incompatibilities with the current client operating system. Therefore, the Fire Department is evaluating the current system to replace the Fire Records Management System and ensure a seamless integration with the EMS Records Management System.

The Fire and EMS/RMS marketplace has been working since the 2016 federal standards to create new software that is both compliant with the NEMSIS-3 standards and can provide one source for data sharing and analysis. In FY 2021, Fire Department staff intended to engage a consultant to identify and scope project costs. COVID-19 changed Fire Department priorities and work plans, so engaging a consultant became impractical. Cancellation of nearly all conferences and trade shows also impacted the ability to perform vendor assessments. The Fire Department has deferred FY 2021 goals to FY 2022. The plan is to replace the Fire RMS with a comprehensive system in FY 2023. Refined costs for out years funding will also be identified.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

Annual maintenance agreements will be necessary; current software agreements are approximately 20-25% of original outset per year

## PARKING CITATION SYSTEM REPLACEMENT

DOCUMENT SUBSECTION: Public Safety Systems  
MANAGING DEPARTMENT: Department of Finance

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide  
PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 6 - 10 Years/ (Hardware is less)

PRIMARY STRATEGIC THEME: Theme 3: Well-Managed Government

Parking Citation System Replacement													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	410,000	410,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan													
Cash Capital	410,000	410,000	-	-	-	-	-	-	-	-	-	-	-
Financing Plan Total	410,000	410,000	-	-	-	-	-	-	-	-	-	-	-
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Outyear funding reduced to accommodate funding restrictions and increased needs in other projects. Project will use existing balances to sustain current environment.

### PROJECT DESCRIPTION & JUSTIFICATION

This project funds the parking citation system, which includes parking citation issuance devices, citation processing, collections, online management of parking citation accounts receivables, and reconciliation reporting. This system will be particularly focused in areas with metered parking and residential parking restrictions such as Old Town and Carlyle.

When procuring a replacement solution City staff conducted a market analysis and decided to pursue a system in use by a neighboring jurisdiction. The new turnkey parking citation system is hosted in the cloud by a 3<sup>rd</sup> party vendor and was placed into production in FY 2021. The new system provides the services of citation issuance, citation processing, account receivables, and collections with reporting flexibility. The new system was placed in production in FY 2022, and it is actively being used by City staff as the parking citation management solution. The system will be actively reviewed for any required post-production enhancements.

This project was delayed due to the pandemic response. Police will exercise the current funding as soon as adequate staffing is available to expand the pilot project. The current pilot is with 25 officers and has been running successfully over the past two years.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## RADIO SYSTEM UPGRADE

DOCUMENT SUBSECTION: Public Safety Systems  
MANAGING DEPARTMENT: Department of Emergency Communications

PROJECT LOCATION: Citywide  
REPORTING AREA: Citywide

PRIMARY STRATEGIC THEME: Theme 4: Safe & Resilient Community

PROJECT CATEGORY: IT Plan  
ESTIMATE USEFUL LIFE: 6 - 10 Years

Radio System Upgrade													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Prior Appropriations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	Total FY 2023 - FY 2032
Expenditure Budget	13,214,722	3,191,460	3,761,262	1,520,000	2,742,000	-	-	1,000,000	1,000,000	-	-	-	10,023,262
Financing Plan													
Cash Capital	13,214,722	3,191,460	3,761,262	1,520,000	2,742,000	-	-	1,000,000	1,000,000	-	-	-	10,023,262
Financing Plan Total	13,214,722	3,191,460	3,761,262	1,520,000	2,742,000	-	-	1,000,000	1,000,000	-	-	-	10,023,262
Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-

### CHANGES FROM PRIOR YEAR CIP

Funding reduced in FY 2023 by \$900,000 to accommodate funding restriction and increased needs in other projects.

### PROJECT DESCRIPTION & JUSTIFICATION

This project consists of several specific goals spread over multiple fiscal years that are needed to maintain the radio system's current level of reliability, to add features, and to ensure sufficient capacity for radio system users, and implement radio management best practices.

Prior year funding was used to upgrade the core radio components and the 9-1-1 system recorder. The funds were also used to replace the backup power supply at the Masonic Temple, and to replace the air conditioning units. The encryption on the Police Department & Sheriff's Office radios was also upgraded. In FY 2021, funds were utilized to implement remote radio dispatch consoles, and some planned initiatives were deferred due to COVID. Activities in FY 2022 included radio system infrastructure upgrades, including antennas and site HVAC equipment, and an upgrade of the radio network backhaul. These initiatives have been started and are scheduled for completion in FY 2023.

A third-party consultant assisted in providing a radio hardware replacement strategy, which will be funded over 3 fiscal years from FY 2023 to FY 2025. Specific plans for FY 2023 include two radio system core upgrades, a replacement of all Fire Department mobile and portable radios, and infrastructure upgrades including replacement of antennas at the George Washington Memorial radio site. Replacement of Police and Sheriff radios is scheduled for FY 2024 and FY 2025 along with other infrastructure upgrades including antenna replacement at the Aspen and Watergate radio sites.

### EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

DHS Office of Emergency Communications, "Guidelines for Encryption in Land Mobile Radio Systems", September 2013;  
National Capital Region Strategic Interoperable Encryption Plan, Approved by Police Chief's Committee April 28th, 2013;

### ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## STATE CODE AND CITY CHARTER

## State Code

Sec. 58.785.1: Requires that the local tax rate must be adopted by June 30, but after April 15.

## City Charter

## General Provisions

Sec. 3.04 (b): The City Council shall have the power to adopt the budget of the City.

Sec. 4.02 (c): The City Manager shall have the power and shall be required to prepare and submit the annual budget to the City Council as provided in the Charter, and shall be responsible for its administration.

Sec. 5.05 : Work programs, allotments. Before the beginning of the budget year, the head of each office, department or agency shall submit to the Director of Finance, at such time as may be set by him, a work program for the year, which program shall show the requested allotments of the appropriations for such office, department or agency, for such periods as may be designated by the City Manager, for the entire budget year. The City Manager shall review the requested allotments and may revise, alter or change such allotments Before approving the same. The aggregate of such allotments shall not exceed the total appropriation available to said office, department or agency for the budget year.

Sec. 5.06: Allotments constitute basis of expenditures and are subject to revision. The Director of Finance shall Authorize all expenditures for the offices, departments and agencies to be made from appropriations on the basis An approved allotments and not otherwise. An approved allotment may be revised during the budget year in the same manner as the original allotment was made. If, at any time during the budget year, the City Manager shall ascertain that the available income, plus balances, for the year will be less that the total appropriations, he shall Reconsider the work programs and allotments of the several offices, departments and agencies and revise the allotments so as to prevent the making of expenditures in excess of the said income.

Sec. 5.07: Transfer of appropriations. The City Manager may at any time transfer any unencumbered appropriation balance or portion thereof within the accounts of an office, department or agency. The Council when advised of The details by the City Manager may be duly docketed resolution transfer any unencumbered appropriation balance or portion thereof form one office, department or agency to another. (Acts 1968, ch. 510, Sec. 1)

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY CHARTER

Sec. 6.03: Each department head, the judges of the courts, each board or commission, and any other office or agency supported by the City, is required to file with the City Manager, at the prescribed time, all estimates of revenue and expenditure for the ensuing fiscal year. Such estimates shall be submitted on forms furnished by the finance director and all information required by the City Manager is to be submitted thereon. The City Manager shall hold staff hearings to review and revise these estimates as (s)he may deem advisable.

Sec. 6.05: In no event shall the expenditures recommended by the City Manager in the general budget exceed the receipts estimated, taking into account the estimated cash surplus or deficit at the end of the current fiscal year, unless property assessments have been raised or unless the City Manager shall recommend an increase in the rate of ad valorem taxes on real estate and tangible personal property or other new or increased taxes, licenses or other sources. Receipts from increased taxes, licenses or other sources shall be estimated on the basis of the average rate of increased collections during the preceding two fiscal years except in instances in which the City Manager submits, as a part of the budget, a written statement explaining any estimate that is made on some other basis. Receipts from new taxes, licenses or other sources shall be estimated on information available for other cities, the State of Virginia or other states, the federal government or other appropriate sources. If estimated receipts exceed estimated expenditures, the City Manager may recommend revisions in the tax, license or other ordinances of the City in order to bring the general fund budget into balance.

Sec. 6.08: The budget and budget message and all supporting schedules shall be a public record in the office of the City Manager, open to public inspection after the budget has been submitted to the Council and made public by it; provided, however, that no department or agency head, judge or board or commission, manager or director of finance shall divulge details of the proposed budget estimates until the budget has been submitted to the Council and made public by it.

Sec 6.08.1: The school board shall, prior to the time work has begun on the school budget, hold a public informational hearing to receive suggestions from the public concerning the school budget. The school board shall also hold a public hearing on its proposed budget prior to submitting it to the City Manager. The school board shall cause a notice of the time and place of each public hearing to be published in a newspaper of general circulation in the City at least seven days prior to the hearing. The school board shall also cause copies of the proposed budget to be available to the public at least seven days prior to the public hearing on the proposed budget. The school board may submit to the City Manager as its proposed budget the same proposed budget considered at the public hearing or it may, subsequent to said public hearing, submit a revised proposed budget.

**Responsibility of the City Manager for the Budget:**

Sec. 6.02: The City Manager is required to submit a general budget, a capital budget and an explanatory budget message in the form and with the contents provided by the Charter.

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY CHARTER

Sec. 6.04: The general budget shall contain:

- (a) An estimate of that portion of surplus cash remaining at the end of the fiscal year which is to be used in meeting expenditures in the general budget;
- (b) An estimate of receipts from current ad valorem taxes on real estate and personal property, and from all other sources;
- (c) A statement of debt service requirements;
- (d) An estimate of cash deficit, if any, at the end of the current fiscal year, and an estimate of obligations required by the Charter to be budgeted for the ensuing year; and,
- (e) An estimate of expenditures for all other purposes to be met in the coming fiscal year.

Sec. 6.05: In no event shall the expenditures recommended by the City Manager in the general budget exceed the receipts estimated, taking into account the estimated cash surplus or deficit at the end of the current fiscal year, unless property assessments have been raised or unless the City Manager shall recommend an increase in the rate of ad valorem taxes on real estate and tangible personal property or other new or increased taxes, licenses or other sources.

Sec. 6.06: The explanatory budget message shall contain an outline of the proposed financial policies of the City for the budget year and a description of the important features of the budget plan. Major policy changes are to be explained and reasons for salient changes in cost and revenue items from the previous year are to be indicated. A statement of pending capital projects and proposed new projects, with proposed financing plans, shall be included.

Sec. 6.07: At the same time that the City Manager submits a general budget (s)he may also submit a general appropriation ordinance and those additional tax ordinances as may be required to balance the Proposed budget.

Sec. 6.14: The capital budget is a budget of the proposed capital improvements projects for the ensuing fiscal year and for five years thereafter, with recommendations for financing the proposed improvements for the coming year.

Responsibility of the City Council for the Budget:

Sec. 6.09: At the meeting of the City Council at which the budget and budget message are submitted, the council shall determine the place and time (at least sixty days prior to the beginning of the budget year) of a public hearing on the budget, and shall publish a notice of said place and time, which shall not be less than seven days after the date of publication.

Sec. 6.10: All interested persons shall be given an opportunity to be heard at the public meeting for or against any of the estimates of any item of the budget.



## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY CHARTER

Sec. 6.11: After the conclusion of the public hearing the City Council may insert new items of expenditure or may increase, decrease or strike out items of expenditure in the general fund budget, except that no items or expenditures for debt service or other provision of law shall be reduced or stricken out. The City Council shall adopt a balanced budget, or adopt measures for providing additional revenues in the case that expenditures exceed revenues.

Sec. 6.12: The budget shall be adopted by the votes of at least a majority of Council not later than the 27th day of June. If the City Council has not taken final action on or before this date, the budget as submitted shall be deemed to have been finally adopted by the Council.

Sec. 6.13: An appropriation in addition to those contained in the general appropriation ordinance, except for the purpose of meeting a public emergency as provided for elsewhere in this charter, may be made by the Council, by not less than a majority affirmative vote of all members of Council, only if there is available in the general fund a sum unencumbered and unappropriated sufficient to meet such appropriation.

Sec. 6.14: The City Council shall hold at least one public hearing on the capital budget and shall take final action not later than twenty days after June 27, the date prescribed for the adoption of the general budget.

Sec. 6.15: The City Council may establish by ordinance a reserve fund for permanent public improvements and may appropriate thereto any portion of the general fund cash surplus not otherwise appropriated at the close of the fiscal year.

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

**ORDINANCE 4291: ESTABLISHING THE BUDGET AND FISCAL AFFAIRS ADVISORY COMMITTEE (BFAAC)****Ordinance 4291 - Adopted February 22, 2003,<sup>1</sup>  
Establishing the Budget and Fiscal Affairs Advisory Committee**

AN ORDINANCE to amend Chapter 4 (COMMITTEES, BOARDS AND COMMISSIONS), of Title 2 (GENERAL GOVERNMENT) of The Code of the City of Alexandria, Virginia, 1981, as amended, by adding thereto a new Article R (BUDGET AND FISCAL AFFAIRS ADVISORY COMMITTEE).

THE CITY COUNCIL OF ALEXANDRIA HEREBY ORDAINS:

Section 1. That Chapter 4 of Title 2 of The Code of the City of Alexandria, Virginia, 1981, as amended, be, and the same is hereby, amended by adding thereto a new Article R to read as follows:

**ARTICLE R****Budget and Fiscal Affairs Advisory Committee**

Sec. 2-4-130 Creation, composition, organization and term.

(a) The Budget and Fiscal Affairs Advisory Committee initially established by Resolution No. 1464, is hereby established by ordinance and designated as a standing committee known as the Budget and Fiscal Affairs Advisory Committee.

(b) The members of the committee shall be appointed by the City Council as follows:

- (1) seven members, one each of whom shall be designated by the mayor and members of city council;
- (2) three members appointed at-large in accordance with the provisions of section 2-4-7 of this code;
- (3) one member designated by the Alexandria School Board; and
- (4) two members designated by the Alexandria Chamber of Commerce.

(c) The members designated by the mayor and members of city council, the school board, or the chamber of commerce shall serve at the pleasure of the mayor, member of council, school board or chamber of commerce designating such person, and any vacancies in such positions shall be filled in the same manner as the original appointment. Members appointed at large shall serve for a term of two years, and vacancies and reappointments shall be handled in the manner prescribed in section 2-4-7 of this code.

<sup>1</sup>The Budget and Fiscal Affairs Advisory Committee was established July 2, 1985, by Resolution 1129. Resolution 1464 amended Resolution 1129 by adding two representative of the Chamber of Commerce to the committee. Resolution 1129 has been replaced by Ordinance 4291 as a result of Council action on February 22, 2003.

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY ORDINANCE: ESTABLISHING BFAAC

(d) All members of the committee shall:

- (1) by virtue of their education and employment in the public or private sector, have demonstrated competence in one or more of the following areas: accounting, financial analysis, budget and fiscal management, public finance, or urban economics;
- (2) be residents of and residing in the City of Alexandria at the time of appointment and continue to do so during the term of their appointment. The provisions of section 2-4-7(d) notwithstanding, this provision may not be waived; and
- (3) not be (i) a member of any other board or commission having one or more members appointed by the city council, or (ii) an employee of the city, the school board, the Alexandria Chamber of Commerce, or any agency of any such entity or organization.
- (4) declare to the committee their position as an officer or director of any entity or organization, and abstain from discussing, participating or voting on any matter before the committee, that directly relates to any appropriation or grant made or awarded by or through the city to the entity or organization of which the member is an officer or director.

Sec. 2-4-131 Functions, powers and duties; staff assistance.

(a) The functions, powers and duties of the committee shall be to advise and support the city council as to:

- (1) an examination of the city's budget procedures and process and ways of improving such procedures and process, including participation by the public therein;
- (2) the forecasting of future revenue and expenditure requirements and the effect on the several taxes and fees levied by the city and burden of taxation imposed on Alexandria citizens and business organizations;
- (3) an evaluation of the comparative tax, revenue and expenditure levels in Alexandria with those in neighboring jurisdictions and the effect of such differences on the ability of Alexandria to attract new residents and economic development; and
- (4) such other tasks as may be requested by the city council.

(b) Except as expressly provided in this article, the committee may adopt rules and regulations in regard to procedure and other matters for the conduct of its business, so long as the same are not inconsistent with the city code, including, but not limited to, the establishment of committees through which it may carry on its functions, duties and purpose.

(c) Subject to the availability of funds and staff, and recognizing that the city manager must give priority attention to requests from the city council, the city manager is authorized to provide such staff or other assistance to the committee as requested, and to make such information available to the committee as is available to the public generally.

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY ORDINANCE: ESTABLISHING BFAAC

Section 2. That no provision of this ordinance shall be deemed to affect the appointments or terms of the members of the Budget and Fiscal Affairs Advisory Committee in office on the effective date hereof.

Section 3. That Resolution No. 1464 be, and the same hereby is, rescinded.

Section 4. That this ordinance shall become effective upon the date and at the time of its final passage.



## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

RESOLUTION 3030: SETTING GUIDANCE FOR THE  
FY 2023 BUDGET

## RESOLUTION NO. 3030

**Setting Guidance for FY 2023 General Fund Operating Budget  
and Capital Improvement Program for FY 2023 to FY 2032**

**WHEREAS**, the City Council of Alexandria will pass a resolution establishing Council's process for formulating the Operating Budget and the Capital Improvement Program (CIP) and requires that City Council set budget guidance for the City Manager and the School Board for the FY 2023 budget after the new City Council is installed in January 2022; and

**WHEREAS**, the City will seek input into the development of the FY 2023 budget; and

**WHEREAS**, the City Council's budget deliberations and annual spending decisions should reflect a balancing of the goals articulated in the adopted FY 2017 to FY 2022 City's Strategic Plan (the "Strategic Plan") to be updated in calendar year 2022; and

**WHEREAS**, those services directly supporting the achievement of the City's strategic goals are considered for funding support; and

**WHEREAS**, the City Council on November 6, 2021 designated employee compensation priority for consideration in the FY 2023 Proposed Operating Budget; and

**WHEREAS**, additional priorities beyond those identified in the Strategic Plan have emerged since its adoption including recovery from the COVID-19 pandemic and related economic downturn, policing reform, and flood mitigation in response to climate change related increasingly intense and frequent major storm events; and

**WHEREAS**, the City Council is committed to continuously improving the efficiency and effectiveness of City government and expects the City Manager, City staff and all organizations that receive City budget dollars to focus on achieving service outcomes and providing programs that benefit the community and its residents; and

**WHEREAS**, the City Council is committed to the goal of continuing to provide core services expected of a municipal government including the provision and maintenance of the City's facilities and capital infrastructure; and

**WHEREAS**, the City Council will make budgetary changes that support maintaining the City's 'AAA'/'Aaa' bond ratings; and

**WHEREAS**, the City Council acknowledges that the resources required to achieve the goals of the Strategic Plan, various other adopted Strategic Plans and Master Plans, and other emerging priorities must be balanced with the tax responsibility placed upon residents and businesses; and

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

RESOLUTION 3030: SETTING GUIDANCE FOR THE  
FY 2023 BUDGET

**WHEREAS**, the City Council recognizes the need to measure the impact of programs and lines of business against expected outcomes, to deemphasize or eliminate programs that do not yield those outcomes desired, and to identify efficiencies wherever possible, to utilize Priority Based Budgeting to assist in setting budget priorities and funding level; and

**WHEREAS**, the City Council desires to emphasize a multi-year perspective for budget decision making and for long-range fiscal planning; and

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF  
ALEXANDRIA THE FOLLOWING:**

(a) **Operating and Capital Improvement Program Expenditures:** The City Manager shall propose for Council consideration (1) a proposed operating budget and 10-year Capital Improvement Program (CIP) that seeks to balance the need to continue priority services including the provision of fair and competitive employee compensation and the need for an affordable tax and fee burden which may include an increase in tax and/or fee rates and increases in operating and capital project expenditures to fund priority services, but may also include service reductions to provide funding for higher priority services and minimize any tax rate increase and; (2) the City Manager shall present two alternative budget scenarios: one that identifies further service reductions that would be recommended to balance the budget if the real estate tax rate remains at its current level, and a second that identifies the amount of revenue and real estate tax or other tax rate increases that would be required to fund additional capital project funding and future employee compensation increases beyond the proposed operating budget with few service reductions.

(b) **Two-Year Presentation of Operating Revenue/Expenditures:** The City Manager's proposed Operating Budget shall include estimates of all operating revenues and expenditures for the proposed Fiscal Year 2023 and the subsequent Fiscal Year 2024.

(c) **Taxes, Fees, Fines and Service Charges:** In funding the proposed budget, the City Manager may consider changes to tax rates, tax designations/reservations, fees/fines/service charges that are equitable, fair and administratively feasible provided that these proposals are observant of the constraints imposed by the Code of Virginia. Such changes can only be considered where they advance the priorities of the Council as stipulated in this resolution, through Legislative Sessions, adopted master plans and policies, or the Council Retreat and Work Sessions. Additionally, the City Manager shall present two alternative tax rate scenarios including one in which the real estate tax rate remains at its current level and one which identifies that amount of tax rate increases required to fund a budget with increased capital project funding and employee compensation increases and few service reductions.



## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

RESOLUTION 3030: SETTING GUIDANCE FOR THE  
FY 2023 BUDGET

(d) **Cost Saving Measures:** The City Manager shall, in the proposed operating budget and two alternative scenarios, continually identify and propose cost saving measures and efficiencies in all City operations and consider reduction of service levels where the performance exceeds the level required by the community, where the current level of service is not a strategic priority, or where performance, over time, has not achieved the desired outcomes.

(e) **Use of Surplus:** The City Manager may recommend use of prior-year surplus funds first to ensure that the Capital Improvement Program includes sufficient cash capital funding, then to address one-time or manageable ongoing costs that positively impact expected goals.

(f) **CIP:** The proposed FY 2023 through 2032 CIP shall incorporate the following:

1. Compliance with the City's adopted Debt Related Financial Policy Guidelines for any debt issuance planned for FY 2023 through FY 2032;
2. Consistency with the City's adopted cash capital investment policy of a General Fund cash capital transfer of no less than 2.0% with the goal of funding the FY 2023 General Fund cash capital reflected at least at the level in the current adopted CIP;
3. The optional use, as determined by the City Manager, of an additional General Fund operating budget surplus from FY 2022, if any, as commitment for capital projects in FY 2023 and beyond;
4. Specific descriptions of projects that can be funded within recommended levels of funding, their associated operating costs, estimated for all years of the CIP, and a description of the criteria used to prioritize the projects as recommended by the Budget and Fiscal Affairs Advisory Committee (BFAAC);
5. Proposed funding for City and ACPS facility projects based in part on the recommendations of the Ad Hoc Joint City-Schools Facility Investment Task Force.

(g) **ACPS Funding:** That (1) the City Manager shall recommend Alexandria City Public Schools combined operating transfer and debt service funding that funds the debt service increase required to fund the High School project, the Douglas MacArthur project, and the new school building at 1703 North Beauregard and an operating transfer that funds the operating cost increases associated with the Douglas MacArthur and North Beauregard projects and enrollment changes while balancing the need for an affordable tax and fee burden, (2) the Alexandria City Public Schools is requested by City Council to articulate in general categories and prioritize any City FY 2023 appropriation requests above the current amount, (3) the City Manager shall develop options for potential funding of proposed public school capital needs for the FY 2023 through FY 2032 time period taking under advisement the recommendations of the Ad Hoc Joint City-Schools Facility Investment Task Force, and (4) the City Manager shall recommend ACPS capital project debt service in the FY 2023 proposed budget and include such amount as a separate element of the total recommended FY 2023 budget for the ACPS.

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

RESOLUTION 3030: SETTING GUIDANCE FOR THE  
FY 2023 BUDGET

(h) **Outside Agencies:** Organizations outside the City government that receive funding support from the City must demonstrate an alignment of their efforts with accomplishments of the City's strategic objectives. In cases where there is discretion over the level of funding, organizations external to the City government must demonstrate the purpose, benefits outcomes, and consequence of City funding.

(i) **Federal Funding Proposal:** The City Manager's proposed budget should include recommendations for the use of the second tranche of American Rescue Plan Act funding to be received in May 2022 and the Infrastructure Investment and Jobs Act that is in compliance with federal requirements for the use of such funding and consistent with recent City Council actions, approved priorities and applicable budget guidance.

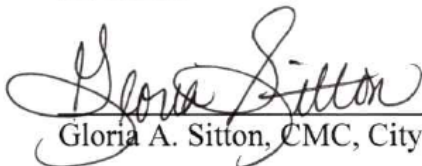
(j) **Civic Engagement:** As part of the proposed budget development process, staff should seek public input on the priorities used to formulate the budget through the combination of a community survey and a budget town hall meeting to be held prior to the City Manager's final decision making for and presentation of the proposed budget and CIP.

Adopted: November 9, 2021



JUSTIN M. WILSON MAYOR

ATTEST:



Gloria A. Sitton, CMC, City Clerk



## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

RESOLUTION 3046: ESTABLISHING THE PROCESS TO BE USED FOR  
FY 2023 BUDGET ADOPTION**RESOLUTION NO. 3046****Budget Resolution Establishing the Process to be Used to Adopt the FY 2023 Operating Budget and the FY 2023 to FY 2032 Capital Improvement Program**

**WHEREAS**, the Alexandria City Council wishes to establish policies to guide upcoming budget deliberations to ensure responsible actions with current economic resources; and

**WHEREAS**, resolutions No. 2088, 2150, 2166, 2256, 2368, 2587, 2653, 2747, 2796, 2858, 2915 and 2966 previously adopted by City Council have now expired, or will soon expire; and

**WHEREAS**, City Council believes that flexibility is needed for both the preparation and evaluation of expense items as well as with regard to diversifying the sources of revenue available to fund the General Fund Operating Budget; and

**WHEREAS**, City Council's deliberations on the budget each year reflect a balancing of the needs of the community with the community's ability to afford services to meet those needs; and

**WHEREAS**, City Council desires to provide the core services expected of a municipal government and to continue to provide quality services and facilities for the residents and businesses of Alexandria, but understands that economic reality will require significant trade-offs between services and revenues; and

**WHEREAS**, City Council is committed to managing the cost of City General Fund operating and capital expenditures in order to properly balance the tax burden placed on the community; and

**WHEREAS**, City Council is committed to achieving the vision and strategic goals, long term outcomes, objectives, and initiatives as outlined in the City Council's Strategic Plan; and

**WHEREAS**, City Council desires to allow for a thoughtful and deliberate budget process given the budget's complexity and importance;

**NOW, THEREFORE, BE IT RESOLVED** by the Council of the City of Alexandria, Virginia, that the Council shall, for the purposes of consideration of the Budget for the City of Alexandria, adopt this resolution and adhere to the following rules of procedure:

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

RESOLUTION 3046: ESTABLISHING THE PROCESS TO BE USED FOR  
FY 2023 BUDGET ADOPTION**Section (a) The City Manager's Budget Submission to City Council and the Setting of Budget Guidance by City Council**

(1) That the City Manager shall plan and prepare the proposed Operating Budget and proposed ten-year Capital Improvement Program and that such preparations shall include those programs and resources necessary to achieve the City Council Strategic Plan.

(2) That the City Manager shall present to City Council a preliminary forecast and outlook for (a) revenues and (b) expenditures necessary to maintain existing services and policies (including the City Manager's forecast of cash capital and debt service costs related to the most recently approved Capital Improvement Program).

(3) That City Council shall direct that the City Manager prepare a budget resolution to be adopted by City Council to guide the preparation of the upcoming Operating Budget and next Capital Improvement Program.

(4) That the City Manager shall submit a proposed Operating Budget and Capital Improvement Program to the City. Such budget shall meet any guidance for General Fund revenues and expenditures established by City Council and should include no more than one percent of unreserved fund balance.

**Section (b) The Budget Submission to City Council by the Alexandria Public Schools (ACPS)**

(5) That the Alexandria City School System (ACPS) shall separately present to City Council, but in a format coordinated with the City Manager, its preliminary forecast and outlook for (a) expenditures necessary to maintain appropriate services and policies, (b) the outlook for additional requests for Schools operating in the upcoming fiscal year and capital needs through the upcoming fiscal year and the succeeding 9 years, (c) projected ACPS capital related debt service for the upcoming fiscal year, (d) the outlook for possible budget reductions and increases in fees, fines and charges for services, (e) the outlook for Federal and State grants, and the costs of meeting unfunded Federal and State mandates, both current mandates and projected new mandates.

(6) That the Board of the Alexandria City Public Schools is requested to adopt a Capital Improvement Program no later than December 16, 2021 and an Operating Budget no later than February 10, 2022 so that any request may be considered by City Council in parallel with the City Manager's proposed operating budget and Capital Improvement Program. If the ACPS budget request exceeds or otherwise does not comply with any guidance regarding fiscal limitation provided by City Council to ACPS, then ACPS shall clearly identify what operating programs and activities would be funded if additional funding were provided.



## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

**RESOLUTION 3046: ESTABLISHING THE PROCESS TO BE USED FOR  
FY 2023 BUDGET ADOPTION****Section (c) Actions of City Council Concerning the Budget Submissions of the City Manager  
and the Alexandria Public Schools (ACPS)**

(7) That as part of a preliminary forecast of assessments and expenditures provided by the City Manager, City Council will consider this information and any other relevant information available to it at that time including the comments of residents provided via a public hearing or other public input opportunities.

(8) That the Council shall hold a budget public hearing on the City Manager's proposed budget in the month following the budget submission by the City Manager and should reserve time for public comment at the scheduled April Public Hearing once the Preliminary Add/Delete list of City Council Budget Proposals and technical adjustments by the Office of Management and Budget has become available and distributed to the community. Any additional public hearing shall not conflict with or serve in place of a public hearing regarding the establishment of an effective tax rate as required by the Code of Virginia.

(9) That Council directs City staff to organize at least one virtual public meeting to present the budget to interested residents and solicit input. Additionally, City staff shall provide an opportunity for residents and organizations to submit written budget comments to the Council in lieu of or in addition to participation in public meetings.

(10) That Council directs City staff to prepare motions for adoption of the Operating Budget and Capital Improvement Program and a summary of decisions made in the Final Add/Delete work session following the work session. Those motions and the summary of final decisions shall be released for public review no later than 24 hours prior to the scheduled adoption.

(11) That City Council shall consider these proposals and endeavor to enact an Operating Budget and Capital Improvement Program that balance the needs of the community with the community's desire and ability to pay for services to meet those needs.

(12) That City Council plans to adopt such a budget resolution.

**Section (d) Proposed Budget for the City of Alexandria**

(13) For purposes of this resolution, the proposed budget of revenue rates and expenditure levels for the fiscal year shall be that proposed by the City Manager.

(14) For purposes of this resolution, the Office of Management and Budget shall provide revenue and/or expenditure projections for any motion or amendment that could affect the proposed budget specified in Section (a) (2).

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

**RESOLUTION 3046: ESTABLISHING THE PROCESS TO BE USED FOR  
FY 2023 BUDGET ADOPTION****Section (e) Maximum Expenditure Levels May Not Exceed Sum of Projected Revenue and  
Appropriation from Fund Balance in Proposed Budget**

(15) It shall not be in order in the Alexandria City Council to consider any motion or amendment to the proposed budget of the City of Alexandria if:

(i) there has not been a Budget Memo or formal information request submitted that relates to the specific item proposed for consideration or a Council discussion of the proposal during a budget work-session or public hearing has not occurred; and

(ii) any such motion or amendment that has the effect of increasing any specific budget expenditures proposed by the City Manager or would have the effect of reducing any specific revenue proposed by the City Manager unless such motion or amendment provides for a specific offset of either expenditure or revenue and ensures the maintenance of the fiscal balance of the proposed budget; and

(iii) such motion or amendment is not provided in the form of a City Council budget proposal submitted to the Office of Management and Budget (OMB) or an OMB technical adjustment at least 20 days prior to the adoption of the budget in accordance with the FY 2023 Rules of Engagement for the Add/Delete Process.

(16) In the Alexandria City Council, any appropriation from the Fund Balance or any like account beyond that proposed in the Manager's proposed budget shall require an affirmative vote of five Council Members.

**Section (f) Actions of City Council Concerning the Add/Delete Process**

(17) The City Council shall adhere to the following Add/Delete Rules of Engagement for amending and adopting the final budget. These Rules of Engagement were first adopted for use during the FY 2016 budget process and continued in each of the subsequent budget processes:

(i) Continue use of the add/delete spreadsheet that was produced by OMB prior to the FY 2016 budget process and reintroduced in the FY 2017 budget process.

(ii) A City Council Budget Proposal form will be required in order to add or delete anything from the City Manager's Proposed Budget. The form will require the following prior to Council consideration:

1. Additional information related to how the change advances the Council's goals/priorities.
2. Additional information related to how the change impacts the performance of that program, service or goal.



## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

RESOLUTION 3046: ESTABLISHING THE PROCESS TO BE USED FOR  
FY 2023 BUDGET ADOPTION

3. The support of at least 3 of 7 Council members (the original sponsor and two co-sponsors).
  4. Must be accompanied by an add/delete spreadsheet prepared by the Council member or OMB in which the sum of the individual Council member's adds and deletes, including the items originally sponsored by that member and those co-sponsored by that member, are in balance or produce a revenue surplus.
  5. Any add/delete proposal requiring a change to a City Ordinance or requiring a new ordinance must be submitted to staff eight days prior to the first legislative meeting in April in order for the item to be introduced and docketed for the April public hearing [For FY 2023, March 28]
- (iii) The completed City Council Budget Proposal form must be returned to the Office of Management & Budget (OMB), with each of the steps from #2 above completed, at least 20 days prior to the adoption of the budget [for FY 2023, April 14].
- (iv) City Council will hold a second budget public hearing to receive feedback on the preliminary add/delete items submitted by City Council Members [for FY 2023, April 23].
- (v) A combined list of all City Council Budget Proposals that meet the criteria in #2, any technical adjustments from OMB, and any City Manager recommended changes, will be provided and discussed at the 2<sup>nd</sup> Legislative Meeting in April [for FY 2023, April 26].
- (vi) Council will work with OMB to refine/develop funding figures based on the proposals submitted, to be completed 7 days prior to budget adoption [for FY 2023, April 27].
- (vii) Completed Council Budget Proposals, with funding, will be circulated to Council and the public the Friday prior to budget adoption [for FY 2023, April 29].
- (viii) City Council will be required to keep the budget in balance once all decisions are made.
- (ix) Budget Adoption will occur on May 4, 2022 with all City Council Budget Proposals, those approved and those not approved, made public upon adoption of the budget.

