CITY OF ALEXANDRIA

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2022-2031

CITY OF Alexandria VIRGINIA

5/25/2021

City of Alexandria, Virginia
Approved FY 2022 – FY 2031
Capital Improvement
Program

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The Office of Management and Budget staff wishes to acknowledge the Office of Communications, Office of Performance & Accountability, and the Department of Human Resources for their assistance in the preparation of this budget document.

GOVERNMENT FINANCE OFFICERS ASSOCIATION

Distinguished Budget Presentation Award

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For the Fiscal Year Beginning

July 1, 2020

Christopher P. Morrill

Executive Director

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 2020.

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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Approved FY 2022 – FY 2031 Capital Improvement Program Overview

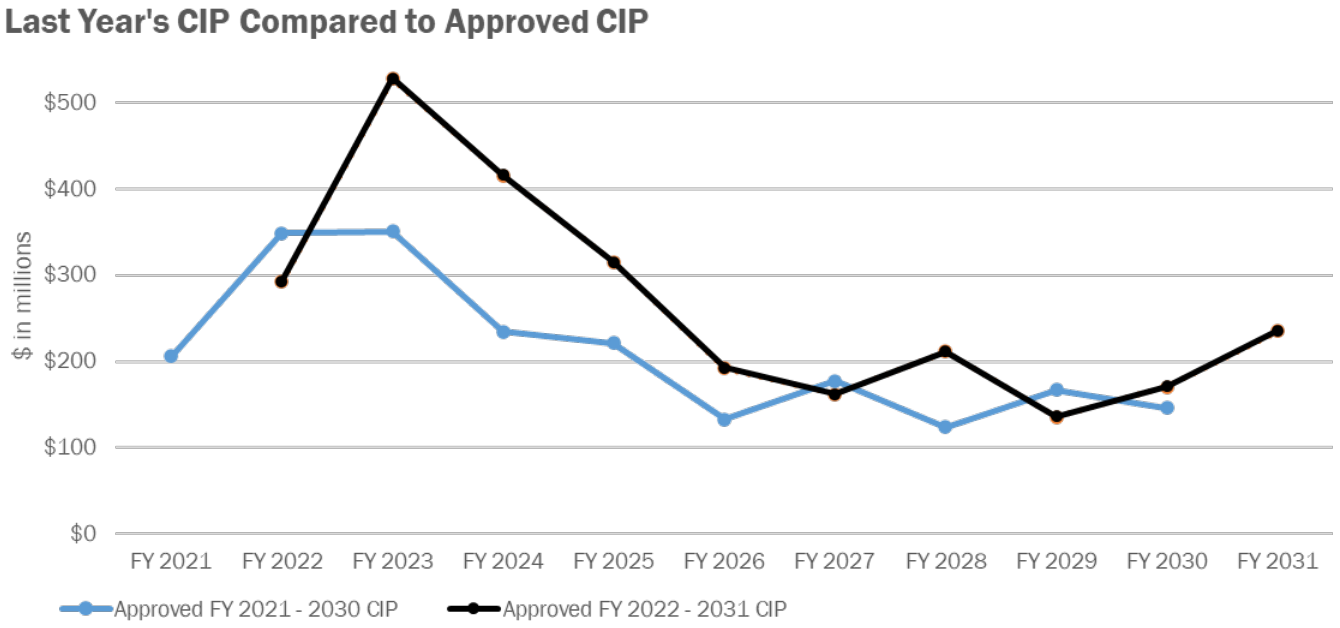
APPROVED CIP OVERVIEW

The City Council Approved FY 2022 - FY 2031 Capital Improvement Program (CIP) totals $2.66 billion, which represents a $552.8 million, or 26.2%, increase from the Approved FY 2021 – FY 2030 CIP. The increase is largely driven by a new aggressive stormwater capacity program ($266.6 million), the planned purchase of the DCHS/Health office building at Mark Center ($58.7 million), and the inclusion of the Landmark Mall site redevelopment plan City financial participation ($130 million) in the CIP.

The Approved 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) approved by City Council beginning in FY 2012 to support capital infrastructure needs and new operating costs associated with new transportation capital projects.

The Approved 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 2022 this equates to $4.0 million and over the 10-year plan, this represents a $55.8 million additional investment in Affordable Housing.

The City Council Approved FY 2022 - FY 2031 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.



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Supporting the City Strategic Structure

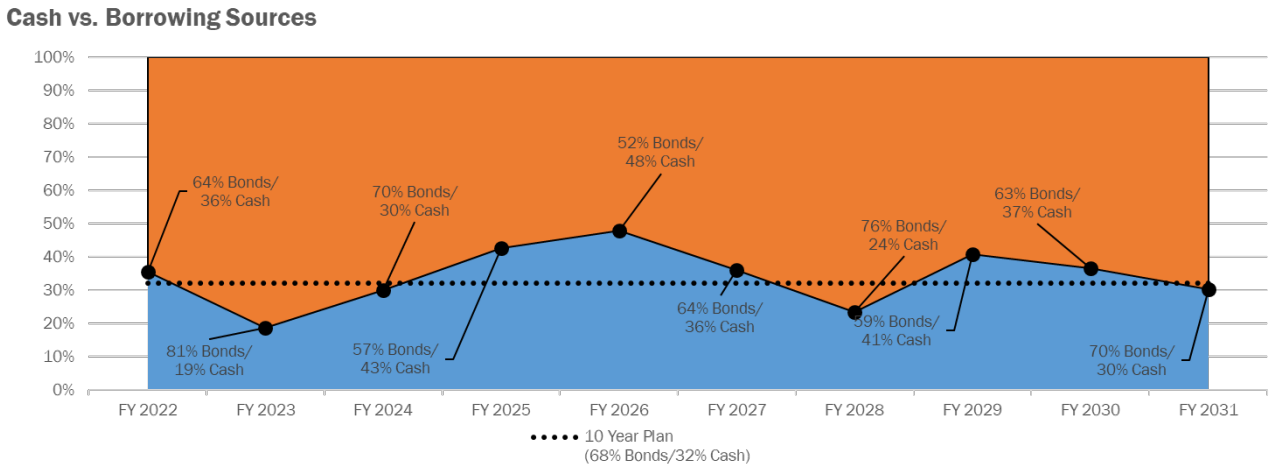
The City Council Approved FY 2022 - FY 2031 CIP supports the City's strategic plan and structure. In the Approved FY 2022 – FY 2031 Capital Improvement Program document, each individual project provides information on the primary City Strategic Theme that the project supports. By supporting these Strategic Themes, the City ensures that capital investments are being prioritized and balances the future capital infrastructure needs in the City with available resources.

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 Approved FY 2022 – FY 2031 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 ($1.752 billion) -** Includes general cash sources and General Obligation Bond revenues for the base CIP program.
- **Restricted City funds ($551.5 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 ($357.6 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 32% cash / 68% borrowing structure in this year's approved 10-year plan.



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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 very healthy. Therefore, the City's 10-Year CIP cash capital level of 32% exceeds the very 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 2021 - FY 2030	Approved FY 2022 - FY 2031	Difference
Unrestricted			
Cash Sources (Including G/F Transfer)	$ 254,618,731	$ 282,308,304	$ 27,689,573
G.O. Bonds	$ 1,319,814,528	$ 1,451,119,129	$ 131,304,601
Reprogrammed Prior Year Balances	$ 6,000,000	$ -	$ (6,000,000)
Use of CIP Designated Fund Balance	$ 19,000,000	$ 19,000,000	$ -
Subtotal, Unrestricted City Revenues	**$ 1,599,433,259**	**$ 1,752,427,433**	**$ 152,994,174**
Restricted			
Potomac Yard (Cash Sources)	$ 2,542,151	$ 2,425,500	$ (116,651)
Sanitary Sewer (Cash Sources)	$ 64,338,120	$ 64,670,000	$ 331,880
Stormwater Management (Cash Sources)	$ 25,305,639	$ 48,877,900	$ 23,572,261
Stormwater Management (GO Bonds)	$ 76,640,401	$ 226,652,000	$ 150,011,599
Use of Stormwater Fund Utility Balance	$ -	$ 3,600,000	$ 3,600,000
Use of Stormwater Tax Dedication Fund Balance	$ -	$ 1,765,000	$ 1,765,000
Transportation Improvement Program (Cash Sources)	$ 16,610,004	$ 17,726,967	$ 1,116,963
Meals Tax Dedication for Affordable Housing	$ 54,841,000	$ 55,772,000	$ 931,000
Landmark Redevelopment Supported Bonds	$ -	$ 130,000,000	$ 130,000,000
Code Fund Balance	$ 1,700,000	$ -	$ (1,700,000)
Subtotal, Restricted City Revenues	**$ 241,977,315**	**$ 551,489,367**	**$ 309,512,052**
Non-City			
NVTA 70%	$ 2,200,000	$ 77,200,000	$ 75,000,000
NVTA 30%	$ 28,973,000	$ 43,911,100	$ 14,938,100
Other State and Federal Grants	$ 194,302,474	$ 196,983,437	$ 2,680,963
Private Capital Contributions	$ 38,076,186	$ 37,500,000	$ (576,186)
Comcast Revenues	$ 3,700,000	$ 2,000,000	$ (1,700,000)
Subtotal, Non-City Revenues	**$ 267,251,660**	**$ 357,594,537**	**$ 90,342,877**
Total, All Revenue Sources	**$ 2,108,662,234**	**$ 2,661,511,337**	**$ 552,849,103**

Notes:

1. The Approved FY 2022 Capital Budget identifies $188.7 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 address borrowing deferred in FY 2020 and FY 2021 (approximately $165 million).
2. The Approved CIP reflects a significant increase in investment in flood mitigation and stormwater infrastructure which was presented to City Council in January 2021. Compared to the previous approved CIP, $176.5 million in additional stormwater and flood mitigation infrastructure investment needs have been identified.
3. The Approved CIP reflects the award of a $75.0 million grant from NVTA 70% funds for the Transit Corridor "B" Duke Street project.
4. The Approved CIP reflects the $130 million City investment in land acquisition ($54 million) and infrastructure investments ($76 million) to support the redevelopment of the Landmark Mall area. It is contemplated that the infrastructure investments will be financed with borrowing, serviced 100% by the increased in real estate tax property value generated by the redevelopment of this site.

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Project Categorization

The Approved FY 2022 – FY 2031 CIP addresses four broad areas of expenditure:

- Protection of the City's investment in existing public facilities or 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 Approved FY 2022 – FY 2031 CIP is consistent with capital plans from recent years in that it places a strong 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.

Project Category	Total FY 2022 - 2031
Category 1 - Asset Maintenance	$ 972,357,000
Category 2 - Renovations/Existing Assets	$ 194,121,200
Category 3 - New Facilities	$ 660,873,737
Alexandria City Public Schools (Category 1, 2, & 3 Projects)	$ 551,483,000
Information Technology Plan	$ 118,991,600
Affordable Housing	$ 68,978,000
CIP Development & Implementation Staff	$ 94,706,800
Total, All Categories	**$ 2,661,511,337**

Similar to FY 2021, 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 approved 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 $5.5 million per year, and the $1 million per year for 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

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- **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 approved CIP reflects a vision for the City's future. The FY 2022 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 $660.9 million in Category 3 projects, $247.2 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 ($102.0 million);
- Funding to continue improvements to City athletic fields and conversions to synthetic turf ($25.4 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 ($81.6 million).

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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 2022 – FY 2031

The Approved FY 2022 – FY 2031 CIP is largely consistent with- and follows the guidelines outlined during the development of the Approved FY 2021 – FY 2031 CIP. These guidelines included:

- Using the previously approved CIP as the “base” for the Proposed FY 2022 – FY 2031 CIP;
- Incorporating City Council guidance and policy directions into the plan;
- 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.

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Development of Approved CIP

The development of the Approved FY 2022 – FY 2031 CIP began in August 2020, with the submission of project change requests by departments. The Approved CIP represents an 'off-year', where major revisions to projects are not contemplated for the majority of projects. Departments were asked to limit project changes to the following circumstances:

- The project is being delayed and funding is no longer needed on the schedule originally approved;
- The project has had a change in the amount and/or timing of Non-City funding;
- A significant change in estimated project cost/timing has been identified and cannot wait for the next full CIP development process;
- The project's timing/scope was impacted by the COVID-19 public health emergency; or,
- The project represented a direct investment in supporting the City's recovery from the COVID-19 public health emergency.

Project submission forms were due in mid-September 2020.

During the fall of 2020, 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 2022 – FY 2031 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 2020, 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 2020/winter 2021 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 2021. Subsequently, the City manager worked with OMB to finalize the project composition and funding levels recommended in the Proposed FY 2022 – FY 2031 CIP for presentation to City Council on February 16, 2021.

City Council and City staff held a series of budget worksessions in February, March, and April to provide additional detail on the proposed budgets. Council had the opportunity to make changes to the Operating Budget and CIP through two Add/Delete meetings and then approved the operating budget and CIP on May 5th.

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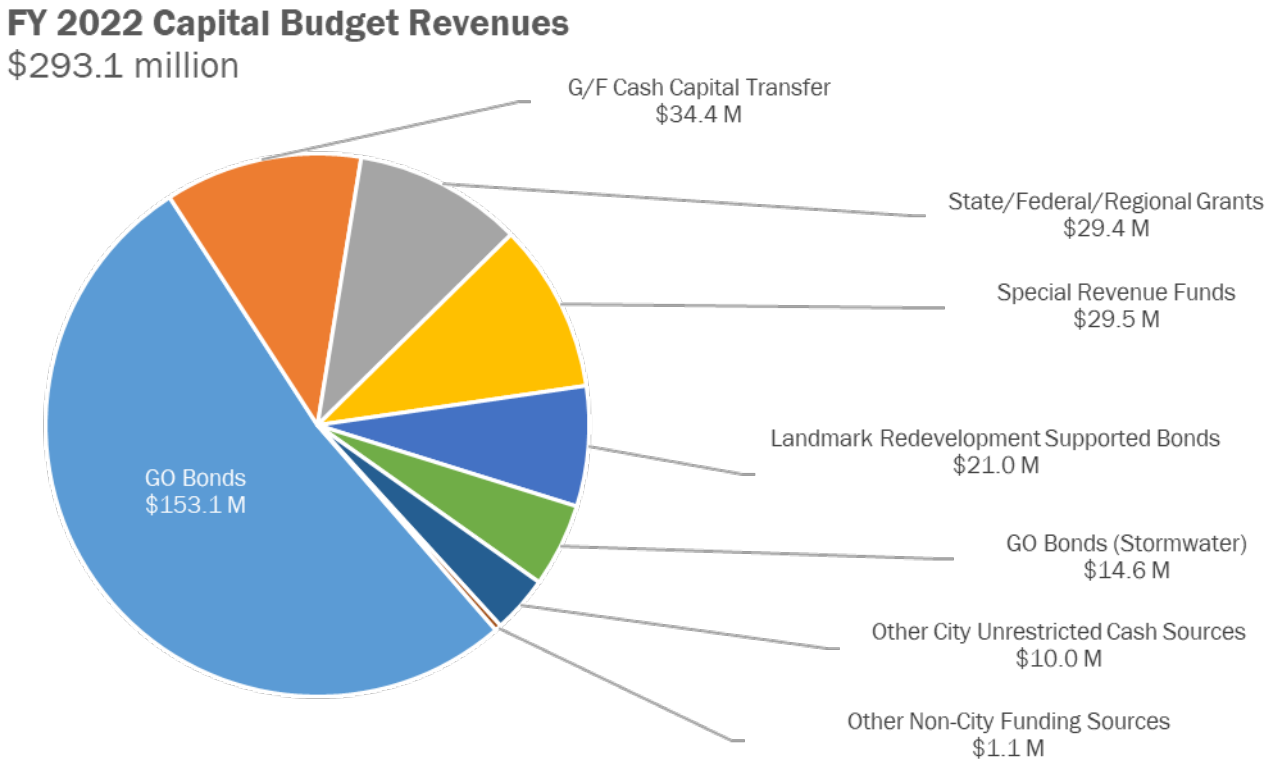
FY 2022 APPROVED CIP SOURCES AND USES

FY 2022 Capital Year Budget Revenues (Sources)

The total approved single year capital budget for FY 2022 is $292.1 million; a $55.5 million decrease from FY 2022 in last year's approved CIP, which is largely attributable to updating the project funding schedule for the Waterfront Small Area Plan Implementation project, which moved the majority of construction funding to FY 2023 – FY 2024. **A listing of all revenues included in the FY 2022 – FY 2031 CIP including the FY 2022 Capital Year Budget can be found in the Summary Funding Tables section of the Full CIP Document.**



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Revenue highlights of the Approved FY 2022 Capital Year Budget expenditures include:

- FY 2022 revenues are split between borrowing (64.4%) and cash sources (35.6%). 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 very healthy.
- The General Fund Cash Capital Transfer (excluding dedicated TIP cash capital) amount is $33.6 million, or 4.4% 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 $15.4 million).
- The Approved CIP continues to reflect the one percent increase in the restaurant and meals tax that was approved by City Council beginning in FY 2019 and was dedicated to investments in Affordable Housing. This dedication totals $4.0 million in FY 2022.
- The Approved FY 2022 CIP includes $8.7 million in revenue from the Stormwater Utility fee in FY 2022 and $14.6 million in GO Bonds, backed by Stormwater Utility fee revenue. Additionally, the approved FY 2022 capital budget includes the use of Stormwater Utility and former Stormwater real estate dedication fund balances ($5.4 million). The approved FY 2022 capital budget reflects 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 $30.5 million.

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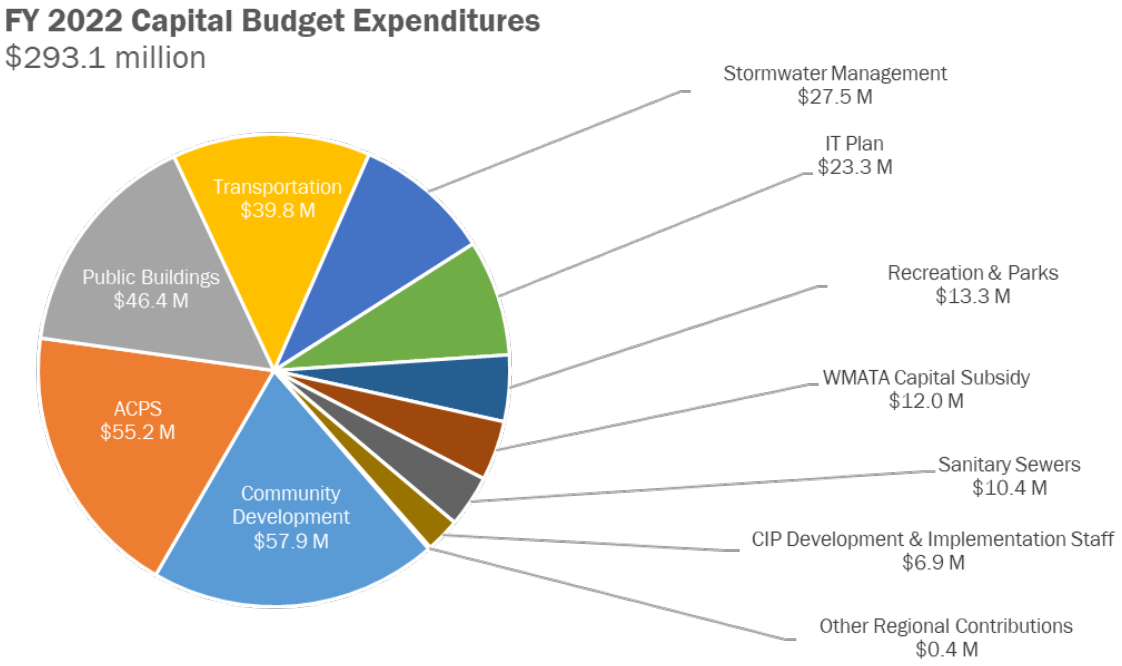
Approved FY 2022 – FY 2031 Capital Improvement Program Overview

FY 2022 Capital Year Budget Expenditures (Uses)

The total approved single year capital budget for FY 2022 is $292.1 million; a $55.5 million decrease from FY 2022 in last year's approved CIP, which is largely attributable to updating the project funding schedule for the Waterfront Small Area Plan Implementation project, which moved the majority of construction funding to FY 2023 – FY 2024. **A listing of all projects included in the FY 2022 – FY 2031 CIP, including the FY 2022 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 2022 Capital Year Budget highlights by CIP document section.



Project highlights of the Approved FY 2022 Capital Year Budget expenditures include:

- **Alexandria City Public Schools ($55.2 million FY 2022 Capital Year Budget)**
  - The Approved FY 2022 – FY 2031 CIP includes funding for 100% of funding requested by the School Board as part of the regularly scheduled budget process ($551.5 million). For FY 2022 the Approved CIP reflects funding for all ACPS identified capacity and non-capacity needs, identified at the time of budget adoption.
- **Transportation ($52.2 million FY 2022 Capital Year Budget)**
  - $12.0 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.
  - $6.4 million for Street Reconstruction and Resurfacing, which includes $3.2 million in state grants to support street reconstruction and resurfacing. The planned investment will support the resurfacing of approximately 55 lane miles in FY 2022.

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- $9.2 million for bridge repairs and refurbishments. This includes $2.2 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.
- $8.2 million to continue work on the Beauregard/West End Transit Corridor (Transit Corridor "C").

- **Recreation and Parks ($13.3 million FY 2022 Capital Year Budget)**
  - $5.0 million for repairs to the Holmes Run Trail.
  - $3.2 million for the acceleration of Hensley Park Phase 2 renovations, which was added as part of the City Council Add/Delete Process
  - $0.8 million to begin implementation of the Torpedo Factory Revitalization Action Plan, including a structural and potential use assessment of the rooftop, development of a space study, and minor renovations on the first and third floor
  - $0.3 million for repairs identified by the facilities condition assessment for the City's recreation centers.
  - $0.4 million for the renovation and maintenance of trees planted along City Streets, in parks, and on school grounds and other public properties.

- **Public Buildings ($46.4 million FY 2022 Capital Year Budget)**
  - $20.4 million, along with $25 million in seller funds, to outfit the new DCHS/Health facility which will include a new West End Service Center.
  - $9.5 million for identified maintenance and repair projects, as part of the City's Capital Facilities Maintenance Programs (CFMPs).
  - $8.9 million for repair and renovations of the Market Square Plaza and its underground garage.
  - $3.8 million to conduct high priority repairs to City Hall and continue planning for the eventual City Hall Renovation project.

- **Information Technology Plan ($23.3 million FY 2022 Capital Year Budget)**
  - $11.4 million to invest in the City's Municipal Fiber Network. This funding amount, along with previously appropriated funds, will make for a total project budget of $14.8 million.
  - $5.3 million in investments in Public Safety Systems, including $2.2 million in radio system infrastructure for the City's radio system that serves Police, Fire, T&ES, RPCA, ACPS and other City departments
  - $3.4 million to invest in the City's court records system (AJIS)
  - $4.2 million is budgeted to maintain the City's IT infrastructure, with $1.0 million of those costs offset by Comcast revenue earmarked for network infrastructure improvements.

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- **Sanitary Sewers ($10.4 million for FY 2022 Capital Year Budget)**
  - FY 2022 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 ($27.5 million FY 2022 Capital Year Budget)**
  - The proposed FY 2022 capital budget reflects the increased investment in floor mitigation and stormwater infrastructure recommended to City Council in January 2021. This includes:
    - $19.9 million for projects identified in the Storm Sewer Capacity Assessment to improve capacity of stormwater infrastructure
    - $3.8 million for inspection, cleaning, and repair of existing stormwater infrastructure
    - $0.9 million to continue Stream & Channel Maintenance projects

- **Community Development ($57.9 million FY 2022 Capital Year Budget)**
  - $8.2 million for investments in Affordable Housing. This includes $4.0 million in funding from the restaurant and meals tax dedication approved by City Council in 2018, along with 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 in FY 2022. For FY 2022, an additional $3.2 million of general fund cash capital was added to this project.

- **Other Regional Contributions ($0.4 million FY 2022 Capital Year Budget)**
  - $0.42 million in capital improvements for the Northern Virginia Regional Parks Authority (NVRPA).

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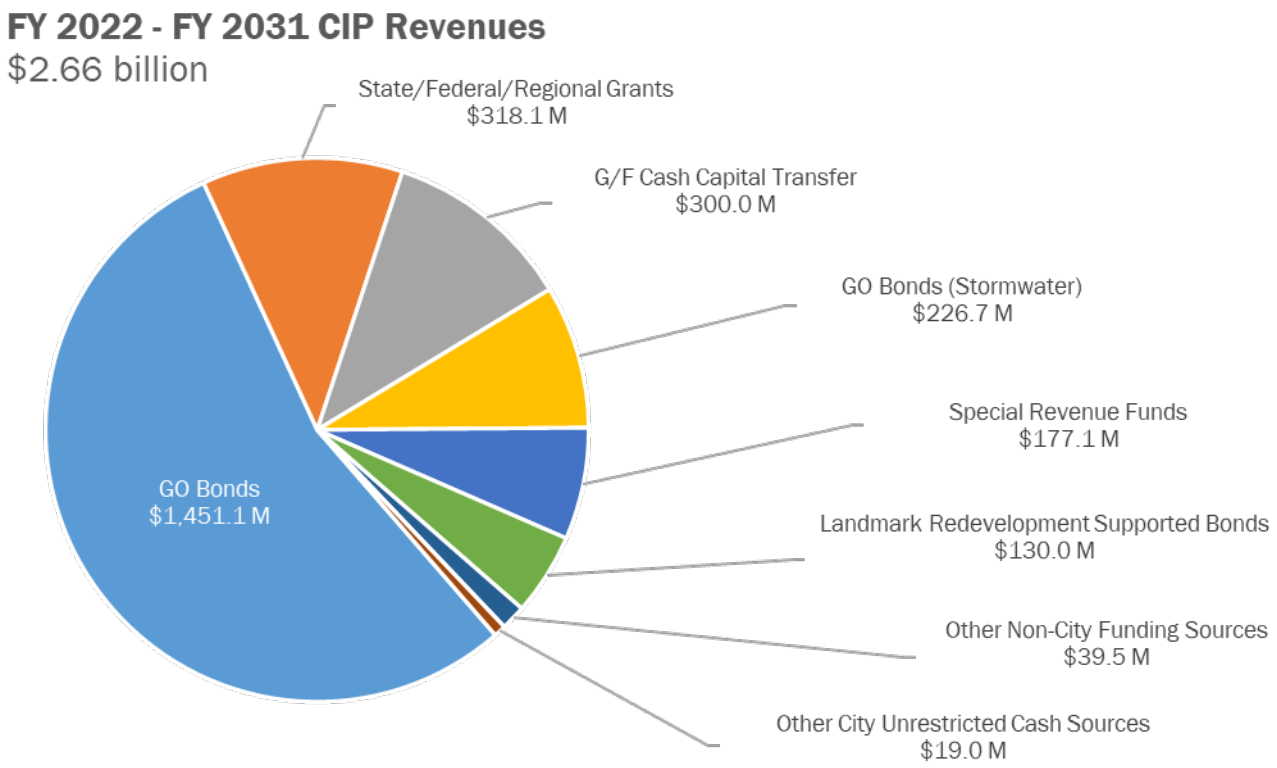
Approved FY 2022 – FY 2031 Capital Improvement Program Overview

FY 2022 – FY 2031 APPROVED CIP SOURCES AND USES

FY 2022 – FY 2031 Capital Improvement Program – Ten-Year Sources and Uses Overview

The total Approved CIP for FY 2022 – FY 2031 is $2.66 billion, a $552.8 million increase from last year's approved CIP. This represents 26.2% increase over last year's plan, which is attributable to the substantial increase in investment in flood mitigation and stormwater infrastructure, the inclusion of land acquisition and infrastructure investments to support redevelopment at the Landmark Mall site, and funding to exercise the City's options to purchase the 4850 Mark Center Drive site for the consolidation and colocation of health and human service agencies. **A listing of all funding sources included in the FY 2022 – FY 2031 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.



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Approved FY 2022 – FY 2031 Capital Improvement Program Overview

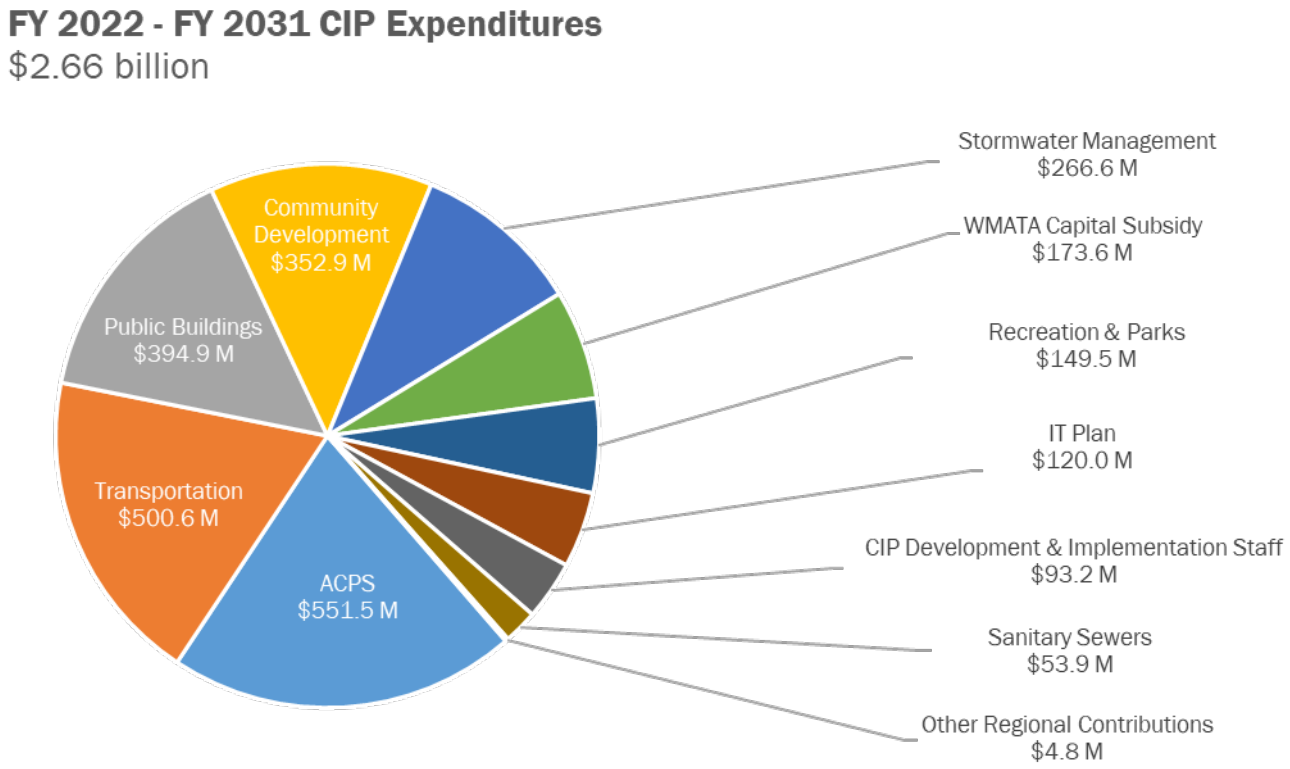
FY 2022 – FY 2031 CIP Revenue (Sources) highlights include:

- 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 $121.1 million is budgeted from NVTA sources in the FY 2022 – FY 2031 Approved CIP.
- The General Fund Cash Capital Transfer is above the City Council approved target of 2.5% of General Fund expenditures annually, averaging 3.3% over the ten-year plan. The percentage as it relates to total General Fund expenditures in FY 2022 is 4.4%.
- The Approved CIP reflects the one percent dedication of the restaurant meals tax to investments in Affordable Housing. This dedication, along with additional committed funds, totals $69.0 million over the 10-year plan.
- Private capital contributions supporting capital infrastructure projects throughout the City totals $37.5 million.
- Stormwater Utility Fees will provide an estimated $48.8 million in cash funding for the Approved CIP and an additional $226.7 million in utility fee backed GO Bonds.
- State and federal grant sources provide $197.0 million over the 10-year plan to support investments in the City's transportation infrastructure, including improvements to streets, bridges, and intersections ($16.7 million), public transit ($76.4 million), and the City's Smart Mobility Program ($14.1 million).

CITY OF ALEXANDRIA, VIRGINIA

Approved FY 2022 – FY 2031 Capital Improvement Program Overview

FY 2022 – FY 2031 CIP Project (Uses) highlights include:



- The City Council Approved CIP provides $551.5 million for Schools capital projects. This provides funding for 100% of the School Board's Approved CIP request adopted in December 2020.
- The Approved CIP includes $248.9 million to fund the City's Capital Facility Maintenance Programs (CFMPs) and other major renovations (i.e. City Hall).
- Stormwater funding totals $266.6 million and is inclusive of the expanded and accelerate work program to address flood mitigation and stormwater infrastructure that was present to City Council in January 2021.
- Funding to begin implementation of the Waterfront Plan and to construct flood mitigation infrastructure, totaling $102 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 to begin implementation of the Transit Corridor "C" – West End Transitway totals $69.4 million in the ten year plan.
- Funding to continue the City's Street Reconstruction and Repaving program totals $60.3 million over the ten year plan.
- DASH Bus Fleet Replacements total $111.7 million over the ten-year plan, which will allow DASH to begin electrification of the bus fleet.
- WMATA capital funding totaling $173.6 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

Approved FY 2022 – FY 2031 Capital Improvement Program Overview

DEBT RATIOS, CASH CAPITAL, & DEBT SERVICE

The Approved FY 2022 – FY 2031 Capital Improvement Program assumes borrowing in the amount of $1.81 billion to fund the capital infrastructure needs identified throughout this document. Included in that amount are $226.7 million in bonds for Stormwater Management projects backed by the Stormwater Utility and $130 million to fund land acquisition and infrastructure investments to support redevelopment at the Landmark Mall site. A total of $1.45 billion in bonds are planned over the ten years for other City projects, including Alexandria City Public Schools capital infrastructure needs (borrowing comprises $530.7 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 $969.4 million in principal payments, $134.1 million will be paid through Sanitary Sewer fees, Stormwater Utility fees, Potomac Yard generated tax revenues, and Landmark 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 Council approved 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

Approved FY 2022 – FY 2031 Capital Improvement Program Overview

Debt Ratio	Previous Ratios			City Council Changes Adopted as Part of Approved FY 2018 - FY 2027 CIP		
	Target	Limit	Exemptions	Target	Limit	Exemptions
Debt as a Percentage of Fair Market Real Property Value	1.10%	1.60%	Sanitary Sewer Debt	Set by CIP	2.50%	Sanitary Sewer & Stormwater Debt
Debt as a Percentage of Total Personal Income	3.20%	4.50%	Sanitary Sewer Debt	DELETED AS A MEASURE		
Debt Service as a Percentage of General Government Expenditures	8.00%	10.00%	Sanitary Sewer Debt	Set by CIP	12.00%	Sanitary Sewer & Stormwater Debt
10-Year Debt Payout Ratio	NOT A PRIOR MEASURE			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 approved 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.

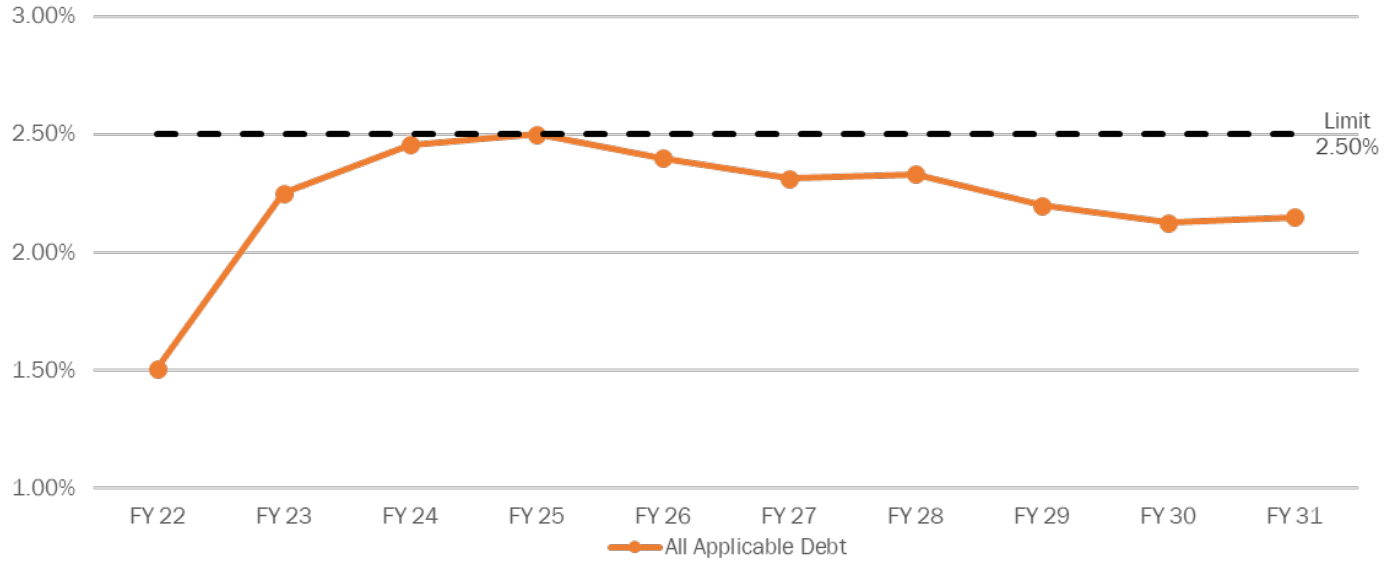
Planned FY 2022 Borrowing

The Approved FY 2022 Capital Budget identifies the use of $188.7 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 in FY 2020 and FY 2021 (approximately $165 million). As such, the debt ratio projections on the following pages and the debt service expenditures included in the Approved 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 2022. Subsequent to CIP adoption by City Council in May, staff submitted a bond authorization ordinance for City Council consideration which better reflects the cash-flow needs of the capital program, while allowing the City to manage cash flow and debt service costs strategically.

CITY OF ALEXANDRIA, VIRGINIA

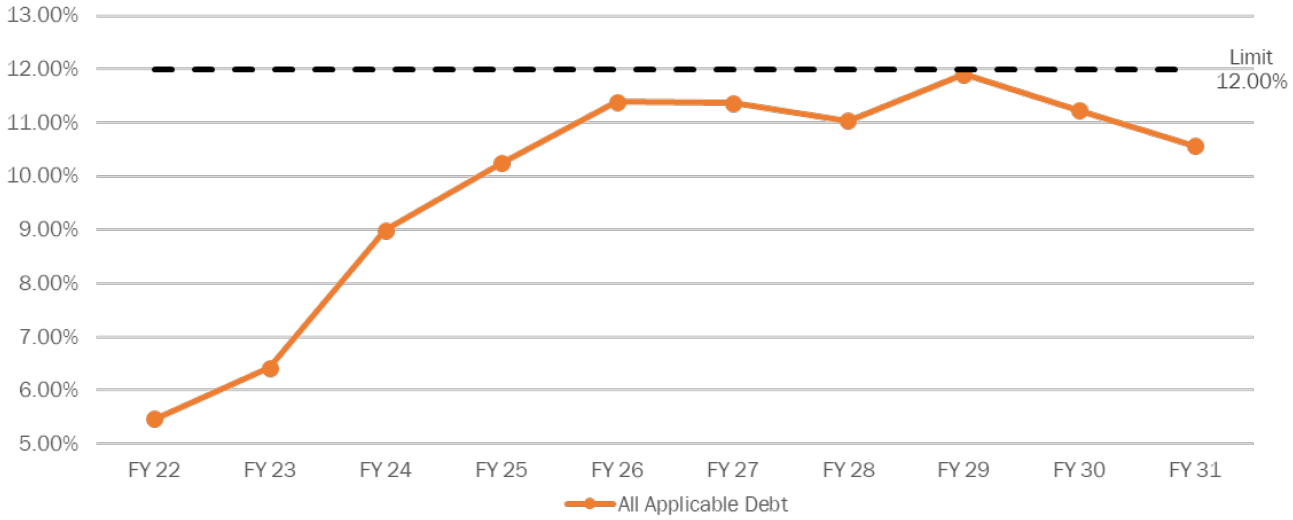
Approved FY 2022 – FY 2031 Capital Improvement Program Overview

Debt as a Percentage of Fair Market Real Property Value
Limit = 2.50 percent; FY 2022 = 1.5 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 2022 = 5.5 percent

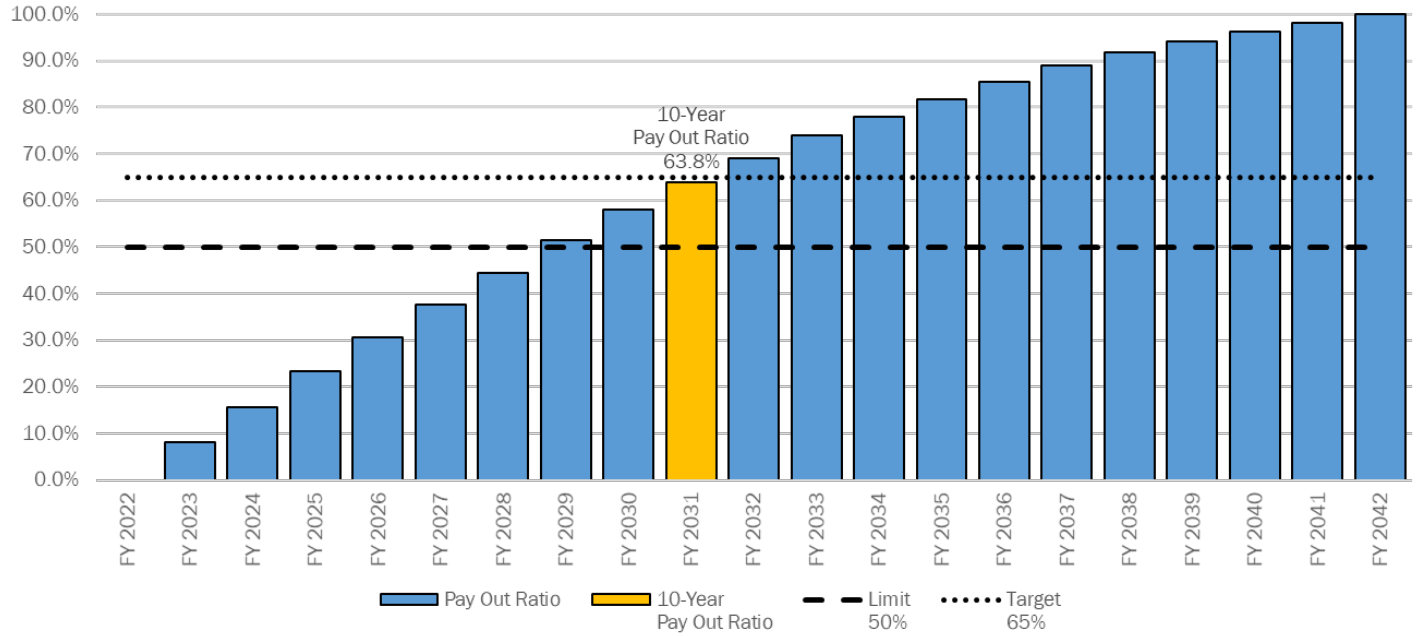


This ratio is a measure of the City's ability to repay debt without hampering other City services. A small ratio indicates a lesser burden on the City's operating budget. The City will be in compliance with this debt ratio for all 10 years.