CITY OF ALEXANDRIA, VIRGINIA

# Legislative References



## RESOLUTION 3046: ESTABLISHING THE PROCESS TO BE USED FOR FY 2023 BUDGET ADOPTION

**Section (g) Expiration – The provisions of this resolution shall expire on June 30, 2022.**

Adopted: January 11, 2022

  
\_\_\_\_\_  
**JUSTIN M. WILSON MAYOR**

ATTEST:

  
\_\_\_\_\_  
Gloria A. Sifton, CMC City Clerk

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

RESOLUTION 2974: ALL ALEXANDRIA: COMMITTING TO RACE  
AND SOCIAL EQUITY**RESOLUTION NO. 2974****All Alexandria: Committing to Race and Social Equity**

**WHEREAS**, Alexandria's history mirrors our country's past and is built upon a foundation of interpersonal and systemic racism; and

**WHEREAS**, Alexandria acknowledges that the shoreline of the Potomac River where Alexandria is located today has been a lush and resourceful home for centuries to Indigenous Peoples of the Conoy paramount chiefdom and the nearby Powhatan paramount chiefdom, long before the modern community was founded; and

**WHEREAS**, Indigenous Peoples are the original victims of physical violence and oppression through forced removal and illegal confiscation of their native lands for the purposes of settlement and colonization by European settlers, which laid the foundation for the dehumanization and systemic discrimination of other human beings of color; and

**WHEREAS**, Alexandria acknowledges its part in the domestic slave trade, and as a place of refuge for thousands escaping the bondage of forced enslavement during the Civil War, and as a home of Jim Crow, where two known lynchings of African American teenagers Joseph McCoy and Benjamin Thomas in 1897 and 1899 respectively occurred, and a City that resisted peaceful efforts by African Americans to open public facilities to *ALL Alexandrians*; and

**WHEREAS**, Alexandria has continued to evolve into a diverse community of over 145 nationalities and ethnic backgrounds, this legacy of racial oppression and white supremacy resulted in inequitable practices and policies and created systemic marginalization, particularly of People of Color, that still impacts our community. Alexandria's Indigenous, Black, Latino, Asian, multi-racial, multi-ethnic and immigrant communities continue to experience disparate outcomes across all measures of wellbeing; and

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

RESOLUTION 2974: ALL ALEXANDRIA: COMMITTING TO RACE  
AND SOCIAL EQUITY

**WHEREAS**, systemic and institutional racism are the conduit by which other forms of oppression, ableism, ageism, sexism, homophobia, transphobia, xenophobia take root; and

**WHEREAS**, people who live, work and visit in Alexandria today continue to experience bias, discrimination, and unequal outcomes and/or treatment in every field and sector including but not limited to government, housing, employment, environment, wealth, healthcare, education, transportation, the legal system; and

**WHEREAS**, today Alexandria recognizes, acknowledges and is atoning for its past actions and policies that excluded, targeted, or oppressed people due to their color, race, national origin, ancestry, gender, gender identity, age, ethnicity, religion, ability, culture, sexual orientation, ethnicity, language; and

**WHEREAS**, every Alexandrian must reckon with the City's historical past as well as our explicit and implicit involvement and contributions to the institution of American slavery and the subsequent and deeply rooted racial inequities of today; and

**WHEREAS**, Alexandria must act deliberately, thoughtfully and thoroughly to end racial injustices and structural inequities by frank examination and fair and just inclusion for *ALL Alexandrians*; and

**WHEREAS**, Alexandria recognizes that meaningful community involvement, input and investment is both desired and necessary to identify, explore, develop and implement policies, measures, and accountability in the pursuit of fair and equitable outcomes for *ALL Alexandria*; and

**WHEREAS**, Alexandria recognizes a shared community with the Alexandria City Public Schools and the urgent need to align our movements around race and social equity; and

**WHEREAS**, community-centered, community-driven strategies and solutions can provide valuable and innovative partnerships and create lasting change; and



## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

RESOLUTION 2974: ALL ALEXANDRIA: COMMITTING TO RACE  
AND SOCIAL EQUITY

**WHEREAS**, through engaging in holistic restorative justice work, *ALL Alexandria* can begin healing from generations of racial trauma; and

**WHEREAS**, we seek and embrace a multi-racial, anti-racist, intersectional, intergenerational, community where *ALL Alexandrians* truly thrive; and

**WHEREAS**, the emerging diversity of our community is our strength and is to be uplifted, while our inclusivity must be genuine and codified for the betterment of *ALL Alexandrians*.

**WHEREAS**, we recognize ourselves as one interconnected, interdependent human family that celebrates and honors the diversity of *ALL Alexandrians*; and

**WHEREAS**, we invite our entire community to work in collaboration with the City to achieve this vision for *ALL Alexandria*.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL  
OF ALEXANDRIA, VIRGINIA THAT:**

1) Ensure that race and social equity is incorporated and centered in all planning, including:

- a. Center race and equity throughout the forthcoming FY 2022-FY 2027 Strategic Plan and departmental strategic planning processes;
- b. Establish specific, measurable, attainable, relevant time-based (SMART) goals race and social equity action plans for City departments;
- c. Incorporate race and social equity into all staff and leadership talent management programs;
- d. Establish, strengthen and maintain key partnerships with the Alexandria City Public Schools, other public entities serving our community, community-based, non-profit, and faith-based organizations, and businesses in Alexandria to advance racial equity;

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

RESOLUTION 2974: ALL ALEXANDRIA: COMMITTING TO RACE  
AND SOCIAL EQUITY

## 2) Implement and sustain structures and systems to advance race and social equity, including:

- a. Adopt and promote practices and policies centered on creating and ensuring racial and social equity through the use of a racial equity tool;
- b. Conduct race and social equity trainings for City Council, City staff and City boards and commissions;
- c. Create authentic community engagement best practices for use in evaluating City actions from creation to implementation;
- d. Maintain membership and active participation in the Government Alliance on Race and Equity (GARE) and Metropolitan Washington Council of Governments (MWCOG) Racial Equity Work Group and newly established Chief Equity Officers Committee;

## 3) Align and implement policy efforts designed to advance race and social equity goals, including:

- a. Incorporate greatly expanded language access into more City of Alexandria communications and platforms;
- b. Reduce and eliminate racial and social inequities in the allocation of City resources through the use of a budget equity tool which may entail the adjustment of budgets and funding reallocation;
- c. Present City Council with a Racial and Social Equity Action Plan, consisting of specific policy initiatives to advance the City's racial equity goals, informed by additional community engagement;

## 4) Ensure accountability mechanisms related to the progression and transparency of work to advance race and social equity, including:

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

RESOLUTION 2974: ALL ALEXANDRIA: COMMITTING TO RACE  
AND SOCIAL EQUITY

- a. Develop equity data mechanisms, including equity indicators, equity mapping, and dashboards to transparently monitor, share, view and inform policy decisions that purposefully work toward reducing and eliminating disparities;
- b. Develop quarterly listen and learn sessions, under the direction of the Race and Social Equity Officer, to establish ongoing conversation with the community to understand their most pressing issues and to normalize the key concepts of race, social equity and government through collective learning opportunities.

Adopted: January 23, 2021

  
JUSTIN M. WILSON MAYOR

ATTEST:

  
Gloria A. Sitton, CMC City Clerk

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## ORDINANCE 5288: AN ORDINANCE TO ENSURE THE CONTINUITY OF THE CITY GOVERNMENT

## ORDINANCE NO. 5288

**AN ORDINANCE TO ENSURE THE CONTINUITY OF THE CITY GOVERNMENT, IMPLEMENTING EMERGENCY PROCEDURES, MODIFYING PUBLIC MEETING REQUIREMENTS AND PUBLIC PRACTICES AND PROCEDURES IN ORDER TO ADDRESS CONTINUITY OF OPERATIONS ASSOCIATED WITH THE COVID-19 PANDEMIC DISASTER**

**WHEREAS**, on March 12, 2020, Governor Ralph S. Northam issued Executive Order Fifty-One declaring a state of emergency for the Commonwealth of Virginia arising from the novel Coronavirus (COVID-19) pandemic; and

**WHEREAS**, Executive Order Fifty-One acknowledged the existence of a public health emergency which constitutes a disaster as defined by Virginia Code § 44-146.16 arising from the public health threat presented by a communicable disease anticipated to spread; and

**WHEREAS**, Executive Order Fifty-One ordered implementation of the Commonwealth of Virginia Emergency Operations Plan, activation of the Virginia Emergency Operations Center to provide assistance to local governments, and authorization for executive branch agencies to waive "any state requirement or regulation" as appropriate; and

**WHEREAS**, Governor Northam has issued several Executive Orders since Executive Order Fifty-One addressing the many challenges posed by the COVID-19 pandemic; and

**WHEREAS**, on March 13, 2020, the President of the United States declared a national emergency, beginning March 1, 2020, in response to the spread of COVID-19; and

**WHEREAS**, on March 11, 2020, the World Health Organization declared the COVID-19 outbreak a pandemic; and

**WHEREAS**, on March 14, 2020, effective at 5:00 p.m. and extending through June 10, 2020, at 5:00 p.m., or as may be amended by the City Council (~~the "Emergency Period"~~), the City Manager, in his capacity as Director of Emergency Management, issued a Declaration of Local Emergency (the "City Declaration") applicable throughout the entire City of Alexandria, Virginia (the "City"), pursuant to authority granted pursuant to City Code Section 4-3-5, Virginia Code Sections 44-146.21 and 15.2-1413, which City Declaration was unanimously consented to by the City Council on March 14, 2020, pursuant to City Resolution No.2928, as required by applicable law; on June 9, 2020, the City Manager extended such Declaration of Local Emergency through September 30, 2020 which extension was unanimously consented to by the



## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## ORDINANCE 5288: AN ORDINANCE TO ENSURE THE CONTINUITY OF THE CITY GOVERNMENT

City Council on June 9, 2020 pursuant to Resolution No. 2928\_as required by applicable law (the "Emergency Period"); and

**WHEREAS**, the City Council finds that COVID-19 constitutes a real and substantial threat to public health and safety and constitutes a "disaster" as defined by Virginia Code §44-146.16 being a "communicable disease of public health threat;" and

**WHEREAS**, Virginia Code § 15.2-1413 provides that, notwithstanding any contrary provision of law, a locality may, by ordinance, provide a method to assure continuity of government in the event of a disaster for a period not to exceed six months; and

**WHEREAS**, Virginia Code § 44-146.21(C) further provides that a local director of emergency management or any member of a governing body in his absence may upon the declaration of a local emergency "proceed without regard to time-consuming procedures and formalities prescribed by law (except mandatory constitutional requirements) pertaining to performance of public work;" and

**WHEREAS**, Virginia Code § 2.2-3708.2(A)(3) allows, under certain procedural requirements including public notice and access, that members of the City Council may convene solely by electronic means "to address the emergency;" and

**WHEREAS**, the open public meeting requirements of the Virginia Freedom of Information Act ("FOIA") are limited only by a properly claimed exemption provided under that Act or "any other statute;" and

**WHEREAS**, the Attorney General of Virginia issued an opinion dated March 20, 2020 stating that localities have the authority during disasters to adopt ordinances to ensure the continuity of government; and

**WHEREAS**, this ordinance in response to the disaster caused by the COVID-19 pandemic promotes public health, safety and welfare and is consistent with the law of the Commonwealth of Virginia, the Constitution of Virginia and the Constitution of the United States of America.

**NOW THEREFORE, THE CITY COUNCIL OF ALEXANDRIA HEREBY ORDAINS:**

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## ORDINANCE 5288: AN ORDINANCE TO ENSURE THE CONTINUITY OF THE CITY GOVERNMENT

1. That the COVID-19 pandemic makes it unsafe to assemble in one location a quorum for public bodies including the City Council, the School Board, the Planning Commission and all local and regional boards, commissions, committees and authorities created by the City Council, or on which the City Council has a member, or to which the City Council appoints all or a portion of its members (collectively "Public Entities" and individually "Public Entity"), or for such Public Entities to conduct meetings in accordance with normal practices and procedures.
2. That in accordance with Virginia Code § 15.2-1413, and notwithstanding any contrary provision of law, general or special, the following emergency procedures are adopted to ensure the continuity of government during this emergency and disaster:
  - a. Any meeting or activities which require the physical presence of members of the Public Entities may be held through real time electronic means (including audio, telephonic, video or other practical electronic medium) without a quorum physically present in one location and any City of Alexandria appointee, designee, or representative to such Public Entities are authorized to participate in such meeting electronically ; and
  - b. The docket items to be discussed at such electronic meetings shall be limited to those topics 1) necessary for the continuity of the government; 2) authorized pursuant to Section 2.2-3708.2(A)(3) of the Code of Virginia; or 3) authorized pursuant to any other authority the Commonwealth may provide to localities for electronic meetings without a quorum physically assembled after this ordinance is adopted; and
  - c. Prior to holding any such electronic meeting, except for emergency meetings, the Public Entity shall provide public notice of at least three days in advance of the electronic meeting identifying how the public may participate or otherwise offer comment; and
  - d. Any such electronic meeting of Public Entities shall state on its agenda and at the beginning of such meeting that it is being held pursuant to and in compliance with this Ordinance; identify Public Entity members physically and/or electronically present; identify the persons responsible for receiving public comment; and identify

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

ORDINANCE 5288: AN ORDINANCE TO ENSURE THE CONTINUITY  
OF THE CITY GOVERNMENT

notice of the opportunities for the public to access and participate in such electronic meeting; and

- e. Any such electronic meeting of the Public Entities shall be open to electronic participation by the public and closed to in-person participation by the public; and
- f. For any matters requiring a public hearing, public comment may be solicited by electronic means in advance and shall also be solicited through telephonic or other electronic means during the course of the electronic meeting. All such public comments will be provided to members of the Public Entity at or before the electronic meeting and made part of the record for such meeting; and
- g. The minutes of all electronic meeting shall conform to the requirements of law, identify how the meeting was conducted, members participating, and specify what actions were taken at the meeting. The Public Entities may approve minutes of an electronic meeting at a subsequent electronic meeting and shall later approve all such minutes at a regular or special meeting after the emergency and disaster has ended.

**IT IS FURTHER ORDAINED** that notwithstanding any provision of law, regulation or policy to the contrary, any deadlines requiring action by a Public Entity, its officers (including Constitutional Officers) and employees of its organization shall be suspended during this emergency and disaster, however, the Public Entities, officers and employees thereof are encouraged to take such action as is practical and appropriate to meet those deadlines. Failure to meet any such deadlines shall not constitute a default, violation, approval, recommendation or otherwise.

**IT IS FURTHER ORDAINED**, that non-emergency public hearings and action items of Public Entities may be postponed to a date certain provided that public notice is given so that the public are aware of how and when to present their views.

**IT IS FURTHER ORDAINED**, that for any appointments made by the City Council to boards and commissions established in the City Code that may expire during the Emergency Period, the current appointee in the expiring position shall continue to hold office until his/her successor is appointed and qualified.



## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References

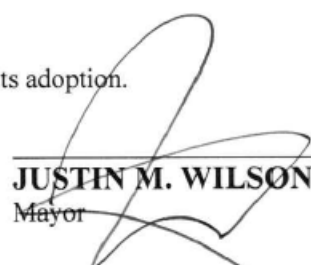
ORDINANCE 5288: AN ORDINANCE TO ENSURE THE CONTINUITY  
OF THE CITY GOVERNMENT

**IT IS FURTHER ORDAINED**, that the City's Director of Emergency Management may take any of the following actions on a temporary basis in order to properly allocate City resources, ensure the safety of the public, and address impacts to the business community by the emergency: (1) waive or reduce fees or penalty or interest imposed by any City ordinance; (2) waive enforcement, in whole or in part, of any City ordinance; or (3) modify, limit, waive, suspend, or amend any City program, service, function, process, or procedure, unless prohibited by State or Federal law. The Director must apply the action uniformly for similar situations and not on a case-by-case basis. The Director's actions taken pursuant to this paragraph will be effective only until the next regular meeting of the City Council, at which time the Council may ratify and extend the time for which the Director's action remains in effect; and

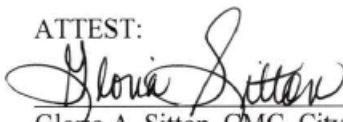
**IT IS FURTHER ORDAINED**, that the provisions of this Ordinance shall remain in full force and effect for six (6) months from the date of the termination of the Emergency Period, unless sooner rescinded by the City Council. Upon rescission by the City Council or automatic expiration as described herein, this ordinance shall terminate and normal practices and procedures of government shall resume.

Nothing in this Ordinance shall prohibit Public Entities from holding in-person public meetings provided that public health and safety measures as well as social distancing are taken into consideration.

That this ordinance shall be effective upon its adoption.

  
**JUSTIN M. WILSON**  
Mayor

ATTEST:

  
Gloria A. Sitton, OMC City Clerk

Introduction: June 9, 2020  
First Reading: June 9, 2020  
Publication: June 11, 2020  
Public Hearing: June 20, 2020  
Second Reading: June 20, 2020  
Final Passage: June 20, 2020



## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## REDUCTION IN FORCE (RIF) ADMINISTRATIVE REGULATION 6-22

## Supersedes:

A.R. 6-22 dated January 18, 2012

## Title:

Reduction in Force

## Number: 6-22

Effective Date: February 20, 2014

## Related Documents:

Sections: I-XIII

## Policy Comparison

Chapter: Human Resources

**I. AUTHORITY**

The authority for this Administrative Regulation is contained in the City Charter and City Code sections authorizing the City Manager to establish administrative procedures for the direction, supervision and coordination of personnel within the administrative branch of City government.

**II. PURPOSE**

This Administrative Regulation establishes the policy and procedure for the conduct of a Reduction-in-Force (RIF) of the employees of the City of Alexandria.

**III. POLICY**

- A. The City of Alexandria will implement a Reduction-in-Force only when such action is required by an identified service reduction. A service reduction may be the result:
  - 1. A policy decision by the City Council or City Manager,
  - 2. A change in a work program or service within a department,
  - 3. A technological change or advancement that impacts work force needs, or
  - 4. A funding shortfall.
- B. A Reduction-in-Force is to be accomplished in a way which will reduce adverse effects on employees to the greatest extent which is reasonable under the circumstances, and in a manner consistent with the City's commitment to diversity.
- C. Regular full and part-time employees are covered by this procedure. Employees who are temporary, seasonal, state, independent contractors and grant-funded employees whose term or funds have expired are not covered by these procedures.

**IV. REDUCTION IN FORCE PROCEDURE**

- A. Department Head will recommend to the Human Resources Director the specific positions to be eliminated.
- B. The Human Resources Director, in concert with the Director of Management and Budget, will forward recommendations with appropriate comments to the City Manager.
- C. Upon the approval of the City Manager, the Human Resources Director will be responsible for the implementation of the Reduction-in-Force order.
- D. The following procedures will be followed unless an exception is made by the City Manager:
  - 1. Upon receipt of the determination by the City Manager to implement the Reduction-in-Force, the Human Resources Director will place on hold current advertising and selection for positions or job classes indicated in the RIF order.
  - 2. The Human Resources Director will issue a written separation notice to employees affected by a RIF as soon as practicable upon receipt of the RIF order but at least thirty (30) days prior to separation.
  - 3. Human Resources staff must assist employees subject to a RIF to apply for positions which are vacant and approved for hire by the Office of Management and Budget. The ability of the employee to perform the work assignment will be assessed in the application process.

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## REDUCTION IN FORCE (RIF) ADMINISTRATIVE REGULATION 6-22

4. The separation of regular employees will be initiated, if necessary, to complete the Reduction-in-Force.
5. Separated employees will be placed on the Recall List by job classification and seniority for a one-year period.
6. Regular employees separated under a RIF, including those who elect to retire, must be paid accumulated annual leave and compensatory time, and severance pay and accumulated sick leave based on the years of service as defined in the table below:

COMPLETED YEARS OF SERVICE	PERCENTAGE OF SICK LEAVE PAYOUT	WEEKS OF SEVERANCE PAY
0 to 5	5%	2 weeks pay
6 to 10	10%	3 weeks pay
11 to 15	15%	4 weeks pay
16 to 19	20%	5 weeks pay
20 or more	25%	6 weeks pay

7. Vacant positions will be filled based on job classification and then seniority during the recall period when a vacant positions job classification is the same as the employees on the recall list.
  - a. A recalled employee must possess the necessary skills and experience to perform the duties of the vacancy and be interviewed prior to being recalled.
  - b. Any employee separated and placed on a Recall List will be responsible for notifying the City Human Resources Department of any change in address or telephone number.
  - c. Employees on a recall list will be notified to return to work by registered mail.
  - d. Any employee who fails to respond to a recall opportunity within ten working days following receipt of notification will forfeit recall rights.
  - e. An employee who is recalled will be removed from the recall list.
  - f. Separated employees who are recalled must be restored to regular employment at the same annual salary that was in place at the time of separation, and will be subjected to a new one-year probationary period.
  - g. All employees who are recalled are subject to [AR 6-18, Attendance and Leave](#).
8. Separated employees who seek a City position in a classification other than the class previously employed will be given priority consideration provided they apply and are qualified. Reemployed employees are:
  - a. Provided an annual salary in accordance with [AR 6-13, Eligibility and Determination of Pay Adjustments](#).
  - b. Subject to a new one-year probationary period.
  - c. All employees who are recalled are subject to [AR 6-18, Attendance and Leave](#).

## V. UNEMPLOYMENT COMPENSATION

Individuals who are laid off under this Administrative Regulation shall be entitled to unemployment compensation as provided by the Code of the Commonwealth of Virginia.

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## REDUCTION IN FORCE (RIF) ADMINISTRATIVE REGULATION 6-22

## VI. APPEAL

Any employee who believes that the City did not follow the prescribed RIF process as specified in this Administrative Regulation shall have access to an administrative hearing with the Director of Human Resources, utilizing the procedure contained in AR 6-20, Discipline of Employees. A Reduction-in-Force implemented under this Reduction-in-Force regulation is not grievable pursuant to AR 6-21, Grievance Procedures, (IV)(B)(6).

A handwritten signature in black ink, appearing to read "Rashad M. Young", is centered on the page. The signature is stylized with a large, sweeping initial "R" and a long horizontal stroke extending to the right.

Rashad M. Young  
City Manager

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY FINANCIAL POLICIES

**Debt Related Financial Policies—Debt Ratios**

City Council passed a set of debt-related financial policies on June 9, 1987. During FY 1998, the Budget and Fiscal Affairs Advisory Committee (BFAAC), a City Council appointed citizen committee, analyzed these debt-related financial policies, and examined the City's financial condition in comparison to other jurisdictions with superior credit ratings (other double-triple A rated jurisdictions). The BFAAC and the City Manager recommended that City Council reaffirm the updated debt-related financial policies, incorporating BFAAC's recommended updates to the policies to establish a consistent set of appropriate relationships between debt targets and limits. Because three of the six debt indicators measure the debt capacity of the City in relation to the size of the City and its economy, BFAAC recommended that these indicators should not produce debt capacity limits that vary greatly from each other. Note the terminology has been updated to reflect required changes to government accounting rules.

City Council reaffirmed its commitment to sound financial management and adopted the updated debt-related financial policies on December 9, 1997. City Council amended the policies on October 26, 1999, to allow priority consideration for an increase in the assignment of fund balance for capital project funding. On June 24, 2008, City Council revised the target and limit upward reflecting the ratio of debt as a percentage of total personal income.

On May 4, 2017, City Council amended the Debt Related Financial Policies to recognize the self-supporting nature of the City's sewer-related debt and to increase ratios to better balance the City's ability to pay for increased capital investment needs with the need to maintain the City's top AAA/Aaa bond ratings.

These updated policies are as follows:

Debt as a Percentage of Fair Market Real Property Value	
Target	Limit
Set by CIP	2.50%

This ratio indicates the relationship between the City's debt and the full value of real property in the City as assessed annually at fair market value. It is an important indicator of the City's ability to repay debt because real property taxes are the primary source of the City's revenues used to repay debt. A small ratio is an indication that the City will be better able to withstand possible future economic downturns and continue to meet its debt obligations.

Debt Service as a Percentage of General Government Expenditures	
Target	Limit
Set by CIP	12.00%

This ratio is a measure of the City's ability to repay debt without hampering other City services. A small ratio indicates a lesser burden on the City's operating budget.

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY FINANCIAL POLICIES

## Payout Ratio for Outstanding Debt

10-Year Debt Payout Ratio	
Target	Limit
65.00%	50.00%

The repayment structure for the City's tax supported, General Fund debt will reflect a strategy of paying off outstanding debt at a rate of 50 percent in the first 10 years, with a target repayment rate of 65 percent. Excluded from this measure would be major capital projects where the life span of the project will likely substantially exceed a 20-year repayment time period.

Spendable General Fund Balance as a Percentage of General Fund Revenue	
Target	Limit
15.0%	Undefined
Unrestricted Net Assets as a Percentage of General Revenues	
Target	Limit
5.5%	4.0%

These ratios indicate the ability of the City to cope with unexpected financial problems or emergencies. The Spendable General Fund Balance represents the funds legally available to the City. It is desirable that the City maintain a Spendable General Fund Balance target of 15 percent. The Spendable Fund Balance includes Commitments that are established by City Council and Assignments that are established by the City Manager. Uses of Fund Balance in either classification can be changed to address unexpected, one-time needs. Net assets correspond to stockholders' equity for publicly traded companies. The larger the Spendable General Fund Balance or unrestricted net assets, the greater the City's ability to cope with financial emergencies and fluctuations in revenue cycles.

The ratio for unrestricted net assets is calculated after adjusting for the effect of subsequent year's expenditures, and funding for future equipment replacement and capital projects, grants and contributions restricted to specific programs, and extraordinary and special items.

The City will not issue tax or revenue anticipation notes to fund ongoing governmental operations. The City of Alexandria will manage its cash in a fashion that will prevent any borrowing to meet working capital needs.

The City will not issue bond anticipation notes (BAN's) for a period of longer than two years. If the City issues a BAN for a capital project, the BAN will be converted to a long-term bond or redeemed at its expiration, but will not be rolled over.

The City will continue to rely on current revenue, including its fund balance, to finance its short-lived and maintenance-oriented capital improvements. The City believes in funding a significant portion of capital improvements on a pay as you go basis; therefore, the City will continue to finance short-lived and maintenance-oriented capital improvements with current revenues, and its fund balance. The priority to consider when additional General Fund revenues become available at the end of the fiscal year would be a Commitment within the General Fund fund balance for pay as you go capital.

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY FINANCIAL POLICIES

The City will not establish a trend of using General Fund equity to finance current recurring operations. The City's General Fund equity has been built over the years to provide the City with sufficient working capital and to enable it to finance equipment replacement, capital projects, and unforeseen emergencies without borrowing. To conserve the General Fund equity balance and to avoid reliance on this balance, the City will not finance recurring operations from the General Fund equity balance for periods longer than two years as confirmed by the audited financial statements. If the audited financial statements confirm that recurring operations have been funded from the General Fund equity balance for a period longer than two consecutive fiscal years, then the City will adopt in its next ensuing budget a balanced budget in which the operating revenues meet the operating expenditures without any consideration of the General Fund equity balance.

In the event that unforeseen and severe economic conditions result in a draw down of fund balance to finance current operations, replenishment of fund balance will be given priority over discretionary funding decisions to ensure that the target of 15 percent of Spendable Fund Balance as a proportion of General Fund Revenues is reached within three fiscal years.

The City will annually prepare a ten-year capital improvement program. In accordance with the City Charter and in order to meet the debt ratio targets, to schedule debt issuance, and to systematically improve the capital structure, each year the City will prepare and adopt a ten-year capital improvement program. This capital improvement program will identify the source of funding for all capital projects. The debt issuances that are a part of the capital improvement program will be structured to meet the City's debt policies and debt ratio targets.

The City Manager will prepare each year and submit a set of ten-year scenarios of possible future revenues and expenditures that match the ten-year Capital Improvement Program time horizon with the proposed budget to be considered by the City Council. Those scenarios will be updated to reflect the decisions of the City Council and issued with the approved budget. In order to improve financial planning and decisions, the City Manager also will annually prepare with the approved budget a set of ten-year scenarios of possible future General Fund revenues and expenditures and their effects on the debt-related financial policy ratios outlined above, including the effect of planned borrowing under the approved CIP.

**General Fund Cash Capital Related Policies**

On January 13, 2015, through Resolution #2660, City Council provided specific guidance regarding the amount of recurring General Fund Cash Capital applied to the CIP. The minimum or floor was set at 2.0% and the target was set at 2.5%. This percentage provides a minimum and a target to ensure that cash capital will be maintained at an acceptable level, but at the same time providing flexibility in setting budget priorities between the annual General Fund Operating Budget and annual cash capital transfer from the General Fund to the CIP.

Recurring General Fund Cash Capital Transfer as a Percentage of General Fund Expenditures	
Target	Minimum
2.5%	2.0%



## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY FINANCIAL POLICIES

In accordance with the Government Finance Officers Association budget review requirements, this table, taken from the City's FY 2019 Comprehensive Annual Financial Report, is repeated here:

City of Alexandria, Virginia Computation of Legal Debt Margin as of June 30, 2021	
Assessed Value of Real property, January 1, 2021	\$43,826,796,330
Debt Limit: 10 Percent of Assessed Value	\$4,382,679,633
Amount of Debt Applicable to Debt Limit:	
General Obligation Bonds	\$704,117,000
Less Total General Obligation Debt	(\$704,117,000)
LEGAL DEBT MARGIN REMAINING	\$3,678,562,633

**Limitations on the Incurrence of General Obligation Debt**

There is no requirement in the Virginia Constitution, the Virginia Statutes or in the Charter of the City of Alexandria that the issuance of general obligation bonds of the City be subject to approval of the electors of the City at referendum.

Under the City Charter, the City Council has full authority to authorize and issue general obligation bonds. The authorizing procedure consists of the passage on first reading of an ordinance authorizing the issuance of the bonds followed by a notice of public hearing at a subsequent meeting and the final passage on second reading following the public hearing.

The only constitutional limitation on the issuance of general obligation bonds is contained in Article VII, Section 10 of the Virginia Constitution, which states that: No city or town shall issue any bonds or other interest-bearing obligations which, including existing indebtedness, shall at any time exceed ten percent of the assessed valuation of real estate in the city or town subject to taxation, as shown by the last preceding assessment for taxes.

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY FINANCIAL POLICIES

City of Alexandria, Virginia  
Investment Policy  
Revised December 17, 2014

**Policy Statement**

It is the policy of the City of Alexandria (City) that the administration of deposits of cash and cash equivalents, and their investment, shall be handled as its highest public trust. Investments shall be made in a manner that provides maximum security of principal invested and conforms to all applicable statutes of the Commonwealth of Virginia governing the investment of public funds. The portfolio may consist of obligations of the Commonwealth of Virginia, obligations of the United States and certain Agencies thereof, obligations of Virginia municipalities, "prime quality" commercial paper, Certificate of Deposit Account Registry Service (CDARS), Insured Cash Sweep Service (ICS), the Virginia Local Government Investment Pool (LGIP) and the Virginia Investment Pool (VIP). The portfolio shall have an average maturity of up to three years, while remaining liquid to meet the daily cash flow needs of the City. The receipt of a market rate of return will be secondary to safety and liquidity requirements.

**Scope**

This investment policy applies to all deposits of cash and cash equivalents, defined in the City's Comprehensive Annual Financial Report (CAFR), excluding retirement funds. The City commingles its funds into one pooled investment fund for efficiency and maximum investment opportunity. Any new deposits of cash and cash equivalents will also be commingled unless specifically exempted by City Council and this policy. Investment income will be allocated to the various funds based on their respective participation and in accordance with generally accepted accounting principles.

**Objective and Strategy**

It is the policy of the City that all deposits of cash and cash equivalents shall be managed and invested with three primary objectives, listed in order of their priority: safety, liquidity and yield.

- a. **Safety of Principal.** Safety of principal is the foremost objective of the City. Investments of the City shall be made in a manner that seeks to ensure the preservation of capital in the overall portfolio. The objective will be to mitigate credit risk and interest rate risk.

The City will minimize credit risk, the risk of realizing a loss due to the failure of the security issuer or backer, by:

- Limiting investments to the safest types of securities.
- Pre-qualifying the financial institutions, brokers/dealers, intermediaries and advisers with which the City will do business.
- Diversifying the investment portfolio so that potential losses on individual securities will be minimized.

The City will minimize interest rate risk, the risk of realizing a loss due to the market value of securities in the portfolio falling as a result of changes in general interest rates, by:

- Structuring the investment portfolio so that securities mature to meet cash requirements for ongoing operations, thereby avoiding the need to sell securities on the open market prior to maturity.
  - Investing operating funds primarily in shorter-term securities.
- b. **Liquidity.** The City's investment portfolio will remain sufficiently liquid to enable it to meet all operating requirements that might be reasonably anticipated. This will be accomplished by structuring the portfolio so that securities mature concurrent with cash needs to meet anticipated demands. Furthermore, since all possible cash demands cannot be anticipated, the portfolio will maintain a cushion of liquid securities with active secondary or resale markets.



## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY FINANCIAL POLICIES

Cash flow forecasting is designed to ensure adequate liquid funds to meet the City's cash flow requirements. Supplemental to the financial and budgetary systems, the Assistant Director/Treasury will maintain a cash flow forecasting process designed to monitor and forecast cash positions for investment purposes.

- c. **Yield.** The City's investment portfolio shall be structured with the objective of attaining a market rate of return throughout budgetary and economic cycles, taking into account the City's investment risk constraints and liquidity needs. "Market rate of return" is defined as the 2-year Treasury constant maturity as reported in H.15 Selected Interest Rates on the Board of Governors of the Federal Reserve Systems' website. Return on investment is of secondary importance compared to the safety and liquidity objectives described above. The core of investments is limited to relatively low risk securities in anticipation of earning a fair return relative to the risk being assumed. Securities may be sold prior to maturity in the following situations:
  - A security with declining credit may be sold early to minimize loss of principal.
  - Liquidity needs of the portfolio require that the security be sold.
  - The sale realizes gains that can be reinvested for additional yield.

**Legal Authority**

The legal authority and limitations for the investment of public funds in Virginia are found in the Investment of Public Funds Act (Code of Virginia § 2.2-4500 et seq. (as amended)) and in the Local Government Investment Pool Act (Code of Virginia § 2.2-4600 et seq. (as amended)).

**City's Investment Committee**

The Director of Finance; the Assistant Director, Revenue; and the Assistant Director, Treasury are designated as the City's Investment Committee and are responsible for investment management decisions and activities. The Investment Committee is responsible for considering the ability of City staff and brokers/dealers involved with investment management and procedures. All participants in the investment process shall act responsibly as custodians of the public trust. The Investment Committee shall review the City's investment portfolio and cash flow forecast at least monthly.

The Investment Committee shall be responsible for all investment transactions and shall implement sufficient controls to protect City funds. City staff and brokers/dealers shall not engage in any investment transaction except as provided under the terms of this policy and the written procedures.

**Standard of Care and Limitation of Liability**

Public funds held by the City shall be held in trust for the citizens of Alexandria. Any investment of such funds pursuant to this policy shall be made solely in the interest of the citizens of Alexandria and with the care, skill, prudence and diligence under the circumstances then prevailing that a prudent person acting in like capacity and familiar with such matters would use in the conduct of an enterprise of a like character and with like aims. See Code of Virginia § 2.2-4514.

When investments are made in accordance with this policy, the Investment Committee shall not be liable for any loss therefrom in the absence of negligence, malfeasance, or nonfeasance on their part or on the part of City staff performing investment and cash management functions. See Code of Virginia § 2.2-4516.

**Ethics and Conflicts of Interest**

Investment Committee members and City staff involved in the investment process and brokers/dealers shall refrain from activity that could conflict with the proper execution and management of the investment program, or that could impair their ability to make impartial decisions. Investment Committee members and City staff involved in the investment process and brokers/dealers shall disclose any interests in financial institutions with which they conduct business, and shall refrain from entering into personal investment transactions with the same individual with whom business is conducted on behalf of the City. In addition to the foregoing, Investment Committee members and City staff shall comply with, as applicable, the State and Local Government Conflict of Interests Act (Code of Virginia § 2.2-3100 et seq. (as amended)) and City Code Article I (Ethics in Public Contracting), Chapter 3, Title 3 (as amended).

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY FINANCIAL POLICIES

**Internal Controls**

In addition to this Policy, the Investment Committee shall develop written procedures that specifically identify the responsibilities of the City, broker/dealer and custodian for each investment transaction. Annually, the City's independent auditors will review the written procedures, which are designed to prevent loss of public funds due to fraud, employee error, misrepresentation by third parties or imprudent actions by City staff involved in the investment process. The process shall be structured to provide reasonable assurance that these objectives are met. The concept of reasonable assurance recognizes that (1) the cost of a control should not exceed the benefits likely to be derived and (2) the valuation of costs and benefits requires estimates and judgements by management. The procedures shall include separation of transaction authority from accounting and record keeping, independent third party custodial safe keeping, clear delegation of authority and responsibility, written confirmation of purchase/sale approval, written transaction receipts and explicit wire transfer instructions.

**Authorized Financial Dealers and Institutions**

All investment transactions undertaken on behalf of the City must be restricted to approved brokers/dealers. The Investment Committee shall maintain a list of brokers/dealers, which are approved for investment purposes. Investment Committee members and City staff involved in the investment process shall not conduct business with any securities dealer with whom or through whom public entities have paid excessive prices or have sustained losses on investments through mismanagement by the securities dealer. The Investment Committee must periodically (at least annually) assess the financial strength and integrity of the brokers/dealers and the individual account representatives with whom it does business. The following criteria must be met by those firms on the list:

- a. Provide an audited financial statement for the most recent period.
- b. Proof of certification by the National Association of Securities Dealers.
- c. Proof of current registration with the State Securities Commission.
- d. Completion of the City's broker/dealer questionnaire.

In addition, the supervising officers at the custodial bank and each broker/dealer shall submit certifications that they have reviewed this investment policy and agree to disclose potential conflicts or risks to public funds that might arise out of business transactions between the broker/dealer, custodial bank and the City. Each broker/dealer will implement sufficient controls and procedures to prevent unauthorized investment of City funds.