CITY OF ALEXANDRIA, VIRGINIA

Approved FY 2022 – FY 2031 Capital Improvement Program Overview

10-Year Debt Payout Ratio
Limit = 50.0 percent; Target = 65.0 percent; FY 2022 = 63.8 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

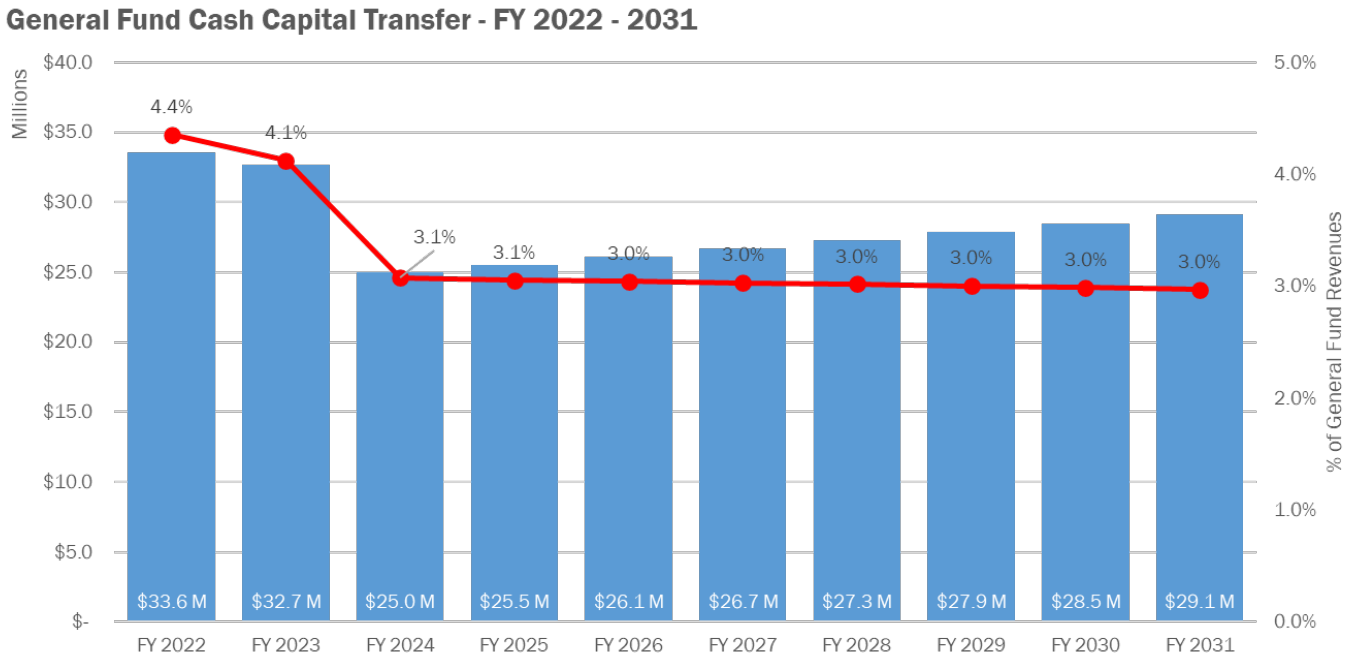
Approved FY 2022 – FY 2031 Capital Improvement Program Overview

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 allow 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 Approved 10-year CIP reflects a cash capital transfer equal to 3.3% 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 33.1% of all cash sources used to finance the ten-year plan.



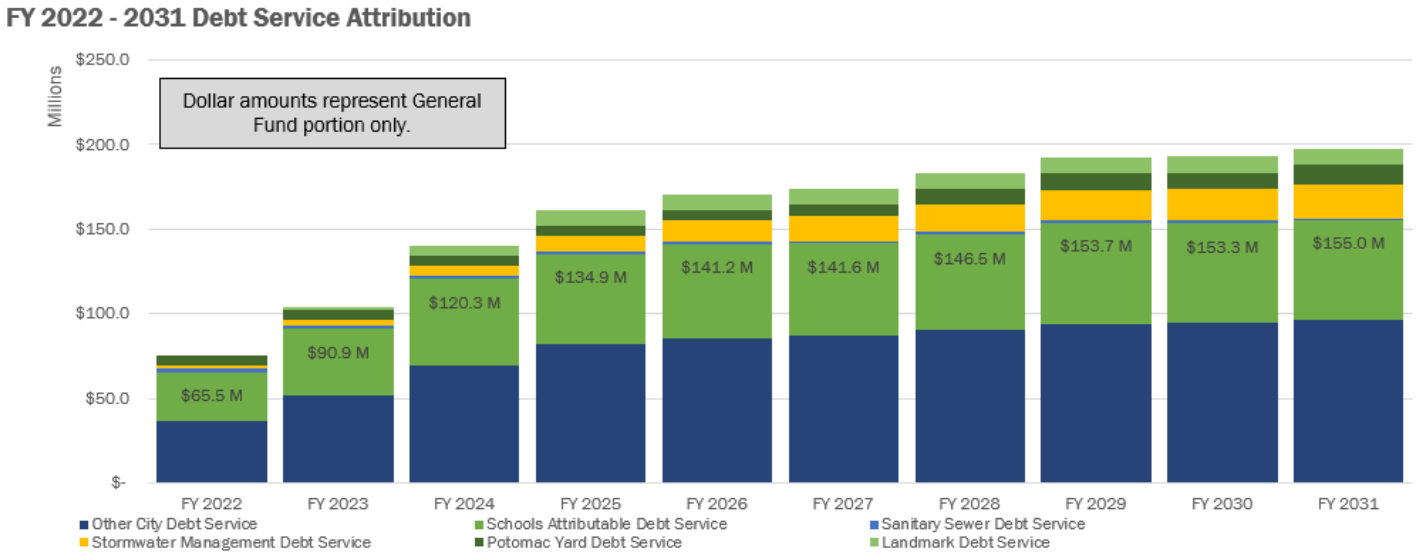
CITY OF ALEXANDRIA, VIRGINIA

Approved FY 2022 – FY 2031 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 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 2021) and planned debt (FY 2022 through FY 2031). It should be noted that the charts below accurately depict the large long term increase of debt service, however FY 2023, FY 2024, and FY 2025 increases will need to be smoothed out by closely monitoring cash-flow needs, to make year to year increases less severe.

Debt service is broken down into six categories – Other City Debt Service, Schools Attributable 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 (whose infrastructure bond investment will be paid by tax revenue generated by the redevelopment of the Landmark site). In FY 2022, $75.0 million is estimated for debt service payments, of which $3.8 million will be paid from the Sanitary Sewer Fund and the Stormwater Utility enterprise funds.



Debt Service ($ in millions)	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
General Fund Supported Debt Service	$65.5	$90.9	$120.3	$134.9	$141.2	$141.6	$146.5	$153.7	$153.3	$155.0
Potomac Yard Debt Service	$5.7	$5.7	$5.7	$5.7	$5.7	$6.8	$9.3	$9.5	$9.6	$12.2
Sanitary Sewer Debt Service	$2.5	$1.8	$1.8	$1.7	$1.5	$1.4	$1.5	$1.6	$1.5	$1.3
Stormwater Management Debt Service	$1.4	$3.5	$6.3	$9.6	$12.7	$14.7	$16.3	$17.8	$18.8	$19.5
Landmark Debt Service	$0.0	$1.5	$5.8	$9.6	$9.6	$9.6	$9.6	$9.6	$9.6	$9.6
Total Debt Service	**$75.0**	**$103.5**	**$140.0**	**$161.5**	**$170.7**	**$174.1**	**$183.2**	**$192.1**	**$192.8**	**$197.6**
Total $ Change Over Prior Year		$28.5	$36.5	$21.5	$9.2	$3.4	$9.1	$8.9	$0.7	$4.8
Total % Change Over Prior Year		38.0%	35.3%	15.4%	5.7%	2.0%	5.2%	4.9%	0.4%	2.5%

CITY OF ALEXANDRIA, VIRGINIA

Approved FY 2022 – FY 2031 Capital Improvement Program Overview

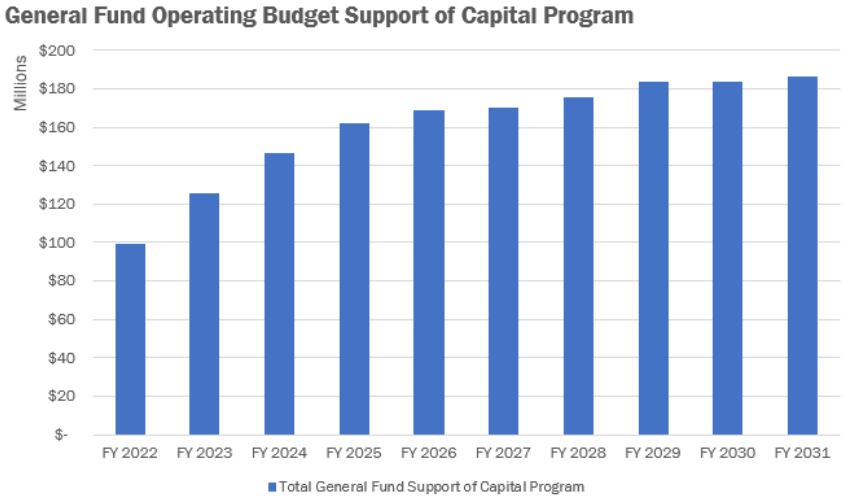
GENERAL FUND SUPPORT OF CAPITAL PROGRAM

The Approved FY 2022 – FY 2031 CIP represents a substantial commitment and investment in the City and School's capital needs. This results in a total Approved CIP for FY 2022 – FY 2031 of $2.66 billion, a $552.8 million (+26.2%) increase from last year's approved 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 31.5% of identified sources. Additionally, the School Board Approved FY 2022 – FY 2031 CIP is frontloaded, with $254.0 million out of $551.5 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 $357.6 million in Non-City funds in the approved 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 Approved CIP contemplates a use of direct cash capital and borrowing (and the debt service that this requires) that will result in $1.6 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, last year's 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.

While the environment in which the FY 2022 budget was developed continued to be inappropriate to contemplate a tax rate increase to support increased investment in the CIP, executing the Approved 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 2023 (CY 2022).



The Approved CIP includes some smoothing of the General Fund operating budget support of the capital program by converting portions of the General Fund cash capital included in previously approved CIPs into debt service. This chart illustrates the somewhat smoothed increases in General Fund operating budget support necessary for the $2.66 billion Approved CIP.

CITY OF ALEXANDRIA, VIRGINIA

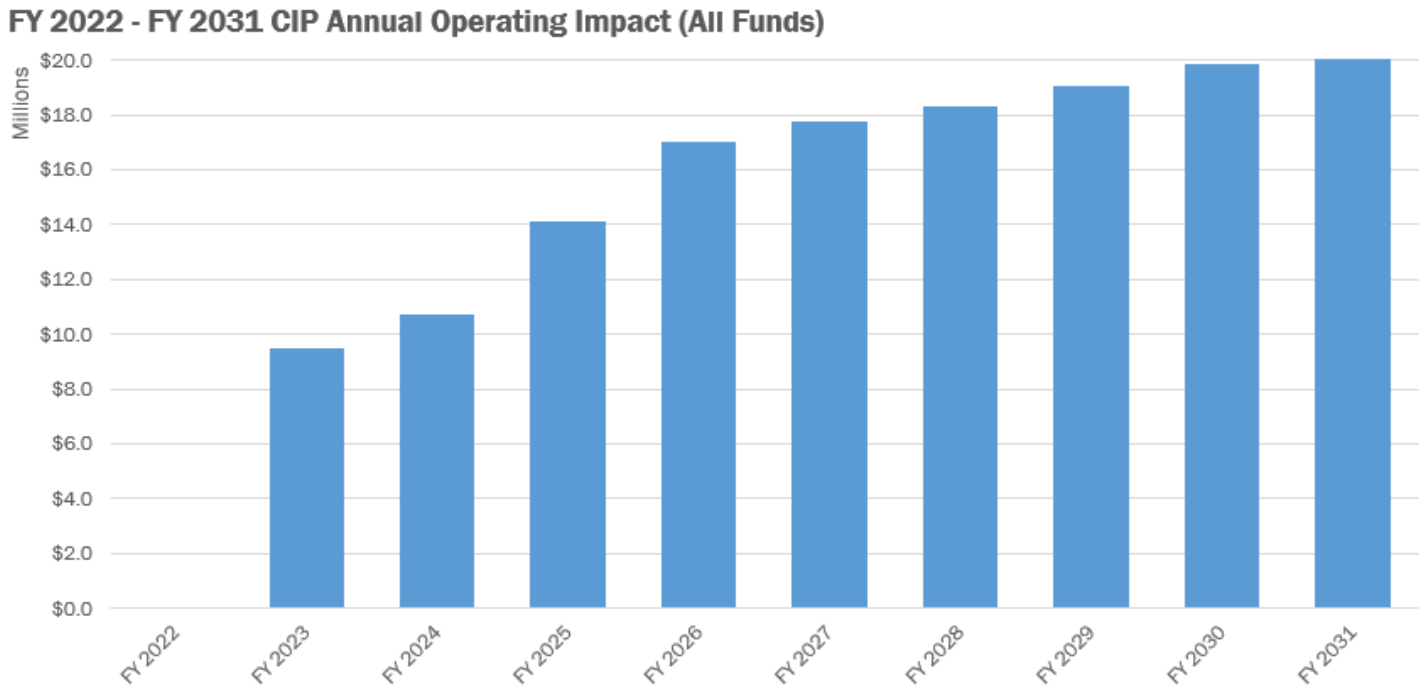
Approved FY 2022 – FY 2031 Capital Improvement Program Overview

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 associated with opening a new City facility.

As part of the Approved FY 2022 – FY 2031 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 $20.5 million in additional resources needed in FY 2031 as a result of City capital projects (excluding the operating impacts of ACPS capital projects). The chart below indicates a significant increase in operating impacts between FY 2023 and FY 2026, which is largely driven by the anticipated operating cost increase of DASH service expansion provided by grant-funded bus fleet expansion, and the opening of the Potomac Yard Metrorail Station, which will impact the City's operating subsidy paid to WMATA.

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.



SUMMARY EXPENDITURE TABLES

Table 1
Approved FY 2022 - FY 2031 Capital Improvement Program
Total Sources and Uses of Capital Improvement Program Funds

Source of Funds	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	TOTAL FY 2022 - 2031
All City Cash Sources (Cash Capital)											
General Fund Planned Appropriations (Transfer from General Fund)	33,558,304	32,650,000	25,000,000	25,500,000	26,100,000	26,700,000	27,300,000	27,900,000	28,500,000	29,100,000	282,308,304
Use of CIP Designated Fund Balance	10,000,000	9,000,000	-	-	-	-	-	-	-	-	19,000,000
Subtotal, All Unrestricted City Cash Sources	43,558,304	41,650,000	25,000,000	25,500,000	26,100,000	26,700,000	27,300,000	27,900,000	28,500,000	29,100,000	301,308,304
Unrestricted Borrowing Sources											
General Obligation Bonds (Excl. Sewers/TIP/Potomac Yard)	153,076,729	342,291,300	204,093,300	140,998,800	75,235,500	82,343,750	140,268,300	64,136,400	95,725,950	152,949,100	1,451,119,129
Subtotal, All Unrestricted City Sources	196,635,033	383,941,300	229,093,300	166,498,800	101,335,500	109,043,750	167,568,300	92,036,400	124,225,950	182,049,100	1,752,427,433
Restricted City Sources											
Meals Tax Dedication for Affordable Housing	3,996,000	5,306,000	5,412,000	5,520,000	5,630,000	5,743,000	5,858,000	5,975,000	6,095,000	6,237,000	55,772,000
Potomac Yard Special Tax District Revenue	192,800	202,900	213,000	223,100	234,200	246,300	258,400	271,500	284,600	298,700	2,425,500
Sanitary Sewer Fees and Fund Balance	11,253,000	9,199,000	5,344,000	5,392,000	5,441,000	5,493,000	5,548,000	5,605,000	5,666,000	5,729,000	64,670,000
Stormwater Utility Fees	8,667,500	7,209,000	4,499,000	3,757,700	3,775,500	3,957,200	3,974,300	4,324,700	4,146,500	4,566,500	48,877,900
Use of Stormwater Fund Utility Balance	3,600,000	-	-	-	-	-	-	-	-	-	3,600,000
Use of Stormwater Tax Dedication Fund Balance	1,765,000	-	-	-	-	-	-	-	-	-	1,765,000
General Obligation Bonds - Stormwater Management	14,630,000	28,860,000	35,600,000	39,500,000	24,893,000	21,183,000	21,383,000	16,529,000	12,637,000	11,437,000	226,652,000
Cash Capital - Transportation Improvement Program	865,967	1,785,300	1,456,000	1,810,500	1,653,000	1,897,500	1,863,500	2,034,800	2,112,300	2,248,100	17,726,967
Landmark Redevelopment Supported Bonds	21,000,000	58,000,000	51,000,000	-	-	-	-	-	-	-	130,000,000
Subtotal, Restricted City Sources	65,970,267	110,562,200	103,524,000	56,203,300	41,626,700	38,520,000	38,885,200	34,740,000	30,941,400	30,516,300	551,489,367
Non-City Sources											
CMAQ/RSTP	400,000	1,850,000	1,505,745	3,084,550	-	-	-	-	-	-	6,840,295
Comcast Revenues	1,000,000	1,000,000	-	-	-	-	-	-	-	-	2,000,000
NVTA 30%	4,950,000	5,050,000	5,230,000	5,420,000	3,210,000	3,335,000	3,465,000	3,595,000	3,730,000	5,926,100	43,911,100
NVTA 70%	2,200,000	-	14,200,000	20,800,000	40,000,000	-	-	-	-	-	77,200,000
Private Capital Contributions	100,000	3,600,000	16,300,000	16,800,000	200,000	100,000	100,000	100,000	100,000	100,000	37,500,000
State/Federal Grants	18,650,542	14,163,086	39,729,661	45,059,153	-	-	-	-	-	-	117,602,442
State/Federal Grants (Unsecured)	-	6,232,800	4,644,100	-	4,666,100	9,671,850	-	4,370,400	10,503,450	15,755,000	55,843,700
State Revenue Sharing	3,197,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	16,697,000
Subtotal, Non-City Sources	30,497,542	33,395,886	83,109,506	92,663,703	49,576,100	14,606,850	5,065,000	9,565,400	15,833,450	23,281,100	357,594,537
Total, All Sources	**293,102,842**	**527,899,386**	**415,726,806**	**315,365,803**	**192,538,300**	**162,170,600**	**211,518,500**	**136,341,800**	**171,000,800**	**235,846,500**	**2,661,511,337**

% from Bonds	64.4%	81.3%	69.9%	57.2%	52.0%	63.8%	76.4%	59.2%	63.4%	69.7%	67.9%
% from City and Other Cash Sources	35.6%	18.7%	30.1%	42.8%	48.0%	36.2%	23.6%	40.8%	36.6%	30.3%	32.1%

General Fund Operating Support of Capital Program	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	TOTAL FY 2022 - 2031
General Fund Debt Service (Existing and Projected)											
City Projects	36,851,668	51,586,740	69,182,357	82,247,864	85,262,371	87,004,106	90,218,772	93,356,475	94,644,439	95,918,020	786,272,811
School Projects	28,633,966	39,287,821	51,163,717	52,606,611	55,966,808	54,551,325	56,299,853	60,348,654	58,620,868	59,129,358	516,608,981
General Fund Debt Service (Existing and Projected)	65,485,634	90,874,561	120,346,074	134,854,475	141,229,179	141,555,431	146,518,625	153,705,128	153,265,308	155,047,378	1,302,881,792
Cash Capital Funding											
General Fund Cash Capital	33,558,304	32,650,000	25,000,000	25,500,000	26,100,000	26,700,000	27,300,000	27,900,000	28,500,000	29,100,000	282,308,304
Cash Capital - Transportation Improvement Program	865,967	1,785,300	1,456,000	1,810,500	1,653,000	1,897,500	1,863,500	2,034,800	2,112,300	2,248,100	17,726,967
Total Cash Capital Funding	34,424,271	34,435,300	26,456,000	27,310,500	27,753,000	28,597,500	29,163,500	29,934,800	30,612,300	31,348,100	300,035,271
Total General Fund Support of Capital Program	**99,909,905**	**125,309,861**	**146,802,074**	**162,164,975**	**168,982,179**	**170,152,931**	**175,682,125**	**183,639,928**	**183,877,608**	**186,395,478**	**1,602,917,063**
Year-over-Year Increase		*25.4%*	*17.2%*	*10.5%*	*4.2%*	*0.7%*	*3.2%*	*4.5%*	*0.1%*	*1.4%*	

All Uses (CIP Document Section)	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	TOTAL FY 2022 - 2031
Schools	55,199,200	167,680,700	31,081,900	77,295,700	9,551,500	27,189,500	79,102,000	8,874,600	25,305,700	70,202,200	551,483,000
Community Development	57,917,900	105,958,800	104,520,600	11,273,800	12,383,100	11,152,600	12,208,600	12,410,600	12,020,500	13,034,500	352,881,000
Recreation & Parks	13,308,400	28,204,300	15,362,200	6,653,800	8,610,300	9,310,900	28,560,700	11,625,900	15,535,200	12,335,400	149,507,100
Public Buildings	46,397,400	92,613,800	94,453,500	32,832,300	33,887,700	17,971,300	13,611,300	16,606,000	25,947,400	20,613,500	394,934,200
Transportation	51,769,042	68,262,586	108,362,906	114,557,903	77,777,000	50,326,600	31,344,800	41,911,100	53,671,800	76,249,000	674,232,737
Sanitary Sewers	10,400,000	8,300,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	53,900,000
Stormwater Management	27,524,500	34,875,000	38,845,000	41,940,700	27,285,500	23,688,200	23,832,300	19,252,700	15,102,500	14,238,500	266,584,900
Other Regional Contributions	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000
IT Plan	23,307,600	13,699,200	10,003,300	17,301,700	9,104,500	8,135,900	7,989,000	10,291,700	7,525,900	12,632,800	119,991,600
CIP Development & Implementation Staff	6,856,800	7,839,000	8,226,400	8,633,900	9,058,700	9,510,600	9,979,800	10,474,200	10,991,800	11,635,600	93,206,800
Grand Total	**293,102,842**	**527,899,386**	**415,726,806**	**315,365,803**	**192,538,300**	**162,170,600**	**211,518,500**	**136,341,800**	**171,000,800**	**235,846,500**	**2,661,511,337**

Table 2
Approved FY 2022 - FY 2031 Capital Improvement Program
Summary of Capital Improvement Program Expenditures – City Share

All Uses (CIP Document Section)	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	TOTAL FY 2022 - 2031
Schools	55,199,200	167,680,700	31,081,900	77,295,700	9,551,500	27,189,500	79,102,000	8,874,600	25,305,700	70,202,200	551,483,000
Community Development	57,917,900	105,958,800	104,520,600	11,273,800	12,383,100	11,152,600	12,208,600	12,410,600	12,020,500	13,034,500	352,881,000
Recreation & Parks	13,208,400	28,104,300	15,262,200	6,553,800	8,510,300	9,210,900	28,460,700	11,525,900	15,435,200	12,235,400	148,507,100
Public Buildings	46,397,400	92,613,800	94,453,500	32,832,300	33,887,700	17,971,300	13,611,300	16,606,000	25,947,400	20,613,500	394,934,200
Transportation	22,371,500	35,966,700	25,353,400	21,994,200	28,300,900	35,819,750	26,379,800	32,445,700	37,938,350	53,067,900	319,638,200
Sanitary Sewers	10,400,000	8,300,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	53,900,000
Stormwater Management	27,524,500	34,875,000	38,845,000	41,940,700	27,285,500	23,688,200	23,832,300	19,252,700	15,102,500	14,238,500	266,584,900
Other Regional Contributions	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000
IT Plan	22,307,600	12,699,200	10,003,300	17,301,700	9,104,500	8,135,900	7,989,000	10,291,700	7,525,900	12,632,800	117,991,600
CIP Development & Implementation Staff	6,856,800	7,839,000	8,226,400	8,633,900	9,058,700	9,510,600	9,979,800	10,474,200	10,991,800	11,635,600	93,206,800
TOTAL (City Share)	**262,605,300**	**494,503,500**	**332,617,300**	**222,702,100**	**142,962,200**	**147,563,750**	**206,453,500**	**126,776,400**	**155,167,350**	**212,565,400**	**2,303,916,800**

Table 3
Approved FY 2022 - FY 2031 Capital Improvement Program
Summary of Capital Improvement Program Expenditures – Non-City Share

All Uses (CIP Document Section)	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	TOTAL FY 2022 - 2031
Schools	-	-	-	-	-	-	-	-	-	-	-
Community Development	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Public Buildings	-	-	-	-	-	-	-	-	-	-	-
Transportation	29,397,542	32,295,886	83,009,506	92,563,703	49,476,100	14,506,850	4,965,000	9,465,400	15,733,450	23,181,100	354,594,537
Sanitary Sewers	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management	-	-	-	-	-	-	-	-	-	-	-
Other Regional Contributions	-	-	-	-	-	-	-	-	-	-	-
IT Plan	1,000,000	1,000,000	-	-	-	-	-	-	-	-	2,000,000
CIP Development & Implementation Staff	-	-	-	-	-	-	-	-	-	-	-
TOTAL (Non-City Share)	**30,497,542**	**33,395,886**	**83,109,506**	**92,663,703**	**49,576,100**	**14,606,850**	**5,065,000**	**9,565,400**	**15,833,450**	**23,281,100**	**357,594,537**

Table 4
Approved FY 2022 - FY 2031 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.

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
ACPS											
ACPS											
ACPS Capital Program	55,199,200	167,680,700	31,081,900	77,295,700	9,551,500	27,189,500	79,102,000	8,874,600	25,305,700	70,202,200	551,483,000
ACPS Total	55,199,200	167,680,700	31,081,900	77,295,700	9,551,500	27,189,500	79,102,000	8,874,600	25,305,700	70,202,200	551,483,000
ACPS Total	55,199,200	167,680,700	31,081,900	77,295,700	9,551,500	27,189,500	79,102,000	8,874,600	25,305,700	70,202,200	551,483,000
Community Development											
Affordable Housing											
Affordable Housing Funding	8,202,000	6,306,000	6,412,000	6,520,000	6,630,000	6,743,000	6,858,000	6,975,000	7,095,000	7,237,000	68,978,000
Affordable Housing Total	8,202,000	6,306,000	6,412,000	6,520,000	6,630,000	6,743,000	6,858,000	6,975,000	7,095,000	7,237,000	68,978,000
City-Wide Amenities											
Gadsby Lighting Fixtures & Poles Replacement	950,000	950,000	0	84,500	0	89,600	92,300	0	97,900	100,900	2,365,200
Landmark Mall Redevelopment Project	21,000,000	58,000,000	51,000,000	0	0	0	0	0	0	0	130,000,000
Office of Historic Alexandria Initiatives	47,400	265,200	273,200	168,900	298,900	186,500	0	0	0	0	1,240,100
Office of Historic Alexandria Waterfront Museum Feasibility Study	125,000	0	0	0	0	0	0	0	0	0	125,000
Public Art Acquisition	250,000	250,000	250,000	250,000	400,000	250,000	250,000	250,000	250,000	250,000	2,650,000
Public Art Conservation Program	51,600	63,900	43,800	56,400	58,000	59,800	73,900	50,800	65,400	67,400	591,000
Transportation Signage & Wayfinding System	141,000	0	0	0	0	0	0	0	0	0	141,000
City-Wide Amenities Total	22,565,000	59,529,100	51,567,000	559,800	756,900	585,900	416,200	300,800	413,300	418,300	137,112,300
Neighborhood Planning											
Braddock Road Area Plan - Streetscape Improvements	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	450,000
Development Studies	280,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,530,000
Project Budgeting Excellence	737,000	471,000	265,000	726,100	282,100	770,100	299,100	817,100	842,100	851,100	6,060,700
Waterfront Small Area Plan Implementation (w/ Construction Funding)	22,000,000	36,800,000	43,200,000	0	0	0	0	0	0	0	102,000,000
Neighborhood Planning Total	23,062,000	37,566,000	43,760,000	1,021,100	577,100	1,065,100	594,100	1,112,100	1,137,100	1,146,100	111,040,700
Public Safety Enhancements											
Citywide Street Lighting	420,800	26,600	27,400	28,200	29,000	29,900	30,800	31,700	32,700	33,700	690,800
Fire Department Vehicles & Apparatus	472,600	1,867,700	2,196,700	2,441,700	3,482,200	2,102,100	3,789,000	3,350,300	2,781,200	3,516,400	25,999,900
Fire Hydrant Maintenance Program	360,500	371,400	382,500	394,000	289,900	298,600	307,500	316,700	326,200	336,000	3,383,300
Police Body Worn Cameras	TBD	TBD	TBD	TBD	0	0	0	0	0	0	-
Public Safety Enhancements Total	1,253,900	2,265,700	2,606,600	2,863,900	3,801,100	2,430,600	4,127,300	3,698,700	3,140,100	3,886,100	30,074,000
Waterways Maintenance & Improvements											
Environmental Restoration	159,000	292,000	175,000	309,000	368,000	328,000	213,000	324,000	235,000	347,000	2,750,000
Oronoco Outfall Remediation Project	2,676,000	TBD	TBD	TBD	TBD	0	0	0	0	0	2,676,000
Stream Valley Design Guidelines	0	0	0	0	250,000	0	0	0	0	0	250,000
Waterways Maintenance & Improvements Total	2,835,000	292,000	175,000	309,000	618,000	328,000	213,000	324,000	235,000	347,000	5,676,000
Community Development Total	57,917,900	105,958,800	104,520,600	11,273,800	12,383,100	11,152,600	12,208,600	12,410,600	12,020,500	13,034,500	352,881,000
Public Buildings											
General Government Facilities											
2355 Mill Road CFMP	0	496,600	298,500	827,200	268,500	274,600	301,700	287,000	861,300	887,200	4,502,600
Alexandria Transit - DASH CFMP	1,351,500	53,100	54,700	56,300	58,000	59,800	61,500	63,400	65,300	67,300	1,890,900
Capital Planning & Building Assessment (Condition Assessment)	100,000	0	100,000	0	150,000	0	150,000	0	150,000	0	650,000
City Hall Renovation and HVAC Replacement	3,800,000	4,200,000	51,400,000	4,400,000	0	0	0	0	0	0	63,800,000
City Hall Swing Space	0	239,700	6,649,700	1,572,000	0	0	0	0	0	0	8,461,400
Emergency Power Systems	142,800	807,800	527,100	617,000	287,000	32,900	33,900	34,900	518,000	533,600	3,535,000
Energy Management Program	767,200	1,358,100	1,584,600	1,373,600	746,600	768,900	790,300	812,800	835,300	859,000	9,896,400
Fleet Building CFMP	634,000	526,400	744,000	569,500	1,612,200	886,400	609,600	1,098,300	1,016,900	1,016,900	8,714,200
Gadsby's Tavern Restaurant Equipment	0	245,000	0	0	0	0	0	0	0	0	245,000
General Services CFMP	360,500	1,616,500	1,625,300	1,075,000	1,659,100	1,550,100	1,174,700	1,209,900	1,246,200	1,246,200	12,763,500
Lee Center CFMP	96,800	114,900	117,500	158,000	505,600	125,600	148,500	131,300	464,700	478,700	2,341,600
Market Square Plaza and Garage Structural Repairs	8,861,800	0	0	0	0	0	0	0	0	0	8,861,800
Parking Garages CFMP	10,300	10,700	11,000	11,300	11,600	12,000	12,300	12,700	13,100	13,500	118,500
Roof Replacement Program	366,000	31,600	370,900	742,900	114,000	18,100	0	1,519,700	35,600	37,000	3,235,800
Union Station Improvements	0	250,000	TBD	TBD	TBD	0	0	0	0	0	250,000
Witter/Wheeler - Fuel Island Renovation	450,000	0	0	0	0	0	0	0	0	0	450,000
Witter/Wheeler Campus Funding Reservation	960,000	4,000,000	7,000,000	7,000,000	7,000,000	7,000,000	0	0	0	0	32,960,000
General Government Facilities Total	17,900,900	13,950,400	70,483,300	18,402,800	12,412,600	10,728,400	3,282,500	5,170,000	5,206,400	5,139,400	162,676,700
Library Facilities											
Beatley Building Envelope Restoration	0	0	0	0	0	0	0	0	0	0	0
Burke Branch Renovation	825,000	0	0	0	0	0	0	0	0	0	825,000
Library CFMP	104,200	49,600	61,300	807,400	983,100	2,806,800	4,768,100	5,850,700	5,754,200	5,754,700	26,940,100
Library Facilities Total	929,200	49,600	61,300	807,400	983,100	2,806,800	4,768,100	5,850,700	5,754,200	5,754,700	27,765,100

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Preservation of Historic Facilities											
City Historic Facilities CFMP	2,332,600	1,362,700	2,444,600	4,528,200	3,050,100	2,042,800	2,229,500	2,803,400	4,215,600	4,215,600	29,225,100
Freedom House Museum Restoration	0	0	0	0	0	0	0	0	0	0	0
Preservation of Historic Facilities Total	2,332,600	1,362,700	2,444,600	4,528,200	3,050,100	2,042,800	2,229,500	2,803,400	4,215,600	4,215,600	29,225,100
Public Health & Welfare Facilities											
DCHS Consolidation and Co-Location	20,424,000	61,200,000	0	0	0	0	0	0	0	0	81,624,000
Health Department CFMP	155,300	6,111,700	12,100	12,400	0	0	0	0	0	0	6,291,500
Mental Health Residential Facilities CFMP	845,100	670,600	721,400	632,300	758,800	682,600	752,700	779,400	804,800	829,000	7,476,700
Public Health & Welfare Facilities Total	21,424,400	67,982,300	733,500	644,700	758,800	682,600	752,700	779,400	804,800	829,000	95,392,200
Public Safety Facilities											
Alexandria Police CFMP	214,500	584,000	164,000	168,900	173,900	179,200	184,500	190,100	195,800	200,900	2,255,800
Courthouse CFMP	0	116,700	2,120,200	123,900	127,600	131,400	135,300	139,400	143,600	139,400	3,177,500
Courthouse/PSC Security System Upgrade	0	0	0	0	0	0	0	0	5,300,700	0	5,300,700
Fire & Rescue CFMP	162,100	340,800	1,044,500	1,262,500	1,452,500	372,500	904,000	1,296,000	3,915,100	3,915,100	14,665,100
Fire Station 205 (Cameron Street)	0	0	0	0	0	0	0	0	0	0	0
Fire Station 207 (Duke Street)	0	0	5,051,800	3,927,100	12,857,300	0	0	0	0	0	21,836,200
Fire Station 208 Replacement	250,000	1,100,000	10,000,000	0	0	0	0	0	0	0	11,350,000
New Burn Building	0	2,288,800	0	0	0	0	0	0	0	0	2,288,800
Office of the Sheriff CFMP	2,833,500	4,796,000	2,217,300	2,818,700	1,802,700	127,600	131,400	135,300	139,400	139,400	15,141,300
Tactical Training Space	309,000	0	0	0	0	0	0	0	0	0	309,000
Vola Lawson Animal Shelter	41,200	42,500	133,000	148,100	269,100	900,000	1,223,300	241,700	271,800	280,000	3,550,700
Public Safety Facilities Total	3,810,300	9,268,800	20,730,800	8,449,200	16,683,100	1,710,700	2,578,500	2,002,500	9,966,400	4,674,800	79,875,100
Public Buildings Total	46,397,400	92,613,800	94,453,500	32,832,300	33,887,700	17,971,300	13,611,300	16,606,000	25,947,400	20,613,500	394,934,200
Recreation & Parks											
Aquatics Facilities											
Neighborhood Pool Demolition and Conversion	461,000	0	0	0	0	0	0	0	0	0	461,000
Old Town Pool	0	530,500	8,600,000	0	0	0	0	0	0	0	9,130,500
Public Pools	53,800	103,100	106,200	109,400	112,500	116,000	123,400	158,500	163,200	168,100	1,214,200
Aquatics Facilities Total	514,800	633,600	8,706,200	109,400	112,500	116,000	123,400	158,500	163,200	168,100	10,805,700
Open Space Acquisition & Development											
Open Space Acquisition and Develop.	250,000	1,250,000	750,000	750,000	1,150,000	1,170,000	1,170,000	1,170,000	1,170,000	1,170,000	10,000,000
Open Space Acquisition & Development Total	250,000	1,250,000	750,000	750,000	1,150,000	1,170,000	1,170,000	1,170,000	1,170,000	1,170,000	10,000,000
Park Maintenance & Improvements											
Americans with Disabilities Act (ADA) Requirements	103,000	106,300	109,400	112,700	116,000	131,500	135,300	139,600	143,600	148,000	1,245,400
Athletic Field Improvements (incl. Synthetic Turf)	3,200,000	13,500,000	2,063,800	770,900	812,300	672,100	1,475,400	1,416,800	727,400	749,300	25,388,000
Ball Court Renovations	154,500	159,200	164,100	169,000	174,000	194,200	203,100	209,200	215,500	222,000	1,864,800
Cameron Run Regional Park Feasibility Study	0	0	0	281,400	0	0	0	0	0	0	281,400
Community Matching Fund	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,000,000
Dora Kelley Trail Repairs	0	0	0	0	0	0	0	0	0	0	0
Four Mile Run Park	0	0	0	0	1,266,900	583,500	20,157,100	0	0	0	22,007,500
Four Mile Run Urban Deck	0	0	0	0	0	0	0	0	0	0	0
Holmes Run Trail Repairs	5,000,000	0	0	0	0	0	0	0	0	0	5,000,000
Park Renovations CFMP	423,600	441,500	454,700	468,400	482,400	547,100	553,600	570,200	587,300	604,900	5,133,700
Patrick Henry Turf Fields and Recreation Center	0	2,363,600	0	0	0	0	0	0	0	0	2,363,600
Pavement in Parks	200,000	275,000	290,000	290,000	240,000	275,000	275,000	275,000	275,000	275,000	2,670,000
Playground Renovations CFMP	1,010,400	1,060,300	1,071,900	1,104,100	1,137,200	954,500	983,200	1,012,700	1,043,100	1,074,400	10,451,800
Restroom Renovations	0	0	0	0	0	657,700	572,000	686,800	602,000	620,100	3,138,600
Shared-Use Paths	150,000	250,000	150,000	0	150,000	0	0	0	0	150,000	850,000
Soft Surface Trails	123,700	124,400	131,300	135,300	139,300	143,400	147,700	152,300	156,700	161,500	1,415,600
Tree & Shrub Capital Maintenance	373,800	260,900	356,400	367,100	378,000	430,100	442,800	456,200	469,900	484,000	4,019,200
Water Management & Irrigation	131,900	135,900	140,000	144,300	148,500	167,400	172,400	177,500	182,800	188,300	1,589,000
Waterfront Parks CFMP	66,000	53,300	54,800	56,500	58,000	65,800	67,700	69,800	71,900	74,000	637,800
Windmill Hill Park Improvements	0	5,646,100	0	0	0	0	0	0	0	0	5,646,100
Park Maintenance & Improvements Total	11,136,900	24,576,500	5,186,400	4,099,700	5,302,600	5,022,300	25,385,300	5,366,100	4,675,200	4,951,500	95,702,500
Recreation Facility Maintenance											
Chinquapin Recreation Center CFMP	203,000	203,900	253,200	957,500	340,800	263,000	234,400	646,200	715,300	736,800	4,554,100
City Marina Maintenance	46,400	47,900	49,300	50,800	52,200	77,700	80,000	82,500	84,900	87,400	659,100
Proactive Maintenance of the Urban Forest	206,000	212,200	218,600	225,200	231,900	238,900	246,000	253,400	261,000	268,800	2,362,000
Recreation Centers CFMP	106,300	177,400	148,500	211,200	1,038,300	1,673,000	1,271,600	2,699,200	4,204,800	4,202,800	15,733,100
Recreation Facility Maintenance Total	561,700	641,400	669,600	1,444,700	1,663,200	2,252,600	1,832,000	3,681,300	5,266,000	5,295,800	23,308,300

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Renovated or New Recreation Facilities											
Braddock Area Plan Park	0	0	0	0	0	0	0	0	3,710,800	0	3,710,800
Citywide Parks Improvements Plan	0	637,800	0	0	32,000	500,000	0	1,000,000	500,000	500,000	3,169,800
Douglas MacArthur School - Recreation & Parks Programming Space	0	0	0	0	0	0	0	0	0	0	0
Fort Ward Management Plan Implementation	0	320,000	0	200,000	0	200,000	0	200,000	0	200,000	1,120,000
Torpedo Factory Art Center Revitalization	845,000	145,000	50,000	50,000	350,000	50,000	50,000	50,000	50,000	50,000	1,690,000
Renovated or New Recreation Facilities Total	845,000	1,102,800	50,000	250,000	382,000	750,000	50,000	1,250,000	4,260,800	750,000	9,690,600
Recreation & Parks Total	13,308,400	28,204,300	15,362,200	6,653,800	8,610,300	9,310,900	28,560,700	11,625,900	15,535,200	12,335,400	149,507,100
Transportation											
High Capacity Transit Corridors											
Transit Corridor "B" - Duke Street	0	0	14,200,000	20,800,000	40,000,000	0	0	0	0	0	75,000,000
Transit Corridor "C" - West End Transitway	8,171,388	4,028,612	23,610,244	33,589,753	0	0	0	0	0	0	69,399,997
Transitway Enhancements	0	0	0	0	0	0	0	0	0	0	0
High Capacity Transit Corridors Total	8,171,388	4,028,612	37,810,244	54,389,753	40,000,000	0	0	0	0	0	144,399,997
Non-Motorized Transportation											
Access Improvements at Landmark	0	0	3,950,230	2,384,400	0	0	0	0	0	0	6,334,630
Alexandria Mobility Plan	0	0	0	0	0	0	0	0	0	0	0
Capital Bikeshare	400,000	250,000	250,000	0	0	0	0	0	0	0	900,000
CMAQ Contingency from Cancelled Backlick Run Multi-Use Paths	2,210,003	2,100,648	300,000	0	0	0	0	0	0	0	4,610,651
Complete Streets	1,511,000	761,000	773,000	786,000	800,000	814,000	829,000	844,000	861,000	878,000	8,857,000
Duke Street and West Taylor Run Safety Improvements	0	0	3,905,460	0	0	0	0	0	0	0	3,905,460
King Street-Bradlee Roadway Improvements	0	1,000,000	1,000,000	0	0	0	0	0	0	0	2,000,000
Old Cameron Run Trail	0	1,646,273	1,122,727	2,045,000	0	0	0	0	0	0	4,814,000
Sidewalk Capital Maintenance	309,000	636,600	327,900	675,400	347,800	716,500	369,000	760,100	391,500	780,000	5,313,800
Non-Motorized Transportation Total	4,430,003	6,394,521	11,629,317	5,890,800	1,147,800	1,530,500	1,198,000	1,604,100	1,252,500	1,658,000	36,735,541
Public Transit											
DASH Bus Fleet Replacements	0	12,465,600	9,288,200	0	9,332,200	19,343,700	0	8,740,800	21,006,900	31,510,000	111,687,400
DASH Facility and Fleet Expansion	3,421,000	2,928,000	6,241,000	7,040,000	0	0	0	0	0	0	19,630,000
DASH Hybrid Bus and Trolley Powertrain Replacement	0	371,400	382,500	394,000	347,800	298,600	184,500	0	0	0	1,978,800
Transit Access & Amenities	500,000	400,000	0	0	0	0	0	0	0	0	900,000
Transit Staffing Contingency	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Transit Strategic Plan in Alexandria	150,000	0	0	0	0	0	0	0	0	0	150,000
WMATA Capital Contributions	11,950,000	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	173,615,000
Public Transit Total	16,171,000	32,575,000	32,716,700	24,649,000	27,315,000	37,712,300	18,699,500	27,715,800	40,456,900	51,450,000	309,461,200
Smart Mobility											
Citywide Parking - Parking Technologies	206,804	250,000	0	0	0	0	0	0	0	0	456,804
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	1,000,000	400,000	600,000	3,084,550	0	0	0	0	0	0	5,084,550
Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade	103,000	138,200	175,200	202,800	208,800	215,000	221,400	228,200	235,100	242,200	1,969,900
Citywide Trans. Mgmt. Tech. - Transportation Technologies	0	265,300	0	281,500	0	298,500	309,500	316,800	326,300	336,100	2,134,000
DASH Electronic Fare Payment	0	0	0	0	0	0	0	0	0	0	0
DASH Scheduling Software	0	0	0	0	0	0	0	0	0	0	0
DASH Technologies	0	600,000	255,745	0	0	0	0	0	0	0	855,745
Traffic Adaptive Signal Control	5,266,347	2,409,553	0	0	0	0	0	0	0	0	7,675,900
Smart Mobility Total	6,576,151	4,063,053	1,030,945	3,568,850	208,800	513,500	530,900	545,000	561,400	578,300	18,176,899
Streets and Bridges											
Bridge Repairs	2,151,000	2,373,000	2,583,000	2,775,000	2,977,000	3,167,000	3,660,000	4,572,000	3,670,000	4,600,000	32,528,000
Fixed Transportation Equipment	875,500	2,493,400	956,300	985,000	1,043,500	1,074,800	1,107,000	1,140,300	1,207,100	1,243,100	12,126,000
Four Mile Run Bridge Program	7,000,000	7,000,000	0	0	0	0	0	0	0	10,000,000	24,000,000
Seminary Road at Beauregard Street Ellipse	0	3,500,000	16,200,000	16,700,000	100,000	0	0	0	0	0	36,500,000
Street Reconstruction & Resurfacing of Major Roads	6,394,000	5,835,000	5,436,400	5,599,500	4,984,900	6,328,500	6,149,400	6,333,900	6,523,900	6,719,600	60,305,100
Streets and Bridges Total	16,420,500	21,201,400	25,175,700	26,059,500	9,105,400	10,570,300	10,916,400	12,046,200	11,401,000	22,562,700	165,459,100
Transportation Total	51,769,042	68,262,586	108,362,906	114,557,903	77,777,000	50,326,600	31,344,800	41,911,100	53,671,800	76,249,000	674,232,737
Sanitary Sewers											
Sanitary Sewers											
AlexRenew Wastewater Treatment Plant Capacity	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	-
Combined Sewer Assessment & Rehabilitation	5,000,000	3,900,000	0	0	0	0	0	0	0	0	8,900,000
Holmes Run Trunk Sewer	0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	-
Reconstructions & Extensions of Sanitary Sewers	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	9,000,000
Sanitary Sewer Asset Renewal Program	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 Sewers Total	10,400,000	8,300,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	53,900,000
Sanitary Sewers Total	10,400,000	8,300,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	53,900,000

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Stormwater Management											
Stormwater Management											
Floodproofing Grant Program	750,000	769,000	789,000	809,000	830,000	851,000	873,000	895,000	918,000	941,000	8,425,000
Four Mile Run Channel Maintenance	0	936,600	0	300,000	300,000	0	1,251,300	2,900,000	0	300,000	5,987,900
Green Infrastructure	210,000	0	1,549,000	0	0	0	0	0	0	0	1,759,000
Hooffs Run Culvert	0	0	0	0	1,344,000	0	0	0	0	1,505,300	2,849,300
Inspection and Cleaning (State of Good Repair) CFMP	1,000,000	1,025,000	1,051,000	1,078,000	1,105,000	1,133,000	1,162,000	1,192,000	1,222,000	1,253,000	11,221,000
MS4-TDML Compliance Water Quality Improvements	1,350,000	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	17,425,000
NPDES / MS4 Permit	170,000	168,400	170,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	1,747,200
Phosphorus Exchange Bank	0	0	0	0	0	0	0	0	0	0	0
Small-Midsize Stormwater Maintenance Projects	500,000	513,000	526,000	540,000	554,000	568,000	583,000	598,000	613,000	629,000	5,624,000
Storm Sewer Capacity Assessment	19,900,000	26,425,000	28,825,000	32,375,000	15,950,000	15,200,000	13,675,000	6,700,000	6,350,000	4,000,000	169,400,000
Storm Sewer System Spot Improvements	2,540,500	2,605,000	2,671,000	2,738,000	2,807,000	2,878,000	2,950,000	3,024,000	3,100,000	3,178,000	28,491,500
Stormwater BMP Maintenance CFMP	245,000	252,000	260,000	1,202,000	1,221,000	158,000	161,000	165,000	168,000	172,000	4,004,000
Strawberry Run Stream Restoration	0	0	0	0	0	0	0	0	0	0	0
Stream & Channel Maintenance	859,000	881,000	904,000	927,000	951,000	975,000	1,000,000	1,025,000	1,051,000	1,078,000	9,651,000
Taylor Run Stream Restoration	0	0	0	0	0	0	0	0	0	0	0
Stormwater Management Total	27,524,500	34,875,000	38,845,000	41,940,700	27,285,500	23,688,200	23,832,300	19,252,700	15,102,500	14,238,500	266,584,900
Stormwater Management Total	27,524,500	34,875,000	38,845,000	41,940,700	27,285,500	23,688,200	23,832,300	19,252,700	15,102,500	14,238,500	266,584,900
Other Regional Contributions											
Other Regional Contributions											
Northern Virginia Community College (NVCC)	0	0	0	0	0	0	0	0	0	0	0
Northern Virginia Regional Park Authority (NVRPA)	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000
Other Regional Contributions Total	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000
Other Regional Contributions Total	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000
IT Plan											
Document Management											
Document Imaging	10,000	10,000	10,000	10,000	110,000	10,000	10,000	10,000	10,000	10,000	200,000
Document Management Total	10,000	10,000	10,000	10,000	110,000	10,000	10,000	10,000	10,000	10,000	200,000
Financial Systems											
Business Tax System/Reciprocity Contractor System	0	0	0	0	0	0	305,000	0	0	0	305,000
Employee Pension Administration System	0	0	0	0	0	0	0	0	0	0	0
Enterprise Resource Planning System	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Personal Property Tax System	144,900	152,200	159,800	167,800	176,200	185,000	194,200	203,900	214,100	225,000	1,823,100
Phone, Web, Portable Device Payment Portals	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	0	0	0	0	175,000	0	0	0	200,000	0	375,000
Real Estate Assessment System (CAMA)	15,000	15,000	15,000	15,000	60,000	15,000	15,000	15,000	15,000	15,000	195,000
Financial Systems Total	224,900	232,200	239,800	247,800	436,200	225,000	539,200	243,900	454,100	265,000	3,108,100
Geographic Information Systems											
GIS Development	70,000	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	525,000
Geographic Information Systems Total	70,000	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	525,000
Network Services											
Connectivity Initiatives	608,000	639,000	670,000	704,000	740,000	780,000	780,000	400,000	400,000	740,000	6,461,000
Database Infrastructure	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Enterprise Camera System	0	0	0	0	0	0	0	0	0	0	0
Enterprise Collaboration	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Enterprise Data Storage Infrastructure	400,000	350,000	350,000	350,000	0	0	0	0	0	0	1,450,000
Enterprise Service Catalog	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Information Technology Equipment Replacement	922,000	996,000	1,001,000	1,006,000	1,011,000	1,017,000	822,000	829,000	835,000	842,000	9,281,000
Information Technology Lump Sum Funding	0	1,200,000	3,200,000	3,200,000	3,200,000	3,200,000	3,400,000	3,400,000	3,400,000	5,000,000	29,200,000
LAN Development	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
LAN/WAN Infrastructure	1,438,700	952,400	466,500	480,900	1,732,700	913,900	922,800	931,800	941,800	952,800	9,734,300
Municipal Fiber	11,353,000	160,000	168,000	176,000	185,000	195,000	204,000	215,000	225,000	236,000	13,117,000
Network Security	510,000	500,000	605,000	400,000	400,000	800,000	350,000	350,000	350,000	500,000	4,765,000
Network Server Infrastructure	300,000	300,000	300,000	0	0	0	0	0	0	0	900,000
Remote Access	170,000	175,000	0	0	0	0	0	0	0	0	345,000
Time & Attendance System Upgrade	0	0	40,000	0	0	0	0	55,000	0	0	95,000
Upgrade Work Station Operating Systems	233,000	386,000	290,000	395,000	100,000	105,000	110,000	115,000	121,000	127,000	1,982,000
Voice Over Internet Protocol (VoIP)	155,000	120,000	80,000	60,000	0	0	0	0	0	0	415,000
Network Services Total	16,234,700	5,923,400	7,315,500	6,916,900	7,393,700	7,035,900	6,613,800	6,320,800	6,297,800	8,422,800	78,475,300

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Other System Development Projects											
Computerized Maintenance Management System (CMMS)	325,000	159,000	0	0	0	0	0	0	0	0	484,000
Council Chamber Technology Upgrade	0	440,000	0	0	66,000	0	0	0	0	450,000	956,000
DCHS Integrated Client Information System	300,000	TBD	TBD	0	0	0	0	0	0	0	300,000
Enterprise Maintenance Mgmt System	40,000	40,000	40,000	40,000	380,600	0	0	0	0	380,000	920,600
Fleet Management System	0	0	0	0	0	0	0	0	0	0	0
FOIA System Replacement	100,000	0	0	0	0	0	0	0	0	0	100,000
HIPAA & Related Health Information Technologies	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Impound Lot System Replacement	150,000	0	0	0	0	0	0	0	0	0	150,000
Library Information Technology Equipment Replacement	32,000	0	0	0	0	0	0	0	0	0	32,000
Library Public Access Computers and Print Mgmt System	0	85,000	0	0	0	0	0	0	0	0	85,000
Library Scanning Equipment and DAMS	0	0	0	0	0	0	0	0	0	0	0
Library Self-Service Stations/Equipment	0	0	0	152,000	0	0	0	0	0	0	152,000
Migration of Integrated Library System to SAAS Platform	0	0	0	0	0	0	0	0	0	0	0
Office of Voter Registrations and Elections Equipment Replacement	0	0	0	0	0	0	0	1,000,000	0	0	1,000,000
OHA Point-of-Sale System Replacement	0	0	150,000	0	0	0	0	0	0	0	150,000
OHA Records Management System Replacement	5,000	0	0	0	0	0	0	0	0	0	5,000
Permit Processing	0	0	0	0	0	0	0	0	0	0	0
Project Management Software	113,000	0	0	0	0	0	0	0	0	0	113,000
Recreation Database System	200,000	10,000	10,000	10,000	65,000	10,000	10,000	10,000	10,000	10,000	345,000
Small Systems Replacements	0	0	0	0	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Other System Development Projects Total	1,290,000	759,000	225,000	227,000	536,600	285,000	285,000	1,285,000	285,000	1,115,000	6,292,600
Public Access Development											
Customer Relationship Management System	0	0	0	0	0	0	0	0	0	0	0
Electronic Government/Web Page	160,000	50,000	250,000	50,000	50,000	50,000	50,000	0	0	250,000	910,000
Public Access Development Total	160,000	50,000	250,000	50,000	50,000	50,000	50,000	0	0	250,000	910,000
Public Safety Systems											
AJIS System	3,401,000	1,829,000	259,000	259,000	268,000	258,000	258,000	257,000	257,000	1,725,000	8,771,000
Computer Aided Dispatch (CAD) System Replacement	104,000	108,000	114,000	6,819,000	125,000	132,000	138,000	145,000	152,000	160,000	7,997,000
Courtroom Trial Presentation Technology	0	100,000	0	0	100,000	100,000	25,000	0	0	100,000	425,000
Electronic Citations Implementation	420,000	0	0	0	0	0	0	0	0	420,000	840,000
Fire Dept RMS	307,500	0	0	0	0	0	0	0	0	0	307,500
Parking Citation System Replacement	135,000	0	0	0	0	0	0	0	0	135,000	270,000
Radio System Upgrade	950,500	4,657,600	1,520,000	2,742,000	0	0	0	2,000,000	0	0	11,870,100
Public Safety Systems Total	5,318,000	6,694,600	1,893,000	9,820,000	493,000	490,000	421,000	2,402,000	409,000	2,540,000	30,480,600
IT Plan Total	23,307,600	13,699,200	10,003,300	17,301,700	9,104,500	8,135,900	7,989,000	10,291,700	7,525,900	12,632,800	119,991,600
CIP Development & Implementation Staff											
City Manager's Office											
Public Private Partnerships Coordinator (0.50 FTE)	89,000	93,000	97,000	102,000	107,000	113,000	118,000	124,000	131,000	137,000	1,111,000
City Manager's Office Total	89,000	93,000	97,000	102,000	107,000	113,000	118,000	124,000	131,000	137,000	1,111,000
Deparment of General Services											
General Services Capital Projects Staff (7.80)	1,033,000	1,103,000	1,158,000	1,216,000	1,276,000	1,340,000	1,407,000	1,478,000	1,551,000	1,745,000	13,307,000
Deparment of General Services Total	1,033,000	1,103,000	1,158,000	1,216,000	1,276,000	1,340,000	1,407,000	1,478,000	1,551,000	1,745,000	13,307,000
Department of Finance											
Capital Procurement Personnel (8.10 FTE)	712,000	974,000	1,022,000	1,073,000	1,127,000	1,184,000	1,243,000	1,305,000	1,370,000	1,438,000	11,448,000
Department of Finance Total	712,000	974,000	1,022,000	1,073,000	1,127,000	1,184,000	1,243,000	1,305,000	1,370,000	1,438,000	11,448,000
Department of Planning & Zoning											
Capital Project Development Team (2.00 FTE)	168,000	221,000	232,000	243,000	255,000	268,000	282,000	295,000	310,000	326,000	2,600,000
Department of Planning & Zoning Total	168,000	221,000	232,000	243,000	255,000	268,000	282,000	295,000	310,000	326,000	2,600,000
Department of Project Implementation											
Capital Project Implementation Non-Personnel Expenditures	205,800	212,000	218,400	224,900	231,700	238,600	245,800	253,200	260,800	268,600	2,359,800
Capital Project Implementation Personnel (29.00 FTE)	4,013,000	4,425,000	4,647,000	4,880,000	5,123,000	5,380,000	5,649,000	5,932,000	6,228,000	6,539,000	52,816,000
Department of Project Implementation Total	4,218,800	4,637,000	4,865,400	5,104,900	5,354,700	5,618,600	5,894,800	6,185,200	6,488,800	6,807,600	55,175,800
Department of Recreation, Parks, and Cultural Activities											
Open Space Management Staff (2.00 FTE)	234,000	265,000	278,000	292,000	306,000	322,000	338,000	355,000	372,000	391,000	3,153,000
Department of Recreation, Parks, and Cultural Activities Total	234,000	265,000	278,000	292,000	306,000	322,000	338,000	355,000	372,000	391,000	3,153,000
Information Technology Services											
IT Systems Implementation Staff (2.50 FTE)	200,000	335,000	352,000	370,000	388,000	408,000	428,000	449,000	472,000	495,000	3,897,000
Information Technology Services Total	200,000	335,000	352,000	370,000	388,000	408,000	428,000	449,000	472,000	495,000	3,897,000
Office of Management & Budget											
Capital Budget Staff (1.50 FTE)	202,000	211,000	222,000	233,000	245,000	257,000	269,000	283,000	297,000	296,000	2,515,000
Office of Management & Budget Total	202,000	211,000	222,000	233,000	245,000	257,000	269,000	283,000	297,000	296,000	2,515,000
CIP Development & Implementation Staff Total	6,856,800	7,839,000	8,226,400	8,633,900	9,058,700	9,510,600	9,979,800	10,474,200	10,991,800	11,635,600	93,206,800
Grand Total	293,102,842	527,899,386	415,726,806	315,365,803	192,538,300	162,170,600	211,518,500	136,341,800	171,000,800	235,846,500	2,661,511,337

Table 5
Approved FY 2022 - FY 2031 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.

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
ACPS											
ACPS											
ACPS Capital Program	55,199,200	167,680,700	31,081,900	77,295,700	9,551,500	27,189,500	79,102,000	8,874,600	25,305,700	70,202,200	551,483,000
ACPS Total	55,199,200	167,680,700	31,081,900	77,295,700	9,551,500	27,189,500	79,102,000	8,874,600	25,305,700	70,202,200	551,483,000
ACPS Total	55,199,200	167,680,700	31,081,900	77,295,700	9,551,500	27,189,500	79,102,000	8,874,600	25,305,700	70,202,200	551,483,000
Affordable Housing											
Community Development											
Affordable Housing Funding	8,202,000	6,306,000	6,412,000	6,520,000	6,630,000	6,743,000	6,858,000	6,975,000	7,095,000	7,237,000	68,978,000
Community Development Total	8,202,000	6,306,000	6,412,000	6,520,000	6,630,000	6,743,000	6,858,000	6,975,000	7,095,000	7,237,000	68,978,000
Affordable Housing Total	8,202,000	6,306,000	6,412,000	6,520,000	6,630,000	6,743,000	6,858,000	6,975,000	7,095,000	7,237,000	68,978,000
Category 1											
Community Development											
Fire Department Vehicles & Apparatus	472,600	1,867,700	2,196,700	2,441,700	3,482,200	2,102,100	3,789,000	3,350,300	2,781,200	3,516,400	25,999,900
Fire Hydrant Maintenance Program	360,500	371,400	382,500	394,000	289,900	298,600	307,500	316,700	326,200	336,000	3,383,300
Gadsby Lighting Fixtures & Poles Replacement	950,000	950,000	0	84,500	0	89,600	92,300	0	97,900	100,900	2,365,200
Public Art Conservation Program	51,600	63,900	43,800	56,400	58,000	59,800	73,900	50,800	65,400	67,400	591,000
Community Development Total	1,834,700	3,253,000	2,623,000	2,976,600	3,830,100	2,550,100	4,262,700	3,717,800	3,270,700	4,020,700	32,339,400
Public Buildings											
2355 Mill Road CFMP	0	496,600	298,500	827,200	268,500	274,600	301,700	287,000	861,300	887,200	4,502,600
Alexandria Police CFMP	214,500	584,000	164,000	168,900	173,900	179,200	184,500	190,100	195,800	200,900	2,255,800
Alexandria Transit - DASH CFMP	1,351,500	53,100	54,700	56,300	58,000	59,800	61,500	63,400	65,300	67,300	1,890,900
Capital Planning & Building Assessment (Condition Assessment)	100,000	0	100,000	0	150,000	0	150,000	0	150,000	0	650,000
City Historic Facilities CFMP	2,332,600	1,362,700	2,444,600	4,528,200	3,050,100	2,042,800	2,229,500	2,803,400	4,215,600	4,215,600	29,225,100
Courthouse CFMP	0	116,700	2,120,200	123,900	127,600	131,400	135,300	139,400	143,600	139,400	3,177,500
Emergency Power Systems	142,800	807,800	527,100	617,000	287,000	32,900	33,900	34,900	518,000	533,600	3,535,000
Energy Management Program	767,200	1,358,100	1,584,600	1,373,600	746,600	768,900	790,300	812,800	835,300	859,000	9,896,400
Fire & Rescue CFMP	162,100	340,800	1,044,500	1,262,500	1,452,500	372,500	904,000	1,296,000	3,915,100	3,915,100	14,665,100
Fleet Building CFMP	634,000	526,400	744,000	569,500	1,612,200	886,400	609,600	1,098,300	1,016,900	1,016,900	8,714,200
General Services CFMP	360,500	1,616,500	1,625,300	1,075,000	1,659,100	1,550,100	1,174,700	1,209,900	1,246,200	1,246,200	12,763,500
Health Department CFMP	155,300	6,111,700	12,100	12,400	0	0	0	0	0	0	6,291,500
Lee Center CFMP	96,800	114,900	117,500	158,000	505,600	125,600	148,500	131,300	464,700	478,700	2,341,600
Library CFMP	104,200	49,600	61,300	807,400	983,100	2,806,800	4,768,100	5,850,700	5,754,200	5,754,700	26,940,100
Mental Health Residential Facilities CFMP	845,100	670,600	721,400	632,300	758,800	682,600	752,700	779,400	804,800	829,000	7,476,700
Office of the Sheriff CFMP	2,833,500	4,796,000	2,217,300	2,818,700	1,802,700	127,600	131,400	135,300	139,400	139,400	15,141,300
Parking Garages CFMP	10,300	10,700	11,000	11,300	11,600	12,000	12,300	12,700	13,100	13,500	118,500
Roof Replacement Program	366,000	31,600	370,900	742,900	114,000	18,100	0	1,519,700	35,600	37,000	3,235,800
Vola Lawson Animal Shelter	41,200	42,500	133,000	148,100	269,100	900,000	1,223,300	241,700	271,800	280,000	3,550,700
Public Buildings Total	10,517,600	19,090,300	14,352,000	15,933,200	14,030,400	10,971,300	13,611,300	16,606,000	20,646,700	20,613,500	156,372,300
Recreation & Parks											
Americans with Disabilities Act (ADA) Requirements	103,000	106,300	109,400	112,700	116,000	131,500	135,300	139,600	143,600	148,000	1,245,400
Ball Court Renovations	154,500	159,200	164,100	169,000	174,000	194,200	203,100	209,200	215,500	222,000	1,864,800
Chinquapin Recreation Center CFMP	203,000	203,900	253,200	957,500	340,800	263,000	234,400	646,200	715,300	736,800	4,554,100
City Marina Maintenance	46,400	47,900	49,300	50,800	52,200	77,700	80,000	82,500	84,900	87,400	659,100
Park Renovations CFMP	423,600	441,500	454,700	468,400	482,400	547,100	553,600	570,200	587,300	604,900	5,133,700
Pavement in Parks	200,000	275,000	290,000	290,000	240,000	275,000	275,000	275,000	275,000	275,000	2,670,000
Playground Renovations CFMP	1,010,400	1,060,300	1,071,900	1,104,100	1,137,200	954,500	983,200	1,012,700	1,043,100	1,074,400	10,451,800
Proactive Maintenance of the Urban Forest	206,000	212,200	218,600	225,200	231,900	238,900	246,000	253,400	261,000	268,800	2,362,000
Public Pools	53,800	103,100	106,200	109,400	112,500	116,000	123,400	158,500	163,200	168,100	1,214,200
Recreation Centers CFMP	106,300	177,400	148,500	211,200	1,038,300	1,673,000	1,271,600	2,699,200	4,204,800	4,202,800	15,733,100
Shared-Use Paths	150,000	250,000	150,000	0	150,000	0	0	0	0	150,000	850,000
Soft Surface Trails	123,700	124,400	131,300	135,300	139,300	143,400	147,700	152,300	156,700	161,500	1,415,600
Torpedo Factory Art Center Revitalization	845,000	145,000	50,000	50,000	350,000	50,000	50,000	50,000	50,000	50,000	1,690,000
Tree & Shrub Capital Maintenance	373,800	260,900	356,400	367,100	378,000	430,100	442,800	456,200	469,900	484,000	4,019,200
Water Management & Irrigation	131,900	135,900	140,000	144,300	148,500	167,400	172,400	177,500	182,800	188,300	1,589,000
Waterfront Parks CFMP	66,000	53,300	54,800	56,500	58,000	65,800	67,700	69,800	71,900	74,000	637,800
Recreation & Parks Total	4,197,400	3,756,300	3,748,400	4,451,500	5,149,100	5,327,600	4,986,200	6,952,300	8,625,000	8,896,000	56,089,800

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Transportation											
Bridge Repairs	2,151,000	2,373,000	2,583,000	2,775,000	2,977,000	3,167,000	3,660,000	4,572,000	3,670,000	4,600,000	32,528,000
Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade	103,000	138,200	175,200	202,800	208,800	215,000	221,400	228,200	235,100	242,200	1,969,900
DASH Bus Fleet Replacements	0	12,465,600	9,288,200	0	9,332,200	19,343,700	0	8,740,800	21,006,900	31,510,000	111,687,400
DASH Hybrid Bus and Trolley Powertrain Replacement	0	371,400	382,500	394,000	347,800	298,600	184,500	0	0	0	1,978,800
Fixed Transportation Equipment	875,500	2,493,400	956,300	985,000	1,043,500	1,074,800	1,107,000	1,140,300	1,207,100	1,243,100	12,126,000
Four Mile Run Bridge Program	7,000,000	7,000,000	0	0	0	0	0	0	0	10,000,000	24,000,000
Sidewalk Capital Maintenance	309,000	636,600	327,900	675,400	347,800	716,500	369,000	760,100	391,500	780,000	5,313,800
Street Reconstruction & Resurfacing of Major Roads	6,394,000	5,835,000	5,436,400	5,599,500	4,984,900	6,328,500	6,149,400	6,333,900	6,523,900	6,719,600	60,305,100
WMATA Capital Contributions	11,950,000	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	173,615,000
Transportation Total	28,782,500	47,573,200	35,804,500	27,696,700	36,727,000	49,064,100	30,056,300	40,600,300	52,334,500	74,884,900	423,524,000
Sanitary Sewers											
Reconstructions & Extensions of Sanitary Sewers	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	9,000,000
Sanitary Sewer Asset Renewal Program	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 Sewers Total	5,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	45,000,000
Stormwater Management											
Floodproofing Grant Program	750,000	769,000	789,000	809,000	830,000	851,000	873,000	895,000	918,000	941,000	8,425,000
Inspection and Cleaning (State of Good Repair) CFMP	1,000,000	1,025,000	1,051,000	1,078,000	1,105,000	1,133,000	1,162,000	1,192,000	1,222,000	1,253,000	11,221,000
MS4-TDML Compliance Water Quality Improvements	1,350,000	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	17,425,000
Phosphorus Exchange Bank	0	0	0	0	0	0	0	0	0	0	0
Small-Midsize Stormwater Maintenance Projects	500,000	513,000	526,000	540,000	554,000	568,000	583,000	598,000	613,000	629,000	5,624,000
Storm Sewer Capacity Assessment	19,900,000	26,425,000	28,825,000	32,375,000	15,950,000	15,200,000	13,675,000	6,700,000	6,350,000	4,000,000	169,400,000
Storm Sewer System Spot Improvements	2,540,500	2,605,000	2,671,000	2,738,000	2,807,000	2,878,000	2,950,000	3,024,000	3,100,000	3,178,000	28,491,500
Stormwater BMP Maintenance CFMP	245,000	252,000	260,000	1,202,000	1,221,000	158,000	161,000	165,000	168,000	172,000	4,004,000
Stream & Channel Maintenance	859,000	881,000	904,000	927,000	951,000	975,000	1,000,000	1,025,000	1,051,000	1,078,000	9,651,000
Stormwater Management Total	27,144,500	33,770,000	37,126,000	41,469,000	25,468,000	23,513,000	22,404,000	16,174,000	14,922,000	12,251,000	254,241,500
Other Regional Contributions											
Northern Virginia Community College (NVCC)	0	0	0	0	0	0	0	0	0	0	0
Northern Virginia Regional Park Authority (NVRPA)	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000
Other Regional Contributions Total	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000
Category 1 Total	78,298,700	112,308,800	98,524,900	97,403,000	90,084,600	96,311,100	80,210,500	88,945,400	104,698,900	125,571,100	972,357,000
Category 2											
Community Development											
Braddock Road Area Plan - Streetscape Improvements	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	450,000
Environmental Restoration	159,000	292,000	175,000	309,000	368,000	328,000	213,000	324,000	235,000	347,000	2,750,000
Oronoco Outfall Remediation Project	2,676,000	TBD	TBD	TBD	TBD	0	0	0	0	0	2,676,000
Community Development Total	2,880,000	337,000	220,000	354,000	413,000	373,000	258,000	369,000	280,000	392,000	5,876,000
Public Buildings											
Beatley Building Envelope Restoration	0	0	0	0	0	0	0	0	0	0	0
Burke Branch Renovation	825,000	0	0	0	0	0	0	0	0	0	825,000
City Hall Renovation and HVAC Replacement	3,800,000	4,200,000	51,400,000	4,400,000	0	0	0	0	0	0	63,800,000
City Hall Swing Space	0	239,700	6,649,700	1,572,000	0	0	0	0	0	0	8,461,400
Courthouse/PSC Security System Upgrade	0	0	0	0	0	0	0	0	5,300,700	0	5,300,700
Fire Station 205 (Cameron Street)	0	0	0	0	0	0	0	0	0	0	0
Fire Station 207 (Duke Street)	0	0	5,051,800	3,927,100	12,857,300	0	0	0	0	0	21,836,200
Fire Station 208 Replacement	250,000	1,100,000	10,000,000	0	0	0	0	0	0	0	11,350,000
Freedom House Museum Restoration	0	0	0	0	0	0	0	0	0	0	0
Gadsby's Tavern Restaurant Equipment	0	245,000	0	0	0	0	0	0	0	0	245,000
Market Square Plaza and Garage Structural Repairs	8,861,800	0	0	0	0	0	0	0	0	0	8,861,800
New Burn Building	0	2,288,800	0	0	0	0	0	0	0	0	2,288,800
Union Station Improvements	0	250,000	TBD	TBD	TBD	0	0	0	0	0	250,000
Witter/Wheeler - Fuel Island Renovation	450,000	0	0	0	0	0	0	0	0	0	450,000
Witter/Wheeler Campus Funding Reservation	960,000	4,000,000	7,000,000	7,000,000	7,000,000	7,000,000	0	0	0	0	32,960,000
Public Buildings Total	15,146,800	12,323,500	80,101,500	16,899,100	19,857,300	7,000,000	0	0	5,300,700	0	156,628,900
Recreation & Parks											
Citywide Parks Improvements Plan	0	637,800	0	0	32,000	500,000	0	1,000,000	500,000	500,000	3,169,800
Dora Kelley Trail Repairs	0	0	0	0	0	0	0	0	0	0	0
Holmes Run Trail Repairs	5,000,000	0	0	0	0	0	0	0	0	0	5,000,000
Neighborhood Pool Demolition and Conversion	461,000	0	0	0	0	0	0	0	0	0	461,000
Patrick Henry Turf Fields and Recreation Center	0	2,363,600	0	0	0	0	0	0	0	0	2,363,600
Restroom Renovations	0	0	0	0	0	657,700	572,000	686,800	602,000	620,100	3,138,600
Windmill Hill Park Improvements	0	5,646,100	0	0	0	0	0	0	0	0	5,646,100
Recreation & Parks Total	5,461,000	8,647,500	0	0	32,000	1,157,700	572,000	1,686,800	1,102,000	1,120,100	19,779,100

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Transportation											
Alexandria Mobility Plan	0	0	0	0	0	0	0	0	0	0	0
King Street-Bradlee Roadway Improvements	0	1,000,000	1,000,000	0	0	0	0	0	0	0	2,000,000
Transportation Total	0	1,000,000	1,000,000	0	0	0	0	0	0	0	2,000,000
Stormwater Management											
Four Mile Run Channel Maintenance	0	936,600	0	300,000	300,000	0	1,251,300	2,900,000	0	300,000	5,987,900
Hooffs Run Culvert	0	0	0	0	1,344,000	0	0	0	0	1,505,300	2,849,300
Strawberry Run Stream Restoration	0	0	0	0	0	0	0	0	0	0	0
Taylor Run Stream Restoration	0	0	0	0	0	0	0	0	0	0	0
Stormwater Management Total	0	936,600	0	300,000	1,644,000	0	1,251,300	2,900,000	0	1,805,300	8,837,200
IT Plan											
Office of Voter Registrations and Elections Equipment Replacement	0	0	0	0	0	0	0	1,000,000	0	0	1,000,000
IT Plan Total	0	0	0	0	0	0	0	1,000,000	0	0	1,000,000
Category 2 Total	23,487,800	23,244,600	81,321,500	17,553,100	21,946,300	8,530,700	2,081,300	5,955,800	6,682,700	3,317,400	194,121,200
Category 3											
Community Development											
Citywide Street Lighting	420,800	26,600	27,400	28,200	29,000	29,900	30,800	31,700	32,700	33,700	690,800
Development Studies	280,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,530,000
Landmark Mall Redevelopment Project	21,000,000	58,000,000	51,000,000	0	0	0	0	0	0	0	130,000,000
Office of Historic Alexandria Initiatives	47,400	265,200	273,200	168,900	298,900	186,500	0	0	0	0	1,240,100
Office of Historic Alexandria Waterfront Museum Feasibility Study	125,000	0	0	0	0	0	0	0	0	0	125,000
Police Body Worn Cameras	TBD	TBD	TBD	TBD	0	0	0	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	6,060,700
Public Art Acquisition	250,000	250,000	250,000	250,000	400,000	250,000	250,000	250,000	250,000	250,000	2,650,000
Stream Valley Design Guidelines	0	0	0	0	250,000	0	0	0	0	0	250,000
Transportation Signage & Wayfinding System	141,000	0	0	0	0	0	0	0	0	0	141,000
Waterfront Small Area Plan Implementation (w/ Construction Funding)	22,000,000	36,800,000	43,200,000	0	0	0	0	0	0	0	102,000,000
Community Development Total	45,001,200	96,062,800	95,265,600	1,423,200	1,510,000	1,486,500	829,900	1,348,800	1,374,800	1,384,800	245,687,600
Public Buildings											
DCHS Consolidation and Co-Location	20,424,000	61,200,000	0	0	0	0	0	0	0	0	81,624,000
Tactical Training Space	309,000	0	0	0	0	0	0	0	0	0	309,000
Public Buildings Total	20,733,000	61,200,000	0	0	0	0	0	0	0	0	81,933,000
Recreation & Parks											
Athletic Field Improvements (incl. Synthetic Turf)	3,200,000	13,500,000	2,063,800	770,900	812,300	672,100	1,475,400	1,416,800	727,400	749,300	25,388,000
Braddock Area Plan Park	0	0	0	0	0	0	0	0	3,710,800	0	3,710,800
Cameron Run Regional Park Feasibility Study	0	0	0	281,400	0	0	0	0	0	0	281,400
Community Matching Fund	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,000,000
Douglas MacArthur School - Recreation & Parks Programming Space	0	0	0	0	0	0	0	0	0	0	0
Fort Ward Management Plan Implementation	0	320,000	0	200,000	0	200,000	0	200,000	0	200,000	1,120,000
Four Mile Run Park	0	0	0	0	1,266,900	583,500	20,157,100	0	0	0	22,007,500
Four Mile Run Urban Deck	0	0	0	0	0	0	0	0	0	0	0
Old Town Pool	0	530,500	8,600,000	0	0	0	0	0	0	0	9,130,500
Open Space Acquisition and Develop.	250,000	1,250,000	750,000	750,000	1,150,000	1,170,000	1,170,000	1,170,000	1,170,000	1,170,000	10,000,000
Recreation & Parks Total	3,650,000	15,800,500	11,613,800	2,202,300	3,429,200	2,825,600	23,002,500	2,986,800	5,808,200	2,319,300	73,638,200

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Transportation											
Access Improvements at Landmark	0	0	3,950,230	2,384,400	0	0	0	0	0	0	6,334,630
Capital Bikeshare	400,000	250,000	250,000	0	0	0	0	0	0	0	900,000
Citywide Parking - Parking Technologies	206,804	250,000	0	0	0	0	0	0	0	0	456,804
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	1,000,000	400,000	600,000	3,084,550	0	0	0	0	0	0	5,084,550
Citywide Trans. Mgmt. Tech. - Transportation Technologies	0	265,300	0	281,500	0	298,500	309,500	316,800	326,300	336,100	2,134,000
CMAQ Contingency from Cancelled Backlick Run Multi-Use Paths	2,210,003	2,100,648	300,000	0	0	0	0	0	0	0	4,610,651
Complete Streets	1,511,000	761,000	773,000	786,000	800,000	814,000	829,000	844,000	861,000	878,000	8,857,000
DASH Electronic Fare Payment	0	0	0	0	0	0	0	0	0	0	0
DASH Facility and Fleet Expansion	3,421,000	2,928,000	6,241,000	7,040,000	0	0	0	0	0	0	19,630,000
DASH Scheduling Software	0	0	0	0	0	0	0	0	0	0	0
DASH Technologies	0	600,000	255,745	0	0	0	0	0	0	0	855,745
Duke Street and West Taylor Run Safety Improvements	0	0	3,905,460	0	0	0	0	0	0	0	3,905,460
Old Cameron Run Trail	0	1,646,273	1,122,727	2,045,000	0	0	0	0	0	0	4,814,000
Seminary Road at Beauregard Street Ellipse	0	3,500,000	16,200,000	16,700,000	100,000	0	0	0	0	0	36,500,000
Traffic Adaptive Signal Control	5,266,347	2,409,553	0	0	0	0	0	0	0	0	7,675,900
Transit Access & Amenities	500,000	400,000	0	0	0	0	0	0	0	0	900,000
Transit Corridor "B" - Duke Street	0	0	14,200,000	20,800,000	40,000,000	0	0	0	0	0	75,000,000
Transit Corridor "C" - West End Transitway	8,171,388	4,028,612	23,610,244	33,589,753	0	0	0	0	0	0	69,399,997
Transit Strategic Plan in Alexandria	150,000	0	0	0	0	0	0	0	0	0	150,000
Transitway Enhancements	0	0	0	0	0	0	0	0	0	0	0
Transportation Total	22,836,542	19,539,386	71,408,406	86,711,203	40,900,000	1,112,500	1,138,500	1,160,800	1,187,300	1,214,100	247,208,737
Sanitary Sewers											
AlexRenew Wastewater Treatment Plant Capacity	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	-
Combined Sewer Assessment & Rehabilitation	5,000,000	3,900,000	0	0	0	0	0	0	0	0	8,900,000
Holmes Run Trunk Sewer	0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	-
Sanitary Sewers Total	5,000,000	3,900,000	0	TBD	-	-	-	-	-	-	8,900,000
Stormwater Management											
Green Infrastructure	210,000	0	1,549,000	0	0	0	0	0	0	0	1,759,000
NPDES / MS4 Permit	170,000	168,400	170,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	1,747,200
Stormwater Management Total	380,000	168,400	1,719,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	3,506,200
Category 3 Total	97,600,742	196,671,086	180,006,806	90,508,403	46,012,700	5,599,800	25,147,900	5,675,100	8,550,800	5,100,400	660,873,737
CIP Development & Implementation Staff											
Transportation											
Transit Staffing Contingency	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Transportation Total	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
CIP Development & Implementation Staff											
Capital Budget Staff (1.50 FTE)	202,000	211,000	222,000	233,000	245,000	257,000	269,000	283,000	297,000	296,000	2,515,000
Capital Procurement Personnel (8.10 FTE)	712,000	974,000	1,022,000	1,073,000	1,127,000	1,184,000	1,243,000	1,305,000	1,370,000	1,438,000	11,448,000
Capital Project Development Team (2.00 FTE)	168,000	221,000	232,000	243,000	255,000	268,000	282,000	295,000	310,000	326,000	2,600,000
Capital Project Implementation Non-Personnel Expenditures	205,800	212,000	218,400	224,900	231,700	238,600	245,800	253,200	260,800	268,600	2,359,800
Capital Project Implementation Personnel (29.00 FTE)	4,013,000	4,425,000	4,647,000	4,880,000	5,123,000	5,380,000	5,649,000	5,932,000	6,228,000	6,539,000	52,816,000
General Services Capital Projects Staff (7.80)	1,033,000	1,103,000	1,158,000	1,216,000	1,276,000	1,340,000	1,407,000	1,478,000	1,551,000	1,745,000	13,307,000
IT Systems Implementation Staff (2.50 FTE)	200,000	335,000	352,000	370,000	388,000	408,000	428,000	449,000	472,000	495,000	3,897,000
Open Space Management Staff (2.00 FTE)	234,000	265,000	278,000	292,000	306,000	322,000	338,000	355,000	372,000	391,000	3,153,000
Public Private Partnerships Coordinator (0.50 FTE)	89,000	93,000	97,000	102,000	107,000	113,000	118,000	124,000	131,000	137,000	1,111,000
CIP Development & Implementation Staff Total	6,856,800	7,839,000	8,226,400	8,633,900	9,058,700	9,510,600	9,979,800	10,474,200	10,991,800	11,635,600	93,206,800
CIP Development & Implementation Staff Total	7,006,800	7,989,000	8,376,400	8,783,900	9,208,700	9,660,600	10,129,800	10,624,200	11,141,800	11,785,600	94,706,800