The supervising officer of the broker/dealer and custodial bank shall agree to exercise due diligence in monitoring the activities of other officers and subordinate staff members engaged in transactions with the City. Employees of any firm or financial institution offering securities or investments to the City shall be trained in the precautions appropriate to public sector investments and shall be required to familiarize themselves with the City's investment objectives, policies and constraints.

**Authorized Investments**

Under this policy, investments shall be limited to the instruments listed below. The investments are to be chosen in a manner that promotes diversity of issuer and maturity. The choice of high-grade government instruments is designed to ensure the marketability of those investments should liquidity needs arise.

- a. Obligations of the Commonwealth of Virginia  
Stocks, bonds, notes, and other evidences of indebtedness of the Commonwealth and those unconditionally guaranteed as to the payment of principal and interest by the Commonwealth. See Code of Virginia § 2.2-4501(A)(1).  
  
Requirement for Direct City Purchases (Not Applicable to LGIP and VIP)— Rated AA+ or better by Standard & Poor's Rating Services or Aa1 or better by Moody's Investors Service.

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY FINANCIAL POLICIES

## b. Obligations of the United States and certain Agencies thereof

Bonds, notes and other obligations of the United States, and securities unconditionally guaranteed as to the payment of principal and interest by the United States, or any agency thereof. See Code of Virginia § 2.2-4501(A)(2).

Requirement for Direct City Purchases (Not Applicable to LGIP and VIP) – No asset backed paper. Purely straight forward “vanilla” direct debt from the United States Treasury, Federal Home Loan Bank (FHLB) and Federal Farm Credit Bank (FFCB), which has a liquid market and a readily determinable market value. No investment in Federal National Mortgage Association (FNMA) and Federal Home Loan Mortgage Corporation (FHLMC) until authorized by this Investment Policy.

## c. Obligations of Virginia Municipalities

Stocks, bonds, notes and other evidences of indebtedness of any county, city, town, district, authority or other public body in the Commonwealth upon which there is no default; provided, that if the principal and interest be payable from revenues or tolls and the project has not been completed, or if completed, has not established an operating record of net earnings available for payment of principal and interest equal to estimated requirements for that purpose according to the terms of the issue, the standards of judgment and care required in Article 9 (§ 64.2-780 et seq.) of Chapter 7 of Title 64.2, without reference to this section, shall apply. See Code of Virginia § 2.2-4501(A)(4).

Requirement for Direct City Purchases (Not Applicable to LGIP and VIP)– Rated AA+ or better by Standard & Poor’s Rating Services or Aa1 or better by Moody’s Investors Service.

## d. "Prime Quality" Commercial Paper

"Prime quality" commercial paper, with a maturity of 270 days or less, of issuing corporations organized under the laws of the United States, or of any state thereof including paper issued by banks and bank holding companies. "Prime quality" shall be as rated by at least two of the following: Moody's Investors Service, Inc., within its NCO/Moody's rating of prime 1, by Standard & Poor's, Inc., within its rating of A-1, by Fitch Investor's Services, Inc., within its rating of F-1, by Duff and Phelps, Inc., within its rating of D-1, or by their corporate successors, provided that at the time of any such investment:

1. The issuing corporation, or its guarantor, has a net worth of at least fifty million dollars; and
2. The net income of the issuing corporation, or its guarantor, has averaged three million dollars per year for the previous five years; and
3. All existing senior bonded indebtedness of the issuer, or its guarantor, is rated "A" or better or the equivalent rating by at least two of the following: Moody's Investors Service, Inc., Standard & Poor's, Inc., Fitch Investor's Services, Inc., or Duff and Phelps, Inc.

Not more than thirty-five percent of the total funds available for investment may be invested in commercial paper, and not more than five percent of the total funds available for investment may be invested in commercial paper of any one issuing corporation. See Code of Virginia § 2.2-4502(A).

Requirement for Direct City Purchases (Not Applicable to LGIP and VIP) – No asset backed paper. Purely straight forward “vanilla” direct debt of the issuer. Commercial paper must be rated A1/P1 (or better) and on City’s approved list of commercial paper issuers. Committee will discuss approved issuers with negative outlook on debt.

## e. CDARS and ICS

For investments in CDARS and ICS, the investment must be made in accordance with the following conditions:

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY FINANCIAL POLICIES

1. The moneys are initially invested through any federally insured bank or savings institution selected by the public entity that is qualified by the Virginia Treasury Board to accept public deposits;
2. The selected bank or savings institution arranges for the deposit of the moneys in one or more federally insured banks or savings institutions wherever located, for the account of the public entity;
3. The full amount of principal and any accrued interest of each such deposit is covered by federal deposit insurance;
4. The selected bank or savings institution acts as custodian for the public entity with respect to each deposit issued for the public entity's account; and
5. At the same time that the public entity's moneys are deposited, the selected bank or savings institution receives an amount of deposits from customers of other financial institutions wherever located equal to or greater than the amount of moneys invested by the public entity through the selected bank or savings institution.
6. After deposits are made in accordance with the conditions prescribed in subsection e, 1 – 5, such deposits shall not be subject to the provisions of Chapter 44 (§ 2.2-4400 et seq.), § 2.2-4515, or any security or collateral requirements that may otherwise be applicable to the investment or deposit of public moneys by government investors.

See Code of Virginia § 2.2-4518.

Requirement for Direct City Purchases (Not Applicable to LGIP and VIP) – Deposit bank must be rated performing or better by Bankrate.com at time of purchase

f. LGIP

Established by Code of Virginia § 2.2-4602.

See Code of Virginia § 2.2-4600 et seq.

g. VIP

Established by Trust Fund Agreement. Authorized by City Council on January 25, 2014.

The Investment Committee must review the portfolio at least monthly to ensure compliance with the City's investment policy and to review the credit ratings of all securities in the investment portfolio. The Investment Committee and dealer/broker will review any investment that no longer meets the original purchase requirements and will discuss available alternatives to arrive at an agreed upon course of action.

**Relative Value Requirement.** Securities will only be purchased after comparing prices with two similar securities to ensure that the City is receiving fair market value/price for the investment. Records of the comparisons will be kept to justify each investment decision.

**Delivery Versus Payment.** All security transactions, entered into by, or on behalf of, the City, shall be conducted on a delivery versus payment (DVP) basis. The Assistant Director/Treasury must receive written trade confirmation tickets within three business days of all trades. An Accounting Division reporting manager who is not authorized to buy or sell securities for this portfolio must receive copies and review the written trade confirmation tickets. The written trade confirmation ticket must provide the trade date, par value, maturity, interest rate, price, yield, settlement date, description of security purchased, issuer's name, amount due, third-party custodial information and show the City as owner of the security.

#### Unauthorized Investments

- a. The City will not "sell short," i.e., sell something it does not own in anticipation of buying it later at a lower price.
- b. The City will not buy on margin.
- c. The City will not contract for future delivery
- d. The City will not deal in futures or options of any kind.
- e. The City will not purchase derivatives.

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY FINANCIAL POLICIES

- f. The City will not purchase asset-backed securities.
- g. The City will not purchase collateralized mortgage obligations.
- h. The City will not purchase pass-through securities.
- i. The City will not purchase inverse floaters.
- j. The City will not purchase principal only or interest only strips.
- k. The City will not purchase range bonds.

**Diversity and Maturity Limitations**

The investment portfolio shall be diversified by:

- limiting investments to avoid overconcentration in securities from a specific issuer or business sector (excluding U.S. Treasury securities, CDARS and ICS),
- limiting the number of securities in the portfolio that have a higher risk of credit default,
- investing in securities with varying maturities, and
- continuously investing a portion of the portfolio in the Virginia Local Government Investment Pool (LGIP) or the Insured Cash Sweep Service (ICS) to ensure that appropriate liquidity is maintained in order to meet on-going obligations.

Diversification strategies shall be established and periodically reviewed. At a minimum, diversification standards by security type and issuer shall be:

Security Type	Maximum Percentage of the Total Funds Available for Investment
A. Obligations of the Commonwealth of Virginia	40%
B. Obligations of the United States and certain Agencies thereof	75%
C. Obligations of Virginia Municipalities	40%
D. "Prime Quality" Commercial Paper (in total)	25%
E. Commercial Paper of any one Issuing Corporation	5%
F. CDARS	75%
G. ICS	40%
H. LGIP	75%
I. VIP	75%

The Assistant Director/Treasury shall diversify maturities, and to the extent possible, match investments with anticipated cash flow requirements. Matching maturities with cash flow dates will reduce the need to sell securities prior to maturity, thus reducing market risk.

The average maturity of the City's investment portfolio at the end of any given month shall be up to three years. No less than \$15 million will be invested in securities with maturities of 14 days or less. Excluding LGIP and VIP, securities with more than 60 months to maturity are not authorized for the City's investment portfolio.

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY FINANCIAL POLICIES

**Safekeeping (for securities other than LGIP, CDARS, ICS and VIP)**

All trades where applicable will be executed by delivery versus payment (DVP) to ensure that all securities are deposited in an independent third party custodial bank prior to the release of funds. Securities will be held by a custodial bank that is not otherwise a counterparty to the investment transaction, in the City's name and subject to the City's order of withdrawal. The custodial bank may not be within the same holding company as the bank from which the securities are pledged. At no time will the City's securities be commingled with those of other investors. The custodial bank shall deliver securities to the City in the event of default by a counterparty to the investment transaction.

All safekeeping arrangements shall be approved by the Investment Committee and an agreement of the terms executed in writing. The third-party custodian shall issue original safekeeping receipts to the Assistant Director/Treasury, listing each specific security, rate, description, maturity and CUSIP number (9-digit alphanumeric code that identifies a North American financial security). Each safekeeping receipt will clearly state that the security is held in the City's name, subject to the City's order of withdrawal.

**Perfected Security Interest**

To ensure the City has a perfected security interest, the Investment Committee must issue written authorization before selling any security from the City's investment portfolio. Prior to making a purchase on behalf of the City, the broker/dealer must notify the City's Investment Committee of the par value, maturity range and type of security to be purchased.

**Performance Evaluation and Reporting**

At least quarterly, the Assistant Director/Treasury shall submit monthly reports to the Investment Committee containing sufficient information to permit an informed outside reader to evaluate the performance of the investment program. The reports will be prepared and reviewed by individuals who are not responsible for buying and selling securities. In addition, the market value of the portfolio shall be calculated and reported at least monthly. The reports will summarize investment activity and may include the following information:

Monthly Investment Portfolio Inventory Reports. Securities will be grouped by type, and may include the following information:

- Name of issuer
- Par amount
- Coupon Rate
- Contractual maturity date
- Call date, if applicable
- Amortized cost (book value)
- Fair value (market value)
- Expected yield
- Unrealized gain or loss
- Credit rating
- CUSIP number
- Purchase price
- Original dollar amount of premium or discount
- Yield to maturity or total return if held to maturity
- Yield to call, or total return if held to call, if applicable
- Interest received
- Accrued interest
- Amortized/Accretion Premium/Discount
- Percentage of total portfolio that specific security comprises

Monthly Investment Portfolio Activity Reports. Listing of purchases, sales, calls, maturities, interest received, rating upgrades and rating downgrades, and beginning and ending par, book and market values.

## CITY OF ALEXANDRIA, VIRGINIA

## Legislative References



## CITY FINANCIAL POLICIES

Monthly Investment Portfolio Liquidity Reports. Listing of investments by maturity date, and a maturity breakdown of the portfolio by type of investment and by time period.

Monthly Investment Portfolio Earnings Summary Reports. Listing of interest earnings accrued, amortization/accretion and total earnings for the month and fiscal year-to-date.

Monthly Investment Portfolio Unrealized Gains and Losses Report.

Monthly Investment Portfolio Performance Reports. Listing of average weighted yield-to-maturity and yield-at-cost for current month and fiscal year-to-date, with comparison to the two year Treasury reported by the Federal Reserve.

Monthly Investment Policy Compliance Report. Report shows that portfolio meets policy requirements regarding investment types, maturities and diversification.

**Policy Considerations**

This policy shall be reviewed on an annual basis. The City's Investment Committee must approve any change.

# APPENDICES

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## Appendix A: Projects Added, Removed, Reinstated, or Retitled in CIP

The composition of projects included in this Capital Improvement Program (CIP) differs from the previously approved CIP. The table below outlines projects that have been:

- Added this year;
- Removed from the plan;
- Reinstated (removed from previous CIPs, but now added back in);
- Retitled to better reflect the project's scope; or
- Broken out from previously approved projects to become a stand-alone project.

### Projects Removed from Plan:

CIP Section	CIP Subsection	Project	Notes
IT Plan	Financial Systems		
		Employee Pension Administration System	The Finance Department does not have a need for the Pension System for at least five years. Therefore, project removed from the CIP until the need emerges.
		Library Self-Service Stations/Equipment	Project funding removed to accommodate funding restriction and increased needs in other projects.
Other Regional Contributions	Other Regional Contributions		
		Northern Virginia Community College (NVCC)	NVCC requested the City's capital contribution be converted to fund college courses seats for ACPS high school students. This proposed conversion of \$400,000 in FY 2023 and beyond is reflected in ACPS' Operating Budget.
Public Buildings	General Government Facilities		
		Lee Center CFMP	Captured in General Services CFMP
		Parking Garages CFMP	Captured in General Services CFMP
Public Buildings	Public Safety Facilities		
		Fire Station 207 (Duke Street)	Project funding removed to accommodate funding restriction and increased needs in other projects.
		Fire Station 203 (Cameron Mills)	Project substantially completed
Recreation & Parks	Renovated or New Recreation Facilities		
		Braddock Area Plan Park	Project funding removed to accommodate funding restriction and increased needs in other projects.
Transportation	Non-Motorized Transportation		
		Holmes Run Trail Connector	Future year funding not requested.
Transportation	Public Transit		
		King Street Metrorail Station Area Improvements	Project substantially completed
Transportation	Smart Mobility		
		DASH Electronic Fare Payment	Project no longer needed since DASH switched to fare-free.
		DASH Scheduling Software	Project substantially completed
Transportation	Streets & Bridges		
		City Standard Construction Specifications	Project substantially completed

### Projects Retitled or Broken-Out:

CIP Section	CIP Subsection	Project	Project Title in the Prior Year CIP
Stormwater Management	Stormwater Management		
		Large Capacity - Commonwealth Ave & E. Glebe/Ashby St & Glebe Rd	Storm Sewer Capacity Projects (Broken-Out)
		Large Capacity - Hooft's Run Culvert Bypass	Storm Sewer Capacity Projects (Broken-Out)
		Spot Project - Hume Avenue Bypass	Storm Sewer System Spot Improvements (Broken-Out)
		Spot Project - Mt. Vernon Cul-de-sac and Alley	Storm Sewer System Spot Improvements (Broken-Out)
Transportation	Non-Motorized Transportation		
		Compleat Streets-Vision Zero	Previously just titled "Compleat Streets" (Retitle)
Transportation	Public Transit		
		DASH Fleet Expansion & Electrification	DASH Facility and Fleet Expansion (Broken-Out)
		DASH Facility Expansion	DASH Facility and Fleet Expansion (Broken-Out)

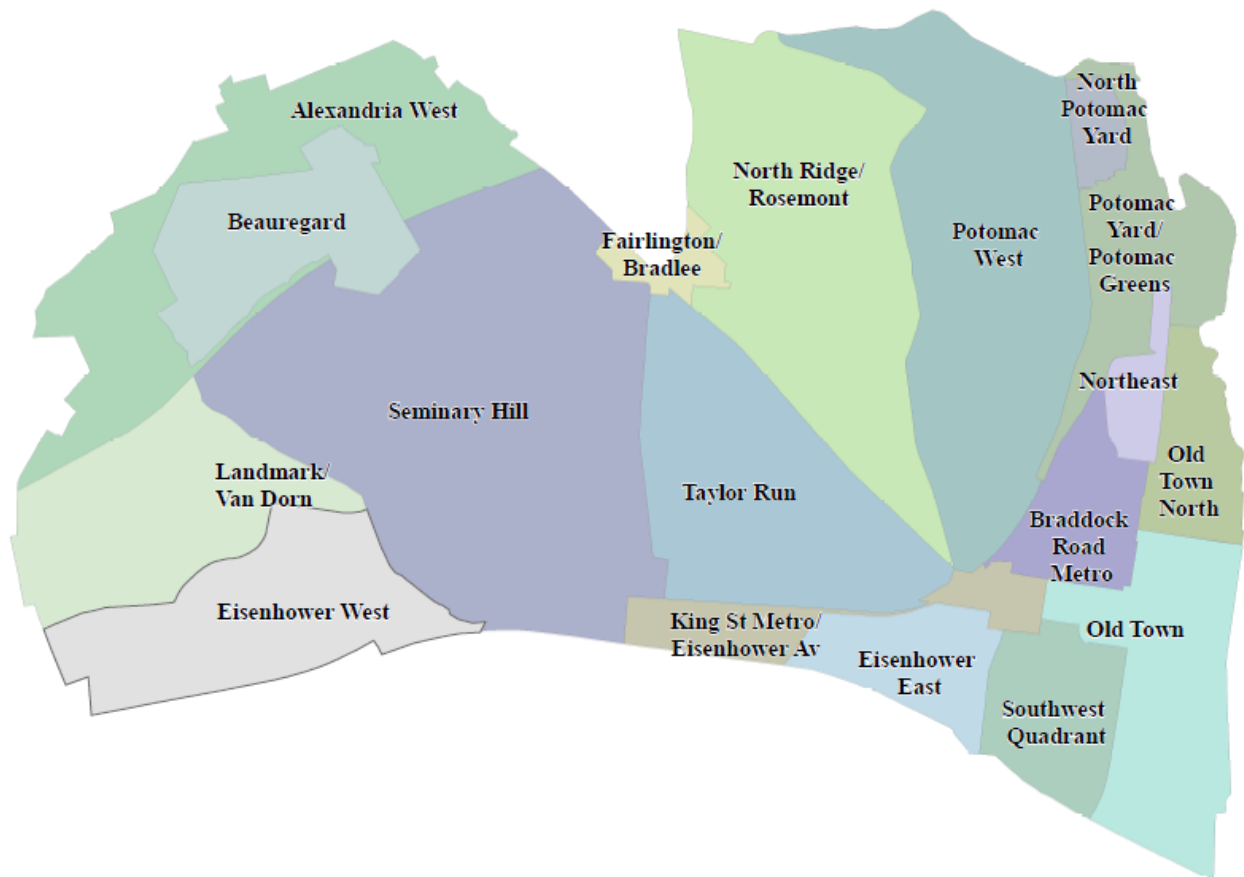
**New Projects Added to Plan:**

CIP Section	CIP Subsection	Project
Community Development	City-Wide Amenities	
		Citywide Electric Vehicle Charging Stations
		CMI Services for Landmark Development Infrastructure
Community Development	Public Safety Enhancements	
		Dry Fire Hydrants
		Knox Box Replacement
		SCBA Compressor
		SCBA Fleet Replacement
IT Plan	Other System Development Projects	
		Data Quality and Intelligence Platforms
IT Plan	Public Safety Systems	
		Fire Emergency Operations Center Technology
Public Buildings	General Government Facilities	
		119 North Alfred Street Parking Garage
		2900-B Business Warehouse
		DASH Upper Deck Repairs
		Minnie Howard Campus Project
		Witter/Wheeler Campus Funding Reservation
Public Buildings	Library Facilities	
		Library Facilities Master Plan
Public Buildings	Public Safety Enhancements	
		City Facility Security Infrastructure CFMP
Public Buildings	Public Safety Facilities	
		Fire Training Center Renovation
		PSC Fuel Station Refurbishment
Recreation & Parks	Park Maintenance & Improvements	
		Armistead Boothe Park Trail Surface Conversion
		Four Mile Run Park Bridge Replacement
Recreation & Parks	Recreation Facility Maintenance	
		Torpedo Factory Arts Center CFMP
Recreation & Parks	Renovated or New Recreation Facilities	
		Dora Kelly Fair-Weather Crossing Replacement with Bridge
		Douglass Cemetery Restoration
		Recreation Center Market Response and Program Support
Sanitary Sewers	Sanitary Sewers	
		Combined Sewer Wet Weather Mitigation
		Sanitary Sewer Stream Crossing Protection
		Sanitary Sewer Wet Weather Mitigation
Stormwater Management	Stormwater Management	
		Braddock and West Flood Management
Transportation	Non-Motorized Transportation	
		Lower King Street Street Closure
		Safe Routes to School
		South Patrick Street Median Improvements
		Transportation Project Planning
Transportation	Public Transit	
		Bus Shelter Maintenance
		Electric Bus On-Route Charging Stations
		Landmark Mall Transit Center
Transportation	Smart Mobility	
		Smart Mobility Implementation
Transportation	Streets and Bridges	
		Historic Infrastructure Materials
		Landmark Mall 395 Ramp Improvements