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
IT Plan											
IT Plan											
AJIS System	3,401,000	1,829,000	259,000	259,000	268,000	258,000	258,000	257,000	257,000	1,725,000	8,771,000
Business Tax System/Reciprocity Contractor System	0	0	0	0	0	0	305,000	0	0	0	305,000
Computer Aided Dispatch (CAD) System Replacement	104,000	108,000	114,000	6,819,000	125,000	132,000	138,000	145,000	152,000	160,000	7,997,000
Computerized Maintenance Management System (CMMS)	325,000	159,000	0	0	0	0	0	0	0	0	484,000
Connectivity Initiatives	608,000	639,000	670,000	704,000	740,000	780,000	780,000	400,000	400,000	740,000	6,461,000
Council Chamber Technology Upgrade	0	440,000	0	0	66,000	0	0	0	0	450,000	956,000
Courtroom Trial Presentation Technology	0	100,000	0	0	100,000	100,000	25,000	0	0	100,000	425,000
Customer Relationship Management System	0	0	0	0	0	0	0	0	0	0	0
Database Infrastructure	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
DCHS Integrated Client Information System	300,000	TBD	TBD	0	0	0	0	0	0	0	300,000
Document Imaging	10,000	10,000	10,000	10,000	110,000	10,000	10,000	10,000	10,000	10,000	200,000
Electronic Citations Implementation	420,000	0	0	0	0	0	0	0	0	420,000	840,000
Electronic Government/Web Page	160,000	50,000	250,000	50,000	50,000	50,000	50,000	0	0	250,000	910,000
Employee Pension Administration System	0	0	0	0	0	0	0	0	0	0	0
Enterprise Camera System	0	0	0	0	0	0	0	0	0	0	0
Enterprise Collaboration	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Enterprise Data Storage Infrastructure	400,000	350,000	350,000	350,000	0	0	0	0	0	0	1,450,000
Enterprise Maintenance Mgmt System	40,000	40,000	40,000	40,000	380,600	0	0	0	0	380,000	920,600
Enterprise Resource Planning System	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Enterprise Service Catalog	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Fire Dept RMS	307,500	0	0	0	0	0	0	0	0	0	307,500
Fleet Management System	0	0	0	0	0	0	0	0	0	0	0
FOIA System Replacement	100,000	0	0	0	0	0	0	0	0	0	100,000
GIS Development	70,000	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	525,000
HIPAA & Related Health Information Technologies	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Impound Lot System Replacement	150,000	0	0	0	0	0	0	0	0	0	150,000
Information Technology Equipment Replacement	922,000	996,000	1,001,000	1,006,000	1,011,000	1,017,000	822,000	829,000	835,000	842,000	9,281,000
Information Technology Lump Sum Funding	0	1,200,000	3,200,000	3,200,000	3,200,000	3,200,000	3,400,000	3,400,000	3,400,000	5,000,000	29,200,000
LAN Development	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
LAN/WAN Infrastructure	1,438,700	952,400	466,500	480,900	1,732,700	913,900	922,800	931,800	941,800	952,800	9,734,300
Library Information Technology Equipment Replacement	32,000	0	0	0	0	0	0	0	0	0	32,000
Library Public Access Computers and Print Mgmt System	0	85,000	0	0	0	0	0	0	0	0	85,000
Library Scanning Equipment and DAMS	0	0	0	0	0	0	0	0	0	0	0
Library Self-Service Stations/Equipment	0	0	0	152,000	0	0	0	0	0	0	152,000
Migration of Integrated Library System to SAAS Platform	0	0	0	0	0	0	0	0	0	0	0
Municipal Fiber	11,353,000	160,000	168,000	176,000	185,000	195,000	204,000	215,000	225,000	236,000	13,117,000
Network Security	510,000	500,000	605,000	400,000	400,000	800,000	350,000	350,000	350,000	500,000	4,765,000
Network Server Infrastructure	300,000	300,000	300,000	0	0	0	0	0	0	0	900,000
OHA Point-of-Sale System Replacement	0	0	150,000	0	0	0	0	0	0	0	150,000
OHA Records Management System Replacement	5,000	0	0	0	0	0	0	0	0	0	5,000
Parking Citation System Replacement	135,000	0	0	0	0	0	0	0	0	135,000	270,000
Permit Processing	0	0	0	0	0	0	0	0	0	0	0
Personal Property Tax System	144,900	152,200	159,800	167,800	176,200	185,000	194,200	203,900	214,100	225,000	1,823,100
Phone, Web, Portable Device Payment Portals	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	113,000	0	0	0	0	0	0	0	0	0	113,000
Radio System Upgrade	950,500	4,657,600	1,520,000	2,742,000	0	0	0	2,000,000	0	0	11,870,100
Real Estate Account Receivable System	0	0	0	0	175,000	0	0	0	200,000	0	375,000
Real Estate Assessment System (CAMA)	15,000	15,000	15,000	15,000	60,000	15,000	15,000	15,000	15,000	15,000	195,000
Recreation Database System	200,000	10,000	10,000	10,000	65,000	10,000	10,000	10,000	10,000	10,000	345,000
Remote Access	170,000	175,000	0	0	0	0	0	0	0	0	345,000
Small Systems Replacements	0	0	0	0	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Time & Attendance System Upgrade	0	0	40,000	0	0	0	0	55,000	0	0	95,000
Upgrade Work Station Operating Systems	233,000	386,000	290,000	395,000	100,000	105,000	110,000	115,000	121,000	127,000	1,982,000
Voice Over Internet Protocol (VoIP)	155,000	120,000	80,000	60,000	0	0	0	0	0	0	415,000
IT Plan Total	23,307,600	13,699,200	10,003,300	17,301,700	9,104,500	8,135,900	7,989,000	9,291,700	7,525,900	12,632,800	118,991,600
IT Plan Total	23,307,600	13,699,200	10,003,300	17,301,700	9,104,500	8,135,900	7,989,000	9,291,700	7,525,900	12,632,800	118,991,600
Grand Total	293,102,842	527,899,386	415,726,806	315,365,803	192,538,300	162,170,600	211,518,500	136,341,800	171,000,800	235,846,500	2,661,511,337

SUMMARY FUNDING TABLES

Table 1
Approved FY 2022 – FY 2031 Capital Improvement Program
Total Sources and Uses of Capital Improvement Program Funds

Source of Funds	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	TOTAL FY 2022 - 2031
All City Cash Sources (Cash Capital)											
General Fund Planned Appropriations (Transfer from General Fund)	33,558,304	32,650,000	25,000,000	25,500,000	26,100,000	26,700,000	27,300,000	27,900,000	28,500,000	29,100,000	282,308,304
Use of CIP Designated Fund Balance	10,000,000	9,000,000	-	-	-	-	-	-	-	-	19,000,000
Subtotal, All Unrestricted City Cash Sources	43,558,304	41,650,000	25,000,000	25,500,000	26,100,000	26,700,000	27,300,000	27,900,000	28,500,000	29,100,000	301,308,304
Unrestricted Borrowing Sources											
General Obligation Bonds (Excl. Sewers/TIP/Potomac Yard)	153,076,729	342,291,300	204,093,300	140,998,800	75,235,500	82,343,750	140,268,300	64,136,400	95,725,950	152,949,100	1,451,119,129
Subtotal, All Unrestricted City Sources	196,635,033	383,941,300	229,093,300	166,498,800	101,335,500	109,043,750	167,568,300	92,036,400	124,225,950	182,049,100	1,752,427,433
Restricted City Sources											
Meals Tax Dedication for Affordable Housing	3,996,000	5,306,000	5,412,000	5,520,000	5,630,000	5,743,000	5,858,000	5,975,000	6,095,000	6,237,000	55,772,000
Potomac Yard Special Tax District Revenue	192,800	202,900	213,000	223,100	234,200	246,300	258,400	271,500	284,600	298,700	2,425,500
Sanitary Sewer Fees and Fund Balance	11,253,000	9,199,000	5,344,000	5,392,000	5,441,000	5,493,000	5,548,000	5,605,000	5,666,000	5,729,000	64,670,000
Stormwater Utility Fees	8,667,500	7,209,000	4,499,000	3,757,700	3,775,500	3,957,200	3,974,300	4,324,700	4,146,500	4,566,500	48,877,900
Use of Stormwater Fund Utility Balance	3,600,000	-	-	-	-	-	-	-	-	-	3,600,000
Use of Stormwater Tax Dedication Fund Balance	1,765,000	-	-	-	-	-	-	-	-	-	1,765,000
General Obligation Bonds - Stormwater Management	14,630,000	28,860,000	35,600,000	39,500,000	24,893,000	21,183,000	21,383,000	16,529,000	12,637,000	11,437,000	226,652,000
Cash Capital - Transportation Improvement Program	865,967	1,785,300	1,456,000	1,810,500	1,653,000	1,897,500	1,863,500	2,034,800	2,112,300	2,248,100	17,726,967
Landmark Redevelopment Supported Bonds	21,000,000	58,000,000	51,000,000	-	-	-	-	-	-	-	130,000,000
Subtotal, Restricted City Sources	65,970,267	110,562,200	103,524,000	56,203,300	41,626,700	38,520,000	38,885,200	34,740,000	30,941,400	30,516,300	551,489,367
Non-City Sources											
CMAQ/RSTP	400,000	1,850,000	1,505,745	3,084,550	-	-	-	-	-	-	6,840,295
Comcast Revenues	1,000,000	1,000,000	-	-	-	-	-	-	-	-	2,000,000
NVTA 30%	4,950,000	5,050,000	5,230,000	5,420,000	3,210,000	3,335,000	3,465,000	3,595,000	3,730,000	5,926,100	43,911,100
NVTA 70%	2,200,000	-	14,200,000	20,800,000	40,000,000	-	-	-	-	-	77,200,000
Private Capital Contributions	100,000	3,600,000	16,300,000	16,800,000	200,000	100,000	100,000	100,000	100,000	100,000	37,500,000
State/Federal Grants	18,650,542	14,163,086	39,729,661	45,059,153	-	-	-	-	-	-	117,602,442
State/Federal Grants (Unsecured)	-	6,232,800	4,644,100	-	4,666,100	9,671,850	-	4,370,400	10,503,450	15,755,000	55,843,700
State Revenue Sharing	3,197,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	16,697,000
Subtotal, Non-City Sources	30,497,542	33,395,886	83,109,506	92,663,703	49,576,100	14,606,850	5,065,000	9,565,400	15,833,450	23,281,100	357,594,537
Total, All Sources	**293,102,842**	**527,899,386**	**415,726,806**	**315,365,803**	**192,538,300**	**162,170,600**	**211,518,500**	**136,341,800**	**171,000,800**	**235,846,500**	**2,661,511,337**

% from Bonds	64.4%	81.3%	69.9%	57.2%	52.0%	63.8%	76.4%	59.2%	63.4%	69.7%	67.9%
% from City and Other Cash Sources	35.6%	18.7%	30.1%	42.8%	48.0%	36.2%	23.6%	40.8%	36.6%	30.3%	32.1%

General Fund Operating Support of Capital Program	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	TOTAL FY 2022 - 2031
General Fund Debt Service (Existing and Projected)											
City Projects	36,851,668	51,586,740	69,182,357	82,247,864	85,262,371	87,004,106	90,218,772	93,356,475	94,644,439	95,918,020	786,272,811
School Projects	28,633,966	39,287,821	51,163,717	52,606,611	55,966,808	54,551,325	56,299,853	60,348,654	58,620,868	59,129,358	516,608,981
General Fund Debt Service (Existing and Projected)	65,485,634	90,874,561	120,346,074	134,854,475	141,229,179	141,555,431	146,518,625	153,705,128	153,265,308	155,047,378	1,302,881,792
Cash Capital Funding											
General Fund Cash Capital	33,558,304	32,650,000	25,000,000	25,500,000	26,100,000	26,700,000	27,300,000	27,900,000	28,500,000	29,100,000	282,308,304
Cash Capital - Transportation Improvement Program	865,967	1,785,300	1,456,000	1,810,500	1,653,000	1,897,500	1,863,500	2,034,800	2,112,300	2,248,100	17,726,967
Total Cash Capital Funding	34,424,271	34,435,300	26,456,000	27,310,500	27,753,000	28,597,500	29,163,500	29,934,800	30,612,300	31,348,100	300,035,271
Total General Fund Support of Capital Program	**99,909,905**	**125,309,861**	**146,802,074**	**162,164,975**	**168,982,179**	**170,152,931**	**175,682,125**	**183,639,928**	**183,877,608**	**186,395,478**	**1,602,917,063**
Year-over-Year Increase		*25.4%*	*17.2%*	*10.5%*	*4.2%*	*0.7%*	*3.2%*	*4.5%*	*0.1%*	*1.4%*	

All Uses (CIP Document Section)	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	TOTAL FY 2022 - 2031
Schools	55,199,200	167,680,700	31,081,900	77,295,700	9,551,500	27,189,500	79,102,000	8,874,600	25,305,700	70,202,200	551,483,000
Community Development	57,917,900	105,958,800	104,520,600	11,273,800	12,383,100	11,152,600	12,208,600	12,410,600	12,020,500	13,034,500	352,881,000
Recreation & Parks	13,308,400	28,204,300	15,362,200	6,653,800	8,610,300	9,310,900	28,560,700	11,625,900	15,535,200	12,335,400	149,507,100
Public Buildings	46,397,400	92,613,800	94,453,500	32,832,300	33,887,700	17,971,300	13,611,300	16,606,000	25,947,400	20,613,500	394,934,200
Transportation	51,769,042	68,262,586	108,362,906	114,557,903	77,777,000	50,326,600	31,344,800	41,911,100	53,671,800	76,249,000	674,232,737
Sanitary Sewers	10,400,000	8,300,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	53,900,000
Stormwater Management	27,524,500	34,875,000	38,845,000	41,940,700	27,285,500	23,688,200	23,832,300	19,252,700	15,102,500	14,238,500	266,584,900
Other Regional Contributions	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000
IT Plan	23,307,600	13,699,200	10,003,300	17,301,700	9,104,500	8,135,900	7,989,000	10,291,700	7,525,900	12,632,800	119,991,600
CIP Development & Implementation Staff	6,856,800	7,839,000	8,226,400	8,633,900	9,058,700	9,510,600	9,979,800	10,474,200	10,991,800	11,635,600	93,206,800
Grand Total	**293,102,842**	**527,899,386**	**415,726,806**	**315,365,803**	**192,538,300**	**162,170,600**	**211,518,500**	**136,341,800**	**171,000,800**	**235,846,500**	**2,661,511,337**

All Uses (CIP Document Section)	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	TOTAL FY 2022 - 2031
Schools	55,199,200	167,680,700	31,081,900	77,295,700	9,551,500	27,189,500	79,102,000	8,874,600	25,305,700	70,202,200	551,483,000
Community Development	57,917,900	105,958,800	104,520,600	11,273,800	12,383,100	11,152,600	12,208,600	12,410,600	12,020,500	13,034,500	352,881,000
Recreation & Parks	13,208,400	28,104,300	15,262,200	6,553,800	8,510,300	9,210,900	28,460,700	11,525,900	15,435,200	12,235,400	148,507,100
Public Buildings	46,397,400	92,613,800	94,453,500	32,832,300	33,887,700	17,971,300	13,611,300	16,606,000	25,947,400	20,613,500	394,934,200
Transportation	22,371,500	35,966,700	25,353,400	21,994,200	28,300,900	35,819,750	26,379,800	32,445,700	37,938,350	53,067,900	319,638,200
Sanitary Sewers	10,400,000	8,300,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	53,900,000
Stormwater Management	27,524,500	34,875,000	38,845,000	41,940,700	27,285,500	23,688,200	23,832,300	19,252,700	15,102,500	14,238,500	266,584,900
Other Regional Contributions	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000
IT Plan	22,307,600	12,699,200	10,003,300	17,301,700	9,104,500	8,135,900	7,989,000	10,291,700	7,525,900	12,632,800	117,991,600
CIP Development & Implementation Staff	6,856,800	7,839,000	8,226,400	8,633,900	9,058,700	9,510,600	9,979,800	10,474,200	10,991,800	11,635,600	93,206,800
TOTAL (City Share)	**262,605,300**	**494,503,500**	**332,617,300**	**222,702,100**	**142,962,200**	**147,563,750**	**206,453,500**	**126,776,400**	**155,167,350**	**212,565,400**	**2,303,916,800**

All Uses (CIP Document Section)	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	TOTAL FY 2022 - 2031
Schools	-	-	-	-	-	-	-	-	-	-	-
Community Development	-	-	-	-	-	-	-	-	-	-	-
Recreation & Parks	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Public Buildings	-	-	-	-	-	-	-	-	-	-	-
Transportation	29,397,542	32,295,886	83,009,506	92,563,703	49,476,100	14,506,850	4,965,000	9,465,400	15,733,450	23,181,100	354,594,537
Sanitary Sewers	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management	-	-	-	-	-	-	-	-	-	-	-
Other Regional Contributions	-	-	-	-	-	-	-	-	-	-	-
IT Plan	1,000,000	1,000,000	-	-	-	-	-	-	-	-	2,000,000
CIP Development & Implementation Staff	-	-	-	-	-	-	-	-	-	-	-
TOTAL (Non-City Share)	**30,497,542**	**33,395,886**	**83,109,506**	**92,663,703**	**49,576,100**	**14,606,850**	**5,065,000**	**9,565,400**	**15,833,450**	**23,281,100**	**357,594,537**

Table 2
Approved FY 2022 – FY 2031 Capital Improvement Program
Sources and Uses of Funds
For the Ten Fiscal Years Ending June 30, 2031

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 2022 - 2031			
FY 2022	$38,420,271	$65,485,634	$103,905,905
FY 2023	$39,741,300	$90,874,561	$130,615,861
FY 2024	$31,868,000	$120,346,074	$152,214,074
FY 2025	$32,830,500	$134,854,475	$167,684,975
FY 2026	$33,383,000	$141,229,179	$174,612,179
FY 2027	$34,340,500	$141,555,431	$175,895,931
FY 2028	$35,021,500	$146,518,625	$181,540,125
FY 2029	$35,909,800	$153,705,128	$189,614,928
FY 2030	$36,707,300	$153,265,308	$189,972,608
FY 2031	$37,585,100	$155,047,378	$192,632,478
TOTAL Planned Future Appropriations	$355,807,271	$1,302,881,792	$1,658,689,063

(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	$167,706,729
FY 2023	$371,151,300
FY 2024	$239,693,300
FY 2025	$180,498,800
FY 2026	$100,128,500
FY 2027	$103,526,750
FY 2028	$161,651,300
FY 2029	$80,665,400
FY 2030	$108,362,950
FY 2031	$164,386,100
TOTAL Planned General Obligation Bond Issues	$1,677,771,129

(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	$19,000,000
Use of Stormwater Utility & Tax Dedication Fund Balance	$5,365,000
Potomac Yard Special Tax District Revenue	$2,425,500
Sanitary Sewer Fees	$64,670,000
Stormwater Utility Fees	$48,877,900
Landmark Redevelopment Supported Bonds	$130,000,000
TOTAL Planned Other City Sources	$270,338,400
TOTAL CITY SOURCES (FY 2022 - FY 2031)	$3,606,798,592

Table 2 (Continued)
Approved FY 2022 – FY 2031 Capital Improvement Program
Sources and Uses of Funds
For the Ten Fiscal Years Ending June 30, 2031

Approved FY 2022 - FY 2031 City Funded CIP	
FY 2022 Proposed Capital Budget	$293,102,842
FY 2023 Proposed Capital Budget	$527,899,386
FY 2024 Proposed Capital Budget	$415,726,806
FY 2025 Proposed Capital Budget	$315,365,803
FY 2026 Proposed Capital Budget	$192,538,300
FY 2027 Proposed Capital Budget	$162,170,600
FY 2028 Proposed Capital Budget	$211,518,500
FY 2029 Proposed Capital Budget	$136,341,800
FY 2030 Proposed Capital Budget	$171,000,800
FY 2031 Proposed Capital Budget	$235,846,500
TOTAL CITY FUNDED USES (FY 2022 - FY 2031)	$2,661,511,337

Table 3
Approved FY 2022 – FY 2031 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.

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Cash Capital											
ACPS											
ACPS Capital Program	0	0	2,500,000	1,035,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	1,250,000	17,285,000
ACPS Total	0	0	2,500,000	1,035,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	1,250,000	17,285,000
Community Development											
Affordable Housing Funding	4,206,000	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	13,206,000
Braddock Road Area Plan - Streetscape Improvements	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	450,000
Citywide Street Lighting	420,800	26,600	27,400	28,200	29,000	29,900	30,800	31,700	32,700	33,700	690,800
Development Studies	280,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,530,000
Environmental Restoration	0	125,000	0	125,000	175,000	125,000	0	100,000	0	100,000	750,000
Fire Hydrant Maintenance Program	360,500	371,400	382,500	394,000	289,900	298,600	307,500	316,700	326,200	336,000	3,383,300
Gadsby Lighting Fixtures & Poles Replacement	950,000	950,000	0	84,500	0	89,600	92,300	0	97,900	100,900	2,365,200
Office of Historic Alexandria Initiatives	47,400	265,200	273,200	168,900	298,900	186,500	0	0	0	0	1,240,100
Office of Historic Alexandria Waterfront Museum Feasibility Study	125,000	0	0	0	0	0	0	0	0	0	125,000
Police Body Worn Cameras	TBD	TBD	TBD	TBD	0	0	0	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	6,060,700
Public Art Acquisition	250,000	250,000	250,000	250,000	400,000	250,000	250,000	250,000	250,000	250,000	2,650,000
Public Art Conservation Program	51,600	63,900	43,800	56,400	58,000	59,800	73,900	50,800	65,400	67,400	591,000
Stream Valley Design Guidelines	0	0	0	0	250,000	0	0	0	0	0	250,000
Waterfront Small Area Plan Implementation (w/ Construction Funding)	0	409,800	704,700	0	0	0	0	0	0	0	1,114,500
Community Development Total	7,473,300	4,227,900	3,241,600	3,128,100	3,077,900	3,104,500	2,348,600	2,861,300	2,909,300	3,034,100	35,406,600
Public Buildings											
Capital Planning & Building Assessment (Condition Assessment)	100,000	0	100,000	0	150,000	0	150,000	0	150,000	0	650,000
City Hall Renovation and HVAC Replacement	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000
City Historic Facilities CFMP	875,000	0	0	0	0	452,000	1,775,900	199,100	3,069,000	0	6,371,000
Courthouse CFMP	0	0	0	0	0	0	0	0	0	0	0
DCHS Consolidation and Co-Location	1,000,000										1,000,000
Energy Management Program	257,000	420,000	433,000	447,000	387,900	478,000	494,000	511,000	529,000	548,000	4,504,900
Gadsby's Tavern Restaurant Equipment	0	245,000	0	0	0	0	0	0	0	0	245,000
General Services CFMP	360,500	100,000	100,000	100,000	1,182,800	1,550,100	1,174,700	1,209,900	1,246,200	173,900	7,198,100
Health Department CFMP	155,300	6,111,700	12,100	12,400	0	0	0	0	0	0	6,291,500
Office of the Sheriff CFMP	1,757,604	0	0	0	0	0	0	0	0	0	1,757,604
Parking Garages CFMP	10,300	10,700	11,000	11,300	11,600	12,000	12,300	12,700	13,100	13,500	118,500
Tactical Training Space	309,000	0	0	0	0	0	0	0	0	0	309,000
Union Station Improvements	0	250,000	0	0	0	0	0	0	0	0	250,000
Vola Lawson Animal Shelter	41,200	42,500	133,000	148,100	269,100	900,000	1,223,300	241,700	271,800	280,000	3,550,700
Witter/Wheeler Campus Funding Reservation	960,000	0	0	0	0	0	0	0	0	0	960,000
Public Buildings Total	7,825,904	7,179,900	789,100	718,800	2,001,400	3,392,100	4,830,200	2,174,400	5,279,100	1,015,400	35,206,304
Recreation & Parks											
Americans with Disabilities Act (ADA) Requirements	103,000	106,300	109,400	112,700	116,000	131,500	135,300	139,600	143,600	148,000	1,245,400
Cameron Run Regional Park Feasibility Study	0	0	0	281,400	0	0	0	0	0	0	281,400
City Marina Maintenance	46,400	47,900	49,300	50,800	52,200	77,700	80,000	82,500	84,900	87,400	659,100
Community Matching Fund	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Fort Ward Management Plan Implementation	0	320,000	0	200,000	0	200,000	0	200,000	0	200,000	1,120,000
Park Renovations CFMP	423,600	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,323,600
Playground Renovations CFMP	105,000	0	0	0	0	0	0	0	0	0	105,000
Proactive Maintenance of the Urban Forest	206,000	212,200	218,600	225,200	231,900	238,900	246,000	253,400	261,000	268,800	2,362,000
Public Pools	53,800	103,100	106,200	109,400	112,500	116,000	123,400	158,500	163,200	168,100	1,214,200
Shared-Use Paths	150,000	250,000	150,000	0	150,000	0	0	0	0	150,000	850,000
Torpedo Factory Art Center Revitalization	845,000	145,000	50,000	50,000	350,000	50,000	50,000	50,000	50,000	50,000	1,690,000
Tree & Shrub Capital Maintenance	373,800	260,900	356,400	367,100	378,000	430,100	442,800	456,200	469,900	484,000	4,019,200
Water Management & Irrigation	131,900	135,900	140,000	144,300	148,500	167,400	172,400	177,500	182,800	188,300	1,589,000
Recreation & Parks Total	2,538,500	1,781,300	1,379,900	1,740,900	1,739,100	1,611,600	1,449,900	1,717,700	1,555,400	1,944,600	17,458,900
Transportation											
Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade	103,000	138,200	175,200	202,800	208,800	215,000	221,400	228,200	235,100	242,200	1,969,900
Complete Streets	1,469,000	511,000	523,000	536,000	550,000	564,000	579,000	594,000	611,000	628,000	6,565,000
DASH Hybrid Bus and Trolley Powertrain Replacement	0	371,400	382,500	394,000	347,800	298,600	184,500	0	0	0	1,978,800
Transportation Total	1,572,000	1,020,600	1,080,700	1,132,800	1,106,600	1,077,600	984,900	822,200	846,100	870,200	10,513,700
Other Regional Contributions											
Northern Virginia Community College (NVCC)	0	0	0	0	0	0	0	0	0	0	0
Northern Virginia Regional Park Authority (NVRPA)	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000
Other Regional Contributions Total	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
IT Plan											
AJIS System	401,000	1,829,000	259,000	259,000	268,000	258,000	258,000	257,000	257,000	1,725,000	5,771,000
Business Tax System/Reciprocity Contractor System	0	0	0	0	0	0	305,000	0	0	0	305,000
Computer Aided Dispatch (CAD) System Replacement	104,000	108,000	114,000	978,900	125,000	132,000	138,000	145,000	152,000	160,000	2,156,900
Computerized Maintenance Management System (CMMS)	325,000	159,000	0	0	0	0	0	0	0	0	484,000
Connectivity Initiatives	0	0	670,000	704,000	740,000	780,000	780,000	400,000	400,000	740,000	5,214,000
Council Chamber Technology Upgrade	0	440,000	0	0	66,000	0	0	0	0	450,000	956,000
Courtroom Trial Presentation Technology	0	100,000	0	0	100,000	100,000	25,000	0	0	100,000	425,000
Customer Relationship Management System	0	0	0	0	0	0	0	0	0	0	0
Database Infrastructure	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
DCHS Integrated Client Information System	300,000	TBD	TBD	0	0	0	0	0	0	0	300,000
Document Imaging	10,000	10,000	10,000	10,000	110,000	10,000	10,000	10,000	10,000	10,000	200,000
Electronic Citations Implementation	420,000	0	0	0	0	0	0	0	0	420,000	840,000
Electronic Government/Web Page	160,000	50,000	250,000	50,000	50,000	50,000	50,000	0	0	250,000	910,000
Employee Pension Administration System	0	0	0	0	0	0	0	0	0	0	0
Enterprise Camera System	0	0	0	0	0	0	0	0	0	0	0
Enterprise Collaboration	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Enterprise Data Storage Infrastructure	400,000	350,000	350,000	350,000	0	0	0	0	0	0	1,450,000
Enterprise Maintenance Mgmt System	40,000	40,000	40,000	40,000	380,600	0	0	0	0	380,000	920,600
Enterprise Resource Planning System	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Enterprise Service Catalog	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Fire Dept RMS	307,500	0	0	0	0	0	0	0	0	0	307,500
Fleet Management System	0	0	0	0	0	0	0	0	0	0	0
FOIA System Replacement	100,000	0	0	0	0	0	0	0	0	0	100,000
GIS Development	70,000	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	525,000
HIPAA & Related Health Information Technologies	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Impound Lot System Replacement	150,000	0	0	0	0	0	0	0	0	0	150,000
Information Technology Equipment Replacement	922,000	996,000	1,001,000	1,006,000	1,011,000	1,017,000	822,000	829,000	835,000	842,000	9,281,000
Information Technology Lump Sum Funding	0	1,200,000	3,200,000	3,200,000	3,200,000	3,200,000	3,400,000	3,400,000	3,400,000	5,000,000	29,200,000
LAN Development	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
LAN/WAN Infrastructure	1,046,700	591,400	466,500	480,900	1,732,700	913,900	922,800	931,800	941,800	952,800	8,981,300
Library Information Technology Equipment Replacement	32,000	0	0	0	0	0	0	0	0	0	32,000
Library Public Access Computers and Print Mgmt System	0	85,000	0	0	0	0	0	0	0	0	85,000
Library Scanning Equipment and DAMS	0	0	0	0	0	0	0	0	0	0	0
Library Self-Service Stations/Equipment	0	0	0	152,000	0	0	0	0	0	0	152,000
Migration of Integrated Library System to SAAS Platform	0	0	0	0	0	0	0	0	0	0	0
Municipal Fiber	1,353,000	160,000	168,000	176,000	185,000	195,000	204,000	215,000	225,000	236,000	3,117,000
Network Security	510,000	500,000	605,000	400,000	400,000	800,000	350,000	350,000	350,000	500,000	4,765,000
Network Server Infrastructure	300,000	300,000	300,000	0	0	0	0	0	0	0	900,000
Office of Voter Registrations and Elections Equipment Replacement	0	0	0	0	0	0	0	1,000,000	0	0	1,000,000
OHA Point-of-Sale System Replacement	0	0	150,000	0	0	0	0	0	0	0	150,000
OHA Records Management System Replacement	5,000	0	0	0	0	0	0	0	0	0	5,000
Parking Citation System Replacement	135,000	0	0	0	0	0	0	0	0	135,000	270,000
Personal Property Tax System	144,900	152,200	159,800	167,800	176,200	185,000	194,200	203,900	214,100	225,000	1,823,100
Phone, Web, Portable Device Payment Portals	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	113,000	0	0	0	0	0	0	0	0	0	113,000
Radio System Upgrade	950,500	4,657,600	1,520,000	2,742,000	0	0	0	2,000,000	0	0	11,870,100
Real Estate Account Receivable System	0	0	0	0	175,000	0	0	0	200,000	0	375,000
Real Estate Assessment System (CAMA)	15,000	15,000	15,000	15,000	60,000	15,000	15,000	15,000	15,000	15,000	195,000
Recreation Database System	200,000	10,000	10,000	10,000	65,000	10,000	10,000	10,000	10,000	10,000	345,000
Remote Access	170,000	175,000	0	0	0	0	0	0	0	0	345,000
Small Systems Replacements	0	0	0	0	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Time & Attendance System Upgrade	0	0	40,000	0	0	0	0	55,000	0	0	95,000
Upgrade Work Station Operating Systems	233,000	386,000	290,000	395,000	100,000	105,000	110,000	115,000	121,000	127,000	1,982,000
Voice Over Internet Protocol (VoIP)	155,000	120,000	80,000	60,000	0	0	0	0	0	0	415,000
IT Plan Total	9,307,600	12,699,200	10,003,300	11,461,600	9,104,500	8,135,900	7,989,000	10,291,700	7,525,900	12,632,800	99,151,500
CIP Development & Implementation Staff											
Capital Budget Staff (1.50 FTE)	202,000	211,000	222,000	233,000	245,000	257,000	269,000	283,000	297,000	296,000	2,515,000
Capital Procurement Personnel (8.10 FTE)	712,000	974,000	1,022,000	1,073,000	1,127,000	1,184,000	1,243,000	1,305,000	1,370,000	1,438,000	11,448,000
Capital Project Development Team (2.00 FTE)	168,000	221,000	232,000	243,000	255,000	268,000	282,000	295,000	310,000	326,000	2,600,000
Capital Project Implementation Non-Personnel Expenditures	204,000	210,100	216,400	222,800	229,500	236,300	243,400	250,700	258,200	265,900	2,337,300
Capital Project Implementation Personnel (29.00 FTE)	1,577,000	1,863,000	1,957,000	2,055,000	2,157,000	2,265,000	2,379,000	2,498,000	2,623,000	2,754,000	22,128,000
General Services Capital Projects Staff (7.80)	1,033,000	1,103,000	1,158,000	1,216,000	1,276,000	1,340,000	1,407,000	1,478,000	1,551,000	1,745,000	13,307,000
IT Systems Implementation Staff (2.50 FTE)	200,000	335,000	352,000	370,000	388,000	408,000	428,000	449,000	472,000	495,000	3,897,000
Open Space Management Staff (2.00 FTE)	234,000	265,000	278,000	292,000	306,000	322,000	338,000	355,000	372,000	391,000	3,153,000
Public Private Partnerships Coordinator (0.50 FTE)	89,000	93,000	97,000	102,000	107,000	113,000	118,000	124,000	131,000	137,000	1,111,000
CIP Development & Implementation Staff Total	4,419,000	5,275,100	5,534,400	5,806,800	6,090,500	6,393,300	6,707,400	7,037,700	7,384,200	7,847,900	62,496,300
Cash Capital Total	33,558,304	32,650,000	25,000,000	25,500,000	26,100,000	26,700,000	27,300,000	27,900,000	28,500,000	29,100,000	282,308,304

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
CMAQ/RSTP											
Transportation											
Capital Bikeshare	400,000	250,000	250,000	0	0	0	0	0	0	0	900,000
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	0	0	0	3,084,550	0	0	0	0	0	0	3,084,550
DASH Electronic Fare Payment	0	0	0	0	0	0	0	0	0	0	0
DASH Technologies	0	600,000	255,745	0	0	0	0	0	0	0	855,745
King Street-Bradlee Roadway Improvements	0	1,000,000	1,000,000	0	0	0	0	0	0	0	2,000,000
Transitway Enhancements	0	0	0	0	0	0	0	0	0	0	0
Transportation Total	400,000	1,850,000	1,505,745	3,084,550	0	0	0	0	0	0	6,840,295
CMAQ/RSTP Total	400,000	1,850,000	1,505,745	3,084,550	0	0	0	0	0	0	6,840,295
Code Fund Balance											
IT Plan											
Permit Processing	0	0	0	0	0	0	0	0	0	0	0
IT Plan Total	0	0	0	0	0	0	0	0	0	0	0
Code Fund Balance Total	0	0	0	0	0	0	0	0	0	0	0
Comcast Revenues											
IT Plan											
Connectivity Initiatives	608,000	639,000	0	0	0	0	0	0	0	0	1,247,000
LAN/WAN Infrastructure	392,000	361,000	0	0	0	0	0	0	0	0	753,000
IT Plan Total	1,000,000	1,000,000	0	0	0	0	0	0	0	0	2,000,000
Comcast Revenues Total	1,000,000	1,000,000	0	0	0	0	0	0	0	0	2,000,000
GO Bonds											
ACPS											
ACPS Capital Program	54,199,200	165,180,700	28,581,900	76,260,700	7,051,500	24,689,500	76,602,000	6,374,600	22,805,700	68,952,200	530,698,000
ACPS Total	54,199,200	165,180,700	28,581,900	76,260,700	7,051,500	24,689,500	76,602,000	6,374,600	22,805,700	68,952,200	530,698,000
Community Development											
Fire Department Vehicles & Apparatus	472,600	1,867,700	2,196,700	2,441,700	3,482,200	2,102,100	3,789,000	3,350,300	2,781,200	3,516,400	25,999,900
Oronoco Outfall Remediation Project	2,676,000	TBD	TBD	TBD	TBD	0	0	0	0	0	2,676,000
Transportation Signage & Wayfinding System	141,000	0	0	0	0	0	0	0	0	0	141,000
Waterfront Small Area Plan Implementation (w/ Construction Funding)	17,000,000	29,890,200	42,495,300	0	0	0	0	0	0	0	89,385,500
Community Development Total	20,289,600	31,757,900	44,692,000	2,441,700	3,482,200	2,102,100	3,789,000	3,350,300	2,781,200	3,516,400	118,202,400
Public Buildings											
2355 Mill Road CFMP	0	496,600	298,500	827,200	268,500	274,600	301,700	287,000	861,300	887,200	4,502,600
Alexandria Police CFMP	214,500	584,000	164,000	168,900	173,900	179,200	184,500	190,100	195,800	200,900	2,255,800
Alexandria Transit - DASH CFMP	1,351,500	53,100	54,700	56,300	58,000	59,800	61,500	63,400	65,300	67,300	1,890,900
Beatley Building Envelope Restoration	0	0	0	0	0	0	0	0	0	0	0
Burke Branch Renovation	825,000	0	0	0	0	0	0	0	0	0	825,000
City Hall Renovation and HVAC Replacement	1,800,000	4,200,000	51,400,000	4,400,000	0	0	0	0	0	0	61,800,000
City Hall Swing Space	0	239,700	6,649,700	1,572,000	0	0	0	0	0	0	8,461,400
City Historic Facilities CFMP	1,457,600	1,362,700	2,444,600	4,528,200	3,050,100	1,590,800	453,600	2,604,300	1,146,600	4,215,600	22,854,100
Courthouse CFMP	0	116,700	2,120,200	123,900	127,600	131,400	135,300	139,400	143,600	139,400	3,177,500
Courthouse/PSC Security System Upgrade	0	0	0	0	0	0	0	0	5,300,700	0	5,300,700
DCHS Consolidation and Co-Location	19,424,000	61,200,000	0	0	0	0	0	0	0	0	80,624,000
Emergency Power Systems	142,800	807,800	527,100	617,000	287,000	32,900	33,900	34,900	518,000	533,600	3,535,000
Energy Management Program	510,200	938,100	1,151,600	926,600	358,700	290,900	296,300	301,800	306,300	311,000	5,391,500
Fire & Rescue CFMP	162,100	340,800	1,044,500	1,262,500	1,452,500	372,500	904,000	1,296,000	3,915,100	3,915,100	14,665,100
Fire Station 207 (Duke Street)	0	0	5,051,800	3,927,100	12,857,300	0	0	0	0	0	21,836,200
Fire Station 208 Replacement	250,000	1,100,000	10,000,000	0	0	0	0	0	0	0	11,350,000
Fleet Building CFMP	634,000	526,400	744,000	569,500	1,612,200	886,400	609,600	1,098,300	1,016,900	1,016,900	8,714,200
General Services CFMP	0	1,516,500	1,525,300	975,000	476,300	0	0	0	0	1,072,300	5,565,400
Lee Center CFMP	96,800	114,900	117,500	158,000	505,600	125,600	148,500	131,300	464,700	478,700	2,341,600
Library CFMP	104,200	49,600	61,300	807,400	983,100	2,806,800	4,768,100	5,850,700	5,754,200	5,754,700	26,940,100
Market Square Plaza and Garage Structural Repairs	8,861,800	0	0	0	0	0	0	0	0	0	8,861,800
Mental Health Residential Facilities CFMP	845,100	670,600	721,400	632,300	758,800	682,600	752,700	779,400	804,800	829,000	7,476,700
New Burn Building	0	2,288,800	0	0	0	0	0	0	0	0	2,288,800
Office of the Sheriff CFMP	1,075,896	4,796,000	2,217,300	2,818,700	1,802,700	127,600	131,400	135,300	139,400	139,400	13,383,696
Roof Replacement Program	366,000	31,600	370,900	742,900	114,000	18,100	0	1,519,700	35,600	37,000	3,235,800
Witter/Wheeler - Fuel Island Renovation	450,000	0	0	0	0	0	0	0	0	0	450,000
Witter/Wheeler Campus Funding Reservation	0	4,000,000	7,000,000	7,000,000	7,000,000	7,000,000	0	0	0	0	32,000,000
Public Buildings Total	38,571,496	85,433,900	93,664,400	32,113,500	31,886,300	14,579,200	8,781,100	14,431,600	20,668,300	19,598,100	359,727,896

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Recreation & Parks											
Athletic Field Improvements (incl. Synthetic Turf)	3,200,000	13,500,000	2,063,800	770,900	812,300	672,100	1,475,400	1,416,800	727,400	749,300	25,388,000
Ball Court Renovations	154,500	159,200	164,100	169,000	174,000	194,200	203,100	209,200	215,500	222,000	1,864,800
Braddock Area Plan Park	0	0	0	0	0	0	0	0	3,710,800	0	3,710,800
Chinquapin Recreation Center CFMP	203,000	203,900	253,200	957,500	340,800	263,000	234,400	646,200	715,300	736,800	4,554,100
Citywide Parks Improvements Plan	0	637,800	0	0	32,000	500,000	0	1,000,000	500,000	500,000	3,169,800
Douglas MacArthur School - Recreation & Parks Programming Space	0	0	0	0	0	0	0	0	0	0	0
Four Mile Run Park	0	0	0	0	1,266,900	583,500	20,157,100	0	0	0	22,007,500
Holmes Run Trail Repairs	4,000,000	0	0	0	0	0	0	0	0	0	4,000,000
Neighborhood Pool Demolition and Conversion	461,000	0	0	0	0	0	0	0	0	0	461,000
Old Town Pool	0	530,500	8,600,000	0	0	0	0	0	0	0	9,130,500
Open Space Acquisition and Develop.	250,000	1,250,000	750,000	750,000	1,150,000	1,170,000	1,170,000	1,170,000	1,170,000	1,170,000	10,000,000
Park Renovations CFMP	0	341,500	354,700	368,400	382,400	447,100	453,600	470,200	487,300	504,900	3,810,100
Patrick Henry Turf Fields and Recreation Center	0	2,363,600	0	0	0	0	0	0	0	0	2,363,600
Pavement in Parks	200,000	275,000	290,000	290,000	240,000	275,000	275,000	275,000	275,000	275,000	2,670,000
Playground Renovations CFMP	905,400	1,060,300	1,071,900	1,104,100	1,137,200	954,500	983,200	1,012,700	1,043,100	1,074,400	10,346,800
Recreation Centers CFMP	106,300	177,400	148,500	211,200	1,038,300	1,673,000	1,271,600	2,699,200	4,204,800	4,202,800	15,733,100
Restroom Renovations	0	0	0	0	0	657,700	572,000	686,800	602,000	620,100	3,138,600
Soft Surface Trails	123,700	124,400	131,300	135,300	139,300	143,400	147,700	152,300	156,700	161,500	1,415,600
Waterfront Parks CFMP	66,000	53,300	54,800	56,500	58,000	65,800	67,700	69,800	71,900	74,000	637,800
Windmill Hill Park Improvements	0	5,646,100	0	0	0	0	0	0	0	0	5,646,100
Recreation & Parks Total	9,669,900	26,323,000	13,882,300	4,812,900	6,771,200	7,599,300	27,010,800	9,808,200	13,879,800	10,290,800	130,048,200
Transportation											
Bridge Repairs	2,151,000	2,373,000	2,583,000	2,775,000	2,977,000	3,167,000	3,660,000	4,572,000	3,670,000	4,600,000	32,528,000
Complete Streets	42,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,292,000
DASH Bus Fleet Replacements	0	4,732,800	3,144,100	0	3,166,100	8,171,850	0	2,870,400	9,003,450	12,288,900	43,377,600
Fixed Transportation Equipment	875,500	2,493,400	956,300	985,000	1,043,500	1,074,800	1,107,000	1,140,300	1,207,100	1,243,100	12,126,000
Four Mile Run Bridge Program	7,000,000	7,000,000	0	0	0	0	0	0	0	10,000,000	24,000,000
Sidewalk Capital Maintenance	309,000	636,600	327,900	675,400	347,800	716,500	369,000	760,100	391,500	780,000	5,313,800
Street Reconstruction & Resurfacing of Major Roads	3,197,000	3,635,000	2,936,400	3,099,500	2,484,900	3,828,500	3,649,400	3,833,900	4,023,900	4,219,600	34,908,100
WMATA Capital Contributions	6,772,033	12,475,000	13,075,000	11,745,000	15,775,000	16,165,000	15,050,000	16,745,000	17,045,000	17,210,000	142,057,033
Transportation Total	20,346,533	33,595,800	23,272,700	19,529,900	26,044,300	33,373,650	24,085,400	30,171,700	35,590,950	50,591,600	296,602,533
IT Plan											
Computer Aided Dispatch (CAD) System Replacement	0	0	0	5,840,100	0	0	0	0	0	0	5,840,100
Municipal Fiber	10,000,000	0	0	0	0	0	0	0	0	0	10,000,000
IT Plan Total	10,000,000	0	0	5,840,100	0	0	0	0	0	0	15,840,100
GO Bonds Total	153,076,729	342,291,300	204,093,300	140,998,800	75,235,500	82,343,750	140,268,300	64,136,400	95,725,950	152,949,100	1,451,119,129
GO Bonds (Stormwater)											
Stormwater Management											
Four Mile Run Channel Maintenance	0	0	0	200,000	200,000	0	1,151,300	2,800,000	0	0	4,351,300
Green Infrastructure	0	0	1,449,000	0	0	0	0	0	0	0	1,449,000
Hooffs Run Culvert	0	0	0	0	1,344,000	0	0	0	0	1,505,300	2,849,300
Inspection and Cleaning (State of Good Repair) CFMP	0	0	525,500	539,000	552,500	566,500	581,000	596,000	611,000	626,500	4,598,000
MS4-TDML Compliance Water Quality Improvements	0	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	16,075,000
Small-Midsize Stormwater Maintenance Projects	0	0	300,000	300,000	376,500	300,000	372,700	300,000	383,000	412,200	2,744,400
Storm Sewer Capacity Assessment	14,535,000	25,425,000	28,325,000	32,125,000	15,700,000	14,950,000	13,425,000	6,450,000	6,100,000	3,750,000	160,785,000
Storm Sewer System Spot Improvements	95,000	1,605,000	2,171,000	2,601,000	2,667,000	2,734,000	2,803,000	2,873,000	2,945,000	3,019,000	23,513,000
Stormwater BMP Maintenance CFMP	0	0	129,500	1,100,000	1,100,000	100,000	100,000	100,000	100,000	100,000	2,829,500
Stream & Channel Maintenance	0	530,000	600,000	835,000	903,000	782,500	950,000	835,000	998,000	1,024,000	7,457,500
Stormwater Management Total	14,630,000	28,860,000	35,600,000	39,500,000	24,893,000	21,183,000	21,383,000	16,529,000	12,637,000	11,437,000	226,652,000
GO Bonds (Stormwater) Total	14,630,000	28,860,000	35,600,000	39,500,000	24,893,000	21,183,000	21,383,000	16,529,000	12,637,000	11,437,000	226,652,000
Landmark Redevelopment Supported Bonds											
Community Development											
Landmark Mall Redevelopment Project	21,000,000	58,000,000	51,000,000	0	0	0	0	0	0	0	130,000,000
Community Development Total	21,000,000	58,000,000	51,000,000	0	0	0	0	0	0	0	130,000,000
Landmark Redevelopment Supported Bonds Total	21,000,000	58,000,000	51,000,000	0	0	0	0	0	0	0	130,000,000
Meals Tax Dedication for Affordable Housing											
Community Development											
Affordable Housing Funding	3,996,000	5,306,000	5,412,000	5,520,000	5,630,000	5,743,000	5,858,000	5,975,000	6,095,000	6,237,000	55,772,000
Community Development Total	3,996,000	5,306,000	5,412,000	5,520,000	5,630,000	5,743,000	5,858,000	5,975,000	6,095,000	6,237,000	55,772,000
Meals Tax Dedication for Affordable Housing Total	3,996,000	5,306,000	5,412,000	5,520,000	5,630,000	5,743,000	5,858,000	5,975,000	6,095,000	6,237,000	55,772,000
NVTA 30% Funds											
Transportation											
DASH Bus Fleet Replacements	0	1,500,000	1,500,000	0	1,500,000	1,500,000	0	1,500,000	1,500,000	3,466,100	12,466,100
Transit Staffing Contingency	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Transit Strategic Plan in Alexandria	75,000	0	0	0	0	0	0	0	0	0	75,000
WMATA Capital Contributions	4,725,000	3,400,000	3,580,000	5,270,000	1,560,000	1,685,000	3,315,000	1,945,000	2,080,000	2,310,000	29,870,000
Transportation Total	4,950,000	5,050,000	5,230,000	5,420,000	3,210,000	3,335,000	3,465,000	3,595,000	3,730,000	5,926,100	43,911,100
NVTA 30% Funds Total	4,950,000	5,050,000	5,230,000	5,420,000	3,210,000	3,335,000	3,465,000	3,595,000	3,730,000	5,926,100	43,911,100

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
NVTA 70% Funds											
Transportation											
Transit Corridor "B" - Duke Street	0	0	14,200,000	20,800,000	40,000,000	0	0	0	0	0	75,000,000
Transit Corridor "C" - West End Transitway	2,200,000	0	0	0	0	0	0	0	0	0	2,200,000
Transportation Total	2,200,000	0	14,200,000	20,800,000	40,000,000	0	0	0	0	0	77,200,000
NVTA 70% Funds Total	2,200,000	0	14,200,000	20,800,000	40,000,000	0	0	0	0	0	77,200,000
Private Capital Contributions											
Community Development											
Waterfront Small Area Plan Implementation (w/ Construction Funding)	0	0	0	0	0	0	0	0	0	0	0
Community Development Total	0	0	0	0	0	0	0	0	0	0	0
Recreation & Parks											
Community Matching Fund	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Recreation & Parks Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Transportation											
Seminary Road at Beauregard Street Ellipse	0	3,500,000	16,200,000	16,700,000	100,000	0	0	0	0	0	36,500,000
Transportation Total	0	3,500,000	16,200,000	16,700,000	100,000	0	0	0	0	0	36,500,000
Private Capital Contributions Total	100,000	3,600,000	16,300,000	16,800,000	200,000	100,000	100,000	100,000	100,000	100,000	37,500,000
PY Special Tax District Revenue											
CIP Development & Implementation Staff											
Capital Project Implementation Non-Personnel Expenditures	1,800	1,900	2,000	2,100	2,200	2,300	2,400	2,500	2,600	2,700	22,500
Capital Project Implementation Personnel (29.00 FTE)	191,000	201,000	211,000	221,000	232,000	244,000	256,000	269,000	282,000	296,000	2,403,000
CIP Development & Implementation Staff Total	192,800	202,900	213,000	223,100	234,200	246,300	258,400	271,500	284,600	298,700	2,425,500
PY Special Tax District Revenue Total	192,800	202,900	213,000	223,100	234,200	246,300	258,400	271,500	284,600	298,700	2,425,500
Reprogrammed Capital Balances											
ACPS											
ACPS Capital Program	0	0	0	0	0	0	0	0	0	0	0
ACPS Total	0	0	0	0	0	0	0	0	0	0	0
IT Plan											
AJIS System	0	0	0	0	0	0	0	0	0	0	0
IT Plan Total	0	0	0	0	0	0	0	0	0	0	0
Reprogrammed Capital Balances Total	0	0	0	0	0	0	0	0	0	0	0
Sanitary Sewer Fund											
Community Development											
Environmental Restoration	53,000	55,000	58,000	61,000	64,000	67,000	71,000	74,000	78,000	82,000	663,000
Community Development Total	53,000	55,000	58,000	61,000	64,000	67,000	71,000	74,000	78,000	82,000	663,000
Sanitary Sewers											
AlexRenew Wastewater Treatment Plant Capacity	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	-
Combined Sewer Assessment & Rehabilitation	5,000,000	3,900,000	0	0	0	0	0	0	0	0	8,900,000
Holmes Run Trunk Sewer	0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	-
Reconstructions & Extensions of Sanitary Sewers	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	9,000,000
Sanitary Sewer Asset Renewal Program	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 Sewers Total	10,400,000	8,300,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	53,900,000
CIP Development & Implementation Staff											
Capital Project Implementation Personnel (29.00 FTE)	800,000	844,000	886,000	931,000	977,000	1,026,000	1,077,000	1,131,000	1,188,000	1,247,000	10,107,000
CIP Development & Implementation Staff Total	800,000	844,000	886,000	931,000	977,000	1,026,000	1,077,000	1,131,000	1,188,000	1,247,000	10,107,000
Sanitary Sewer Fund Total	11,253,000	9,199,000	5,344,000	5,392,000	5,441,000	5,493,000	5,548,000	5,605,000	5,666,000	5,729,000	64,670,000
State/Federal Grants											
Public Buildings											
Freedom House Museum Restoration	0	0	0	0	0	0	0	0	0	0	0
Public Buildings Total	0	0	0	0	0	0	0	0	0	0	0
Transportation											
Access Improvements at Landmark	0	0	3,950,230	2,384,400	0	0	0	0	0	0	6,334,630
Alexandria Mobility Plan	0	0	0	0	0	0	0	0	0	0	0
Citywide Parking - Parking Technologies	206,804	250,000	0	0	0	0	0	0	0	0	456,804
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	1,000,000	400,000	600,000	0	0	0	0	0	0	0	2,000,000
CMAQ Contingency from Cancelled Backlick Run Multi-Use Paths	2,210,003	2,100,648	300,000	0	0	0	0	0	0	0	4,610,651
DASH Facility and Fleet Expansion	3,421,000	2,928,000	6,241,000	7,040,000	0	0	0	0	0	0	19,630,000
DASH Scheduling Software	0	0	0	0	0	0	0	0	0	0	0
Duke Street and West Taylor Run Safety Improvements	0	0	3,905,460	0	0	0	0	0	0	0	3,905,460
Old Cameron Run Trail	0	1,646,273	1,122,727	2,045,000	0	0	0	0	0	0	4,814,000
Traffic Adaptive Signal Control	5,266,347	2,409,553	0	0	0	0	0	0	0	0	7,675,900
Transit Access & Amenities	500,000	400,000	0	0	0	0	0	0	0	0	900,000
Transit Corridor "C" - West End Transitway	5,971,388	4,028,612	23,610,244	33,589,753	0	0	0	0	0	0	67,199,997
Transit Strategic Plan in Alexandria	75,000	0	0	0	0	0	0	0	0	0	75,000
Transportation Total	18,650,542	14,163,086	39,729,661	45,059,153	0	0	0	0	0	0	117,602,442

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Stormwater Management											
Strawberry Run Stream Restoration	0	0	0	0	0	0	0	0	0	0	0
Taylor Run Stream Restoration	0	0	0	0	0	0	0	0	0	0	0
Stormwater Management Total	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants Total	18,650,542	14,163,086	39,729,661	45,059,153	0	0	0	0	0	0	117,602,442
State/Federal Grants (Unsecured)											
Recreation & Parks											
Holmes Run Trail Repairs	0	0	0	0	0	0	0	0	0	0	0
Recreation & Parks Total	0	0	0	0	0	0	0	0	0	0	0
Transportation											
DASH Bus Fleet Replacements	0	6,232,800	4,644,100	0	4,666,100	9,671,850	0	4,370,400	10,503,450	15,755,000	55,843,700
Transportation Total	0	6,232,800	4,644,100	0	4,666,100	9,671,850	0	4,370,400	10,503,450	15,755,000	55,843,700
State/Federal Grants (Unsecured) Total	0	6,232,800	4,644,100	0	4,666,100	9,671,850	0	4,370,400	10,503,450	15,755,000	55,843,700
Stormwater Utility Fund											
Community Development											
Environmental Restoration	53,000	55,000	58,000	61,000	64,000	67,000	71,000	74,000	78,000	82,000	663,000
Community Development Total	53,000	55,000	58,000	61,000	64,000	67,000	71,000	74,000	78,000	82,000	663,000
Stormwater Management											
Floodproofing Grant Program	750,000	769,000	789,000	809,000	830,000	851,000	873,000	895,000	918,000	941,000	8,425,000
Four Mile Run Channel Maintenance	0	936,600	0	100,000	100,000	0	100,000	100,000	0	300,000	1,636,600
Green Infrastructure	210,000	0	100,000	0	0	0	0	0	0	0	310,000
Inspection and Cleaning (State of Good Repair) CFMP	1,000,000	1,025,000	525,500	539,000	552,500	566,500	581,000	596,000	611,000	626,500	6,623,000
MS4-TDML Compliance Water Quality Improvements	1,350,000	0	0	0	0	0	0	0	0	0	1,350,000
NPDES / MS4 Permit	170,000	168,400	170,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	1,747,200
Phosphorus Exchange Bank	0	0	0	0	0	0	0	0	0	0	0
Small-Midsize Stormwater Maintenance Projects	500,000	513,000	226,000	240,000	177,500	268,000	210,300	298,000	230,000	216,800	2,879,600
Storm Sewer Capacity Assessment	0	1,000,000	500,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	3,250,000
Storm Sewer System Spot Improvements	2,445,500	1,000,000	500,000	137,000	140,000	144,000	147,000	151,000	155,000	159,000	4,978,500
Stormwater BMP Maintenance CFMP	245,000	252,000	130,500	102,000	121,000	58,000	61,000	65,000	68,000	72,000	1,174,500
Stream & Channel Maintenance	859,000	351,000	304,000	92,000	48,000	192,500	50,000	190,000	53,000	54,000	2,193,500
Stormwater Management Total	7,529,500	6,015,000	3,245,000	2,440,700	2,392,500	2,505,200	2,449,300	2,723,700	2,465,500	2,801,500	34,567,900
CIP Development & Implementation Staff											
Capital Project Implementation Personnel (29.00 FTE)	1,085,000	1,139,000	1,196,000	1,256,000	1,319,000	1,385,000	1,454,000	1,527,000	1,603,000	1,683,000	13,647,000
CIP Development & Implementation Staff Total	1,085,000	1,139,000	1,196,000	1,256,000	1,319,000	1,385,000	1,454,000	1,527,000	1,603,000	1,683,000	13,647,000
Stormwater Utility Fund Total	8,667,500	7,209,000	4,499,000	3,757,700	3,775,500	3,957,200	3,974,300	4,324,700	4,146,500	4,566,500	48,877,900
TIP											
Community Development											
Environmental Restoration	53,000	57,000	59,000	62,000	65,000	69,000	71,000	76,000	79,000	83,000	674,000
Community Development Total	53,000	57,000	59,000	62,000	65,000	69,000	71,000	76,000	79,000	83,000	674,000
Transportation											
Citywide Trans. Mgmt. Tech. - Transportation Technologies	0	265,300	0	281,500	0	298,500	309,500	316,800	326,300	336,100	2,134,000
Street Reconstruction & Resurfacing of Major Roads	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	8,700,000
WMATA Capital Contributions	452,967	385,000	0	50,000	150,000	70,000	0	135,000	175,000	270,000	1,687,967
Transportation Total	452,967	1,350,300	1,000,000	1,331,500	1,150,000	1,368,500	1,309,500	1,451,800	1,501,300	1,606,100	12,521,967
CIP Development & Implementation Staff											
Capital Project Implementation Personnel (29.00 FTE)	360,000	378,000	397,000	417,000	438,000	460,000	483,000	507,000	532,000	559,000	4,531,000
CIP Development & Implementation Staff Total	360,000	378,000	397,000	417,000	438,000	460,000	483,000	507,000	532,000	559,000	4,531,000
TIP Total	865,967	1,785,300	1,456,000	1,810,500	1,653,000	1,897,500	1,863,500	2,034,800	2,112,300	2,248,100	17,726,967
Use of CIP Designated Fund Balance											
ACPS											
ACPS Capital Program	1,000,000	2,500,000	0	0	0	0	0	0	0	0	3,500,000
ACPS Total	1,000,000	2,500,000	0	0	0	0	0	0	0	0	3,500,000
Community Development											
Waterfront Small Area Plan Implementation (w/ Construction Funding)	5,000,000	6,500,000	0	0	0	0	0	0	0	0	11,500,000
Community Development Total	5,000,000	6,500,000	0	0	0	0	0	0	0	0	11,500,000
Recreation & Parks											
Holmes Run Trail Repairs	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
Recreation & Parks Total	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
IT Plan											
AJIS System	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
IT Plan Total	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
Use of CIP Designated Fund Balance Total	10,000,000	9,000,000	0	0	0	0	0	0	0	0	19,000,000
Use of Stormwater Fund Utility Balance											
Stormwater Management											
Storm Sewer Capacity Assessment	3,600,000	0	0	0	0	0	0	0	0	0	3,600,000
Stormwater Management Total	3,600,000	0	0	0	0	0	0	0	0	0	3,600,000
Use of Stormwater Fund Utility Balance Total	3,600,000	0	0	0	0	0	0	0	0	0	3,600,000

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Use of Stormwater Tax Dedication Fund Balance											
Stormwater Management											
Storm Sewer Capacity Assessment	1,765,000	0	0	0	0	0	0	0	0	0	1,765,000
Stormwater Management Total	1,765,000	0	0	0	0	0	0	0	0	0	1,765,000
Use of Stormwater Tax Dedication Fund Balance Total	1,765,000	0	0	0	0	0	0	0	0	0	1,765,000
VDOT State Revenue Sharing											
Transportation											
Street Reconstruction & Resurfacing of Major Roads	3,197,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	16,697,000
Transportation Total	3,197,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	16,697,000
VDOT State Revenue Sharing Total	3,197,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	16,697,000
Grand Total	293,102,842	527,899,386	415,726,806	315,365,803	192,538,300	162,170,600	211,518,500	136,341,800	171,000,800	235,846,500	2,661,511,337

Table 4
Proposed FY 2022 - FY 2031 Capital Improvement Program
Debt Service Indicators

Table 4 Debt Service Indicators				
	Total Debt Service	Outstanding Debt	General Government Expenditures	Assessed Value of Real Property (Thousands of Dollars) (1)
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	$103,487,793	$1,427,993,371	$1,578,778,777	$46,495,800
FY 2024	$139,976,878	$1,637,137,102	$1,498,132,578	$47,890,700
FY 2025	$161,444,324	$1,722,509,753	$1,430,243,748	$49,327,400
FY 2026	$170,707,713	$1,727,206,840	$1,340,862,584	$50,807,200
FY 2027	$174,073,189	$1,726,270,788	$1,344,944,612	$52,331,400
FY 2028	$183,193,744	$1,775,761,213	$1,429,775,733	$53,901,300
FY 2029	$192,098,439	$1,735,845,648	$1,391,146,750	$55,518,300
FY 2030	$192,756,363	$1,722,255,739	$1,463,449,898	$57,183,800
FY 2031	$197,604,135	$1,760,996,125	$1,567,069,071	$58,899,300

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

Table 4 (Continued)
Proposed FY 2022 - FY 2031 Capital Improvement Program
Debt Service Indicators

Table 4 Debt Service Indicators (1)		
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	6.2%	2.3%
FY 2024	8.6%	2.5%
FY 2025	9.8%	2.5%
FY 2026	10.8%	2.4%
FY 2027	10.8%	2.3%
FY 2028	10.5%	2.3%
FY 2029	11.3%	2.2%
FY 2030	10.6%	2.1%
FY 2031	10.0%	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 and redevelopment of the Landmark Mall are also exempted from ratios, as they have dedicated funding sources available for repayment.

(2) General Government expenditures beyond for FY 2022 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.

Table 5. City of Alexandria, VA
Summary of Debt Service
Debt Outstanding at June 30, 2021

Fiscal Year	Principal	Interest	Total
FY 2022	$45,546,000	$24,171,420	$69,717,420
FY 2023	$46,934,000	$22,061,402	$68,995,402
FY 2024	$43,842,000	$20,316,049	$64,158,049
FY 2025	$43,614,000	$18,634,234	$62,248,234
FY 2026	$41,546,000	$16,913,681	$58,459,681
FY 2027	$38,452,000	$15,250,674	$53,702,674
FY 2028	$40,779,000	$13,528,070	$54,307,070
FY 2029	$40,914,000	$11,895,519	$52,809,519
FY 2030	$38,042,000	$10,544,087	$48,586,087
FY 2031	$33,609,000	$9,412,534	$43,021,534
FY 2032	$29,699,000	$8,372,156	$38,071,156
FY 2033	$26,270,000	$7,485,678	$33,755,678
FY 2034	$19,515,000	$6,693,305	$26,208,305
FY 2035	$20,945,000	$6,083,051	$27,028,051
FY 2036	$20,025,000	$5,452,524	$25,477,524
FY 2037	$19,905,000	$4,865,260	$24,770,260
FY 2038	$16,705,000	$4,328,020	$21,033,020
FY 2039	$11,760,000	$3,886,346	$15,646,346
FY 2040	$9,855,000	$3,576,309	$13,431,309
FY 2041	$10,090,000	$3,314,531	$13,404,531
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
TOTAL	$704,117,000	$233,481,650	$937,598,650

** Of the FY 2022 debt service, $28.6 million is debt service for Alexandria City Public Schools related general obligation bonds issued by the City.

Table 6. City of Alexandria, VA General Obligation Refunding Bonds of $49.800 million (November 2020) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$0	$573,290	$573,290
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
TOTAL	**$49,800,000**	**$4,600,883**	**$54,400,883**

Table 7. City of Alexandria, VA General Obligation Bond Issue of $182.340 million (December 2019) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$0	$0	$0
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
TOTAL	**$182,340,000**	**$103,826,500**	**$286,166,500**

Table 8. City of Alexandria, VA General Obligation Bond Issue of $21.740 million (December 2019) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$500,000	$880,769	$1,380,769
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
TOTAL	**$21,740,000**	**$8,017,260**	**$29,757,260**

Table 9. City of Alexandria, VA General Obligation Refunding Bonds of $40.925 million (July 2018) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$2,150,000	$1,528,900	$3,678,900
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
TOTAL	**$38,675,000**	**$12,732,925**	**$51,407,925**

Table 10. City of Alexandria, VA General Obligation Refunding Bonds of $34.905 million (December 2017) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$2,950,000	$1,671,500	$4,621,500
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
TOTAL	**$34,905,000**	**$9,342,875**	**$44,247,875**

Table 11. City of Alexandria, VA General Obligation Refunding Bonds of $39.090 million (September 2017) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$2,130,000	$1,631,100	$3,761,100
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
TOTAL	**$35,505,000**	**$7,968,725**	**$43,473,725**

Table 12. City of Alexandria, VA General Obligation Refunding Bonds of $63.060 million (September 2017) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$1,000,000	$2,725,200	$3,725,200
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
TOTAL	**$59,065,000**	**$14,291,975**	**$73,356,975**

Table 13. City of Alexandria, VA General Obligation Bond Issue of $4.380 million (August 2017) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$220,000	$111,915	$331,915
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
TOTAL	**$3,720,000**	**$1,008,928**	**$4,728,928**

Table 14. City of Alexandria, VA General Obligation Bond Issue of $94.670 million (August 2017) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$4,985,000	$3,300,375	$8,285,375
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
TOTAL	**$84,685,000**	**$25,880,450**	**$110,565,450**

Table 15. City of Alexandria, VA General Obligation Refunding Bond Issue of $34.168 million (Nov. 2016) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$396,000	$619,967	$1,015,967
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
TOTAL	**$32,657,000**	**$4,182,356**	**$36,839,356**

Table 16. City of Alexandria, VA General Obligation Issue of $73.735 million (July 2016) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$3,995,000	$2,352,056	$6,347,056
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
TOTAL	**$63,920,000**	**$16,891,359**	**$80,811,359**

Table 17. City of Alexandria, VA General Obligation Refunding Bond Issue of $10.595 million (July 2015) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$1,065,000	$142,293	$1,207,293
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
TOTAL	**$5,485,000**	**$449,668**	**$5,934,668**

Table 18. City of Alexandria, VA General Obligation Bond Issue of $23.215 million (July 2015) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$1,165,000	$664,200	$1,829,200
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
TOTAL	**$17,390,000**	**$4,579,169**	**$21,969,169**

Table 19. City of Alexandria, VA General Obligation Refunding Bond Issue of $33.995 million (April 2015) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$3,490,000	$552,141	$4,042,141
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
TOTAL	**$31,430,000**	**$2,262,969**	**$33,692,969**

Table 20. City of Alexandria, VA General Obligation Bond Issue of $35.995 million (Nov. 2014) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$1,800,000	$761,690	$2,561,690
FY 2023	$1,800,000	$671,690	$2,471,690
FY 2024	$1,800,000	$581,690	$2,381,690
FY 2025	$1,800,000	$491,690	$2,291,690
FY 2026	$1,800,000	$401,690	$2,201,690
FY 2027	$1,800,000	$347,690	$2,147,690
FY 2028	$0	$275,690	$275,690
FY 2029	$0	$275,690	$275,690
FY 2030	$0	$275,690	$275,690
FY 2031	$1,800,000	$275,690	$2,075,690
FY 2032	$1,800,000	$221,690	$2,021,690
FY 2033	$1,800,000	$167,690	$1,967,690
FY 2034	$1,800,000	$113,690	$1,913,690
FY 2035	$1,795,000	$57,440	$1,852,440
TOTAL	**$19,795,000**	**$4,919,410**	**$24,714,410**

Table 21. City of Alexandria, VA General Obligation Bond Issue of $63.800 million (July 2013)* Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$3,305,000	$330,500	$3,635,500
FY 2023	$3,305,000	$165,250	$3,470,250
TOTAL	**$6,610,000**	**$495,750**	**$7,105,750**

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

Table 22. City of Alexandria, VA General Obligation Bond Issue of $76.820 million (July 2012)* Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$4,000,000	$200,000	$4,200,000
TOTAL	**$4,000,000**	**$200,000**	**$4,200,000**

*FY 2023 - FY 2028 refinanced as part of the 2017C series.; FY 2029 - FY 2033 refinanced as part of 2020 series.

Table 23. City of Alexandria, VA General Obligation Refunding Bond Issue of $63.625 million (April 2012) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$8,635,000	$345,400	$8,980,400
TOTAL	**$8,635,000**	**$345,400**	**$8,980,400**

*FY 2023 refinanced as part of 2020 series.

Table 24. City of Alexandria, VA General Obligation Bond Issue of $39.870 million* (July 2011) Debt Outstanding at June 30,2021			
Fiscal Year	**Principal**	**Interest**	**Total**
FY 2022	$3,760,000	$75,200	$3,835,200
TOTAL	**$3,760,000**	**$75,200**	**$3,835,200**

*FY 2025 - FY 2032 of this issuance refinanced as part of the 2016B Series.
FY 2023 refinanced through the 2017C Series; FY 2024 refinanced as part of

STRATEGIC PLAN

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.

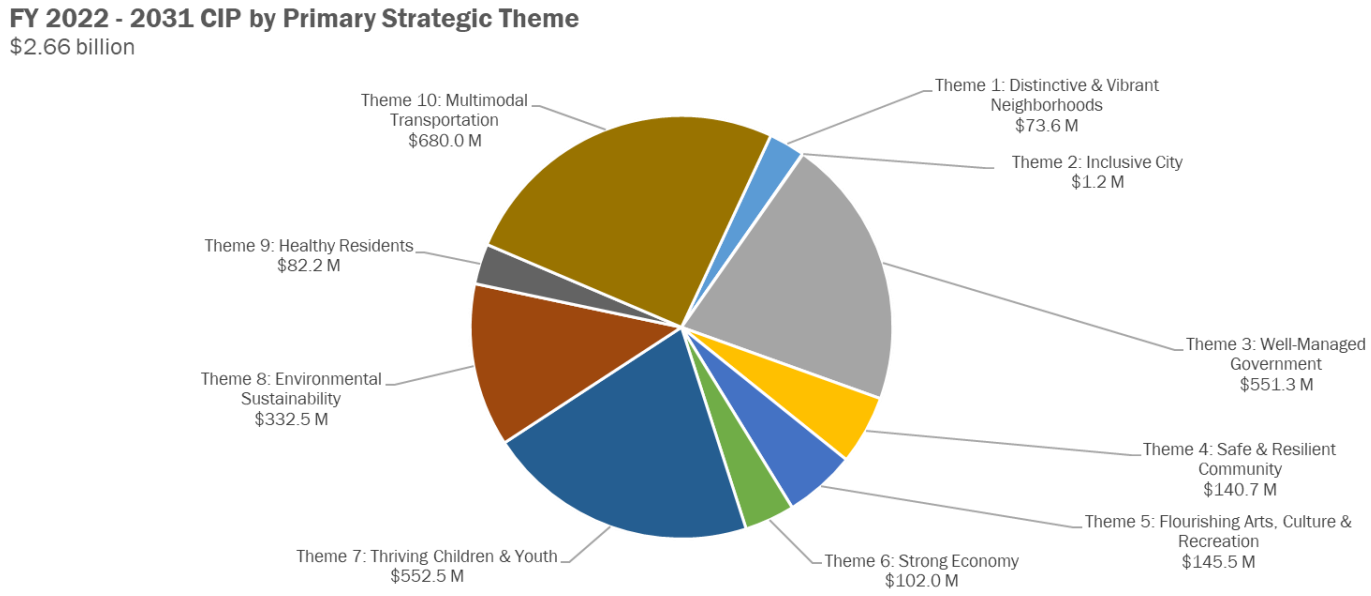
The strategic themes of the City's Strategic Plan, that are associated with capital projects throughout the document are included below:

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

Approved FY 2022 – FY 2031 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 Approved FY 2022 – FY 2031 CIP totals $2.66 billion.



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

Table 1
Approved FY 2022 – FY 2031 Capital Improvement Program
Capital Improvement Program Projects by Primary Strategic Theme

Strategic Theme	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	TOTAL FY 2022 - 2031
Theme 1: Distinctive & Vibrant Neighborhoods	8,699,400	7,111,200	6,980,200	6,983,900	7,223,900	7,224,500	7,153,000	7,270,000	7,390,000	7,532,000	73,568,100
Theme 2: Inclusive City	103,000	106,300	109,400	112,700	116,000	131,500	135,300	139,600	143,600	148,000	1,245,400
Theme 3: Well-Managed Government	66,090,000	95,058,200	143,354,900	41,255,400	35,286,500	34,373,800	29,068,500	32,975,500	35,125,100	38,705,300	551,293,200
Theme 4: Safe & Resilient Community	11,432,200	19,062,400	23,110,200	21,093,700	20,849,600	4,589,500	7,083,800	8,963,800	13,469,800	11,062,400	140,717,400
Theme 5: Flourishing Arts, Culture & Recreation	13,080,500	27,765,400	15,031,300	6,315,900	8,358,100	8,896,800	28,137,800	11,155,200	15,054,400	11,680,500	145,475,900
Theme 6: Strong Economy	22,000,000	36,800,000	43,200,000	-	-	-	-	-	-	-	102,000,000
Theme 7: Thriving Children & Youth	56,024,200	167,765,700	31,081,900	77,447,700	9,551,500	27,189,500	79,102,000	8,874,600	25,305,700	70,202,200	552,545,000
Theme 8: Environmental Sustainability	41,339,300	43,940,100	43,995,000	47,242,000	32,913,400	29,085,200	29,134,100	24,686,300	20,468,400	19,738,300	332,542,100
Theme 9: Healthy Residents	20,749,000	61,225,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	82,174,000
Theme 10: Multimodal Transportation	53,585,242	69,065,086	108,838,906	114,889,503	78,214,300	50,654,800	31,679,000	42,251,800	54,018,800	76,752,800	679,950,237
Grand Total	**293,102,842**	**527,899,386**	**415,726,806**	**315,365,803**	**192,538,300**	**162,170,600**	**211,518,500**	**136,341,800**	**171,000,800**	**235,846,500**	**2,661,511,337**

Table 2
Approved FY 2022 – FY 2031 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.

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Theme 1: Distinctive & Vibrant Neighborhoods											
Community Development											
Affordable Housing Funding	8,202,000	6,306,000	6,412,000	6,520,000	6,630,000	6,743,000	6,858,000	6,975,000	7,095,000	7,237,000	68,978,000
Braddock Road Area Plan - Streetscape Improvements	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	450,000
Development Studies	280,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,530,000
Office of Historic Alexandria Initiatives	47,400	265,200	273,200	168,900	298,900	186,500	0	0	0	0	1,240,100
Office of Historic Alexandria Waterfront Museum Feasibility Study	125,000	0	0	0	0	0	0	0	0	0	125,000
Community Development Total	8,699,400	6,866,200	6,980,200	6,983,900	7,223,900	7,224,500	7,153,000	7,270,000	7,390,000	7,532,000	73,323,100
Public Buildings											
Gadsby's Tavern Restaurant Equipment	0	245,000	0	0	0	0	0	0	0	0	245,000
Public Buildings Total	0	245,000	0	0	0	0	0	0	0	0	245,000
Theme 1: Distinctive & Vibrant Neighborhoods Total	8,699,400	7,111,200	6,980,200	6,983,900	7,223,900	7,224,500	7,153,000	7,270,000	7,390,000	7,532,000	73,568,100
Theme 2: Inclusive City											
Public Buildings											
Freedom House Museum Restoration	0	0	0	0	0	0	0	0	0	0	0
Public Buildings Total	0	0	0	0	0	0	0	0	0	0	0
Recreation & Parks											
Americans with Disabilities Act (ADA) Requirements	103,000	106,300	109,400	112,700	116,000	131,500	135,300	139,600	143,600	148,000	1,245,400
Recreation & Parks Total	103,000	106,300	109,400	112,700	116,000	131,500	135,300	139,600	143,600	148,000	1,245,400
Theme 2: Inclusive City Total	103,000	106,300	109,400	112,700	116,000	131,500	135,300	139,600	143,600	148,000	1,245,400
Theme 3: Well-Managed Government											
Community Development											
Landmark Mall Redevelopment Project	21,000,000	58,000,000	51,000,000	0	0	0	0	0	0	0	130,000,000
Project Budgeting Excellence	737,000	471,000	265,000	726,100	282,100	770,100	299,100	817,100	842,100	851,100	6,060,700
Community Development Total	21,737,000	58,471,000	51,265,000	726,100	282,100	770,100	299,100	817,100	842,100	851,100	136,060,700
Public Buildings											
2355 Mill Road CFMP	0	496,600	298,500	827,200	268,500	274,600	301,700	287,000	861,300	887,200	4,502,600
Capital Planning & Building Assessment (Condition Assessment)	100,000	0	100,000	0	150,000	0	150,000	0	150,000	0	650,000
City Hall Renovation and HVAC Replacement	3,800,000	4,200,000	51,400,000	4,400,000	0	0	0	0	0	0	63,800,000
City Hall Swing Space	0	239,700	6,649,700	1,572,000	0	0	0	0	0	0	8,461,400
City Historic Facilities CFMP	2,332,600	1,362,700	2,444,600	4,528,200	3,050,100	2,042,800	2,229,500	2,803,400	4,215,600	4,215,600	29,225,100
Courthouse CFMP	0	116,700	2,120,200	123,900	127,600	131,400	135,300	139,400	143,600	139,400	3,177,500
Emergency Power Systems	142,800	807,800	527,100	617,000	287,000	32,900	33,900	34,900	518,000	533,600	3,535,000
Energy Management Program	767,200	1,358,100	1,584,600	1,373,600	746,600	768,900	790,300	812,800	835,300	859,000	9,896,400
Fleet Building CFMP	634,000	526,400	744,000	569,500	1,612,200	886,400	609,600	1,098,300	1,016,900	1,016,900	8,714,200
General Services CFMP	360,500	1,616,500	1,625,300	1,075,000	1,659,100	1,550,100	1,174,700	1,209,900	1,246,200	1,246,200	12,763,500
Health Department CFMP	155,300	6,111,700	12,100	12,400	0	0	0	0	0	0	6,291,500
Lee Center CFMP	96,800	114,900	117,500	158,000	505,600	125,600	148,500	131,300	464,700	478,700	2,341,600
Library CFMP	104,200	49,600	61,300	807,400	983,100	2,806,800	4,768,100	5,850,700	5,754,200	5,754,700	26,940,100
Market Square Plaza and Garage Structural Repairs	8,861,800	0	0	0	0	0	0	0	0	0	8,861,800
Mental Health Residential Facilities CFMP	845,100	670,600	721,400	632,300	758,800	682,600	752,700	779,400	804,800	829,000	7,476,700
Parking Garages CFMP	10,300	10,700	11,000	11,300	11,600	12,000	12,300	12,700	13,100	13,500	118,500
Roof Replacement Program	366,000	31,600	370,900	742,900	114,000	18,100	0	1,519,700	35,600	37,000	3,235,800
Witter/Wheeler - Fuel Island Renovation	450,000	0	0	0	0	0	0	0	0	0	450,000
Witter/Wheeler Campus Funding Reservation	960,000	4,000,000	7,000,000	7,000,000	7,000,000	7,000,000	0	0	0	0	32,960,000
Public Buildings Total	19,986,600	21,713,600	75,788,200	24,450,700	17,274,200	16,332,200	11,106,600	14,679,500	16,059,300	16,010,800	233,401,700
Transportation											
Transit Staffing Contingency	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Transportation Total	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
IT Plan											
Business Tax System/Reciprocity Contractor System	0	0	0	0	0	0	305,000	0	0	0	305,000
Computerized Maintenance Management System (CMMS)	325,000	159,000	0	0	0	0	0	0	0	0	484,000
Connectivity Initiatives	608,000	639,000	670,000	704,000	740,000	780,000	780,000	400,000	400,000	740,000	6,461,000
Council Chamber Technology Upgrade	0	440,000	0	0	66,000	0	0	0	0	450,000	956,000
Customer Relationship Management System	0	0	0	0	0	0	0	0	0	0	0
Database Infrastructure	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Document Imaging	10,000	10,000	10,000	10,000	110,000	10,000	10,000	10,000	10,000	10,000	200,000
Electronic Government/Web Page	160,000	50,000	250,000	50,000	50,000	50,000	50,000	0	0	250,000	910,000
Employee Pension Administration System	0	0	0	0	0	0	0	0	0	0	0
Enterprise Collaboration	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Enterprise Data Storage Infrastructure	400,000	350,000	350,000	350,000	0	0	0	0	0	0	1,450,000
Enterprise Maintenance Mgmt System	40,000	40,000	40,000	40,000	380,600	0	0	0	0	380,000	920,600
Enterprise Resource Planning System	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Enterprise Service Catalog	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Fleet Management System	0	0	0	0	0	0	0	0	0	0	0
GIS Development	70,000	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	525,000
Impound Lot System Replacement	150,000	0	0	0	0	0	0	0	0	0	150,000
Information Technology Equipment Replacement	922,000	996,000	1,001,000	1,006,000	1,011,000	1,017,000	822,000	829,000	835,000	842,000	9,281,000
Information Technology Lump Sum Funding	0	1,200,000	3,200,000	3,200,000	3,200,000	3,200,000	3,400,000	3,400,000	3,400,000	5,000,000	29,200,000
LAN Development	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
LAN/WAN Infrastructure	1,438,700	952,400	466,500	480,900	1,732,700	913,900	922,800	931,800	941,800	952,800	9,734,300
Library Information Technology Equipment Replacement	32,000	0	0	0	0	0	0	0	0	0	32,000
Municipal Fiber	11,353,000	160,000	168,000	176,000	185,000	195,000	204,000	215,000	225,000	236,000	13,117,000
Network Security	510,000	500,000	605,000	400,000	400,000	800,000	350,000	350,000	350,000	500,000	4,765,000
Network Server Infrastructure	300,000	300,000	300,000	0	0	0	0	0	0	0	900,000
Personal Property Tax System	144,900	152,200	159,800	167,800	176,200	185,000	194,200	203,900	214,100	225,000	1,823,100
Phone, Web, Portable Device Payment Portals	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	113,000	0	0	0	0	0	0	0	0	0	113,000
Real Estate Account Receivable System	0	0	0	0	175,000	0	0	0	200,000	0	375,000
Real Estate Assessment System (CAMA)	15,000	15,000	15,000	15,000	60,000	15,000	15,000	15,000	15,000	15,000	195,000
Remote Access	170,000	175,000	0	0	0	0	0	0	0	0	345,000
Small Systems Replacements	0	0	0	0	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Time & Attendance System Upgrade	0	0	40,000	0	0	0	0	55,000	0	0	95,000
Upgrade Work Station Operating Systems	233,000	386,000	290,000	395,000	100,000	105,000	110,000	115,000	121,000	127,000	1,982,000
Voice Over Internet Protocol (VoIP)	155,000	120,000	80,000	60,000	0	0	0	0	0	0	415,000
IT Plan Total	17,359,600	6,884,600	7,925,300	7,294,700	8,521,500	7,610,900	7,533,000	6,854,700	7,081,900	10,057,800	87,124,000
CIP Development & Implementation Staff											
Capital Budget Staff (1.50 FTE)	202,000	211,000	222,000	233,000	245,000	257,000	269,000	283,000	297,000	296,000	2,515,000
Capital Procurement Personnel (8.10 FTE)	712,000	974,000	1,022,000	1,073,000	1,127,000	1,184,000	1,243,000	1,305,000	1,370,000	1,438,000	11,448,000
Capital Project Development Team (2.00 FTE)	168,000	221,000	232,000	243,000	255,000	268,000	282,000	295,000	310,000	326,000	2,600,000
Capital Project Implementation Non-Personnel Expenditures	205,800	212,000	218,400	224,900	231,700	238,600	245,800	253,200	260,800	268,600	2,359,800
Capital Project Implementation Personnel (29.00 FTE)	4,013,000	4,425,000	4,647,000	4,880,000	5,123,000	5,380,000	5,649,000	5,932,000	6,228,000	6,539,000	52,816,000
General Services Capital Projects Staff (7.80)	1,033,000	1,103,000	1,158,000	1,216,000	1,276,000	1,340,000	1,407,000	1,478,000	1,551,000	1,745,000	13,307,000
IT Systems Implementation Staff (2.50 FTE)	200,000	335,000	352,000	370,000	388,000	408,000	428,000	449,000	472,000	495,000	3,897,000
Open Space Management Staff (2.00 FTE)	234,000	265,000	278,000	292,000	306,000	322,000	338,000	355,000	372,000	391,000	3,153,000
Public Private Partnerships Coordinator (0.50 FTE)	89,000	93,000	97,000	102,000	107,000	113,000	118,000	124,000	131,000	137,000	1,111,000
CIP Development & Implementation Staff Total	6,856,800	7,839,000	8,226,400	8,633,900	9,058,700	9,510,600	9,979,800	10,474,200	10,991,800	11,635,600	93,206,800
Theme 3: Well-Managed Government Total	66,090,000	95,058,200	143,354,900	41,255,400	35,286,500	34,373,800	29,068,500	32,975,500	35,125,100	38,705,300	551,293,200
Theme 4: Safe & Resilient Community											
Community Development											
Citywide Street Lighting	420,800	26,600	27,400	28,200	29,000	29,900	30,800	31,700	32,700	33,700	690,800
Fire Department Vehicles & Apparatus	472,600	1,867,700	2,196,700	2,441,700	3,482,200	2,102,100	3,789,000	3,350,300	2,781,200	3,516,400	25,999,900
Fire Hydrant Maintenance Program	360,500	371,400	382,500	394,000	289,900	298,600	307,500	316,700	326,200	336,000	3,383,300
Gadsby Lighting Fixtures & Poles Replacement	950,000	950,000	0	84,500	0	89,600	92,300	0	97,900	100,900	2,365,200
Police Body Worn Cameras	TBD	TBD	TBD	TBD	0	0	0	0	0	0	-
Community Development Total	2,203,900	3,215,700	2,606,600	2,948,400	3,801,100	2,520,200	4,219,600	3,698,700	3,238,000	3,987,000	32,439,200
Public Buildings											
Alexandria Police CFMP	214,500	584,000	164,000	168,900	173,900	179,200	184,500	190,100	195,800	200,900	2,255,800
Courthouse/PSC Security System Upgrade	0	0	0	0	0	0	0	0	5,300,700	0	5,300,700
Fire & Rescue CFMP	162,100	340,800	1,044,500	1,262,500	1,452,500	372,500	904,000	1,296,000	3,915,100	3,915,100	14,665,100
Fire Station 205 (Cameron Street)	0	0	0	0	0	0	0	0	0	0	0
Fire Station 207 (Duke Street)	0	0	5,051,800	3,927,100	12,857,300	0	0	0	0	0	21,836,200
Fire Station 208 Replacement	250,000	1,100,000	10,000,000	0	0	0	0	0	0	0	11,350,000
New Burn Building	0	2,288,800	0	0	0	0	0	0	0	0	2,288,800
Office of the Sheriff CFMP	2,833,500	4,796,000	2,217,300	2,818,700	1,802,700	127,600	131,400	135,300	139,400	139,400	15,141,300
Tactical Training Space	309,000	0	0	0	0	0	0	0	0	0	309,000
Vola Lawson Animal Shelter	41,200	42,500	133,000	148,100	269,100	900,000	1,223,300	241,700	271,800	280,000	3,550,700
Public Buildings Total	3,810,300	9,152,100	18,610,600	8,325,300	16,555,500	1,579,300	2,443,200	1,863,100	9,822,800	4,535,400	76,697,600