## Appendix B: Project Reporting Areas

Capital projects that are geographically defined have been categorized by Project Reporting Area, based on their location as defined within the Alexandria Master Plan (Small Area Plans & Citywide Chapters). Projects without a discrete boundary are classified as “Citywide”, and take place either at a number of different locations or on a to-be-determined basis.

Alexandria Master Plan (Reporting Area Locations)



The following pages provide a summary of CIP projects by Reporting Area.

Reporting Area	CIP Section	Project Title
Alexandria West	Recreation & Parks	Dora Kelly Fair-Weather Crossing Replacement with Bridge
Alexandria West	Recreation & Parks	Soft Surface Trails
Alexandria West	Transportation	King & Beauregard Intersection Improvements
Beauregard	Public Buildings	DCHS Consolidation and Co-Location
Beauregard	Stormwater Management	Lucky Run Stream Restoration
Beauregard	Transportation	Seminary Road at Beauregard Street Ellipse
Beauregard	Transportation	Transit Corridor "C" - West End Transitway
Braddock Road Metro	Community Development	Braddock Road Area Plan - Streetscape Improvements
Braddock Road Metro	Public Buildings	Fire Station 205 (Cameron Street)
Braddock Road Metro	Recreation & Parks	Braddock Area Plan Park
Braddock Road Metro	Recreation & Parks	Old Town Pool
Braddock Road Metro	Stormwater Management	Braddock and West Flood Management
Citywide	ACPS	ACPS Capital Program
Citywide	CIP Development & Implementation Staff	Capital Budget Staff (1.50 FTE)
Citywide	CIP Development & Implementation Staff	Capital Procurement Personnel (8.10 FTE)
Citywide	CIP Development & Implementation Staff	Capital Project Development Team (2.00 FTE)
Citywide	CIP Development & Implementation Staff	Capital Project Implementation Non-Personnel Expenditures
Citywide	CIP Development & Implementation Staff	Capital Project Implementation Personnel (32.00 FTE)
Citywide	CIP Development & Implementation Staff	Capital Project Implementation Personnel (34.00 FTE)
Citywide	CIP Development & Implementation Staff	General Services Capital Projects Staff (7.80)
Citywide	CIP Development & Implementation Staff	IT Systems Implementation Staff (2.50 FTE)
Citywide	CIP Development & Implementation Staff	Open Space Management Staff (2.00 FTE)
Citywide	CIP Development & Implementation Staff	Public Private Partnerships Coordinator (0.50 FTE)
Citywide	Community Development	Affordable Housing Funding
Citywide	Community Development	Citywide Electric Vehicle Charging Stations
Citywide	Community Development	Citywide Street Lighting
Citywide	Community Development	Development Studies
Citywide	Community Development	Dry Fire Hydrants
Citywide	Community Development	Environmental Restoration
Citywide	Community Development	Fire Department Vehicles & Apparatus
Citywide	Community Development	Fire Hydrant Maintenance Program
Citywide	Community Development	Knox Box Replacement
Citywide	Community Development	Office of Historic Alexandria Initiatives
Citywide	Community Development	Police Body Worn Cameras
Citywide	Community Development	Project Budgeting Excellence
Citywide	Community Development	Public Art Acquisition
Citywide	Community Development	Public Art Conservation Program
Citywide	Community Development	SCBA Compressor
Citywide	Community Development	SCBA Fleet Replacement
Citywide	Community Development	Stream Valley Design Guidelines
Citywide	Community Development	Transportation Signage & Wayfinding System
Citywide	IT Plan	AJIS System
Citywide	IT Plan	Animal Shelter Server Replacement
Citywide	IT Plan	Business Tax System/Reciprocity Contractor System
Citywide	IT Plan	Computer Aided Dispatch (CAD) System Replacement
Citywide	IT Plan	Computerized Maintenance Management System (CMMS)
Citywide	IT Plan	Connectivity Initiatives
Citywide	IT Plan	Customer Relationship Management System
Citywide	IT Plan	Data Quality and Intelligence Platforms
Citywide	IT Plan	Database Infrastructure
Citywide	IT Plan	DCHS Integrated Client Information System
Citywide	IT Plan	Document Imaging
Citywide	IT Plan	Electronic Citations Implementation
Citywide	IT Plan	Electronic Government/Web Page
Citywide	IT Plan	Emergency 911 Phone System Upgrade
Citywide	IT Plan	EMS Records Management System
Citywide	IT Plan	Enterprise Camera System
Citywide	IT Plan	Enterprise Collaboration
Citywide	IT Plan	Enterprise Data Storage Infrastructure
Citywide	IT Plan	Enterprise Maintenance Mgmt System
Citywide	IT Plan	Enterprise Resource Planning System
Citywide	IT Plan	Enterprise Service Catalog
Citywide	IT Plan	Fire Dept RMS
Citywide	IT Plan	Fire Emergency Operations Center Technology
Citywide	IT Plan	Fleet Management System

Reporting Area	CIP Section	Project Title
Citywide	IT Plan	FOIA System Replacement
Citywide	IT Plan	GIS Development
Citywide	IT Plan	HIPAA & Related Health Information Technologies
Citywide	IT Plan	Information Technology Equipment Replacement
Citywide	IT Plan	Information Technology Lump Sum Funding
Citywide	IT Plan	IT Enterprise Management System
Citywide	IT Plan	LAN Development
Citywide	IT Plan	LAN/WAN Infrastructure
Citywide	IT Plan	Library Information Technology Equipment Replacement
Citywide	IT Plan	Library Public Access Computers and Print Mgmt System
Citywide	IT Plan	Library Scanning Equipment and DAMS
Citywide	IT Plan	Library Self-Service Stations/Equipment
Citywide	IT Plan	Migration of Integrated Library System to SAAS Platform
Citywide	IT Plan	Municipal Fiber
Citywide	IT Plan	Network Security
Citywide	IT Plan	Network Server Infrastructure
Citywide	IT Plan	Office of Voter Registrations and Elections Equipment Replacement
Citywide	IT Plan	OHA Point-of-Sale System Replacement
Citywide	IT Plan	OHA Records Management System Replacement
Citywide	IT Plan	Parking Citation System Replacement
Citywide	IT Plan	Permit Processing
Citywide	IT Plan	Personal Property Tax System
Citywide	IT Plan	Phone, Web, Portable Device Payment Portals
Citywide	IT Plan	Project Management Software
Citywide	IT Plan	Radio System Upgrade
Citywide	IT Plan	Real Estate Account Receivable System
Citywide	IT Plan	Real Estate Assessment System (CAMA)
Citywide	IT Plan	Recreation Database System
Citywide	IT Plan	Remote Access
Citywide	IT Plan	Small Systems Replacements
Citywide	IT Plan	Time & Attendance System Upgrade
Citywide	IT Plan	Upgrade Work Station Operating Systems
Citywide	IT Plan	Voice Over Internet Protocol (VoIP)
Citywide	Public Buildings	Capital Planning & Building Assessment (Condition Assessment)
Citywide	Public Buildings	City Facility Security Infrastructure CFMP
Citywide	Public Buildings	City Historic Facilities CFMP
Citywide	Public Buildings	Courthouse/PSC Security System Upgrade
Citywide	Public Buildings	DASH Upper Deck Repairs
Citywide	Public Buildings	Emergency Power Systems
Citywide	Public Buildings	Energy Management Program
Citywide	Public Buildings	Fire & Rescue CFMP
Citywide	Public Buildings	Freedom House Museum Restoration
Citywide	Public Buildings	Gadsby's Tavern Restaurant Equipment
Citywide	Public Buildings	General Services CFMP
Citywide	Public Buildings	Library CFMP
Citywide	Public Buildings	Library Facilities Master Plan
Citywide	Public Buildings	Mental Health Residential Facilities CFMP
Citywide	Public Buildings	Parking Garages CFMP
Citywide	Public Buildings	Preventative Maintenance Systems and Staffing Study
Citywide	Public Buildings	PSC Fuel Station Refurbishment
Citywide	Public Buildings	Roof Replacement Program
Citywide	Public Buildings	Tactical Training Space
Citywide	Recreation & Parks	Americans with Disabilities Act (ADA) Requirements
Citywide	Recreation & Parks	Armistead Boothe Park Trail Surface Conversion
Citywide	Recreation & Parks	Athletic Field Improvements (incl. Synthetic Turf)
Citywide	Recreation & Parks	Ball Court Renovations
Citywide	Recreation & Parks	Citywide Parks Improvements Plan
Citywide	Recreation & Parks	Community Matching Fund
Citywide	Recreation & Parks	Douglass Cemetery Restoration
Citywide	Recreation & Parks	Fort Ward Management Plan Implementation
Citywide	Recreation & Parks	Holmes Run Trail Repairs
Citywide	Recreation & Parks	Neighborhood Pool Demolition and Conversion
Citywide	Recreation & Parks	Open Space Acquisition and Develop.
Citywide	Recreation & Parks	Park Renovations CFMP
Citywide	Recreation & Parks	Pavement in Parks

Reporting Area	CIP Section	Project Title
Citywide	Recreation & Parks	Playground Renovations CFMP
Citywide	Recreation & Parks	Proactive Maintenance of the Urban Forest
Citywide	Recreation & Parks	Public Pools
Citywide	Recreation & Parks	Recreation Center Market Response and Program Support
Citywide	Recreation & Parks	Recreation Centers CFMP
Citywide	Recreation & Parks	Restroom Renovations
Citywide	Recreation & Parks	Shared-Use Paths
Citywide	Recreation & Parks	Soft Surface Trails
Citywide	Recreation & Parks	Tree & Shrub Capital Maintenance
Citywide	Recreation & Parks	Water Management & Irrigation
Citywide	Reservation of Bond Capacity/Cash Capital for City/School Facilities	City & School Land Acquisition and DCHS Colocation Investment
Citywide	Sanitary Sewers	Citywide Sewershed Infiltration & Inflow
Citywide	Sanitary Sewers	Combined Sewer Wet Weather Mitigation
Citywide	Sanitary Sewers	Reconstructions & Extensions of Sanitary Sewers
Citywide	Sanitary Sewers	Sanitary Sewer Asset Renewal Program
Citywide	Sanitary Sewers	Sanitary Sewer Stream Crossing Protection
Citywide	Sanitary Sewers	Sanitary Sewer Wet Weather Mitigation
Citywide	Stormwater Management	City Facilities Stormwater Best Management Practices (BMPs)
Citywide	Stormwater Management	Floodproofing Grant Program
Citywide	Stormwater Management	Green Infrastructure
Citywide	Stormwater Management	Inspection and Cleaning (State of Good Repair) CFMP
Citywide	Stormwater Management	MS4-TDML Compliance Water Quality Improvements
Citywide	Stormwater Management	NPDES / MS4 Permit
Citywide	Stormwater Management	Phosphorus Exchange Bank
Citywide	Stormwater Management	Small-Midsize Stormwater Maintenance Projects
Citywide	Stormwater Management	Storm Sewer Capacity Projects
Citywide	Stormwater Management	Storm Sewer System Spot Improvements
Citywide	Stormwater Management	Stormwater BMP Maintenance CFMP
Citywide	Stormwater Management	Stormwater Utility Implementation
Citywide	Stormwater Management	Stream & Channel Maintenance
Citywide	Transportation	Alexandria Mobility Plan
Citywide	Transportation	Bicycle Parking at Transit
Citywide	Transportation	Bridge Repairs
Citywide	Transportation	Bus Shelter Maintenance
Citywide	Transportation	Capital Bikeshare
Citywide	Transportation	City Standard Construction Specifications
Citywide	Transportation	Citywide Parking - Parking Technologies
Citywide	Transportation	Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration
Citywide	Transportation	Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade
Citywide	Transportation	Citywide Trans. Mgmt. Tech. - Transportation Technologies
Citywide	Transportation	CMAQ Contingency from Cancelled Backlick Run Multi-Use Paths
Citywide	Transportation	Complete Streets
Citywide	Transportation	DASH Bus Fleet Replacements
Citywide	Transportation	DASH Facility Expansion
Citywide	Transportation	DASH Fleet Expansion & Electrification
Citywide	Transportation	DASH Technologies
Citywide	Transportation	Electric Bus On-Route Charging Stations
Citywide	Transportation	Fixed Transportation Equipment
Citywide	Transportation	Historic Infrastructure Materials
Citywide	Transportation	Landmark Mall Transit Center
Citywide	Transportation	Safe Routes to School
Citywide	Transportation	Sidewalk Capital Maintenance
Citywide	Transportation	Smart Mobility Implementation
Citywide	Transportation	Street Reconstruction & Resurfacing of Major Roads
Citywide	Transportation	Traffic Adaptive Signal Control
Citywide	Transportation	Transit Access & Amenities
Citywide	Transportation	Transit Signal Priority
Citywide	Transportation	Transit Staffing Contingency
Citywide	Transportation	Transit Strategic Plan in Alexandria
Citywide	Transportation	Transitway Enhancements
Citywide	Transportation	Transportation Project Planning
Eisenhower East	Public Buildings	2355 Mill Road CFMP
Eisenhower East	Public Buildings	Office of the Sheriff CFMP
Eisenhower East	Stormwater Management	Hooffs Run Culvert
Eisenhower East	Transportation	Eisenhower Avenue Roadway Improvements

Reporting Area	CIP Section	Project Title
Eisenhower East	Transportation	Eisenhower Metrorail Station Improvements
Eisenhower East	Transportation	Old Cameron Run Trail
Eisenhower West	Public Buildings	Pistol Range
Eisenhower West	Recreation & Parks	Athletic Field Improvements (incl. Synthetic Turf)
Eisenhower West	Transportation	Citywide Trans. Mgmt. Tech. - Broadband Communications Link
King Street btw Quaker Lane and Menokin Drive	Transportation	King Street-Bradlee Roadway Improvements
King Street Metro/Eisenhower Ave.	Public Buildings	Union Station Improvements
King Street Metro/Eisenhower Ave.	Transportation	King Street Metrorail Station Area Improvements
Landmark/Van Dorn	Community Development	CMI Services for Landmark Development Infrastructure
Landmark/Van Dorn	Community Development	Landmark Mall Redevelopment Project
Landmark/Van Dorn	Public Buildings	Beatley Building Envelope Restoration
Landmark/Van Dorn	Public Buildings	Landmark Fire Station (formerly Fire Station 208 Replacement)
Landmark/Van Dorn	Recreation & Parks	Athletic Field Improvements (incl. Synthetic Turf)
Landmark/Van Dorn	Stormwater Management	Cameron Station Pond Retrofit
Landmark/Van Dorn	Transportation	Access Improvements at Landmark
Landmark/Van Dorn	Transportation	Landmark Mall 395 Ramp Improvements
Landmark/Van Dorn/Seminary Hill/Beauregard	Transportation	Beauregard Street Multi-Use Trail
Norrrth Ridge/Rosemont	Public Buildings	Fire Station 203 (Cameron Mills)
North Potomac Yard	Recreation & Parks	Four Mile Run Park Bridge Replacement
Old Town	Community Development	Gadsby Lighting Fixtures & Poles Replacement
Old Town	IT Plan	Council Chamber Technology Upgrade
Old Town	IT Plan	Courtroom Trial Presentation Technology
Old Town	Public Buildings	City Hall Renovation and HVAC Replacement
Old Town	Public Buildings	City Hall Swing Space
Old Town	Public Buildings	Courthouse CFMP
Old Town	Public Buildings	Market Square Plaza and Garage Structural Repairs
Old Town	Recreation & Parks	City Marina Maintenance
Old Town	Recreation & Parks	Torpedo Factory Art Center Revitalization
Old Town	Recreation & Parks	Torpedo Factory Arts Center CFMP
Old Town	Recreation & Parks	Windmill Hill Park Improvements
Old Town	Transportation	Lower King Street Street Closure
Old Town	Transportation	South Patrick Street Median Improvements
Old Town North	Sanitary Sewers	Combined Sewer Assessment & Rehabilitation
Old Town North	Transportation	Mt. Vernon Trail @ East Abingdon
Potomac West	Recreation & Parks	Athletic Field Improvements (incl. Synthetic Turf)
Potomac West	Recreation & Parks	Four Mile Run Park
Potomac West	Recreation & Parks	Four Mile Run Park Wetlands Connector Bridge
Potomac West	Recreation & Parks	Restroom Renovations
Potomac West	Recreation & Parks	Soft Surface Trails
Potomac West	Stormwater Management	Four Mile Run Channel Maintenance
Potomac West	Stormwater Management	Large Capacity - Commonwealth Ave & E. Glebe/Ashby St & Glebe Rd
Potomac West	Stormwater Management	Spot Project - Hume Avenue Bypass
Potomac West	Stormwater Management	Spot Project - Mt. Vernon Cul-de-sac and Alley
Potomac West	Transportation	Four Mile Run Bridge Program
Potomac West	Transportation	Mt. Vernon Avenue North Complete Streets
Potomac Yard/Potomac Greens	Recreation & Parks	Athletic Field Improvements (incl. Synthetic Turf)
Potomac Yard/Potomac Greens	Recreation & Parks	Potomac Yard Park Basketball Court Lights
Potomac Yard/Potomac Greens	Recreation & Parks	Restroom Renovations
Potomac Yard/Potomac Greens	Transportation	East Glebe & Route 1
Potomac Yard/Potomac Greens	Transportation	Transit Corridor "A" - Route 1
Potomac Yard/Potomac Greens, North Potomac Yard	Transportation	Potomac Yard Metrorail Station
Regional	Other Regional Contributions	Northern Virginia Regional Park Authority (NVRPA)
Regional	WMATA Capital Contributions	WMATA Capital Contributions
Seminary Hill/Strawberry Hill	Public Buildings	Alexandria Police CFMP
Seminary Hill/Strawberry Hill	Public Buildings	Burke Branch Renovation
Seminary Hill/Strawberry Hill	Public Buildings	Health Department CFMP
Seminary Hill/Strawberry Hill	Public Buildings	Minnie Howard Campus Project
Seminary Hill/Strawberry Hill	Public Buildings	Vola Lawson Animal Shelter
Seminary Hill/Strawberry Hill	Public Buildings	Witter/Wheeler - Fuel Island Renovation
Seminary Hill/Strawberry Hill	Public Buildings	Witter/Wheeler Campus Funding Reservation
Seminary Hill/Strawberry Hill	Recreation & Parks	Athletic Field Improvements (incl. Synthetic Turf)
Seminary Hill/Strawberry Hill	Recreation & Parks	Cameron Run Regional Park Feasibility Study
Seminary Hill/Strawberry Hill	Recreation & Parks	Fort Ward Management Plan Implementation
Seminary Hill/Strawberry Hill	Recreation & Parks	Patrick Henry Recreation Center
Seminary Hill/Strawberry Hill	Recreation & Parks	Patrick Henry Turf Fields and Recreation Center

Reporting Area	CIP Section	Project Title
Seminary Hill/Strawberry Hill	Recreation & Parks	Restroom Renovations
Seminary Hill/Strawberry Hill	Stormwater Management	Strawberry Run Stream Restoration
Seminary Hill/Strawberry Hill	Transportation	Seminary / Howard Safety Improvements
Southwest Quadrant	Public Buildings	Fire Training Center Renovation
Southwest Quadrant	Public Buildings	Lee Center CFMP
Southwest Quadrant	Public Buildings	New Burn Building
Southwest Quadrant	Recreation & Parks	Americans with Disabilities Act (ADA) Requirements
Southwest Quadrant	Sanitary Sewers	AlexRenew Wastewater Treatment Plant Capacity
Taylor Run/Duke Street	IT Plan	Impound Lot System Replacement
Taylor Run/Duke Street	Public Buildings	2900-B Business Warehouse
Taylor Run/Duke Street	Public Buildings	Alexandria Transit - DASH CFMP
Taylor Run/Duke Street	Public Buildings	Fire Station 207 (Duke Street)
Taylor Run/Duke Street	Public Buildings	Fleet Building CFMP
Taylor Run/Duke Street	Public Buildings	Witter/Wheeler Campus Funding Reservation
Taylor Run/Duke Street	Recreation & Parks	Athletic Field Improvements (incl. Synthetic Turf)
Taylor Run/Duke Street	Recreation & Parks	Chinquapin Recreation Center CFMP
Taylor Run/Duke Street	Recreation & Parks	Douglas MacArthur School - Recreation & Parks Programming Space
Taylor Run/Duke Street	Stormwater Management	Taylor Run Stream Restoration
Taylor Run/Duke Street	Transportation	Duke Street and West Taylor Run Safety Improvements
Taylor Run/Duke Street	Transportation	Transit Corridor "B" - Duke Street
Waterfront	Community Development	Oronoco Outfall Remediation Project
Waterfront	Community Development	Waterfront Small Area Plan Implementation (w/ Construction Funding)
Waterfront	Recreation & Parks	Waterfront Parks CFMP
Braddock Road Metro Station	Public Buildings	119 North Alfred Street Parking Garage
Northridge / Rosemont	Stormwater Management	Large Capacity - Hooffs Run Culvert Bypass



## Appendix C: FY 2023 – 2032 Capital Projects Requested vs. Proposed

The following pages provide a summary all capital projects reviewed during the FY 2023 – FY 2032 Capital Improvement Program (CIP) development process, the amount included for each project as requested by departments and the amount funded in City Manager’s Proposed FY 2023 – FY 2032 CIP.

<b>CIP Section/Project</b>	<b>Requested</b>	<b>Proposed</b>	<b>DELTA (Proposed MINUS Requested)</b>
ACPS			
ACPS Capital Program	495,004,800	497,804,800	2,800,000
CIP Development & Implementation Staff			
Capital Budget Staff (1.50 FTE)	2,534,000	2,534,000	-
Capital Procurement Personnel (8.10 FTE)	12,615,000	12,665,000	50,000
Capital Project Development Team (2.00 FTE)	2,759,000	2,759,000	-
Capital Project Implementation Non-Personnel Expenditures	3,717,000	3,717,000	-
Capital Project Implementation Personnel (32.00 FTE)	60,179,000	66,378,457	6,199,457
General Services Capital Projects Staff (7.80)	13,594,000	13,595,000	1,000
IT Systems Implementation Staff (2.50 FTE)	4,159,000	3,959,000	(200,000)
Open Space Management Staff (2.00 FTE)	3,448,000	3,449,300	1,300
Public Private Partnerships Coordinator (0.50 FTE)	1,541,000	1,541,000	-
Community Development			
Affordable Housing Funding	80,607,842	76,218,000	(4,389,842)
Braddock Road Area Plan - Streetscape Improvements	900,000	900,000	-
Citywide Electric Vehicle Charging Stations	11,895,616	9,466,100	(2,429,516)
Citywide Street Lighting	287,100	287,100	-
CMI Services for Landmark Development Infrastructure	1,104,740	1,104,800	60
Development Studies	2,500,000	2,500,000	-
Dry Fire Hydrants	128,800	128,800	-
EMS Capital Items Replacement	4,632,000	-	(4,632,000)
Environmental Restoration	3,020,500	3,223,000	202,500
Fire Department Vehicles & Apparatus	31,452,921	31,453,100	179
Fire Hydrant Maintenance Program	5,049,857	5,049,900	43
Gadsby Lighting Fixtures & Poles Replacement	1,391,300	1,391,300	-
Knox Box Replacement	616,474	616,500	26
Landmark Mall Redevelopment Project	109,000,000	119,000,000	10,000,000
Office of Historic Alexandria Initiatives	1,226,300	1,226,300	-
Oronoco Outfall Remediation Project	9,750,000	9,760,000	10,000
Police Body Worn Cameras	TBD	TBD	-
Project Budgeting Excellence	6,183,800	6,183,800	-
Public Art Acquisition	5,000,000	5,000,000	-
Public Art Conservation Program	608,000	608,000	-
SCBA Compressor	157,300	157,300	-
SCBA Fleet Replacement	9,104,200	9,104,200	-
Stream Valley Design Guidelines	273,300	273,300	-
Transportation Signage & Wayfinding System	-	-	-
Waterfront Small Area Plan Implementation (w/ Construction Funding)	255,540,000	83,241,000	(172,299,000)
IT Plan			
AJIS System	8,871,000	5,189,000	(3,682,000)
Business Tax System/Reciprocity Contractor System	1,130,000	-	(1,130,000)
Computer Aided Dispatch (CAD) System Replacement	14,467,662	7,204,000	(7,263,662)
Computerized Maintenance Management System (CMMS)	165,600	165,600	-
Connectivity Initiatives	2,586,100	2,586,100	-
Council Chamber Technology Upgrade	1,680,000	1,380,000	(300,000)
Courtroom Trial Presentation Technology	760,000	210,000	(550,000)
Customer Relationship Management System	1,100,000	200,000	(900,000)
Data Quality and Intelligence Platforms	3,160,000	800,000	(2,360,000)
Database Infrastructure	400,000	120,000	(280,000)
DCHS Integrated Client Information System	3,000,000	1,400,000	(1,600,000)
Document Imaging	140,000	130,000	(10,000)
Electronic Citations Implementation	-	-	-
Electronic Government/Web Page	3,300,000	1,675,000	(1,625,000)
Emergency 911 Phone System Upgrade	1,395,000	255,000	(1,140,000)
Enterprise Camera System	60,000	60,000	-
Enterprise Collaboration	440,000	440,000	-
Enterprise Data Storage Infrastructure	6,700,000	4,189,000	(2,511,000)
Enterprise Maintenance Mgmt System	420,000	180,000	(240,000)
Enterprise Resource Planning System	5,070,000	510,000	(4,560,000)
Enterprise Service Catalog	650,000	360,000	(290,000)

CIP Section/Project	Requested	Proposed	DELTA (Proposed MINUS Requested)
Fire Dept RMS	550,000	-	(550,000)
Fire Emergency Operations Center Technology	742,000	371,000	(371,000)
Fleet Management System	-	-	-
FOIA System Replacement	25,000	-	(25,000)
GIS Development	525,000	525,000	-
HIPAA & Related Health Information Technologies	285,000	285,000	-
Impound Lot System Replacement	50,000	-	(50,000)
Information Technology Equipment Replacement	9,949,000	9,949,000	-
Information Technology Lump Sum Funding	33,000,000	26,100,000	(6,900,000)
LAN Development	250,000	225,000	(25,000)
LAN/WAN Infrastructure	10,455,841	9,426,000	(1,029,841)
Library Information Technology Equipment Replacement	731,800	731,800	-
Library Public Access Computers and Print Mgmt System	193,700	193,700	-
Library Scanning Equipment and DAMS	170,400	170,400	-
Library Self-Service Stations/Equipment	-	-	-
Migration of Integrated Library System to SAAS Platform	753,695	753,800	105
Municipal Fiber	4,276,500	3,526,500	(750,000)
Network Security	4,755,000	4,755,000	-
Network Server Infrastructure	2,200,000	2,200,000	-
Office of Voter Registrations and Elections Equipment Replacement	1,001,800	1,001,800	-
OHA Point-of-Sale System Replacement	434,378	401,800	(32,578)
OHA Records Management System Replacement	152,300	141,300	(11,000)
Parking Citation System Replacement	-	-	-
Permit Processing	-	-	-
Personal Property Tax System	800,000	600,000	(200,000)
Phone, Web, Portable Device Payment Portals	250,000	250,000	-
Project Management Software	450,000	200,000	(250,000)
RADAR Vehicle Tax Evader Reporting System	20,000	-	(20,000)
Radio System Upgrade	10,919,600	10,023,262	(896,338)
Real Estate Account Receivable System	375,000	375,000	-
Real Estate Assessment System (CAMA)	150,000	150,000	-
Recreation Database System	100,000	100,000	-
Remote Access	1,225,000	1,225,000	-
Small Systems Replacements	1,380,000	130,000	(1,250,000)
Time & Attendance System Upgrade	200,000	200,000	-
Upgrade Work Station Operating Systems	2,965,000	2,965,000	-
Voice Over Internet Protocol (VoIP)	2,115,000	2,115,000	-
Other Regional Contributions			
Northern Virginia Regional Park Authority (NVRPA)	4,993,098	4,993,100	2
Public Buildings			
119 North Alfred Street Parking Garage	1,105,400	1,058,800	(46,600)
2355 Mill Road CFMP	-	-	-
2900-B Business Warehouse	1,163,300	1,140,400	(22,900)
Alexandria Police CFMP	31,761,700	4,263,100	(27,498,600)
Alexandria Transit - DASH CFMP	573,600	573,600	-
Beatley Building Envelope Restoration	-	-	-
Burke Branch Renovation	-	-	-
Capital Planning & Building Assessment (Condition Assessment)	1,369,000	1,045,800	(323,200)
City Facility Security Infrastructure CFMP	1,007,100	1,007,100	-
City Hall Renovation and HVAC Replacement	68,114,600	70,095,500	1,980,900
City Hall Swing Space	34,611,335	35,347,800	736,465
City Historic Facilities CFMP	34,660,800	14,925,100	(19,735,700)
Courthouse CFMP	3,726,900	2,822,700	(904,200)
Courthouse/PSC Security System Upgrade	5,313,100	5,313,100	-
DASH Upper Deck Repairs	3,000,000	3,000,000	-
DCHS Consolidation and Co-Location	73,200,000	73,200,000	-
Emergency Power Systems	8,527,800	5,451,300	(3,076,500)
Energy Management Program	15,728,900	9,247,500	(6,481,400)
Fire & Rescue CFMP	12,062,000	4,225,900	(7,836,100)
Fire Station 205 (Cameron Street)	28,355,500	28,706,300	350,800

<b>CIP Section/Project</b>	<b>Requested</b>	<b>Proposed</b>	<b>DELTA (Proposed MINUS Requested)</b>
Fire Station 206	30,984,700	-	(30,984,700)
Fire Station 207 (Duke Street)	18,364,400	-	(18,364,400)
Fire Training Center Renovation	6,913,600	1,216,800	(5,696,800)
Fleet Building CFMP	10,373,700	1,350,000	(9,023,700)
Freedom House Museum Restoration	6,954,000	846,000	(6,108,000)
Gadsby's Tavern Restaurant Equipment	360,600	360,600	-
General Services CFMP	5,181,000	3,150,000	(2,031,000)
Health Department CFMP	6,136,000	-	(6,136,000)
Landmark Fire Station (formerly Fire Station 208 Replacement)	17,975,300	23,351,300	5,376,000
Lee Center CFMP	-	-	-
Library CFMP	41,170,882	7,464,300	(33,706,582)
Library Facilities Master Plan	220,000	220,000	-
Library Lending Kiosk	1,960,300	-	(1,960,300)
Lyceum Interior Renovation & Site Repairs	222,900	-	(222,900)
Market Square Plaza and Garage Structural Repairs	4,700,000	4,957,000	257,000
Mental Health Residential Facilities CFMP	12,077,800	2,700,000	(9,377,800)
Minnie Howard Campus Project	12,093,300	12,093,300	-
Murray-Dick-Fawcett House Restoration	7,446,000	-	(7,446,000)
New Burn Building	2,928,100	3,015,900	87,800
Office of the Sheriff CFMP	14,200,000	14,126,000	(74,000)
Parking Garages CFMP	-	-	-
PSC Fuel Station Refurbishment	1,218,600	1,218,600	-
PSC Visitor Center Expansion	1,811,000	-	(1,811,000)
PSC William G. Truesdale Adult Detention Center CFMP	2,345,500	-	(2,345,500)
Roof Replacement Program	7,033,100	7,033,100	-
Tactical Training Space	-	-	-
Union Station Improvements	250,000	250,000	-
Vola Lawson Animal Shelter	4,790,600	1,383,000	(3,407,600)
Witter/Wheeler - Fuel Island Renovation	2,000,000	2,000,000	-
Witter/Wheeler Campus Funding Reservation	83,926,800	14,576,800	(69,350,000)
<b>Recreation &amp; Parks</b>			
Americans with Disabilities Act (ADA) Requirements	1,302,300	1,073,700	(228,600)
Armistead Boothe Park Trail Surface Conversion	1,509,500	226,000	(1,283,500)
Athletic Field Improvements (incl. Synthetic Turf)	44,380,950	22,055,600	(22,325,350)
Ball Court Renovations	2,088,200	1,914,200	(174,000)
Braddock Area Plan Park	4,563,900	-	(4,563,900)
Cameron Run Regional Park Feasibility Study	291,800	291,800	-
Chinquapin Recreation Center CFMP	7,602,200	7,602,200	-
City Marina Maintenance	703,100	487,300	(215,800)
Citywide Parks Improvements Plan	3,843,900	764,800	(3,079,100)
Community Matching Fund	1,800,000	700,000	(1,100,000)
Dora Kelly Fair-Weather Crossing Replacement with Bridge	5,577,500	595,000	(4,982,500)
Douglas MacArthur School - Recreation & Parks Programming Space	-	-	-
Douglass Cemetery Restoration	3,733,500	3,105,000	(628,500)
Fort Ward Management Plan Implementation	3,996,950	3,858,500	(138,450)
Four Mile Run Park	21,460,100	17,361,000	(4,099,100)
Four Mile Run Park Bridge Replacement	1,293,779	1,293,800	21
Holmes Run Trail Repairs	1,200,000	1,200,000	-
Neighborhood Pool Demolition and Conversion	-	-	-
Old Town Pool	10,288,973	10,289,000	27
Open Space Acquisition and Develop.	14,073,500	3,623,000	(10,450,500)
Park Renovations CFMP	5,335,720	3,623,400	(1,712,320)
Patrick Henry Turf Fields and Recreation Center	2,599,960	2,600,000	40
Pavement in Parks	3,059,900	2,138,200	(921,700)
Playground Renovations CFMP	13,458,000	9,608,500	(3,849,500)
Proactive Maintenance of the Urban Forest	7,530,001	3,815,300	(3,714,701)
Public Pools	1,333,500	1,333,500	-
Recreation Center Market Response and Program Support	4,707,200	50,000	(4,657,200)
Recreation Centers CFMP	23,279,400	23,279,400	-
Restroom Renovations	5,714,910	1,788,300	(3,926,610)