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
IT Plan											
AJIS System	3,401,000	1,829,000	259,000	259,000	268,000	258,000	258,000	257,000	257,000	1,725,000	8,771,000
Computer Aided Dispatch (CAD) System Replacement	104,000	108,000	114,000	6,819,000	125,000	132,000	138,000	145,000	152,000	160,000	7,997,000
Courtroom Trial Presentation Technology	0	100,000	0	0	100,000	100,000	25,000	0	0	100,000	425,000
Electronic Citations Implementation	420,000	0	0	0	0	0	0	0	0	420,000	840,000
Enterprise Camera System	0	0	0	0	0	0	0	0	0	0	0
Fire Dept RMS	307,500	0	0	0	0	0	0	0	0	0	307,500
FOIA System Replacement	100,000	0	0	0	0	0	0	0	0	0	100,000
Office of Voter Registrations and Elections Equipment Replacement	0	0	0	0	0	0	0	1,000,000	0	0	1,000,000
Parking Citation System Replacement	135,000	0	0	0	0	0	0	0	0	135,000	270,000
Radio System Upgrade	950,500	4,657,600	1,520,000	2,742,000	0	0	0	2,000,000	0	0	11,870,100
IT Plan Total	5,418,000	6,694,600	1,893,000	9,820,000	493,000	490,000	421,000	3,402,000	409,000	2,540,000	31,580,600
Theme 4: Safe & Resilient Community Total	11,432,200	19,062,400	23,110,200	21,093,700	20,849,600	4,589,500	7,083,800	8,963,800	13,469,800	11,062,400	140,717,400
Theme 5: Flourishing Arts, Culture & Recreation											
Community Development											
Public Art Acquisition	250,000	250,000	250,000	250,000	400,000	250,000	250,000	250,000	250,000	250,000	2,650,000
Public Art Conservation Program	51,600	63,900	43,800	56,400	58,000	59,800	73,900	50,800	65,400	67,400	591,000
Community Development Total	301,600	313,900	293,800	306,400	458,000	309,800	323,900	300,800	315,400	317,400	3,241,000
Recreation & Parks											
Athletic Field Improvements (incl. Synthetic Turf)	3,200,000	13,500,000	2,063,800	770,900	812,300	672,100	1,475,400	1,416,800	727,400	749,300	25,388,000
Ball Court Renovations	154,500	159,200	164,100	169,000	174,000	194,200	203,100	209,200	215,500	222,000	1,864,800
Braddock Area Plan Park	0	0	0	0	0	0	0	0	3,710,800	0	3,710,800
Cameron Run Regional Park Feasibility Study	0	0	0	281,400	0	0	0	0	0	0	281,400
Chinquapin Recreation Center CFMP	203,000	203,900	253,200	957,500	340,800	263,000	234,400	646,200	715,300	736,800	4,554,100
City Marina Maintenance	46,400	47,900	49,300	50,800	52,200	77,700	80,000	82,500	84,900	87,400	659,100
Citywide Parks Improvements Plan	0	637,800	0	0	32,000	500,000	0	1,000,000	500,000	500,000	3,169,800
Community Matching Fund	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,000,000
Dora Kelley Trail Repairs	0	0	0	0	0	0	0	0	0	0	0
Douglas MacArthur School - Recreation & Parks Programming Space	0	0	0	0	0	0	0	0	0	0	0
Fort Ward Management Plan Implementation	0	320,000	0	200,000	0	200,000	0	200,000	0	200,000	1,120,000
Four Mile Run Park	0	0	0	0	1,266,900	583,500	20,157,100	0	0	0	22,007,500
Four Mile Run Urban Deck	0	0	0	0	0	0	0	0	0	0	0
Holmes Run Trail Repairs	5,000,000	0	0	0	0	0	0	0	0	0	5,000,000
Neighborhood Pool Demolition and Conversion	461,000	0	0	0	0	0	0	0	0	0	461,000
Old Town Pool	0	530,500	8,600,000	0	0	0	0	0	0	0	9,130,500
Open Space Acquisition and Develop.	250,000	1,250,000	750,000	750,000	1,150,000	1,170,000	1,170,000	1,170,000	1,170,000	1,170,000	10,000,000
Park Renovations CFMP	423,600	441,500	454,700	468,400	482,400	547,100	553,600	570,200	587,300	604,900	5,133,700
Patrick Henry Turf Fields and Recreation Center	0	2,363,600	0	0	0	0	0	0	0	0	2,363,600
Playground Renovations CFMP	1,010,400	1,060,300	1,071,900	1,104,100	1,137,200	954,500	983,200	1,012,700	1,043,100	1,074,400	10,451,800
Public Pools	53,800	103,100	106,200	109,400	112,500	116,000	123,400	158,500	163,200	168,100	1,214,200
Recreation Centers CFMP	106,300	177,400	148,500	211,200	1,038,300	1,673,000	1,271,600	2,699,200	4,204,800	4,202,800	15,733,100
Restroom Renovations	0	0	0	0	0	657,700	572,000	686,800	602,000	620,100	3,138,600
Torpedo Factory Art Center Revitalization	845,000	145,000	50,000	50,000	350,000	50,000	50,000	50,000	50,000	50,000	1,690,000
Water Management & Irrigation	131,900	135,900	140,000	144,300	148,500	167,400	172,400	177,500	182,800	188,300	1,589,000
Waterfront Parks CFMP	66,000	53,300	54,800	56,500	58,000	65,800	67,700	69,800	71,900	74,000	637,800
Windmill Hill Park Improvements	0	5,646,100	0	0	0	0	0	0	0	0	5,646,100
Recreation & Parks Total	12,151,900	26,975,500	14,106,500	5,523,500	7,355,100	8,092,000	27,313,900	10,349,400	14,229,000	10,848,100	136,944,900
Other Regional Contributions											
Northern Virginia Community College (NVCC)	0	0	0	0	0	0	0	0	0	0	0
Northern Virginia Regional Park Authority (NVRPA)	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000
Other Regional Contributions Total	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000
IT Plan											
OHA Point-of-Sale System Replacement	0	0	150,000	0	0	0	0	0	0	0	150,000
OHA Records Management System Replacement	5,000	0	0	0	0	0	0	0	0	0	5,000
Recreation Database System	200,000	10,000	10,000	10,000	65,000	10,000	10,000	10,000	10,000	10,000	345,000
IT Plan Total	205,000	10,000	160,000	10,000	65,000	10,000	10,000	10,000	10,000	10,000	500,000
Theme 5: Flourishing Arts, Culture & Recreation Total	13,080,500	27,765,400	15,031,300	6,315,900	8,358,100	8,896,800	28,137,800	11,155,200	15,054,400	11,680,500	145,475,900
Theme 6: Strong Economy											
Community Development											
Waterfront Small Area Plan Implementation (w/ Construction Funding)	22,000,000	36,800,000	43,200,000	0	0	0	0	0	0	0	102,000,000
Community Development Total	22,000,000	36,800,000	43,200,000	0	0	0	0	0	0	0	102,000,000
IT Plan											
Permit Processing	0	0	0	0	0	0	0	0	0	0	0
IT Plan Total	0	0	0	0	0	0	0	0	0	0	0
Theme 6: Strong Economy Total	22,000,000	36,800,000	43,200,000	0	0	0	0	0	0	0	102,000,000
Theme 7: Thriving Children & Youth											
ACPS											
ACPS Capital Program	55,199,200	167,680,700	31,081,900	77,295,700	9,551,500	27,189,500	79,102,000	8,874,600	25,305,700	70,202,200	551,483,000
ACPS Total	55,199,200	167,680,700	31,081,900	77,295,700	9,551,500	27,189,500	79,102,000	8,874,600	25,305,700	70,202,200	551,483,000

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Public Buildings											
Beatley Building Envelope Restoration	0	0	0	0	0	0	0	0	0	0	0
Burke Branch Renovation	825,000	0	0	0	0	0	0	0	0	0	825,000
Public Buildings Total	825,000	0	0	0	0	0	0	0	0	0	825,000
IT Plan											
Library Public Access Computers and Print Mgmt System	0	85,000	0	0	0	0	0	0	0	0	85,000
Library Scanning Equipment and DAMS	0	0	0	0	0	0	0	0	0	0	0
Library Self-Service Stations/Equipment	0	0	0	152,000	0	0	0	0	0	0	152,000
Migration of Integrated Library System to SAAS Platform	0	0	0	0	0	0	0	0	0	0	0
IT Plan Total	0	85,000	0	152,000	0	0	0	0	0	0	237,000
Theme 7: Thriving Children & Youth Total	56,024,200	167,765,700	31,081,900	77,447,700	9,551,500	27,189,500	79,102,000	8,874,600	25,305,700	70,202,200	552,545,000
Theme 8: Environmental Sustainability											
Community Development											
Environmental Restoration	159,000	292,000	175,000	309,000	368,000	328,000	213,000	324,000	235,000	347,000	2,750,000
Oronoco Outfall Remediation Project	2,676,000	TBD	TBD	TBD	TBD	0	0	0	0	0	2,676,000
Stream Valley Design Guidelines	0	0	0	0	250,000	0	0	0	0	0	250,000
Community Development Total	2,835,000	292,000	175,000	309,000	618,000	328,000	213,000	324,000	235,000	347,000	5,676,000
Recreation & Parks											
Proactive Maintenance of the Urban Forest	206,000	212,200	218,600	225,200	231,900	238,900	246,000	253,400	261,000	268,800	2,362,000
Tree & Shrub Capital Maintenance	373,800	260,900	356,400	367,100	378,000	430,100	442,800	456,200	469,900	484,000	4,019,200
Recreation & Parks Total	579,800	473,100	575,000	592,300	609,900	669,000	688,800	709,600	730,900	752,800	6,381,200
Sanitary Sewers											
AlexRenew Wastewater Treatment Plant Capacity	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	-
Combined Sewer Assessment & Rehabilitation	5,000,000	3,900,000	0	0	0	0	0	0	0	0	8,900,000
Holmes Run Trunk Sewer	0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	-
Reconstructions & Extensions of Sanitary Sewers	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	9,000,000
Sanitary Sewer Asset Renewal Program	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 Sewers Total	10,400,000	8,300,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	53,900,000
Stormwater Management											
Floodproofing Grant Program	750,000	769,000	789,000	809,000	830,000	851,000	873,000	895,000	918,000	941,000	8,425,000
Four Mile Run Channel Maintenance	0	936,600	0	300,000	300,000	0	1,251,300	2,900,000	0	300,000	5,987,900
Green Infrastructure	210,000	0	1,549,000	0	0	0	0	0	0	0	1,759,000
Hooffs Run Culvert	0	0	0	0	1,344,000	0	0	0	0	1,505,300	2,849,300
Inspection and Cleaning (State of Good Repair) CFMP	1,000,000	1,025,000	1,051,000	1,078,000	1,105,000	1,133,000	1,162,000	1,192,000	1,222,000	1,253,000	11,221,000
MS4-TDML Compliance Water Quality Improvements	1,350,000	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	17,425,000
NPDES / MS4 Permit	170,000	168,400	170,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	1,747,200
Phosphorus Exchange Bank	0	0	0	0	0	0	0	0	0	0	0
Small-Midsize Stormwater Maintenance Projects	500,000	513,000	526,000	540,000	554,000	568,000	583,000	598,000	613,000	629,000	5,624,000
Storm Sewer Capacity Assessment	19,900,000	26,425,000	28,825,000	32,375,000	15,950,000	15,200,000	13,675,000	6,700,000	6,350,000	4,000,000	169,400,000
Storm Sewer System Spot Improvements	2,540,500	2,605,000	2,671,000	2,738,000	2,807,000	2,878,000	2,950,000	3,024,000	3,100,000	3,178,000	28,491,500
Stormwater BMP Maintenance CFMP	245,000	252,000	260,000	1,202,000	1,221,000	158,000	161,000	165,000	168,000	172,000	4,004,000
Strawberry Run Stream Restoration	0	0	0	0	0	0	0	0	0	0	0
Stream & Channel Maintenance	859,000	881,000	904,000	927,000	951,000	975,000	1,000,000	1,025,000	1,051,000	1,078,000	9,651,000
Taylor Run Stream Restoration	0	0	0	0	0	0	0	0	0	0	0
Stormwater Management Total	27,524,500	34,875,000	38,845,000	41,940,700	27,285,500	23,688,200	23,832,300	19,252,700	15,102,500	14,238,500	266,584,900
Theme 8: Environmental Sustainability Total	41,339,300	43,940,100	43,995,000	47,242,000	32,913,400	29,085,200	29,134,100	24,686,300	20,468,400	19,738,300	332,542,100
Theme 9: Healthy Residents											
Public Buildings											
DCHS Consolidation and Co-Location	20,424,000	61,200,000	0	0	0	0	0	0	0	0	81,624,000
Public Buildings Total	20,424,000	61,200,000	0	0	0	0	0	0	0	0	81,624,000
IT Plan											
DCHS Integrated Client Information System	300,000	TBD	TBD	0	0	0	0	0	0	0	300,000
HIPAA & Related Health Information Technologies	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
IT Plan Total	325,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	550,000
Theme 9: Healthy Residents Total	20,749,000	61,225,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	82,174,000
Theme 10: Multimodal Transportation											
Community Development											
Transportation Signage & Wayfinding System	141,000	0	0	0	0	0	0	0	0	0	141,000
Community Development Total	141,000	0	0	0	0	0	0	0	0	0	141,000
Public Buildings											
Alexandria Transit - DASH CFMP	1,351,500	53,100	54,700	56,300	58,000	59,800	61,500	63,400	65,300	67,300	1,890,900
Union Station Improvements	0	250,000	TBD	TBD	TBD	0	0	0	0	0	250,000
Public Buildings Total	1,351,500	303,100	54,700	56,300	58,000	59,800	61,500	63,400	65,300	67,300	2,140,900
Recreation & Parks											
Pavement in Parks	200,000	275,000	290,000	290,000	240,000	275,000	275,000	275,000	275,000	275,000	2,670,000
Shared-Use Paths	150,000	250,000	150,000	0	150,000	0	0	0	0	150,000	850,000
Soft Surface Trails	123,700	124,400	131,300	135,300	139,300	143,400	147,700	152,300	156,700	161,500	1,415,600
Recreation & Parks Total	473,700	649,400	571,300	425,300	529,300	418,400	422,700	427,300	431,700	586,500	4,935,600

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Transportation											
Access Improvements at Landmark	0	0	3,950,230	2,384,400	0	0	0	0	0	0	6,334,630
Alexandria Mobility Plan	0	0	0	0	0	0	0	0	0	0	0
Bridge Repairs	2,151,000	2,373,000	2,583,000	2,775,000	2,977,000	3,167,000	3,660,000	4,572,000	3,670,000	4,600,000	32,528,000
Capital Bikeshare	400,000	250,000	250,000	0	0	0	0	0	0	0	900,000
Citywide Parking - Parking Technologies	206,804	250,000	0	0	0	0	0	0	0	0	456,804
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	1,000,000	400,000	600,000	3,084,550	0	0	0	0	0	0	5,084,550
Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade	103,000	138,200	175,200	202,800	208,800	215,000	221,400	228,200	235,100	242,200	1,969,900
Citywide Trans. Mgmt. Tech. - Transportation Technologies	0	265,300	0	281,500	0	298,500	309,500	316,800	326,300	336,100	2,134,000
CMAQ Contingency from Cancelled Backlick Run Multi-Use Paths	2,210,003	2,100,648	300,000	0	0	0	0	0	0	0	4,610,651
Complete Streets	1,511,000	761,000	773,000	786,000	800,000	814,000	829,000	844,000	861,000	878,000	8,857,000
DASH Bus Fleet Replacements	0	12,465,600	9,288,200	0	9,332,200	19,343,700	0	8,740,800	21,006,900	31,510,000	111,687,400
DASH Electronic Fare Payment	0	0	0	0	0	0	0	0	0	0	0
DASH Facility and Fleet Expansion	3,421,000	2,928,000	6,241,000	7,040,000	0	0	0	0	0	0	19,630,000
DASH Hybrid Bus and Trolley Powertrain Replacement	0	371,400	382,500	394,000	347,800	298,600	184,500	0	0	0	1,978,800
DASH Scheduling Software	0	0	0	0	0	0	0	0	0	0	0
DASH Technologies	0	600,000	255,745	0	0	0	0	0	0	0	855,745
Duke Street and West Taylor Run Safety Improvements	0	0	3,905,460	0	0	0	0	0	0	0	3,905,460
Fixed Transportation Equipment	875,500	2,493,400	956,300	985,000	1,043,500	1,074,800	1,107,000	1,140,300	1,207,100	1,243,100	12,126,000
Four Mile Run Bridge Program	7,000,000	7,000,000	0	0	0	0	0	0	0	10,000,000	24,000,000
King Street-Bradlee Roadway Improvements	0	1,000,000	1,000,000	0	0	0	0	0	0	0	2,000,000
Old Cameron Run Trail	0	1,646,273	1,122,727	2,045,000	0	0	0	0	0	0	4,814,000
Seminary Road at Beauregard Street Ellipse	0	3,500,000	16,200,000	16,700,000	100,000	0	0	0	0	0	36,500,000
Sidewalk Capital Maintenance	309,000	636,600	327,900	675,400	347,800	716,500	369,000	760,100	391,500	780,000	5,313,800
Street Reconstruction & Resurfacing of Major Roads	6,394,000	5,835,000	5,436,400	5,599,500	4,984,900	6,328,500	6,149,400	6,333,900	6,523,900	6,719,600	60,305,100
Traffic Adaptive Signal Control	5,266,347	2,409,553	0	0	0	0	0	0	0	0	7,675,900
Transit Access & Amenities	500,000	400,000	0	0	0	0	0	0	0	0	900,000
Transit Corridor "B" - Duke Street	0	0	14,200,000	20,800,000	40,000,000	0	0	0	0	0	75,000,000
Transit Corridor "C" - West End Transitway	8,171,388	4,028,612	23,610,244	33,589,753	0	0	0	0	0	0	69,399,997
Transit Strategic Plan in Alexandria	150,000	0	0	0	0	0	0	0	0	0	150,000
Transitway Enhancements	0	0	0	0	0	0	0	0	0	0	0
WMATA Capital Contributions	11,950,000	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	173,615,000
Transportation Total	51,619,042	68,112,586	108,212,906	114,407,903	77,627,000	50,176,600	31,194,800	41,761,100	53,521,800	76,099,000	672,732,737
Theme 10: Multimodal Transportation Total	53,585,242	69,065,086	108,838,906	114,889,503	78,214,300	50,654,800	31,679,000	42,251,800	54,018,800	76,752,800	679,950,237
Grand Total	293,102,842	527,899,386	415,726,806	315,365,803	192,538,300	162,170,600	211,518,500	136,341,800	171,000,800	235,846,500	2,661,511,337

CAPITAL PROJECT DETAILS

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 Capital Improvement Program (CIP) projects. This CIP document builds upon changes made beginning in FY 2014 to provide clear, concise and relevant information for each project. 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 2021, and then planned funding for FY 2022 – 2031. Each project also provides details on the specific funding sources used to finance the project.

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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**8,628,800**	**3,328,100**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5,300,700**	**0**	**5,300,700**
Financing Plan													
Cash Capital	2,255,000	2,255,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	6,373,800	1,073,100	0	0	0	0	0	0	0	0	5,300,700	0	5,300,700
Financing Plan Total	**8,628,800**	**3,328,100**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5,300,700**	**0**	**5,300,700**
Operating Impact	3,367,100	0	0	292,800	307,200	322,300	338,100	354,700	372,200	390,600	494,600	494,600	3,367,100

Additionally, information providing 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.

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.

RESERVED BOND CAPACITY/CASH CAPITAL FUNDING

Reserved Bond Capacity/Cash Capital Funding

As part of the Approved FY 2018 – FY 2027 CIP, City Council approved the creation of a blue-ribbon task force to supervise the development of a joint City and Schools plan to address the facility capacity and maintenance needs of the City's and ACPS' public buildings. The committee was designated the Ad Hoc Joint City/School Facilities Investment Task Force (the "Task Force").

The Task Force was charged with the following tasks:

- Develop and recommend a long-range joint City/Schools municipal facilities Capital Improvement Plan;
- Determine opportunities for joint facility/site/co-location opportunities for City and School programs;
- Review and recommend municipal facility planning and civic engagement principles, standards, and practices;
- Review and recommend alternative capital project delivery methods and project management structures;
- Review and recommend governance of capital planning and project delivery; and
- Review and recommend asset management practices.

In addition to creating the Task Force, City Council also approved the addition of 3 cents to the real estate tax rate beyond the 2.7 cent increase in the Proposed FY 2018 budget to be used to address the recommendations of the Task Force. Over the FY 2018 – FY 2027 plan, this 3-cent increase on the real estate tax rate was projected to raise $130.1 million in additional revenue to address City and School facility needs. This new revenue was combined with previously planned funding for major City and School facility maintenance/replacement projects for prioritization by the Task Force.

On November 4, 2017, the Task Force presented its initial recommendations to the City Council regarding the portfolio of City and School capital projects that should occur in the next ten years. On January 30, 2018, the Task Force presented its final recommendations to City Council and the School Board, which outlined improvements that City Council and the School Board should pursue to improve project development, explore alternative delivery methods, improve preventative maintenance practices, and to promote better cooperation and joint-ness between the City and School capital programs. City and School staff continue to work together on how to best operationalize the Task Force recommendations, including the following initiatives:

- Conducting the joint City Council/School Board Visioning Sessions (May 2018 & September 2018);
- On-going development of the Joint City-ACPS Facilities Master Plan;
- Fall CIP worksessions to provide additional time to deliberate on capital needs and proposed project solutions;
- Regular meetings of the Joint City-School Capital Management Council;
- Conducting a review of public-private partnership (P3) opportunities for City and School capital projects;
- Joint conducting of a Preventative Maintenance System and Staffing Study; and
- Codifying processes for more joint planning of school modernization projects and co-location opportunities.

The Approved FY 2022 – FY 2031 CIP continues to reflect the recommendations of the Task Force. The School Board Approved FY 2022 – FY 2031 CIP also continues to be largely consistent with the recommendations of the Task Force. Over the ten-year plan, the City Council Approved CIP fully funds the School Board Approved FY 2022 – FY 2031 CIP[1], which will provide sufficient funding to execute the recommendations of the Task Force.

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1. The City Council Approved FY 2022 – FY 2031 CIP fully funds the School Board Approved FY 2022 – FY 2031 CIP funding request of $551.5 million. However, it is not inclusive of the additional $12.5 million funding request to include a competition-sized swimming pool as part of the Minnie Howard High School campus project, which was requested by the School Board after budget adoption and outside of the typical budget request process.

Funding Held in Contingency

As part of the development of the Approved FY 2021 – FY 2030 CIP, staff undertook a significant review of current and new projects to better standardize project development and costing. This included a more consistent approach to applying contingencies and cost escalation to projects. As such, the funding originally held in contingency by the Task Force's recommendations has largely been moved to individual projects, and this continues to be the case in the City Council Approved FY 2022 – FY 2031 CIP.
The City's capital program continues to hold funding in reserve related to joint projects and land acquisition:

- **City & School Land Acquisition and DCHS Colocation Investment** – funding ($40 million in FY 2019), set aside for land acquisition opportunities. This contingency line reserves bond capacity for land acquisition, however the City will likely not borrow these funds until a clear land acquisition opportunity comes available. In FY 2020, $1.02 million of this contingency was used to purchase abutting properties immediately adjacent to the Douglas MacArthur Elementary School, comprising nearly 25,000 square feet that will be used to provide ACPS with needed flexibility in designing and constructing an appropriate educational facility with corresponding site requirements to accommodate capacity and structural issues. In July 2021, City Council authorized the City Manager to enter into a contract to purchase a building to be utilized for DCHS Colocation and some City services.

- **Witter/Wheeler Campus Funding Reservation (includes ACPS Transportation Facility)** – funding ($33.4 million) set aside to redevelop the Witter/Wheeler Campus which includes both City and ACPS facilities. The City and ACPS continue to work on the Witter/Wheeler Master Plan process, which will inform the scope and direction of this redevelopment. Additionally, several studies are underway that will inform the master planning process, including a Storm Water Mitigation Study, a study on the facilities impact/needs assessment for electrification of the DASH bus fleet, and a Fleet Consolidation study.

The table on the following page outlines the various categories of contingency funding included in the Approved FY 2022 – FY 2031 CIP.

Task Force Recommendations & Contingency Funding

Items	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	TOTAL FY 2022 - 2031
Witter/Wheeler Campus Funding Reservation	-	960,000	4,000,000	7,000,000	7,000,000	7,000,000	7,000,000	-	-	-	-	32,960,000
Witter/Wheeler Planning & Feasability	346,000	-	-	-	-	-	-	-	-	-	-	-
Witter/Wheeler - Schools Transportation Facility (In Schools Section)	-	-	6,710,000	-	-	-	-	-	-	-	-	6,710,000
City & School Land Acquisition Reservation	40,000,000	-	-	-	-	-	-	-	-	-	-	-
TOTAL	**40,346,000**	**960,000**	**10,710,000**	**7,000,000**	**7,000,000**	**7,000,000**	**7,000,000**	**-**	**-**	**-**	**-**	**39,670,000**

CIP Development & Implementation Staff

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 2011 – FY 2020 CIP, the City has increased the resources (both City and Non-City) devoted to capital investment by 276% from $707.1 million for the ten-year CIP to the $2.66 billion in the Approved FY 2022 – FY 2031 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 Approved FY 2022 – FY 2031 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, as part of the Technical Adjustments process for the FY 2022 budget process, the City added a contingency of $150,000 of NVTA 30% funds per year for staffing costs for 3.6 transit grant-funded FTEs that may not be reimbursable under state or federal grants agreements.

CIP Development & Implementation Staff

Department	Position	Project Charged	FY 2021 Approved *FTEs*	FY 2022 Approved *FTEs*	Change FY 21-FY 22 *FTEs*
Positions Charged to Specific Project					
General Services	Energy Project Specialist	Energy Management Program	1.00	1.00	-
	Green Building Engineer	Energy Management Program	1.00	1.00	-
Information Technology Services	Tech Program Manager	Municipal Fiber	1.00	1.00	-
	Wireless Engineer	Lan/WAN Infrastructure	1.00	1.00	-
	Assistant Director	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
Planning & Zoning	Senior Planning Technician┬	Permit Processing Project	1.00	-	(1.00)
Transportation & Environmental Services	Sustainability Coordinator	Environmental Restoration	1.00	1.00	-
	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	-
	Division Chief - Environmental Quality┬	Stormwater Utility	1.00	-	(1.00)
	Principal Planner	Transit Corridor "B" - Duke Street	0.50	0.50	-
	Principal Planner	Transit Corridor "C" - West End Transitway	0.50	0.50	-
Centralized Capital Positions					-
City Manager's Office	Public Private Partnerships Coordinator	CIP Development & Implementation	0.50	0.50	-
Finance	Capital Procurement Personnel*	CIP Development & Implementation	7.60	8.10	0.50
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	4.50	2.50	(2.00)
Management & Budget	Capital Improvement Program Manager	CIP Development & Implementation	0.50	0.50	-
	Capital Budget Analyst	CIP Development & Implementation	1.00	1.00	-
Planning & Zoning	Capital Project Development Team	CIP Development & Implementation	2.00	2.00	-
Project Implementation	Capital Project Implementation Non-Personnel Expenditures	CIP Development & Implementation	-	-	-
	Capital Project Implementation Personnel┴	CIP Development & Implementation	25.00	29.00	4.00
Recreation, Parks, & Cultural Activities	Open Space Management Staff	CIP Development & Implementation	2.00	2.00	-
		Subtotal	**63.90**	**67.40**	**3.50**

Notes

* FTE has been reallocated from the operating budget to the capital program and does not represent a 'new' FTE.

┬ FTE has been reallocated to the operating budget from the capital program and does not represent a 'reduction' in FTE.

† FTE moved from central capital positions account to a specific project to better reflect the concentration of work.

┴ Three Project Manager positions, and one Program Manager position were added to the Department of Project Implementation. Two of the three Project Managers and the Program Manager will be tasked with stormwater flood mitigation projects, per the recommendations of the Interdepartmental Flood Mitigation Task Force. The third Project Manager is needed to manage the projected workload of all capital projects.

ALEXANDRIA CITY PUBLIC SCHOOLS (ACPS)

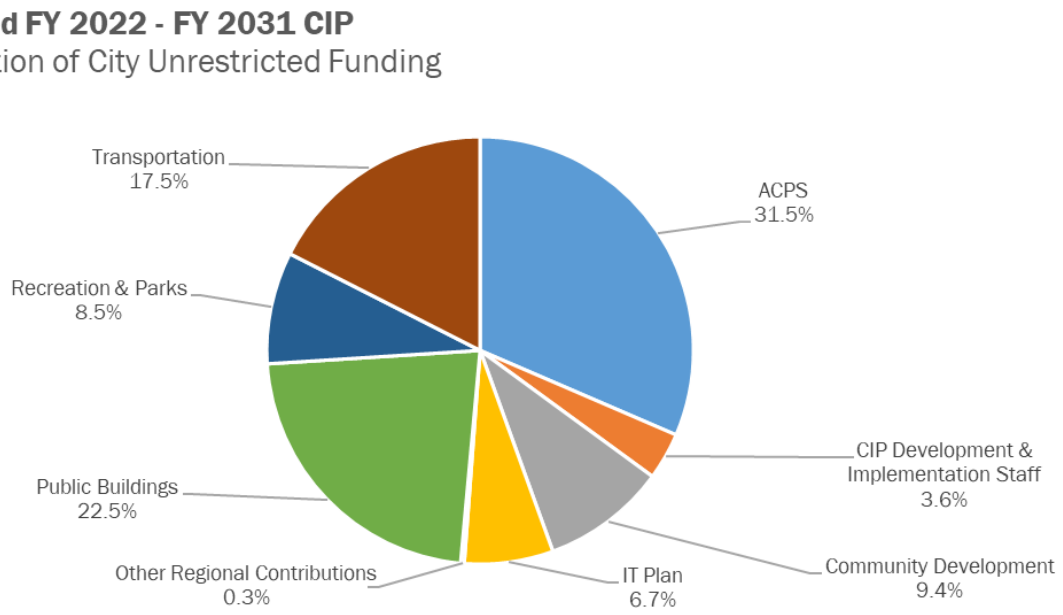
The entire ACPS Capital Improvement Program can be found on-line at:
http://www.acps.k12.va.us/budgets/

Alexandria City Public Schools (ACPS)
Approved FY 2022 – FY 2031 Capital Improvement Program (CIP)

Overview

The City Council Approved FY 2022 – FY 2031 Capital Improvement Program (CIP) includes full funding over ten years of $551.5 million, which represents a $20.8 million or a 3.9% increase in City funding over the prior City Adopted CIP for ACPS. The Approved CIP funds 100% of the ACPS School Board Approved CIP, which was adopted by the School Board on December 18, 2020[1].

The Schools section of the Approved 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 31.5% of identified sources. Additionally, the School Board Approved FY 2022 – FY 2031 CIP was frontloaded by ACPS, with $254.0 million out of $551.5 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 Approved 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 2022 Capital Year Budget

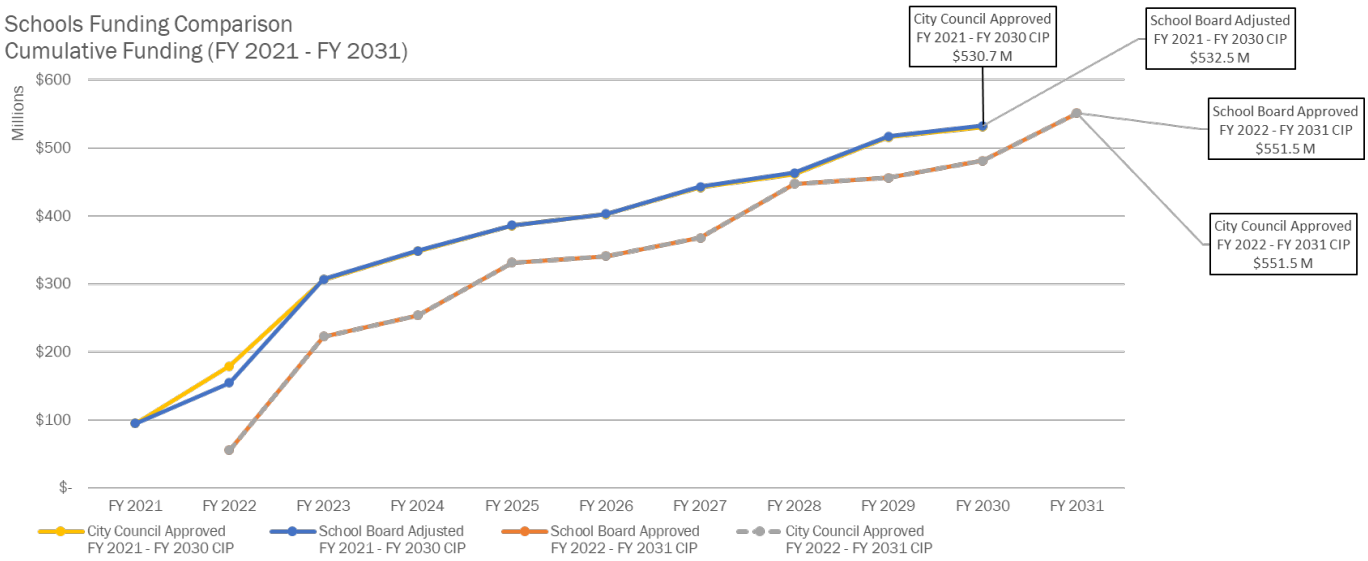
The Approved FY 2022 capital year budget reflects funding for all the capacity and non-capacity needs identified in the School Board Approved FY 2022 – FY 2031 CIP for FY 2022. This includes $30 million to begin the construction of a new Alexandria High School facility on the Minnie Howard campus.

1. The City Council Approved FY 2022 – FY 2031 CIP fully funds the School Board Approved FY 2022 – FY 2031 CIP funding request of $551.5 million. However, it is not inclusive of (1) the additional $12.5 million funding request to incorporate a competition-sized swimming pool as part of the Minnie Howard High School campus project, which was requested by the School Board after budget adoption and outside of the typical budget request process, and (2) the additional $17.9 million in funding added for ACPS to acquire an office building to use for future elementary school swing space (George Mason and Cora Kelly) and for a permanent new school (which obviates the need for a new school in FY 2030 and FY 2031).

FY 2022 – 2031 City Council Approved CIP Compared to the School Board Approved CIP

As discussed in the Overview section, the City Council Approved FY 2022 – FY 2031 CIP provides $551.5 million within the overall 10-Year CIP for school capital projects, which funds 100% of the School Board Approved FY 2022 – FY 2031 CIP.

Capital Improvement Program	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
City Council Approved FY 2022 - FY 2031 CIP	$ 55,199,200	$ 167,680,700	$ 31,081,900	$ 77,295,700	$ 9,551,500
School Board Approved FY 2022 - FY 2031 CIP	$ 55,199,200	$ 167,680,700	$ 31,081,900	$ 77,295,700	$ 9,551,500
Difference: Council Approved - School Board Approved	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Capital Improvement Program	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
City Council Approved FY 2022 - FY 2031 CIP	$ 27,189,500	$ 79,102,000	$ 8,874,600	$ 25,305,700	$ 70,202,200
School Board Approved FY 2022 - FY 2031 CIP	$ 27,189,500	$ 79,102,000	$ 8,874,600	$ 25,305,700	$ 70,202,200
Difference: Council Approved - School Board Approved	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
City Council Approved FY 2022 - FY 2031 CIP	$ 551,483,000				
School Board Approved FY 2022 - FY 2031 CIP	$ 551,483,000				
Difference: Council Approved - School Board Approved	**$ -**				



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%
		Five-Year Percent Increase	*47.9%*

Alexandria City Public Schools (ACPS) School Board Approved FY 2022 – 2031 Capital Improvement Program

Category/Site/Program	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Capacity											
Cora Kelly											
Construction of Renovation & Capacity	-	-	-	-	-	-	69,382,400	-	-	-	69,382,400
Design, Project Management & Other SoftCosts	-	-	-	-	-	17,345,600	-	-	-	-	17,345,600
Cora Kelly Total	-	-	-	-	-	17,345,600	69,382,400	-	-	-	86,728,000
George Mason											
Construction of Renovation & Capacity	-	-	-	64,048,600	-	-	-	-	-	-	64,048,600
Design, Project Management & Other SoftCosts	-	-	16,012,100	-	-	-	-	-	-	-	16,012,100
George Mason Total	-	-	16,012,100	64,048,600	-	-	-	-	-	-	80,060,700
High School Project											
Hard costs for a new high school	30,000,000	144,933,900	-	-	-	-	-	-	-	-	174,933,900
High School Project Total	30,000,000	144,933,900	-	-	-	-	-	-	-	-	174,933,900
New School: 600- student											
Construction of Renovation & Capacity	-	-	-	-	-	-	-	-	-	61,206,300	61,206,300
Design, Project Management & Other Soft Costs	-	-	-	-	-	-	-	-	15,301,600	-	15,301,600
New School: 600- student Total	-	-	-	-	-	-	-	-	15,301,600	61,206,300	76,507,900
Transportation Services											
Transportation Facility Modernization	-	6,710,000	-	-	-	-	-	-	-	-	6,710,000
Transportation Services Total	-	6,710,000	-	-	-	-	-	-	-	-	6,710,000
Capacity Total	30,000,000	151,643,900	16,012,100	64,048,600	-	17,345,600	69,382,400	-	15,301,600	61,206,300	424,940,500
Non-Capacity	25,199,200	16,036,800	15,069,800	13,247,100	9,551,500	9,843,900	9,719,600	8,874,600	10,004,100	8,995,900	126,542,500
Grand Total	**55,199,200**	**167,680,700**	**31,081,900**	**77,295,700**	**9,551,500**	**27,189,500**	**79,102,000**	**8,874,600**	**25,305,700**	**70,202,200**	**551,483,000**

COMMUNITY DEVELOPMENT

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Community Development											
Affordable Housing											
Affordable Housing Funding	8,202,000	6,306,000	6,412,000	6,520,000	6,630,000	6,743,000	6,858,000	6,975,000	7,095,000	7,237,000	68,978,000
Affordable Housing Total	8,202,000	6,306,000	6,412,000	6,520,000	6,630,000	6,743,000	6,858,000	6,975,000	7,095,000	7,237,000	68,978,000
City-Wide Amenities											
Gadsby Lighting Fixtures & Poles Replacement	950,000	950,000	0	84,500	0	89,600	92,300	0	97,900	100,900	2,365,200
Landmark Mall Redevelopment Project	21,000,000	58,000,000	51,000,000	0	0	0	0	0	0	0	130,000,000
Office of Historic Alexandria Initiatives	47,400	265,200	273,200	168,900	298,900	186,500	0	0	0	0	1,240,100
Office of Historic Alexandria Waterfront Museum Feasibility Study	125,000	0	0	0	0	0	0	0	0	0	125,000
Public Art Acquisition	250,000	250,000	250,000	250,000	400,000	250,000	250,000	250,000	250,000	250,000	2,650,000
Public Art Conservation Program	51,600	63,900	43,800	56,400	58,000	59,800	73,900	50,800	65,400	67,400	591,000
Transportation Signage & Wayfinding System	141,000	0	0	0	0	0	0	0	0	0	141,000
City-Wide Amenities Total	22,565,000	59,529,100	51,567,000	559,800	756,900	585,900	416,200	300,800	413,300	418,300	137,112,300
Neighborhood Planning											
Braddock Road Area Plan - Streetscape Improvements	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	450,000
Development Studies	280,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,530,000
Project Budgeting Excellence	737,000	471,000	265,000	726,100	282,100	770,100	299,100	817,100	842,100	851,100	6,060,700
Waterfront Small Area Plan Implementation (w/ Construction Funding)	22,000,000	36,800,000	43,200,000	0	0	0	0	0	0	0	102,000,000
Neighborhood Planning Total	23,062,000	37,566,000	43,760,000	1,021,100	577,100	1,065,100	594,100	1,112,100	1,137,100	1,146,100	111,040,700
Public Safety Enhancements											
Citywide Street Lighting	420,800	26,600	27,400	28,200	29,000	29,900	30,800	31,700	32,700	33,700	690,800
Fire Department Vehicles & Apparatus	472,600	1,867,700	2,196,700	2,441,700	3,482,200	2,102,100	3,789,000	3,350,300	2,781,200	3,516,400	25,999,900
Fire Hydrant Maintenance Program	360,500	371,400	382,500	394,000	289,900	298,600	307,500	316,700	326,200	336,000	3,383,300
Police Body Worn Cameras	TBD	TBD	TBD	TBD	0	0	0	0	0	0	-
Public Safety Enhancements Total	1,253,900	2,265,700	2,606,600	2,863,900	3,801,100	2,430,600	4,127,300	3,698,700	3,140,100	3,886,100	30,074,000
Waterways Maintenance & Improvements											
Environmental Restoration	159,000	292,000	175,000	309,000	368,000	328,000	213,000	324,000	235,000	347,000	2,750,000
Oronoco Outfall Remediation Project	2,676,000	TBD	TBD	TBD	TBD	0	0	0	0	0	2,676,000
Stream Valley Design Guidelines	0	0	0	0	250,000	0	0	0	0	0	250,000
Waterways Maintenance & Improvements Total	2,835,000	292,000	175,000	309,000	618,000	328,000	213,000	324,000	235,000	347,000	5,676,000
Community Development Total	57,917,900	105,958,800	104,520,600	11,273,800	12,383,100	11,152,600	12,208,600	12,410,600	12,020,500	13,034,500	352,881,000

AFFORDABLE HOUSING

DOCUMENT SUBSECTION:	Affordable Housing	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Office of Housing	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	Affordable Housing
PRIMARY STRATEGIC THEME:	Theme 1: Distinctive & Vibrant Neighborhoods	ESTIMATE USEFUL LIFE:	Varies

Affordable Housing Funding

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**88,174,200**	**19,196,200**	**8,202,000**	**6,306,000**	**6,412,000**	**6,520,000**	**6,630,000**	**6,743,000**	**6,858,000**	**6,975,000**	**7,095,000**	**7,237,000**	**68,978,000**
Financing Plan													
Cash Capital	18,706,000	5,500,000	4,206,000	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	13,206,000
Meals Tax Dedication for Affordable Hous	69,468,200	13,696,200	3,996,000	5,306,000	5,412,000	5,520,000	5,630,000	5,743,000	5,858,000	5,975,000	6,095,000	6,237,000	55,772,000
Financing Plan Total	**88,174,200**	**19,196,200**	**8,202,000**	**6,306,000**	**6,412,000**	**6,520,000**	**6,630,000**	**6,743,000**	**6,858,000**	**6,975,000**	**7,095,000**	**7,237,000**	**68,978,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

An additional $1 million was added to FY 2022, over what was planned in the Approved FY 2021 – FY 2031 CIP. This funding was added by City Council from the revenue re-estimate and technical adjustment General Fund surplus. Moreover, to maintain planned project funding levels, $2.2 million of General Fund Cash Capital was added to cover Meals Tax shortages in FY 2021 and FY 2022.

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 $55.8 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, a pipeline of projects has been created. Some of these projects are listed below and all will be brought to City Council for approval. 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 difference.

Seminary Road Project – AHDC - Affordable homeownership development of townhouse and flats-style condos for households with incomes up to 80% AMI. This development involves the assembly of parcels, including an existing Sheltered Homes of Alexandria group home property, a single family home property (on which AHDC holds a purchase option), and an adjacent City parcel.

Arlandria Project – AHDC - Redevelopment of site on the corner of Glebe Road and Mount Vernon Avenue, as well as a City parking lot parcel, into hundreds of units of affordable and workforce housing. A substantial component of the project is planned to provide deep affordability.

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.

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	PROJECT LOCATION:	Old Town
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Old Town
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**4,675,200**	**2,310,000**	**950,000**	**950,000**	**0**	**84,500**	**0**	**89,600**	**92,300**	**0**	**97,900**	**100,900**	**2,365,200**
Financing Plan													
Cash Capital	3,725,200	1,360,000	950,000	950,000	0	84,500	0	89,600	92,300	0	97,900	100,900	2,365,200
GO Bonds	950,000	950,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**4,675,200**	**2,310,000**	**950,000**	**950,000**	**0**	**84,500**	**0**	**89,600**	**92,300**	**0**	**97,900**	**100,900**	**2,365,200**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

PROJECT DESCRIPTION & JUSTIFICATION

This project provides funding to replace existing fixtures Gadsby fixtures and poles 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 and new streetlight fixtures. 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.

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	PROJECT LOCATION:	Landmark/Van Dorn
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	Category 3
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	Varies

Landmark Mall Redevelopment Project

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**130,000,000**	**0**	**21,000,000**	**58,000,000**	**51,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**130,000,000**
Financing Plan													
Landmark Redevelopment Supported Bo	130,000,000	0	21,000,000	58,000,000	51,000,000	0	0	0	0	0	0	0	130,000,000
Financing Plan Total	**130,000,000**	**0**	**21,000,000**	**58,000,000**	**51,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**130,000,000**

CHANGES FROM PRIOR YEAR CIP

The redevelopment of the Landmark Mall site has been discussed for over 15 years and a City financial incentive to trigger redevelopment has always been contemplated. During the past year negotiations among the City, the developer team and Inova have resulted in an agreement. As described below, the City's commitment would be $54 million for land acquisition and $76 million for infrastructure paid out over three or more years.

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 $76 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. Subsequent to the adoption of this CIP the City increased its share of infrastructure costs by $10 million to $86 million. 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 bonds to finance its $140 million[1] investment (whether GO bonds or CDA revenue-backed bonds is to be determined) and have those bonds be repaid by the revenue generated from tax revenue growth that the Landmark redevelopment would generate. 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 $220 million in debt service, leaving some $780 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Office of Historic Alexandria	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 1: Distinctive & Vibrant Neighborhoods	ESTIMATE USEFUL LIFE:	Varies

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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,937,795**	**697,695**	**47,400**	**265,200**	**273,200**	**168,900**	**298,900**	**186,500**	**0**	**0**	**0**	**0**	**1,240,100**
Financing Plan													
Cash Capital	1,937,795	697,695	47,400	265,200	273,200	168,900	298,900	186,500	0	0	0	0	1,240,100
Financing Plan Total	**1,937,795**	**697,695**	**47,400**	**265,200**	**273,200**	**168,900**	**298,900**	**186,500**	**0**	**0**	**0**	**0**	**1,240,100**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding originally deferred to FY 2022 due to the COVID-19 pandemic ($125,000) further deferred to FY 2026.

PROJECT DESCRIPTION & JUSTIFICATION

This project provides funding for investments in the City' 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 2022– FY 2027: $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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Office of Historic Alexandria	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 1: Distinctive & Vibrant Neighborhoods	ESTIMATE USEFUL LIFE:	Varies

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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**125,000**	**0**	**125,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**125,000**
Financing Plan													
Cash Capital	125,000	0	125,000	0	0	0	0	0	0	0	0	0	125,000
Financing Plan Total	**125,000**	**0**	**125,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**125,000**

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2022 – FY 2031 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 3 years, the conserved ship timbers of an 18th century merchant ship as well as the structural beams of the original 18th-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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**4,560,064**	**1,910,064**	**250,000**	**250,000**	**250,000**	**250,000**	**400,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**	**2,650,000**
Financing Plan													
Cash Capital	3,800,000	1,150,000	250,000	250,000	250,000	250,000	400,000	250,000	250,000	250,000	250,000	250,000	2,650,000
GO Bonds	250,000	250,000	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	510,064	510,064	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**4,560,064**	**1,910,064**	**250,000**	**250,000**	**250,000**	**250,000**	**400,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**	**2,650,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding originally deferred to FY 2022 due to the COVID-19 pandemic ($150,000) has been further deferred to FY 2026. Funding added to project for FY 2031.

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 2022 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
- 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**833,500**	**242,500**	**51,600**	**63,900**	**43,800**	**56,400**	**58,000**	**59,800**	**73,900**	**50,800**	**65,400**	**67,400**	**591,000**
Financing Plan													
Cash Capital	833,500	242,500	51,600	63,900	43,800	56,400	58,000	59,800	73,900	50,800	65,400	67,400	591,000
Financing Plan Total	**833,500**	**242,500**	**51,600**	**63,900**	**43,800**	**56,400**	**58,000**	**59,800**	**73,900**	**50,800**	**65,400**	**67,400**	**591,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 2022 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 2022 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. Additional funding will be used for cleaning and minor maintenance at “Shipbuilder” and other works as noted in the FY 2019 conditional assessment.

Past projects include work at the Freedmen’s Cemetery, Rocky Versace Memorial 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
King Street Gardens Park Improvements	$46,400
Emergency Projects	$5,200
Total Fiscal Year 2022	**$51,600**

Fiscal Year 2023	
Description	Amount
Shipbuilder Renovation	$47,800
Public Art Condition Assessment	$10,700
Emergency Projects	$5,400
Total Fiscal Year 2023	**$63,900**

Fiscal Year 2024	
Description	Amount
Conservation Projects Identified in the FY2023 Condition Assessment	$38,300
Emergency Projects	$5,500
Total Fiscal Year 2024	**$43,800**

TRANSPORTATION SIGNAGE & WAYFINDING SYSTEM

DOCUMENT SUBSECTION:	City-Wide Amenities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,317,000**	**2,176,000**	**141,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**141,000**
Financing Plan													
Cash Capital	2,046,000	2,046,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	271,000	130,000	141,000	0	0	0	0	0	0	0	0	0	141,000
Financing Plan Total	**2,317,000**	**2,176,000**	**141,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**141,000**
Operating Impact	145,000	0	0	50,000	5,000	5,000	5,000	5,000	5,000	5,000	60,000	5,000	145,000

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

Funding for ongoing minor maintenance, which consists of touching up the signs with touch-up paint and removal of graffiti or stickers attached to the signs.

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 2021, installation in winter 2021
- 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 2021, Installation Fall 2022

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	PROJECT LOCATION:	Braddock Metro Area
MANAGING DEPARTMENT:	Department of Planning and Zoning	REPORTING AREA:	Braddock Road Metro
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 1: Distinctive & Vibrant Neighborhoods	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,217,564**	**767,564**	**45,000**	**45,000**	**45,000**	**45,000**	**45,000**	**45,000**	**45,000**	**45,000**	**45,000**	**45,000**	**450,000**
Financing Plan													
Cash Capital	879,000	429,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	450,000
Prior Capital Funding	338,564	338,564	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,217,564**	**767,564**	**45,000**	**45,000**	**45,000**	**45,000**	**45,000**	**45,000**	**45,000**	**45,000**	**45,000**	**45,000**	**450,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 streetscape improvements. The first streetscape project identified by the Braddock Implementation Advisory Group (BIAG) and the City was on Fayette Street between Queen Street and Oronoco Street. The Fayette Streetscape Project was determined to be the highest priority during a walking tour and survey held by BIAG in summer 2014. T&ES developed alternatives for the streetscape project. Once the preferred alternative was selected, concept development was initiated. The BIAG recommended the streetscape plan in January 2015, and construction was completed in fall 2019.

Overall City investment in the Braddock Area Plan Implementation for streetscape improvements is likely to exceed the amount currently programmed. More detailed cost estimates will be developed for future streetscape projects in the Plan area once they are identified and brought forward for consideration. As developer contributions are received or committed in future years, they will be programmed into the Capital Improvement Program. Completion of these capital infrastructure improvements will promote quality economic development by improving the livability and physical appearance of areas designated for redevelopment.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Planning and Zoning	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 1: Distinctive & Vibrant Neighborhoods	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**4,305,000**	**1,775,000**	**280,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**	**2,530,000**
Financing Plan													
Cash Capital	3,805,000	1,275,000	280,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,530,000
GO Bonds	50,000	50,000	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	250,000	250,000	0	0	0	0	0	0	0	0	0	0	0
Sanitary Sewer Fund	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0
Stormwater Utility Fund	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**4,305,000**	**1,775,000**	**280,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**	**2,530,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $30,000 added to FY 2022 to address implementation needs of the Green Building Policy. Funding added to project for FY 2031.

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 that have either been adopted or are in the process of being developed by the City. Past studies have included Eisenhower West & Landmark Van Dorn (EW & LVD) Air Quality Analysis, EW & LVD Developer Contributions Analysis, and EW & LVD Infrastructure Plan.

For FY 2022, the Development Studies project includes the following initiatives:

- **FY 2022 Master Plan Updates ($280,000) —** this funding will be used for updates to the City's Master Plan through development, updates, and/or implementation of Small Area Plans. Expenditures are dependent on City Council's Long Range Planning Work Program, which gets approved in May. The proposed expenditures reflect the proposed draft work program, which may be adjusted over the course of the budget cycle. Funding is planned to be used for the following:
    - <u>$150,000 Old Town North Small Area Plan (OTN SAP)</u>
        - This funding is needed for technical analyses and feasibility studies related to redevelopment of the former Power Plant, a key component of Old Town North Small Area Plan Implementation, indicated in City Council's Long Range Planning Work Program.
    - <u>$100,000 – Alexandria West/Beauregard Small Area Plan Update</u>
        - This funding is needed for technical and financial analysis for the proposed process to update the Alexandria West/Beauregard Small Area Plan Update or whichever Plan is approved by City Council next in the work program.
    - <u>$30,000 – Environmental Action Plan – Green Building Policy</u>
        - This funding is for technical assistance to implement the recommendations of the City's Environmental Action Plan related to the Green Building Policy, specifically to assist in proactive reviews of development applications (particularly in meeting performance points) and facilitating proposals for standards that are "equivalent" to the three accepted rating systems.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Project Implementation	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**6,060,700**	**0**	**737,000**	**471,000**	**265,000**	**726,100**	**282,100**	**770,100**	**299,100**	**817,100**	**842,100**	**851,100**	**6,060,700**
Financing Plan													
Cash Capital	6,060,700	0	737,000	471,000	265,000	726,100	282,100	770,100	299,100	817,100	842,100	851,100	6,060,700
Financing Plan Total	**6,060,700**	**0**	**737,000**	**471,000**	**265,000**	**726,100**	**282,100**	**770,100**	**299,100**	**817,100**	**842,100**	**851,100**	**6,060,700**

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2022 – FY 2031 CIP.

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 SOPs

ADDITIONAL OPERATING IMPACTS

It is anticipated that both City staff and consultants will have a role in the management and maintenance of the database. Whether funded via the CIP or via operating funds, ongoing funding will be required to update and maintain the unit cost/historic bid database to keep it functioning and current. Updates to the database framework (software upgrades or changes in cloud-based framework, such as Smartsheet) may require upgrades or changes based on changing technology

WATERFRONT SMALL AREA PLAN IMPLEMENTATION

DOCUMENT SUBSECTION:	Neighborhood Planning	PROJECT LOCATION:	Alexandria Waterfront
MANAGING DEPARTMENT:	Department of Project Implementation	REPORTING AREA:	Waterfront
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 6: Strong Economy	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**121,119,186**	**19,119,186**	**22,000,000**	**36,800,000**	**43,200,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**102,000,000**
Financing Plan													
Cash Capital	6,437,500	5,323,000	0	409,800	704,700	0	0	0	0	0	0	0	1,114,500
GO Bond Interest Earnings	12,000	12,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	101,948,500	12,563,000	17,000,000	29,890,200	42,495,300	0	0	0	0	0	0	0	89,385,500
Prior Capital Funding	545,000	545,000	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	676,186	676,186	0	0	0	0	0	0	0	0	0	0	0
Use of CIP Designated Fund Balance	11,500,000	0	5,000,000	6,500,000	0	0	0	0	0	0	0	0	11,500,000
Financing Plan Total	**121,119,186**	**19,119,186**	**22,000,000**	**36,800,000**	**43,200,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**102,000,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding schedule update to reflect current project schedule and timing.

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 for stormwater and pumping system, structural bulkhead, and electrical infrastructure.

The current CIP budget is funded at approximately 50% of the current cost estimate. Alternative strategies and Value Engineering studies are currently underway. The design-build process will likely include further alternatives analysis and cost development to facilitate a firm budget. It is anticipated that the CIP budget request will be further refined after the project alternatives and value engineering process is complete.

FY 2021 funding deferred to FY 2022 in the Approved FY 2021 -2030 CIP in response to the COVID-19 public health emergency required delay to the design and construction contract awards. Based on overall CIP budget constraints, and a study of when expenditures are anticipated, FY 2022 funding has been deferred to FY 2023 and FY 2024.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**3,351,301**	**2,660,501**	**420,800**	**26,600**	**27,400**	**28,200**	**29,000**	**29,900**	**30,800**	**31,700**	**32,700**	**33,700**	**690,800**
Financing Plan													
Cash Capital	2,936,950	2,246,150	420,800	26,600	27,400	28,200	29,000	29,900	30,800	31,700	32,700	33,700	690,800
GO Bond Interest Earnings	125,000	125,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	75,000	75,000	0	0	0	0	0	0	0	0	0	0	0
Other City Sources	204,023	204,023	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	10,328	10,328	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**3,351,301**	**2,660,501**	**420,800**	**26,600**	**27,400**	**28,200**	**29,000**	**29,900**	**30,800**	**31,700**	**32,700**	**33,700**	**690,800**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $395,000 added to FY 2022 to retrofit all existing street lighting within City parks to LED fixtures. Funding added to project for FY 2031.

PROJECT DESCRIPTION & JUSTIFICATION

This program provides funding in the amount of $25,800 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.

In addition to the funds available for new street lighting, prior year funds were included to fully fund retrofits of all existing street lights within the public right-of-way to LED fixtures. In FY 2022, $395,000 is proposed to retrofit all existing street lighting within City parks to LED fixtures. This includes 110 Dominion maintained fixtures and 362 RPCA maintained fixtures in parks citywide. Because of cost, it is not proposed to convert gamefield lights to LED. Upon completion of the LED retrofits in City parks, all City street lighting will utilize LED technology.

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.

FIRE DEPARTMENT VEHICLES & APPARATUS

DOCUMENT SUBSECTION:	Public Safety Enhancements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Fire Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	ESTIMATE USEFUL LIFE:	Varies

Fire Department Vehicles & Apparatus

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**44,765,551**	**18,765,651**	**472,600**	**1,867,700**	**2,196,700**	**2,441,700**	**3,482,200**	**2,102,100**	**3,789,000**	**3,350,300**	**2,781,200**	**3,516,400**	**25,999,900**
Financing Plan													
GO Bond Interest Earnings	611,924	611,924	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	42,566,367	16,566,467	472,600	1,867,700	2,196,700	2,441,700	3,482,200	2,102,100	3,789,000	3,350,300	2,781,200	3,516,400	25,999,900
Prior Capital Funding	1,587,260	1,587,260	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**44,765,551**	**18,765,651**	**472,600**	**1,867,700**	**2,196,700**	**2,441,700**	**3,482,200**	**2,102,100**	**3,789,000**	**3,350,300**	**2,781,200**	**3,516,400**	**25,999,900**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding plan updated to reflect reprioritization of vehicle and apparatus purchases recommended by the Alexandria Fire Department as part of FY 2022 budget development process. Funding added to project in FY 2031.

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.

As part of the FY 2022 budget development process, the Fire Department recommended reprioritizing a number of upcoming vehicle and apparatus purchases, including the following:

- Accelerating the purchase of four medic units (using previously appropriated funds);
- Deferring the purchase of two engines originally scheduled for FY 2020 to FY 2024;
- Deferring the purchase of three engines originally scheduled for FY 2022 to FY 2026; and
- Deferring three special service vehicles originally schedule for FY 2021 – FY 2022 to FY 20225 – FY 2026

Compared to the Approved FY 2021 – FY 2030 CIP, FY 2022 funding is reduced by $2.5 million.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Fire Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	ESTIMATE USEFUL LIFE:	Varies

Fire Hydrant Maintenance Program

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**3,733,300**	**350,000**	**360,500**	**371,400**	**382,500**	**394,000**	**289,900**	**298,600**	**307,500**	**316,700**	**326,200**	**336,000**	**3,383,300**
Financing Plan													
Cash Capital	3,733,300	350,000	360,500	371,400	382,500	394,000	289,900	298,600	307,500	316,700	326,200	336,000	3,383,300
Financing Plan Total	**3,733,300**	**350,000**	**360,500**	**371,400**	**382,500**	**394,000**	**289,900**	**298,600**	**307,500**	**316,700**	**326,200**	**336,000**	**3,383,300**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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, $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.

POLICE BODY-WORN CAMERAS

DOCUMENT SUBSECTION:	Public Safety Enhancements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Police Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	ESTIMATE USEFUL LIFE:	TBD

Police Body Worn Cameras													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**-**	**0**	**TBD**	**TBD**	**TBD**	**TBD**	**0**	**0**	**0**	**0**	**0**	**0**	**-**
Financing Plan													
Cash Capital	-	0	TBD	TBD	TBD	TBD	0	0	0	0	0	0	-
Financing Plan Total	**-**	**0**	**TBD**	**TBD**	**TBD**	**TBD**	**0**	**0**	**0**	**0**	**0**	**0**	**-**

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.

ENVIRONMENTAL RESTORATION

DOCUMENT SUBSECTION:	Waterways Maint. & Imprv.	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**4,129,509**	**1,379,509**	**159,000**	**292,000**	**175,000**	**309,000**	**368,000**	**328,000**	**213,000**	**324,000**	**235,000**	**347,000**	**2,750,000**
Financing Plan													
Cash Capital	1,370,265	620,265	0	125,000	0	125,000	175,000	125,000	0	100,000	0	100,000	750,000
Environmental Restoration Funds	80,000	80,000	0	0	0	0	0	0	0	0	0	0	0
Prior Capital Funding	76,520	76,520	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	238,772	238,772	0	0	0	0	0	0	0	0	0	0	0
Sanitary Sewer Fund	818,134	155,134	53,000	55,000	58,000	61,000	64,000	67,000	71,000	74,000	78,000	82,000	663,000
Stormwater Utility Fund	766,614	103,614	53,000	55,000	58,000	61,000	64,000	67,000	71,000	74,000	78,000	82,000	663,000
TIP	779,204	105,204	53,000	57,000	59,000	62,000	65,000	69,000	71,000	76,000	79,000	83,000	674,000
Financing Plan Total	**4,129,509**	**1,379,509**	**159,000**	**292,000**	**175,000**	**309,000**	**368,000**	**328,000**	**213,000**	**324,000**	**235,000**	**347,000**	**2,750,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Due to FY 2021 funding reductions in response to the COVID-19 pandemic, funding for this project was reduced by $175,000. This funding has been restored to the project in FY 2026. Funding added to project for FY 2031.

PROJECT DESCRIPTION & JUSTIFICATION

This program provides for various projects within the City that will enhance local water quality and eventually the water quality of the Chesapeake Bay. The City's local, more stringent requirement in the Environmental Management Ordinance requires stormwater treatment from all impervious area for development/redevelopment within the City. The City's local, more stringent requirement in the Environmental Management Ordinance requires stormwater treatment from all impervious area for development/redevelopment within the City. In circumstances where required stormwater treatment is not feasible because of site constraints, fees are collected in the form of developer contributions in lieu of providing stormwater treatment. Additionally, with the Council adoption of the Environmental Action Plan (EAP) 2040, this project funds new sustainability projects, as well as funds the Sustainability Coordinator position that City Council added to this project in FY 2017. 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 from development and redevelopment 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 are used to supplement the fees collected to implement these larger projects.

Completion of these initiatives will help maintain and improve the quality and sustainability of Alexandria's environment by enhancing the ecological integrity of waterways, maintaining and improving stormwater infrastructure, and enhancing stream system health to minimize environmental impacts. The Sustainability Coordinator oversees implementation of the EAP 2040 and associated sustainability initiatives funded through this project by the general fund.

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
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**13,617,505**	**10,941,505**	**2,676,000**	**TBD**	**TBD**	**TBD**	**TBD**	**0**	**0**	**0**	**0**	**0**	**2,676,000**
Financing Plan													
Cash Capital	4,696,926	4,696,926	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	300,000	300,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	2,676,000	0	2,676,000	TBD	TBD	TBD	TBD	0	0	0	0	0	2,676,000
GO Bonds (Stormwater)	5,018,074	5,018,074	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	926,505	926,505	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**13,617,505**	**10,941,505**	**2,676,000**	**TBD**	**TBD**	**TBD**	**TBD**	**0**	**0**	**0**	**0**	**0**	**2,676,000**
Operating Impact	2,095,000	0	0	150,000	200,000	210,000	220,000	230,000	245,000	260,000	280,000	300,000	2,095,000

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $176,000 added to FY 2022 to further support 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 19th 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 are being proposed for evaluation during FY 2021 and implementation in FY 2021 - 2022. The City is also developing strategies to complete the VRP requirements that include indoor air sampling and/or remediation strategies at Lee Street Square buildings (i.e. the site), long-term monitoring and maintenance plan, and obtaining the certificate of completion of this VRP from VDEQ.

Further evaluation of these long term solutions will likely require significant, but to-be-determined capital outlays to support this program.

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 DESIGN GUIDELINES

DOCUMENT SUBSECTION:	Waterways Maint. & Imprv.	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**250,000**	**0**	**0**	**0**	**0**	**0**	**250,000**	**0**	**0**	**0**	**0**	**0**	**250,000**
Financing Plan													
Cash Capital	250,000	0	0	0	0	0	250,000	0	0	0	0	0	250,000
Financing Plan Total	**250,000**	**0**	**0**	**0**	**0**	**0**	**250,000**	**0**	**0**	**0**	**0**	**0**	**250,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding originally deferred to FY 2022 due to the COVID-19 pandemic ($250,000) is further deferred to FY 2026.

PROJECT DESCRIPTION & JUSTIFICATION

This multifaceted project will provide design guidelines and a vision for the stream valleys in Alexandria, recognizing these corridors for their potential, not just as waterways, but also as trail connections, recreational 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 stream valleys throughout the City. The timing of the plan is particularly important as a guiding document for upcoming development expected along the stream banks in the Eisenhower 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. The result is missed opportunities to restore the City's waterways in coordination with planning for and incorporating trails, recreation, and urban ecological habitats along stream areas. Design guidelines will identify opportunities for environmental restoration, connected trails and recreation.

The project will include concept level design 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 (2018)

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

RECREATION & PARKS

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Recreation & Parks											
Aquatics Facilities											
Neighborhood Pool Demolition and Conversion	461,000	0	0	0	0	0	0	0	0	0	461,000
Old Town Pool	0	530,500	8,600,000	0	0	0	0	0	0	0	9,130,500
Public Pools	53,800	103,100	106,200	109,400	112,500	116,000	123,400	158,500	163,200	168,100	1,214,200
Aquatics Facilities Total	514,800	633,600	8,706,200	109,400	112,500	116,000	123,400	158,500	163,200	168,100	10,805,700
Open Space Acquisition & Development											
Open Space Acquisition and Develop.	250,000	1,250,000	750,000	750,000	1,150,000	1,170,000	1,170,000	1,170,000	1,170,000	1,170,000	10,000,000
Open Space Acquisition & Development Total	250,000	1,250,000	750,000	750,000	1,150,000	1,170,000	1,170,000	1,170,000	1,170,000	1,170,000	10,000,000
Park Maintenance & Improvements											
Americans with Disabilities Act (ADA) Requirements	103,000	106,300	109,400	112,700	116,000	131,500	135,300	139,600	143,600	148,000	1,245,400
Athletic Field Improvements (incl. Synthetic Turf)	3,200,000	13,500,000	2,063,800	770,900	812,300	672,100	1,475,400	1,416,800	727,400	749,300	25,388,000
Ball Court Renovations	154,500	159,200	164,100	169,000	174,000	194,200	203,100	209,200	215,500	222,000	1,864,800
Cameron Run Regional Park Feasibility Study	0	0	0	281,400	0	0	0	0	0	0	281,400
Community Matching Fund	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,000,000
Dora Kelley Trail Repairs	0	0	0	0	0	0	0	0	0	0	0
Four Mile Run Park	0	0	0	0	1,266,900	583,500	20,157,100	0	0	0	22,007,500
Four Mile Run Urban Deck	0	0	0	0	0	0	0	0	0	0	0
Holmes Run Trail Repairs	5,000,000	0	0	0	0	0	0	0	0	0	5,000,000
Park Renovations CFMP	423,600	441,500	454,700	468,400	482,400	547,100	553,600	570,200	587,300	604,900	5,133,700
Patrick Henry Turf Fields and Recreation Center	0	2,363,600	0	0	0	0	0	0	0	0	2,363,600
Pavement in Parks	200,000	275,000	290,000	290,000	240,000	275,000	275,000	275,000	275,000	275,000	2,670,000
Playground Renovations CFMP	1,010,400	1,060,300	1,071,900	1,104,100	1,137,200	954,500	983,200	1,012,700	1,043,100	1,074,400	10,451,800
Restroom Renovations	0	0	0	0	0	657,700	572,000	686,800	602,000	620,100	3,138,600
Shared-Use Paths	150,000	250,000	150,000	0	150,000	0	0	0	0	150,000	850,000
Soft Surface Trails	123,700	124,400	131,300	135,300	139,300	143,400	147,700	152,300	156,700	161,500	1,415,600
Tree & Shrub Capital Maintenance	373,800	260,900	356,400	367,100	378,000	430,100	442,800	456,200	469,900	484,000	4,019,200
Water Management & Irrigation	131,900	135,900	140,000	144,300	148,500	167,400	172,400	177,500	182,800	188,300	1,589,000
Waterfront Parks CFMP	66,000	53,300	54,800	56,500	58,000	65,800	67,700	69,800	71,900	74,000	637,800
Windmill Hill Park Improvements	0	5,646,100	0	0	0	0	0	0	0	0	5,646,100
Park Maintenance & Improvements Total	11,136,900	24,576,500	5,186,400	4,099,700	5,302,600	5,022,300	25,385,300	5,366,100	4,675,200	4,951,500	95,702,500
Recreation Facility Maintenance											
Chinquapin Recreation Center CFMP	203,000	203,900	253,200	957,500	340,800	263,000	234,400	646,200	715,300	736,800	4,554,100
City Marina Maintenance	46,400	47,900	49,300	50,800	52,200	77,700	80,000	82,500	84,900	87,400	659,100
Proactive Maintenance of the Urban Forest	206,000	212,200	218,600	225,200	231,900	238,900	246,000	253,400	261,000	268,800	2,362,000
Recreation Centers CFMP	106,300	177,400	148,500	211,200	1,038,300	1,673,000	1,271,600	2,699,200	4,204,800	4,202,800	15,733,100
Recreation Facility Maintenance Total	561,700	641,400	669,600	1,444,700	1,663,200	2,252,600	1,832,000	3,681,300	5,266,000	5,295,800	23,308,300
Renovated or New Recreation Facilities											
Braddock Area Plan Park	0	0	0	0	0	0	0	0	3,710,800	0	3,710,800
Citywide Parks Improvements Plan	0	637,800	0	0	32,000	500,000	0	1,000,000	500,000	500,000	3,169,800
Douglas MacArthur School - Recreation & Parks Programming Space	0	0	0	0	0	0	0	0	0	0	0
Fort Ward Management Plan Implementation	0	320,000	0	200,000	0	200,000	0	200,000	0	200,000	1,120,000
Torpedo Factory Art Center Revitalization	845,000	145,000	50,000	50,000	350,000	50,000	50,000	50,000	50,000	50,000	1,690,000
Renovated or New Recreation Facilities Total	845,000	1,102,800	50,000	250,000	382,000	750,000	50,000	1,250,000	4,260,800	750,000	9,690,600
Recreation & Parks Total	13,308,400	28,204,300	15,362,200	6,653,800	8,610,300	9,310,900	28,560,700	11,625,900	15,535,200	12,335,400	149,507,100

NEIGHBORHOOD POOL DEMOLITION/CONVERSION

DOCUMENT SUBSECTION:	Aquatics Facilities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,083,259**	**622,259**	**461,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**461,000**
Financing Plan													
Cash Capital	600,000	600,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	461,000	0	461,000	0	0	0	0	0	0	0	0	0	461,000
Private Capital Contributions	22,259	22,259	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,083,259**	**622,259**	**461,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**461,000**
Operating Impact	291,700	0	0	0	32,800	33,800	34,800	35,800	36,900	38,000	39,200	40,400	291,700

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 Nannie J. Lee Pool is anticipated to be demolished and and the space made available for other recreational purposes. 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	PROJECT LOCATION:	1609 Cameron Street
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Braddock Road Metro
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**9,130,500**	**0**	**0**	**530,500**	**8,600,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**9,130,500**
Financing Plan													
GO Bonds	9,130,500	0	0	530,500	8,600,000	0	0	0	0	0	0	0	9,130,500
Financing Plan Total	**9,130,500**	**0**	**0**	**530,500**	**8,600,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**9,130,500**
Operating Impact	853,500	0	0	0	0	0	0	170,700	170,700	170,700	170,700	170,700	853,500

CHANGES FROM PRIOR YEAR CIP

Changes Project title from Old Town Pool Renovations to Old Town Pool.

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 2024.

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 determined through the project's design process.

PUBLIC POOLS

DOCUMENT SUBSECTION:	Aquatics Facilities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,577,314**	**1,363,114**	**53,800**	**103,100**	**106,200**	**109,400**	**112,500**	**116,000**	**123,400**	**158,500**	**163,200**	**168,100**	**1,214,200**
Financing Plan													
Cash Capital	2,433,701	1,219,501	53,800	103,100	106,200	109,400	112,500	116,000	123,400	158,500	163,200	168,100	1,214,200
GO Bond Interest Earnings	49,613	49,613	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	67,000	67,000	0	0	0	0	0	0	0	0	0	0	0
Sale of Property Revenue	27,000	27,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**2,577,314**	**1,363,114**	**53,800**	**103,100**	**106,200**	**109,400**	**112,500**	**116,000**	**123,400**	**158,500**	**163,200**	**168,100**	**1,214,200**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 study and report was completed for Old Town Pool. A similar study of the Rixse Pool at Chinquapin was completed in December 2019. A list of projects to be completed in FY 2022 – 2024 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 Bienniel 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 Stategic 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Pool Pump Reconditioning (all sites)	$3,000
Memorial Pool Electrical Repairs	$10,000
Chinquapin Locker Room Repairs	$7,200
Chinquapin Pool Safety and Code Upgrades	$8,100
Chinquapin Plumbing Repairs	$4,000
Chinquapin Modulating Float Valve	$5,000
Chinquapin Low Voltage Automatic Fill Sensor	$1,200
Emergency Repairs	$15,300
Total Fiscal Year 2022	**$53,800**

Fiscal Year 2023	
Description	Amount
Replace Chinquapin Diving Board	$30,000
Memorial Pool Staff Office Air Conditioner	$2,000
Water Chemistry Controller Replacements (all sites)	$17,000
Memorial Pool Lane Lines, Backstroke Flags, and Lane Reel Replacement	$10,000
Chinquapin Pool UV System Replacement	$33,000
Emergency Repairs	$11,100
Total Fiscal Year 2023	**$103,100**

Fiscal Year 2024	
Description	Amount
Memorial Pool Cover Replacement	$5,000
Memorial Pool Plumbing Repairs	$10,000
Warwick Pool Lane Line Replacement	$15,000
Warwick Pool Cover Replacement	$20,000
Chinquapin Electrical Repairs	$10,000
Old Town Pool Lane Lines, Backstroke Flags and Lane Reel Replacement	$17,500
Chinquapin Pool Lane Lines, Backstroke Flags and Lane Reel Replacement	$17,500
Emergency Repairs	$11,200
Total Fiscal Year 2024	**$106,200**

OPEN SPACE ACQUISITION AND DEVELOPMENT

DOCUMENT SUBSECTION:	Open Space Acquisition & Development	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**29,951,863**	**19,951,863**	**250,000**	**1,250,000**	**750,000**	**750,000**	**1,150,000**	**1,170,000**	**1,170,000**	**1,170,000**	**1,170,000**	**1,170,000**	**10,000,000**
Financing Plan													
Cash Capital	9,234,430	9,234,430	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	20,063,409	10,063,409	250,000	1,250,000	750,000	750,000	1,150,000	1,170,000	1,170,000	1,170,000	1,170,000	1,170,000	10,000,000
Other City Sources	441,373	441,373	0	0	0	0	0	0	0	0	0	0	0
Prior Capital Funding	2,520	2,520	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	23,558	23,558	0	0	0	0	0	0	0	0	0	0	0
Sale of Property Revenue	186,573	186,573	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**29,951,863**	**19,951,863**	**250,000**	**1,250,000**	**750,000**	**750,000**	**1,150,000**	**1,170,000**	**1,170,000**	**1,170,000**	**1,170,000**	**1,170,000**	**10,000,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $500,000 moved from FY 2022 to FY 2023, to better align with projected open space acquisition and development needs. Funding added to project for FY 2031.

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 & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 2: Inclusive City	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,739,213**	**1,493,813**	**103,000**	**106,300**	**109,400**	**112,700**	**116,000**	**131,500**	**135,300**	**139,600**	**143,600**	**148,000**	**1,245,400**
Financing Plan													
Cash Capital	2,547,650	1,302,250	103,000	106,300	109,400	112,700	116,000	131,500	135,300	139,600	143,600	148,000	1,245,400
GO Bond Interest Earnings	77,563	77,563	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	114,000	114,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**2,739,213**	**1,493,813**	**103,000**	**106,300**	**109,400**	**112,700**	**116,000**	**131,500**	**135,300**	**139,600**	**143,600**	**148,000**	**1,245,400**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 2022 - 2024 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 Cutlural Activities Strategic Plan (2018-2023)

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

ADA Requirements (continued)

ADA Requirements FY 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Hensley Park ADA Ramp	$93,000
Emergency Repairs	$10,000
Total Fiscal Year 2022	**$103,000**

Fiscal Year 2023	
Description	Amount
Lee Center Access Improvements	$60,000
Pocket Parks Access Improvements	$43,000
Emergency Repairs	$3,300
Total Fiscal Year 2023	**$106,300**

Fiscal Year 2024	
Description	Amount
Beach Park Access Improvements	$30,000
Stevenson Park Access Improvements	$43,000
Pocket Parks Access Improvements	$26,000
Emergency Repairs	$10,400
Total Fiscal Year 2024	**$109,400**

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
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**35,326,875**	**9,938,875**	**3,200,000**	**13,500,000**	**2,063,800**	**770,900**	**812,300**	**672,100**	**1,475,400**	**1,416,800**	**727,400**	**749,300**	**25,388,000**
Financing Plan													
Cash Capital	1,792,676	1,792,676	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	33,169,199	7,781,199	3,200,000	13,500,000	2,063,800	770,900	812,300	672,100	1,475,400	1,416,800	727,400	749,300	25,388,000
Prior Capital Funding	165,000	165,000	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	200,000	200,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**35,326,875**	**9,938,875**	**3,200,000**	**13,500,000**	**2,063,800**	**770,900**	**812,300**	**672,100**	**1,475,400**	**1,416,800**	**727,400**	**749,300**	**25,388,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $3.2 million added by City Council to project for FY 2022, to implement the first phase of improvements at Hensley Park. Funding also added to project for FY 2031.

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 FY 2022 will be added to the current Hensley Park Renovation Phase I project, funded in previous fiscal years. This project will implement the first phase of improvements at Hensley Park, approved in March 2021 by the Planning Commission (DSP 2020-00027). Funding is included in FY 2023 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 and storage structure) per the 2014 Citywide Parks Improvements Plan. The design phase for this project is funded through previous years' appropriations and will begin in FY 2022.

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 and anticipated to be complete 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

No additional operating impacts identified at this time.