<b>CIP Section/Project</b>	<b>Requested</b>	<b>Proposed</b>	<b>DELTA (Proposed MINUS Requested)</b>
Shared-Use Paths	945,900	600,000	(345,900)
Soft Surface Trails	1,519,600	713,000	(806,600)
Torpedo Factory Art Center Revitalization	3,000,000	3,045,000	45,000
Torpedo Factory Arts Center CFMP	16,383,800	16,383,800	-
Tree & Shrub Capital Maintenance	4,514,600	4,136,700	(377,900)
Water Management & Irrigation	1,647,200	1,309,100	(338,100)
Waterfront Parks CFMP	648,100	590,100	(58,000)
Windmill Hill Park Improvements	7,085,000	5,646,100	(1,438,900)
Windmill Hill Park Northern Pier Construction	561,000	-	(561,000)
<b>Sanitary Sewers</b>			
AlexRenew Wastewater Treatment Plant Capacity	2,400,000	2,400,000	-
Combined Sewer Assessment & Rehabilitation	4,130,000	4,130,000	-
Combined Sewer Wet Weather Mitigation	10,500,000	10,500,000	-
Reconstructions & Extensions of Sanitary Sewers	8,100,000	8,100,000	-
Sanitary Sewer Asset Renewal Program	36,000,000	36,000,000	-
Sanitary Sewer Stream Crossing Protection	5,706,100	5,706,100	-
Sanitary Sewer Wet Weather Mitigation	10,500,000	10,500,000	-
<b>Stormwater Management</b>			
Braddock and West Flood Management	198,000	198,000	-
Floodproofing Grant Program	8,640,000	8,640,000	-
Four Mile Run Channel Maintenance	6,287,900	6,287,900	-
Green Infrastructure	1,549,000	1,549,600	600
Hooffs Run Culvert	4,126,000	4,126,000	-
Inspection and Cleaning (State of Good Repair) CFMP	20,385,000	20,721,000	336,000
Large Capacity - Commonwealth Ave & E. Glebe/Ashby St & Glebe Rd	39,040,100	39,040,100	-
Large Capacity - Hooffs Run Culvert Bypass	48,528,200	48,528,200	-
MS4-TDML Compliance Water Quality Improvements	17,825,000	17,825,000	-
NPDES / MS4 Permit	1,594,700	1,594,700	-
Phosphorus Exchange Bank	-	-	-
Small-Midsize Stormwater Maintenance Projects	7,507,929	7,508,000	71
Spot Project - Hume Avenue Bypass	-	-	-
Spot Project - Mt. Vernon Cul-de-sac and Alley	-	-	-
Storm Sewer Capacity Projects	68,875,000	68,875,000	-
Storm Sewer System Spot Improvements	43,815,000	46,188,000	2,373,000
Stormwater BMP Maintenance CFMP	7,262,934	7,263,000	66
Strawberry Run Stream Restoration	-	-	-
Stream & Channel Maintenance	10,100,200	10,100,200	-
Taylor Run Stream Restoration	-	-	-
<b>Transportation</b>			
Access Improvements at Landmark	6,814,560	6,814,600	40
Alexandria Mobility Plan	750,000	750,000	-
Bridge Repairs	47,363,000	49,839,988	2,476,988
Bus Shelter Maintenance	1,295,700	1,295,700	-
Capital Bikeshare	1,086,182	1,286,182	200,000
Citywide Parking - Parking Technologies	250,000	250,000	-
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	3,450,589	3,720,589	270,000
Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade	2,358,600	2,280,400	(78,200)
Citywide Trans. Mgmt. Tech. - Transportation Technologies	2,574,200	2,470,100	(104,100)
CMAQ Contingency from Cancelled Backlick Run Multi-Use Paths	-	-	-
Complete Streets	8,988,100	9,010,400	22,300
DASH Bus Fleet Replacements	108,728,200	105,005,300	(3,722,900)
DASH Electronic Fare Payment	-	-	-
DASH Facility Expansion	13,934,000	4,209,000	(9,725,000)
DASH Fleet Expansion & Electrification	33,590,000	29,190,300	(4,399,700)
DASH Scheduling Software	-	-	-
DASH Technologies	3,229,100	3,229,100	-
Duke Street and West Taylor Run Safety Improvements	3,906,000	3,906,000	-
East Glebe & Route 1	3,463,000	3,463,000	-
Electric Bus On-Route Charging Stations	4,849,600	4,849,600	-
Fixed Transportation Equipment	12,605,900	12,805,900	200,000

CIP Section/Project	Requested	Proposed	DELTA (Proposed MINUS Requested)
Four Mile Run Bridge Program	17,710,000	7,500,000	(10,210,000)
Historic Infrastructure Materials	5,429,025	4,738,200	(690,825)
King & Beauregard Intersection Improvements	2,300,000	2,300,000	-
King Street-Bradlee Roadway Improvements	2,214,900	2,215,000	100
Landmark Mall 395 Ramp Improvements	8,842,200	8,842,200	-
Landmark Mall Transit Center	12,997,200	12,997,200	-
Lower King Street Street Closure	3,892,000	2,387,000	(1,505,000)
Mt. Vernon Avenue North Complete Streets	1,000,000	1,000,000	-
Old Cameron Run Trail	4,814,000	4,814,000	-
Safe Routes to School	4,745,800	4,745,800	-
Seminary Road at Beauregard Street Ellipse	36,750,000	36,750,000	-
Sidewalk Capital Maintenance	8,264,024	8,264,100	76
Smart Mobility Implementation	3,306,400	4,189,400	883,000
South Patrick Street Median Improvements	4,281,000	3,381,000	(900,000)
Street Reconstruction & Resurfacing of Major Roads	77,600,000	63,420,000	(14,180,000)
Traffic Adaptive Signal Control	2,410,000	2,953,000	543,000
Transit Access & Amenities	400,000	400,000	-
Transit Corridor "A" - Route 1	10,000,000	10,000,000	-
Transit Corridor "B" - Duke Street	75,000,000	75,000,000	-
Transit Corridor "C" - West End Transitway	66,229,000	66,229,000	-
Transit Signal Priority	2,143,100	2,110,000	(33,100)
Transit Staffing Contingency	-	-	-
Transit Strategic Plan in Alexandria	-	-	-
Transitway Enhancements	-	-	-
Transportation Project Planning	2,800,000	2,600,000	(200,000)
WMATA Capital Contributions			
WMATA Capital Contributions	181,785,000	181,785,000	-
<b>Grand Total</b>	<b>3,310,094,927</b>	<b>2,725,048,078</b>	<b>(585,046,849)</b>

## Appendix D: Operating Impacts

The following table indicates the FY 2023 – FY 2032 anticipated Operating Budget impacts resulting from implementation of the approved capital projects. Where applicable, a dollar amount impact is shown. All operating impacts are estimated and will be considered for inclusion in the annual operating budget in the appropriate fiscal year. In some cases, operating budget efficiencies or reductions in other areas may offset additional operating costs.

Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
<b>Community Development</b>											
Neighborhood Planning											
Waterfront Small Area Plan Implementation (w/ Construction Funding)	-	498,500	651,400	671,000	1,100,900	1,134,000	1,168,100	1,203,100	1,239,100	1,276,300	9,426,275
Neighborhood Planning Total	-	498,500	651,400	671,000	1,100,900	1,134,000	1,168,100	1,203,100	1,239,100	1,276,300	9,426,275
Waterways Maintenance & Improvements											
Oronoco Outfall Remediation Project	-	155,000	160,000	165,000	170,000	175,000	180,000	185,000	190,000	19,500	1,399,500
Waterways Maintenance & Improvements Total	-	155,000	160,000	165,000	170,000	175,000	180,000	185,000	190,000	19,500	1,399,500
Community Development Total	-	653,500	811,400	836,000	1,270,900	1,309,000	1,348,100	1,388,100	1,429,100	1,295,800	10,825,775
<b>IT Plan</b>											
Financial Systems											
Personal Property Tax System	-	114,000	120,000	125,000	130,000	135,000	140,000	145,000	150,000	155,000	1,214,000
Financial Systems Total	-	114,000	120,000	125,000	130,000	135,000	140,000	145,000	150,000	155,000	1,214,000
Network Services											
Enterprise Camera System	-	130,000	135,500	141,200	147,600	153,800	160,300	167,000	174,100	181,600	1,391,100
Voice Over Internet Protocol (VoIP)	-	144,900	152,100	159,800	167,700	176,100	184,900	194,200	203,900	214,100	1,597,700
Network Services Total	-	274,900	287,600	301,000	315,300	329,900	345,200	361,200	378,000	395,700	2,988,800
Other System Development Projects											
Computerized Maintenance Management System (CMMS)	-	143,500	147,000	150,500	154,200	157,900	161,800	165,700	167,400	169,100	1,417,100
Data Quality and Intelligence Platforms	-	-	-	-	-	130,000	136,500	143,300	150,500	158,000	718,300
Library Scanning Equipment and DAMS	-	13,000	14,300	-	15,800	16,600	17,400	18,300	-	13,000	108,400
Other System Development Projects Total	-	156,500	161,300	150,500	170,000	304,500	315,700	327,300	317,900	340,100	2,243,800
Public Safety Systems											
Courtroom Trial Presentation Technology	-	5,000	8,200	8,400	8,600	8,900	9,200	9,400	9,700	10,000	77,400
Emergency 911 Phone System Upgrade	-	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	810,000
Fire Dept RMS	-	90,100	92,800	95,600	98,500	101,400	137,500	141,600	145,900	150,200	1,053,600
Public Safety Systems Total	-	185,100	191,000	194,000	197,100	200,300	236,700	241,000	245,600	250,200	1,941,000
IT Plan Total	-	730,500	759,900	770,500	812,400	969,700	1,037,600	1,074,500	1,091,500	1,141,000	8,387,600
<b>Public Buildings</b>											
Public Health & Welfare Facilities											
DCHS Consolidation and Co-Location	-	3,592,400	3,631,900	3,673,400	3,716,900	3,762,600	3,810,600	3,861,000	3,913,900	3,969,400	33,932,100
Public Health & Welfare Facilities Total	-	3,592,400	3,631,900	3,673,400	3,716,900	3,762,600	3,810,600	3,861,000	3,913,900	3,969,400	33,932,100
Public Safety Facilities											
Courthouse/PSC Security System Upgrade	-	-	-	-	-	-	-	-	-	107,400	107,400
Public Safety Facilities Total	-	-	-	-	-	-	-	-	-	107,400	107,400
Public Buildings Total	-	3,592,400	3,631,900	3,673,400	3,716,900	3,762,600	3,810,600	3,861,000	3,913,900	4,076,800	34,039,500
<b>Recreation &amp; Parks</b>											
Aquatics Facilities											
Old Town Pool	-	-	-	-	170,700	170,700	170,700	170,700	170,700	170,700	1,024,200
Aquatics Facilities Total	-	-	-	-	170,700	170,700	170,700	170,700	170,700	170,700	1,024,200
Park Maintenance & Improvements											
Athletic Field Improvements (incl. Synthetic Turf)	-	-	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	120,000
Park Maintenance & Improvements Total	-	-	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	120,000
Recreation & Parks Total	-	-	15,000	15,000	185,700	185,700	185,700	185,700	185,700	185,700	1,144,200
<b>Stormwater Management</b>											
Stormwater Management											
Green Infrastructure	-	-	-	3,500	3,500	3,500	3,500	3,500	3,500	3,500	24,500
Stormwater Management Total	-	-	-	3,500	3,500	3,500	3,500	3,500	3,500	3,500	24,500
<b>Transportation</b>											
High Capacity Transit Corridors											
Transit Corridor "B" - Duke Street	-	-	-	-	3,273,000	2,800,000	3,500,000	4,000,000	4,500,000	5,000,000	23,073,000
Transit Corridor "C" - West End Transitway	-	-	-	-	2,400,000	2,472,000	2,546,000	2,622,000	2,701,000	2,782,000	15,523,000
High Capacity Transit Corridors Total	-	-	-	-	5,673,000	5,272,000	6,046,000	6,622,000	7,201,000	7,782,000	38,596,000
Non-Motorized Transportation											
Access Improvements at Landmark	-	-	-	-	8,200	8,400	8,600	8,900	13,100	9,400	56,600
Beauregard Street Multi-Use Trail	-	-	-	-	3,200	3,000	12,100	3,500	3,200	3,700	28,700
Capital Bikeshare	-	1,450,600	1,750,500	1,853,000	1,958,600	2,067,300	2,179,300	2,294,700	2,413,600	2,536,000	18,503,600
Lower King Street Street Closure	-	25,000	75,000	125,000	175,000	250,000	257,500	265,200	273,200	281,400	1,727,300
Old Cameron Run Trail	-	-	-	-	-	-	3,000	5,900	3,200	13,700	25,800
South Patrick Street Median Improvements	-	-	3,500	3,500	2,500	2,500	2,500	2,500	2,500	2,500	22,000
Non-Motorized Transportation Total	-	1,475,600	1,829,000	1,981,500	2,147,500	2,331,200	2,463,000	2,580,700	2,708,800	2,846,700	20,364,000
Public Transit											
DASH Facility Expansion	-	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000
Landmark Mall Transit Center	-	-	-	-	-	-	40,000	40,000	40,000	40,000	160,000
Potomac Yard Metrorail Station	-	3,048,700	3,140,200	3,234,400	3,331,400	3,431,300	3,534,200	3,640,000	3,749,400	3,850,000	30,959,600
Transit Access & Amenities	-	-	12,000	24,700	25,500	24,700	25,500	24,700	25,500	24,700	187,300
Public Transit Total	-	3,148,700	3,252,200	3,359,100	3,456,900	3,556,000	3,699,700	3,804,700	3,914,900	4,014,700	32,206,900



Note: Projects with a \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2023 - FY 2032
Smart Mobility											
DASH Technologies	-	-	-	130,000	133,900	137,900	142,100	146,300	150,700	155,200	996,100
Smart Mobility Implementation	-	-	-	10,000	10,300	10,600	10,900	11,300	11,600	11,900	76,600
Traffic Adaptive Signal Control	-	-	25,000	25,750	26,523	27,318	28,138	28,982	29,851	30,747	222,309
Transit Signal Priority	-	-	12,000	13,000	14,000	15,000	16,000	17,000	18,000	19,000	124,000
Transportation Total	-	4,624,300	5,118,200	5,519,350	11,462,123	11,350,018	12,405,838	13,210,982	14,034,851	14,860,247	92,585,909
<b>Grand Total</b>	-	<b>9,600,700</b>	<b>10,336,400</b>	<b>10,817,750</b>	<b>17,451,523</b>	<b>17,580,518</b>	<b>18,791,338</b>	<b>19,723,782</b>	<b>20,658,551</b>	<b>21,563,047</b>	<b>147,007,484</b>

## Appendix E: Street, Sidewalk and Complete Streets Funding Summary

The table below summarizes the City's capital efforts, for the next three years, related to street paving, sidewalk maintenance and Complete Streets in the FY 2023 – FY 2032 CIP.

<b>Funding Source</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Complete Streets</b>			
GO Bonds	\$ 200,000	\$ 250,000	\$ 250,000
Cash Capital	\$ 471,000	\$ 548,900	\$ 578,500
Sub-Total	\$ 671,000	\$ 798,900	\$ 828,500
<b>Street Reconstruction &amp; Resurfacing of Major Roads</b>			
GO Bonds	\$ 4,910,000	\$ 4,150,000	\$ 2,750,000
TIP	\$ 700,000	\$ 1,000,000	\$ 1,000,000
VDOT Primary Extension Routes (SGR)	\$ 1,500,000	\$ -	\$ 1,500,000
Sub-Total	\$ 7,110,000	\$ 5,150,000	\$ 5,250,000
<b>Sidewalk Capital Maintenance</b>			
GO Bonds	\$ 910,500	\$ 558,900	\$ 966,800
Sub-Total	\$ 910,500	\$ 558,900	\$ 966,800
<b>Fixed Transportation Equipment (Signage/Signals/Markings Line Item)</b>			
GO Bonds	\$ 2,493,400	\$ 981,300	\$ 985,000
Cash Capital	\$ 100,000	\$ 100,000	
Sub-Total	\$ 2,593,400	\$ 1,081,300	\$ 985,000
<b>Total Consolidated Street CIP Funding</b>	<b>\$ 11,284,900</b>	<b>\$ 7,589,100</b>	<b>\$ 8,030,300</b>

<b>Expenditures</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Complete Streets</b>			
Sidewalk projects with paving projects	\$ 15,000	\$ 30,000	\$ 30,000
Street projects with paving projects	\$ 15,000	\$ 20,000	\$ 25,000
Non-paving projects	\$ 397,000	\$ 492,800	\$ 504,500
Staff	\$ 244,000	\$ 256,000	\$ 269,000
Sub-Total	\$ 671,000	\$ 798,800	\$ 828,500
<b>Street Resurfacing</b>			
Paving projects	\$ 6,960,000	\$ 4,950,000	\$ 5,100,000
Alley paving	\$ 150,000	\$ 200,000	\$ 150,000
Sub-Total	\$ 7,110,000	\$ 5,150,000	\$ 5,250,000
<b>Signage/Signals/Markings</b>			
Repair and upgrade traffic signal vehicle detection	\$ 65,000	\$ 50,000	\$ 50,000
Markings	\$ 250,000	\$ 200,000	\$ 200,000
Sub-Total	\$ 315,000	\$ 250,000	\$ 250,000
<b>Sidewalks</b>			
Sidewalk projects	\$ 910,500	\$ 558,900	\$ 966,800
Sub-Total	\$ 910,500	\$ 558,900	\$ 966,800
<b>Total Consolidated Street CIP Expenditures</b>	<b>\$ 9,006,500</b>	<b>\$ 6,757,700</b>	<b>\$ 7,295,300</b>

<b>Program</b>	<b>FY 23 Amount</b>	
	<b>dedicated to repaving</b>	<b>Percent of total funding</b>
Complete Streets	\$ 30,000	0%
Street Resurfacing	\$ 6,960,000	83%
Alleys	\$ 150,000	2%
Signage/Signals/Markings	\$ 315,000	4%
Sidewalks	\$ 910,500	11%
<b>Total</b>	<b>\$ 8,365,500</b>	<b>100%</b>