BALL COURT RENOVATIONS

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**4,160,113**	**2,295,313**	**154,500**	**159,200**	**164,100**	**169,000**	**174,000**	**194,200**	**203,100**	**209,200**	**215,500**	**222,000**	**1,864,800**
Financing Plan													
Cash Capital	1,053,500	1,053,500	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	150,000	150,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	2,956,613	1,091,813	154,500	159,200	164,100	169,000	174,000	194,200	203,100	209,200	215,500	222,000	1,864,800
Financing Plan Total	**4,160,113**	**2,295,313**	**154,500**	**159,200**	**164,100**	**169,000**	**174,000**	**194,200**	**203,100**	**209,200**	**215,500**	**222,000**	**1,864,800**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Boothe Park Tennis Court Renovation	$40,000
Lee Center Tennis Court Lighting Replacement	$100,000
Structural Study	$10,000
Emergency Repairs	$4,500
Total Fiscal Year 2022	**$154,500**

Fiscal Year 2023	
Description	Amount
Lee Center Basketball Court Lighting Replacement	$100,000
Lee Center Tennis Court Renovation	$44,000
Emergency Repairs	$15,200
Total Fiscal Year 2023	**$159,200**

Fiscal Year 2024	
Description	Amount
Windmill Hill Basketball Court Renovation	$20,000
Montgomery Park Tennis Court Renovation	$50,000
Chambliss Park Tennis Court Renovation	$40,000
Stevenson Park Basketball Court Renovation	$20,000
Angel Park Basketball Court Renovation	$20,000
Emergency Repairs	$14,100
Total Fiscal Year 2024	**$164,100**

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
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**281,400**	**0**	**0**	**0**	**0**	**281,400**	**0**	**0**	**0**	**0**	**0**	**0**	**281,400**
Financing Plan													
Cash Capital	281,400	0	0	0	0	281,400	0	0	0	0	0	0	281,400
Financing Plan Total	**281,400**	**0**	**0**	**0**	**0**	**281,400**	**0**	**0**	**0**	**0**	**0**	**0**	**281,400**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Project funding originally planned for FY 2022 has been eliminated; funding for project in FY 2025 aligns with current project schedule and needs.

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 2017 Planning Process and Conceptual Plans 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 would 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.

COMMUNITY MATCHING FUND

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,712,741**	**712,741**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**2,000,000**
Financing Plan													
Cash Capital	1,327,382	327,382	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
GO Bonds	47,618	47,618	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	1,337,741	337,741	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Financing Plan Total	**2,712,741**	**712,741**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**2,000,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding originally deferred to FY 2022 due to the COVID-19 pandemic ($75,000) was removed from the project. Funding added to project for FY 2031.

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 annually compete for grant aid amounts up to $25,000, allowing a minimum of four selected proposals each year.

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, 16 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 progammatic 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 needs.

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.

FOUR MILE RUN PARK

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	3700 Commonwealth Avenue
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Potomac West
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**22,007,500**	**0**	**0**	**0**	**0**	**0**	**1,266,900**	**583,500**	**20,157,100**	**0**	**0**	**0**	**22,007,500**
Financing Plan													
GO Bonds	22,007,500	0	0	0	0	0	1,266,900	583,500	20,157,100	0	0	0	22,007,500
Financing Plan Total	**22,007,500**	**0**	**0**	**0**	**0**	**0**	**1,266,900**	**583,500**	**20,157,100**	**0**	**0**	**0**	**22,007,500**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding for this project was pushed back one year to align with Alexandria City Public Schools planning and design efforts for the replacement of Cora Kelly Elementary School.

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.

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
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**6,000,000**	**1,000,000**	**5,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5,000,000**
Financing Plan													
GO Bonds	5,000,000	1,000,000	4,000,000	0	0	0	0	0	0	0	0	0	4,000,000
State/Federal Grants (Unsecured)	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of CIP Designated Fund Balance	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
Financing Plan Total	**6,000,000**	**1,000,000**	**5,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5,000,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding sources for this project updated. City will no longer receive $1.9 million in State/Federal Grants. There is no change in spending level budgeted.

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 access ramp and embankment to the stream crossing at Ripley Street (Holmes Run Scenic Greenway); and,
- Repair of trail bridge support structure 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); Neighborhood Parks Improvements Plan (2016)

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
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**10,785,548**	**5,651,848**	**423,600**	**441,500**	**454,700**	**468,400**	**482,400**	**547,100**	**553,600**	**570,200**	**587,300**	**604,900**	**5,133,700**
Financing Plan													
Cash Capital	3,867,448	2,543,848	423,600	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,323,600
GO Bond Interest Earnings	420,000	420,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	6,481,100	2,671,000	0	341,500	354,700	368,400	382,400	447,100	453,600	470,200	487,300	504,900	3,810,100
Private Capital Contributions	17,000	17,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**10,785,548**	**5,651,848**	**423,600**	**441,500**	**454,700**	**468,400**	**482,400**	**547,100**	**553,600**	**570,200**	**587,300**	**604,900**	**5,133,700**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 2022 - 2024 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."

This project includes escalation each year to support state of good repair projects. Approximately nine percent (9%) 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Mount Jefferson Park Improvements	$80,000
Ewald Site Plan and Design	$240,000
Powhatan Park Improvements	$20,060
Braddock and Commonwealth Park Drainage Improvements	$20,000
Emergency Projects	$63,540
Total Fiscal Year 2022	**$423,600**

Fiscal Year 2023	
Description	Amount
Beach Park Renovation	$185,000
Timberland Park Improvements	$73,000
Ewald Park Improvements	$100,000
Potomac Yard Park LED Replacements	$4,000
Charles Hill Park Drainage Improvements	$15,000
Emergency Projects	$64,500
Total Fiscal Year 2023	**$441,500**

Fiscal Year 2024	
Description	Amount
Montgomery Park Renovatin	$282,500
Neighborhood Park Sign Plan Implementation	$60,000
Potomac Yard Park and Waterfront Parks LED Replacements	$12,000
Gentry Park Improvements	$21,000
St. Asaph Street Drainage Improvements	$34,000
Emergency Projects	$45,200
Total Fiscal Year 2024	**$454,700**

PATRICK HENRY SYNTHETIC TURF FIELD AND OUTDOOR PLAY FEATURES

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	4653 Taney Avenue
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Seminary Hill
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,363,600**	**0**	**0**	**2,363,600**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2,363,600**
Financing Plan													
GO Bonds	2,363,600	0	0	2,363,600	0	0	0	0	0	0	0	0	2,363,600
Financing Plan Total	**2,363,600**	**0**	**0**	**2,363,600**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2,363,600**
Operating Impact	31,100	0	0	0	3,500	3,600	3,700	3,800	3,900	4,100	4,200	4,300	31,100

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 infill system turf field to replace two natural grass 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. Athletic field lights are not included in this project. This project also contemplates community uses that include one intermediate age playground and site fitness equipment to replace those that will be displaced by school construction at the Patrick Henry site and the addition of a dedicated recreation center tot lot and school Pre-K playground. The large playground and site fitness equipment will need to meet community demands for site features upon completion of the new Patrick Henry Recreation Center and K-8 school. This project is coordinated with the recreation center and school construction to achieve economic benefits and reduce the impacts to the community. 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.

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 Douglass MacArthur Elementary School. The swing space will remain in place through January 2023 until such time as the new Douglass 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.

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

Estimated costs of periodic grooming, inspections, and repairs, consistent with other field assets in the City.

PAVEMENT IN PARKS

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**3,620,000**	**950,000**	**200,000**	**275,000**	**290,000**	**290,000**	**240,000**	**275,000**	**275,000**	**275,000**	**275,000**	**275,000**	**2,670,000**
Financing Plan													
Cash Capital	62,000	62,000	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	200,000	200,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	3,358,000	688,000	200,000	275,000	290,000	290,000	240,000	275,000	275,000	275,000	275,000	275,000	2,670,000
Financing Plan Total	**3,620,000**	**950,000**	**200,000**	**275,000**	**290,000**	**290,000**	**240,000**	**275,000**	**275,000**	**275,000**	**275,000**	**275,000**	**2,670,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Due to COVID-19 pandemic, prior year funding for this project was reduced by $150,000. This funding has been restored to the project, adding $50,000 to Fiscal Years 2023, 2024 and 2025. Funding added to project for FY 2031.

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 2022 – FY 2024.

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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Hensley Park Permeable Pavement	$200,000
Total Fiscal Year 2022	**$200,000**

Fiscal Year 2023	
Description	Amount
Eugene Simpson Stadium Park Parking Lot Renovation	$225,000
Emergency Repairs	$50,000
Total Fiscal Year 2023	**$275,000**

Fiscal Year 2024	
Description	Amount
Stevenson Park Parking Lot	$228,000
Pavement Condition Index	$35,000
Emergency Repairs	$27,000
Total Fiscal Year 2024	**$290,000**

PLAYGROUND RENOVATIONS CFMP

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**17,353,428**	**6,901,628**	**1,010,400**	**1,060,300**	**1,071,900**	**1,104,100**	**1,137,200**	**954,500**	**983,200**	**1,012,700**	**1,043,100**	**1,074,400**	**10,451,800**
Financing Plan													
Cash Capital	3,804,952	3,699,952	105,000	0	0	0	0	0	0	0	0	0	105,000
GO Bond Interest Earnings	574,813	574,813	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	12,773,663	2,426,863	905,400	1,060,300	1,071,900	1,104,100	1,137,200	954,500	983,200	1,012,700	1,043,100	1,074,400	10,346,800
State/Federal Grants	200,000	200,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**17,353,428**	**6,901,628**	**1,010,400**	**1,060,300**	**1,071,900**	**1,104,100**	**1,137,200**	**954,500**	**983,200**	**1,012,700**	**1,043,100**	**1,074,400**	**10,451,800**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 2022 – 2024 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Chinquapin Park Playground Construction	$700,000
Powhatan Park Play Area Improvements	$259,880
Emergency Repairs	$50,520
Total Fiscal Year 2022	**$1,010,400**

Fiscal Year 2023	
Description	Amount
Ewald Park Playground Renovation	$657,285
Safety Surface Replacement Projects	$150,000
Neighborhood Park Playground Improvements	$100,000
Pocket Park Playground Improvements	$100,000
Emergency Repairs	$53,015
Total Fiscal Year 2023	**$1,060,300**

Fiscal Year 2024	
Description	Amount
Montgomery Park Playground Renovation	$878,000
Armory Tot Lot Design	$133,000
Emergency Repairs	$60,900
Total Fiscal Year 2024	**$1,071,900**

RESTROOM RENOVATIONS

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**4,248,600**	**1,110,000**	**0**	**0**	**0**	**0**	**0**	**657,700**	**572,000**	**686,800**	**602,000**	**620,100**	**3,138,600**
Financing Plan													
Cash Capital	92,000	92,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	4,156,600	1,018,000	0	0	0	0	0	657,700	572,000	686,800	602,000	620,100	3,138,600
Financing Plan Total	**4,248,600**	**1,110,000**	**0**	**0**	**0**	**0**	**0**	**657,700**	**572,000**	**686,800**	**602,000**	**620,100**	**3,138,600**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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.

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
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,641,357**	**791,357**	**150,000**	**250,000**	**150,000**	**0**	**150,000**	**0**	**0**	**0**	**0**	**150,000**	**850,000**
Financing Plan													
Cash Capital	1,246,000	396,000	150,000	250,000	150,000	0	150,000	0	0	0	0	150,000	850,000
GO Bonds	395,357	395,357	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,641,357**	**791,357**	**150,000**	**250,000**	**150,000**	**0**	**150,000**	**0**	**0**	**0**	**0**	**150,000**	**850,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Due to FY 2021 funding reductions in response to the COVID-19 public health emergency, funding for this project was reduced by $250,000. This funding has been restored to the project in FY 2023. Funding added to project for FY 2031.

PROJECT DESCRIPTION & JUSTIFICATION

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. This project funds reconstruction of existing shared-use paths as needed.

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.

The trails 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. Annual maintenance funding also 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 Beatley Bridge, Holmes Run Trail, and Mount Jefferson Trail in FY 2022.

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
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,802,587**	**1,386,987**	**123,700**	**124,400**	**131,300**	**135,300**	**139,300**	**143,400**	**147,700**	**152,300**	**156,700**	**161,500**	**1,415,600**
Financing Plan													
Cash Capital	1,147,332	1,147,332	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	120,000	120,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	1,475,600	60,000	123,700	124,400	131,300	135,300	139,300	143,400	147,700	152,300	156,700	161,500	1,415,600
Other City Sources	360	360	0	0	0	0	0	0	0	0	0	0	0
Prior Capital Funding	59,295	59,295	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**2,802,587**	**1,386,987**	**123,700**	**124,400**	**131,300**	**135,300**	**139,300**	**143,400**	**147,700**	**152,300**	**156,700**	**161,500**	**1,415,600**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 2022 – 2024. 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Simpson Park Trail Project	$88,600
Holmes Run Trail Erosion Control Project	$35,100
Total Fiscal Year 2022	**$123,700**

Fiscal Year 2023	
Description	Amount
Beach Park Walkway Improvements	$30,000
Flexipave Installation Repairs	$41,600
Pocket Park Walkway Projects	$40,000
Emergency Repairs	$12,800
Total Fiscal Year 2023	**$124,400**

Fiscal Year 2024	
Description	Amount
Mulligan Park Natural Trail Design	$100,000
Goat Hill Park Nature Trail	$18,000
Emergency Repairs	$13,300
Total Fiscal Year 2024	**$131,300**

TREE & SHRUB CAPITAL MAINTENANCE

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**9,400,685**	**5,381,485**	**373,800**	**260,900**	**356,400**	**367,100**	**378,000**	**430,100**	**442,800**	**456,200**	**469,900**	**484,000**	**4,019,200**
Financing Plan													
Cash Capital	7,754,855	3,735,655	373,800	260,900	356,400	367,100	378,000	430,100	442,800	456,200	469,900	484,000	4,019,200
GO Bond Interest Earnings	184,988	184,988	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	372,750	372,750	0	0	0	0	0	0	0	0	0	0	0
Other City Sources	51,425	51,425	0	0	0	0	0	0	0	0	0	0	0
Prior Capital Funding	1,021,667	1,021,667	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	10,000	10,000	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	5,000	5,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**9,400,685**	**5,381,485**	**373,800**	**260,900**	**356,400**	**367,100**	**378,000**	**430,100**	**442,800**	**456,200**	**469,900**	**484,000**	**4,019,200**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $40,000 added to FY 2022 to implement a dedicated program of tree well repairs and improvements. Funding added to project for FY 2031.

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 throughout the City. 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 387 trees per year for the next three years, based on the current average installed cost of $550 per tree (including those requiring establishment maintenance and irrigation). The projects listed are planned for FY 2022 – 2024, 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, and enhance the City's visual and environmental quality 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 & Shrub Capital Maintenance (continued)

Tree & Shrub Capital Maintenance FY 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Tree Planting	$213,000
Tree Well Repairs and Improvements	$40,000
Hensley Park Plantings and Invasive Species Removal	$120,800
Total Fiscal Year 2022	**$373,800**

Fiscal Year 2023	
Description	Amount
Tree Planting	$175,900
Luckett Field Plantings	$35,000
Hensley Park and Holmes Run Park Invasive Species Removal	$50,000
Total Fiscal Year 2023	**$260,900**

Fiscal Year 2024	
Description	Amount
Tree Planting	$213,000
Beach Park Vegetated Swales	$75,000
Beach Park Plantings	$10,000
Renovations of Median Landscapes	$30,000
Holmes Run Park Invasive Species Removal	$28,400
Total Fiscal Year 2024	**$356,400**

WATER MANAGEMENT & IRRIGATION

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**3,310,350**	**1,721,350**	**131,900**	**135,900**	**140,000**	**144,300**	**148,500**	**167,400**	**172,400**	**177,500**	**182,800**	**188,300**	**1,589,000**
Financing Plan													
Cash Capital	2,928,100	1,339,100	131,900	135,900	140,000	144,300	148,500	167,400	172,400	177,500	182,800	188,300	1,589,000
GO Bond Interest Earnings	234,369	234,369	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	94,881	94,881	0	0	0	0	0	0	0	0	0	0	0
Sale of Property Revenue	53,000	53,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**3,310,350**	**1,721,350**	**131,900**	**135,900**	**140,000**	**144,300**	**148,500**	**167,400**	**172,400**	**177,500**	**182,800**	**188,300**	**1,589,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 Phase I in FY 2017, 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 2022 – 2024 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.

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 & Irrigation (continued)

Water Management & Irrigation FY 2022 – FY 2024 Project List.

Fiscal Year 2022	
Description	Amount
Renovate Irrigation Systems in Eugene Simpson Stadium Park	$71,950
Standardize Irrigation Systems and Components in Planning District III	$59,950
Total Fiscal Year 2022	**$131,900**

Fiscal Year 2023	
Description	Amount
Renovate Irrigation System in Beach Park	$35,000
Install Irrigation System in Witter Fields Parking Lots and Open Spaces	$39,150
Standardize Irrigation Systems and Components in Planning District II	$61,750
Total Fiscal Year 2023	**$135,900**

Fiscal Year 2024	
Description	Amount
Standardize Irrigation Systems and Components in Planning District I	$62,000
Install Irrigation Systems at Recreation Center Entrances	$30,000
Upgrade Irrigation System at Luckett Field	$38,000
Emergency Repairs	$10,000
Total Fiscal Year 2024	**$140,000**

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
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**892,800**	**255,000**	**66,000**	**53,300**	**54,800**	**56,500**	**58,000**	**65,800**	**67,700**	**69,800**	**71,900**	**74,000**	**637,800**
Financing Plan													
Cash Capital	205,000	205,000	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	50,000	50,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	637,800	0	66,000	53,300	54,800	56,500	58,000	65,800	67,700	69,800	71,900	74,000	637,800
Financing Plan Total	**892,800**	**255,000**	**66,000**	**53,300**	**54,800**	**56,500**	**58,000**	**65,800**	**67,700**	**69,800**	**71,900**	**74,000**	**637,800**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 and 2017); 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Founders Park Light Planel Improvements	$10,000
Founders Park Drainage Improvements	$20,000
Point Lumley Furniture and Surfacing	$16,400
Windmill Hill Park Irrigation Phase II	$13,000
Emergency Repairs	$6,600
Total Fiscal Year 2022	**$66,000**

Fiscal Year 2023	
Description	Amount
Walkway Repairs	$37,900
Windmill Hill Park Wayfinding Signs	$10,000
Emergency Repairs	$5,400
Total Fiscal Year 2023	**$53,300**

Fiscal Year 2024	
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
Total Fiscal Year 2024	**$54,800**

WINDMILL HILL PARK IMPROVEMENTS

DOCUMENT SUBSECTION:	Park Maintenance & Improvements	PROJECT LOCATION:	501 South Union Street
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities & Department of Project Implementation	REPORTING AREA:	Old Town
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**12,655,100**	**7,009,000**	**0**	**5,646,100**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5,646,100**
Financing Plan													
Cash Capital	640,453	640,453	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	11,979,647	6,333,547	0	5,646,100	0	0	0	0	0	0	0	0	5,646,100
Private Capital Contributions	35,000	35,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**12,655,100**	**7,009,000**	**0**	**5,646,100**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5,646,100**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Due to FY 2021 funding reductions in response to the COVID-19 pandemic, funding for this project was reduced by $450,000. This funding has been restored to the project in FY 2023. Additionally, funding originally planned for FY 2022 was deferred to FY 2023 to align with current anticipated construction schedule.

PROJECT DESCRIPTION & JUSTIFICATION

This project consists of the complete replacement of the existing bulkhead at Windmill Hill Park with a Living Shoreline and other park improvements identified in the 2003 City Council approved Windmill Hill Park Master Plan. Progress to date includes 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. The northern pier design is complete. As part of the approved FY2021 budget, $450,000 of previously appropriated funding for the implementation of the pier was removed from the project as part of the approved recommended CIP deferrals. Subsequent capital investment plans will address the final timing, scope, and cost of restoring the deferred project funding.

Outstanding park improvements such as playground renovation and ADA improvements, consistent with the City Council approved Windmill Hill Park Plan, will be implemented as Phase II in FY 2022 (design) - FY 2024 (construction). 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 on the waterfront.

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	PROJECT LOCATION:	3210 King Street
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Taylor Run
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**8,464,595**	**3,910,495**	**203,000**	**203,900**	**253,200**	**957,500**	**340,800**	**263,000**	**234,400**	**646,200**	**715,300**	**736,800**	**4,554,100**
Financing Plan													
Cash Capital	884,795	884,795	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	7,579,800	3,025,700	203,000	203,900	253,200	957,500	340,800	263,000	234,400	646,200	715,300	736,800	4,554,100
Financing Plan Total	**8,464,595**	**3,910,495**	**203,000**	**203,900**	**253,200**	**957,500**	**340,800**	**263,000**	**234,400**	**646,200**	**715,300**	**736,800**	**4,554,100**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 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 2022- 2024 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 forth coming.

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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Interior Flooring Upgrades	$66,000
Exterior Stairway Improvements	$15,000
Access Ladder Upgrade	$3,700
Fencing Improvements	$10,000
Exterior Improvements	$31,000
Unexpected Capital Maintenance	$77,300
Total Fiscal Year 2022	**$203,000**

Fiscal Year 2023	
Description	Amount
Interior Improvements	$11,000
Floor Tile Improvements	$81,300
Interior Door Improvements	$15,000
Sprinkler Valve Replacement	$17,000
Unexpected Capital Maintenance	$79,600
Total Fiscal Year 2023	**$203,900**

Fiscal Year 2024	
Description	Amount
HVAC Improvements	$171,200
Unexpected Capital Maintenance	$82,000
Total Fiscal Year 2024	**$253,200**

CITY MARINA MAINTENANCE

DOCUMENT SUBSECTION:	Recreation Facility Maintenance	PROJECT LOCATION:	0 Cameron Street
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Old Town
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,014,713**	**1,355,613**	**46,400**	**47,900**	**49,300**	**50,800**	**52,200**	**77,700**	**80,000**	**82,500**	**84,900**	**87,400**	**659,100**
Financing Plan													
Cash Capital	1,555,100	896,000	46,400	47,900	49,300	50,800	52,200	77,700	80,000	82,500	84,900	87,400	659,100
GO Bonds	459,613	459,613	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**2,014,713**	**1,355,613**	**46,400**	**47,900**	**49,300**	**50,800**	**52,200**	**77,700**	**80,000**	**82,500**	**84,900**	**87,400**	**659,100**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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. Funding in FY 2020 through FY 2026 was reduced based on anticipated construction of flood mitigation projects as part of the Waterfront Plan Implementation.

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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Health, Safety and ADA Compliant Repairs	$10,350
Walkway, Lighting and Furniture Repairs	$15,450
Severe Weather and Utility Repairs	$20,600
Total Fiscal Year 2022	**$46,400**

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

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

PROACTIVE MAINTENANCE OF THE URBAN FOREST

DOCUMENT SUBSECTION:	Recreation Facility Maintenance	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,788,000**	**426,000**	**206,000**	**212,200**	**218,600**	**225,200**	**231,900**	**238,900**	**246,000**	**253,400**	**261,000**	**268,800**	**2,362,000**
Financing Plan													
Cash Capital	2,681,500	319,500	206,000	212,200	218,600	225,200	231,900	238,900	246,000	253,400	261,000	268,800	2,362,000
GO Bonds	106,500	106,500	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**2,788,000**	**426,000**	**206,000**	**212,200**	**218,600**	**225,200**	**231,900**	**238,900**	**246,000**	**253,400**	**261,000**	**268,800**	**2,362,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

PROJECT DESCRIPTION & JUSTIFICATION

Recommendation #39 of the Urban Forestry Master Plan (2009), approved by City Council, calls for the implementation of a rotational cycle for the maintenance of all established trees planted along City Streets, in parks, and on school grounds and other public properties. This project also supports the on-going Citywide Tree Inventory program that identifies needs and work priorities. Work is designed to remove dead limbs, eliminate broken/hanging limbs, evaluate the overall health of each tree, identify flaws/hazards/damage resulting from adjacent features/issues (e.g., sidewalks, roads, vehicle damage, etc.), and generally improve the health and potential lifespan of each tree. By improving the health of the City's trees, this program helps to achieve the City's tree canopy coverage goals. It also provides an opportunity to evaluate whether some trees are in declining health or otherwise present a need for removal before they fail. The goal is to protect the investment in the long-lived assets (trees) and reduce the need and costs for replacements. The project will allow staff to address a larger number of issues in a pro-active manner before they become problematic, rather than waiting until a limb or tree fails, potentially causing increased damage and inconvenience. A pro-active maintenance program will result in a more efficient process, reduced overall cost, and a better level of service for the City and its residents.

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 CENTERS CFMP AND PROGRAM SUPPORT

DOCUMENT SUBSECTION:	Recreation Facility Maintenance	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**22,632,936**	**6,899,836**	**106,300**	**177,400**	**148,500**	**211,200**	**1,038,300**	**1,673,000**	**1,271,600**	**2,699,200**	**4,204,800**	**4,202,800**	**15,733,100**
Financing Plan													
Cash Capital	2,463,736	2,463,736	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	75,000	75,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	20,094,200	4,361,100	106,300	177,400	148,500	211,200	1,038,300	1,673,000	1,271,600	2,699,200	4,204,800	4,202,800	15,733,100
Financing Plan Total	**22,632,936**	**6,899,836**	**106,300**	**177,400**	**148,500**	**211,200**	**1,038,300**	**1,673,000**	**1,271,600**	**2,699,200**	**4,204,800**	**4,202,800**	**15,733,100**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 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 2022 - 2024 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Four Mile Run Conservatory Center Exterior Painting	$18,600
Ramsay Recreation Water Heater Upgrade	$13,000
Unexpected Capital Maintenance	$74,700
Total Fiscal Year 2022	**$106,300**

Fiscal Year 2023	
Description	Amount
Colasanto Exterior Improvements	$16,000
Ramsay Emergency Lighting Upgrades	$44,500
Buddy Ford Emergency Lighting Upgrades	$19,000
Leonard Chick Armstrong HVAC Upgrade	$10,400
Leonard Chick Armstrong Water Fountain Upgrade	$7,000
Leonard Chick Armstrong Sink Upgrades	$4,500
Unexpected Capital Maintenance	$76,000
Total Fiscal Year 2023	**$177,400**

Fiscal Year 2024	
Description	Amount
Buddy Ford Water Heater Upgrades	$2,200
Charles Barrett HVAC Improvements	$12,000
Charles Barrett Lighting Improvements	$13,000
Four Mile Run Conservatory Center HVAC Improvements	$6,000
Four Mile Run Conservatory Center Exterior Lighting Upgrades	$18,000
Nannie J Lee Exit Sign Improvements	$17,000
Unexpected Capital Maintenance	$80,300
Total Fiscal Year 2024	**$148,500**

BRADDOCK AREA PLAN PARK

DOCUMENT SUBSECTION:	Renovated or New Recreation Facilities	PROJECT LOCATION:	600 North Henry Street
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Braddock Road Metro
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	ESTIMATE USEFUL LIFE:	Varies

Braddock Area Plan Park

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**6,257,007**	**2,546,207**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3,710,800**	**0**	**3,710,800**
Financing Plan													
Cash Capital	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	3,710,800	0	0	0	0	0	0	0	0	0	3,710,800	0	3,710,800
Prior Capital Funding	515,781	515,781	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	1,930,426	1,930,426	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**6,257,007**	**2,546,207**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3,710,800**	**0**	**3,710,800**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

This project will provide funding to assist in the implementation of the Braddock Metro Neighborhood and Braddock East Open Space/Park component of the plans to be funded by the City and developer contributions for open space. In 2016 the Departments of Recreation, Parks, and Cultural Activities (RPCA) and Planning and Zoning (P&Z), as well as the Braddock Implementation Advisory Group and Park and Recreation Commission completed a park planning process for the one acre Braddock Neighborhood Park, including the city-owned 600 N. Henry Street property. The park plan is intended to guide future redevelopment of the one block site that currently is home to the Wythe Street Post Office and interim public open space. City funding in this project will provide a 50/50 match for developer contributions per the 2008 Braddock Metro Neighborhood Plan and the 2009 Braddock Implementation Funds Policy. Since the balance of the proposed Braddock park land is owned by the United States Postal Service (USPS), any future land acquisition in this block will be contingent on USPS concurrence. USPS has indicated that they would only move (i.e. the mail sorting and distribution functions) from the Braddock area, if an alternative site can be found within the designated service delivery area.

Providing a new community recreational amenity and resource will strengthen connections between individual physical fitness and individual health. Supporting a mixed-use redevelopment project on this site, in addition to the creation of a new neighborhood park, may increase property values and tax revenues. Additionally, transforming an industrialized space into a park improves the health of the environment. This project will provide opportunities for children, youth, families and seniors to interact and engage in a safe "third place" - a place outside of work or home.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Braddock Metro Neighborhood Plan (2008); Braddock Implementation Funds Policy (2009); Braddock East Master Plan; Open Space Master Plan (2003, Updated 2017); Recreation, Parks, and Cultural Activities Strategic Plan (2018-2023); Eco-City Charter.

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

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
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**11,659,403**	**8,489,603**	**0**	**637,800**	**0**	**0**	**32,000**	**500,000**	**0**	**1,000,000**	**500,000**	**500,000**	**3,169,800**
Financing Plan													
Cash Capital	889,000	889,000	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	594,633	594,633	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	9,770,359	6,600,559	0	637,800	0	0	32,000	500,000	0	1,000,000	500,000	500,000	3,169,800
Private Capital Contributions	180,411	180,411	0	0	0	0	0	0	0	0	0	0	0
Sale of Property Revenue	225,000	225,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**11,659,403**	**8,489,603**	**0**	**637,800**	**0**	**0**	**32,000**	**500,000**	**0**	**1,000,000**	**500,000**	**500,000**	**3,169,800**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Due to FY 2021 funding reductions in response to the COVID-19 pandemic, funding for this project was reduced by $32,000. This funding has been restored to the project in FY 2026. Funding added to project for FY 2031.

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. Through recent community outreach, RPCA has prioritized the needs in each park.

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

Funding in FY 2023 will address Citywide Parks Improvements Plan recommendations in the Holmes Run Park Citywide Park Plan for the All Veterans Park Renovation. Additional funding will be needed after FY 2031 to complete the Citywide Parks 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
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,000,000**	**2,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
GO Bonds	2,000,000	2,000,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**2,000,000**	**2,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

Alexandria City Public Schools (ACPS) is in the design process for the new Douglas MacArthur K-5 Elementary School to be located on the current school property at 1101 Janneys Lane. Swing space at the old Patrick Henry Elementary School will be used by students until construction is complete. ACPS anticipates students will move into the new MacArthur school building in January 2023.

The new facility is proposed to be designed to include approximately 300 square feet of storage and 450 square feet of administrative space dedicated for Recreation program support. In addition, the elementary school gym is proposed to be expanded by 1,200 square feet to provide quality space for the Out of School Time Program and evening community programs. The outdoor amenities are proposed to 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 Facilities Master Plan

ADDITIONAL OPERATING IMPACTS

Additional operating impacts will be determined through the design process.

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
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,295,000**	**1,175,000**	**0**	**320,000**	**0**	**200,000**	**0**	**200,000**	**0**	**200,000**	**0**	**200,000**	**1,120,000**
Financing Plan													
Cash Capital	1,819,000	699,000	0	320,000	0	200,000	0	200,000	0	200,000	0	200,000	1,120,000
GO Bonds	476,000	476,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**2,295,000**	**1,175,000**	**0**	**320,000**	**0**	**200,000**	**0**	**200,000**	**0**	**200,000**	**0**	**200,000**	**1,120,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Due to FY 2021 funding reductions in response to the COVID-19 pandemic, $170,000 of funding for this project was deferred to FY 2022. This funding is now further deferred to FY 2023. Funding added to project for FY 2031.

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.

FY 2023 Funding:

- Phase II soft interpretive trail installation ($40,000)
- Mark and protect Civil War sites, "Fort Ward" Community sites, and burial sites ($40,000)
- Trail edge reinforcement ($40,000)
- Plant new trees with 2 year establishment guarantee ($50,000)
- Restroom renovation and ADA upgrades ($150,000)

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
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,060,000**	**370,000**	**845,000**	**145,000**	**50,000**	**50,000**	**350,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**1,690,000**
Financing Plan													
Cash Capital	2,060,000	370,000	845,000	145,000	50,000	50,000	350,000	50,000	50,000	50,000	50,000	50,000	1,690,000
Financing Plan Total	**2,060,000**	**370,000**	**845,000**	**145,000**	**50,000**	**50,000**	**350,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**1,690,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Due to FY 2021 funding reductions in response to the COVID-19 pandemic, $300,000 of funding for this project was deferred to FY 2022. This funding is now further deferred to FY 2026. Funding in the amount of $400,000 was added to FY 2022 and $95,000 to FY 2023 to execute first and third floor renovations, a structural assessment of the rooftop, and a space study. Funding added to project for FY 2031.

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.

In FY 2022, this project provides funding for implementation of Action Plan items including first and third floor renovations, a structural and options assessment of the rooftop, and the development of a space study, including a review of Archaeology Museum space needs.

This project provides a small annual funding stream to address minor on-going capital maintenance needs at the Torpedo Factory Art Center beginning in FY 2022. The Torpedo Factory Center 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 City's facilities. In some cases, the City'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.

The CFMP also provides for the scheduled capital maintenance needs such as painting and floor covering (carpet and tile) replacement; mechanical, electrical, plumbing systems and window replacements. 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. Maintenance keeps the building functioning properly, decreases costly repairs, and promotes a healthy environment.

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); Action Plan for Vibrancy and Sustainability at Torpedo Factory Art Center (anticipated 2021)

ADDITIONAL OPERATING IMPACTS

No additional operating impacts are anticipated at this time.

PUBLIC BUILDINGS

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Public Buildings											
General Government Facilities											
2355 Mill Road CFMP	0	496,600	298,500	827,200	268,500	274,600	301,700	287,000	861,300	887,200	4,502,600
Alexandria Transit - DASH CFMP	1,351,500	53,100	54,700	56,300	58,000	59,800	61,500	63,400	65,300	67,300	1,890,900
Capital Planning & Building Assessment (Condition Assessment)	100,000	0	100,000	0	150,000	0	150,000	0	150,000	0	650,000
City Hall Renovation and HVAC Replacement	3,800,000	4,200,000	51,400,000	4,400,000	0	0	0	0	0	0	63,800,000
City Hall Swing Space	0	239,700	6,649,700	1,572,000	0	0	0	0	0	0	8,461,400
Emergency Power Systems	142,800	807,800	527,100	617,000	287,000	32,900	33,900	34,900	518,000	533,600	3,535,000
Energy Management Program	767,200	1,358,100	1,584,600	1,373,600	746,600	768,900	790,300	812,800	835,300	859,000	9,896,400
Fleet Building CFMP	634,000	526,400	744,000	569,500	1,612,200	886,400	609,600	1,098,300	1,016,900	1,016,900	8,714,200
Gadsby's Tavern Restaurant Equipment	0	245,000	0	0	0	0	0	0	0	0	245,000
General Services CFMP	360,500	1,616,500	1,625,300	1,075,000	1,659,100	1,550,100	1,174,700	1,209,900	1,246,200	1,246,200	12,763,500
Lee Center CFMP	96,800	114,900	117,500	158,000	505,600	125,600	148,500	131,300	464,700	478,700	2,341,600
Market Square Plaza and Garage Structural Repairs	8,861,800	0	0	0	0	0	0	0	0	0	8,861,800
Parking Garages CFMP	10,300	10,700	11,000	11,300	11,600	12,000	12,300	12,700	13,100	13,500	118,500
Roof Replacement Program	366,000	31,600	370,900	742,900	114,000	18,100	0	1,519,700	35,600	37,000	3,235,800
Union Station Improvements	0	250,000	TBD	TBD	TBD	0	0	0	0	0	250,000
Witter/Wheeler - Fuel Island Renovation	450,000	0	0	0	0	0	0	0	0	0	450,000
Witter/Wheeler Campus Funding Reservation	960,000	4,000,000	7,000,000	7,000,000	7,000,000	7,000,000	0	0	0	0	32,960,000
General Government Facilities Total	17,900,900	13,950,400	70,483,300	18,402,800	12,412,600	10,728,400	3,282,500	5,170,000	5,206,400	5,139,400	162,676,700
Library Facilities											
Beatley Building Envelope Restoration	0	0	0	0	0	0	0	0	0	0	0
Burke Branch Renovation	825,000	0	0	0	0	0	0	0	0	0	825,000
Library CFMP	104,200	49,600	61,300	807,400	983,100	2,806,800	4,768,100	5,850,700	5,754,200	5,754,700	26,940,100
Library Facilities Total	929,200	49,600	61,300	807,400	983,100	2,806,800	4,768,100	5,850,700	5,754,200	5,754,700	27,765,100
Preservation of Historic Facilities											
City Historic Facilities CFMP	2,332,600	1,362,700	2,444,600	4,528,200	3,050,100	2,042,800	2,229,500	2,803,400	4,215,600	4,215,600	29,225,100
Freedom House Museum Restoration	0	0	0	0	0	0	0	0	0	0	0
Preservation of Historic Facilities Total	2,332,600	1,362,700	2,444,600	4,528,200	3,050,100	2,042,800	2,229,500	2,803,400	4,215,600	4,215,600	29,225,100
Public Health & Welfare Facilities											
DCHS Consolidation and Co-Location	20,424,000	61,200,000	0	0	0	0	0	0	0	0	81,624,000
Health Department CFMP	155,300	6,111,700	12,100	12,400	0	0	0	0	0	0	6,291,500
Mental Health Residential Facilities CFMP	845,100	670,600	721,400	632,300	758,800	682,600	752,700	779,400	804,800	829,000	7,476,700
Public Health & Welfare Facilities Total	21,424,400	67,982,300	733,500	644,700	758,800	682,600	752,700	779,400	804,800	829,000	95,392,200
Public Safety Facilities											
Alexandria Police CFMP	214,500	584,000	164,000	168,900	173,900	179,200	184,500	190,100	195,800	200,900	2,255,800
Courthouse CFMP	0	116,700	2,120,200	123,900	127,600	131,400	135,300	139,400	143,600	139,400	3,177,500
Courthouse/PSC Security System Upgrade	0	0	0	0	0	0	0	0	5,300,700	0	5,300,700
Fire & Rescue CFMP	162,100	340,800	1,044,500	1,262,500	1,452,500	372,500	904,000	1,296,000	3,915,100	3,915,100	14,665,100
Fire Station 205 (Cameron Street)	0	0	0	0	0	0	0	0	0	0	0
Fire Station 207 (Duke Street)	0	0	5,051,800	3,927,100	12,857,300	0	0	0	0	0	21,836,200
Fire Station 208 Replacement	250,000	1,100,000	10,000,000	0	0	0	0	0	0	0	11,350,000
New Burn Building	0	2,288,800	0	0	0	0	0	0	0	0	2,288,800
Office of the Sheriff CFMP	2,833,500	4,796,000	2,217,300	2,818,700	1,802,700	127,600	131,400	135,300	139,400	139,400	15,141,300
Tactical Training Space	309,000	0	0	0	0	0	0	0	0	0	309,000
Vola Lawson Animal Shelter	41,200	42,500	133,000	148,100	269,100	900,000	1,223,300	241,700	271,800	280,000	3,550,700
Public Safety Facilities Total	3,810,300	9,268,800	20,730,800	8,449,200	16,683,100	1,710,700	2,578,500	2,002,500	9,966,400	4,674,800	79,875,100
Public Buildings Total	46,397,400	92,613,800	94,453,500	32,832,300	33,887,700	17,971,300	13,611,300	16,606,000	25,947,400	20,613,500	394,934,200

2355 MILL ROAD CFMP

DOCUMENT SUBSECTION:	General Government Facilities	PROJECT LOCATION:	2355 Mill Road
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Eisenhower East
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	Varies

2355 Mill Road CFMP

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**7,044,181**	**2,541,581**	**0**	**496,600**	**298,500**	**827,200**	**268,500**	**274,600**	**301,700**	**287,000**	**861,300**	**887,200**	**4,502,600**
Financing Plan													
Cash Capital	1,729,000	1,729,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	4,742,600	240,000	0	496,600	298,500	827,200	268,500	274,600	301,700	287,000	861,300	887,200	4,502,600
Prior Capital Funding	572,581	572,581	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**7,044,181**	**2,541,581**	**0**	**496,600**	**298,500**	**827,200**	**268,500**	**274,600**	**301,700**	**287,000**	**861,300**	**887,200**	**4,502,600**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding plan updated to reflect current project schedule and timing. Funding added to project for FY 2031.

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. A prioritized list of projects planned for FY 2022-2024 is included on the next page. A feasibility study is being conducted in FY 2021 that will prioritize projects for a renovation of the facility. 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:

- 2355 Mill Road

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

2355 Mill Road CFMP (continued)

2355 Mill Road CFMP FY 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
n/a	
Total Fiscal Year 2022	**$0**

Fiscal Year 2023	
Description	Amount
Phase 2 Projects	$496,600
Total Fiscal Year 2023	**$496,600**

Fiscal Year 2024	
Description	Amount
Phase 3 Projects	$298,500
Total Fiscal Year 2024	**$298,500**

ALEXANDRIA TRANSIT - DASH CFMP

DOCUMENT SUBSECTION:	General Government Facilities	PROJECT LOCATION:	3000 Business Center Drive
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	King Street Metro/Eisenhower
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	Varies

Alexandria Transit - DASH CFMP

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**4,133,605**	**2,242,705**	**1,351,500**	**53,100**	**54,700**	**56,300**	**58,000**	**59,800**	**61,500**	**63,400**	**65,300**	**67,300**	**1,890,900**
Financing Plan													
Cash Capital	460,850	460,850	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	402,155	402,155	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	3,270,600	1,379,700	1,351,500	53,100	54,700	56,300	58,000	59,800	61,500	63,400	65,300	67,300	1,890,900
Financing Plan Total	**4,133,605**	**2,242,705**	**1,351,500**	**53,100**	**54,700**	**56,300**	**58,000**	**59,800**	**61,500**	**63,400**	**65,300**	**67,300**	**1,890,900**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding sources for this project updated. There is no change in expenditure budget, however anticipated reimbursement from Federal Emergency Management Agency (FEMA) for repairs to in-ground bus lifts was not received. Instead, repairs will be funded using City funds. Funding added to project for FY 2031.

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 2022 - 2024 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:

- 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Unexpected Capital Maintenance	$51,500
In-ground Bus Lift Replacement	$1,300,000
Total Fiscal Year 2022	**$1,351,500**

Fiscal Year 2023	
Description	Amount
Unexpected Capital Maintenance	$53,100
Total Fiscal Year 2023	**$53,100**

Fiscal Year 2024	
Description	Amount
Unexpected Capital Maintenance	$54,700
Total Fiscal Year 2024	**$54,700**

CAPITAL PLANNING & FACILITY CONDITION ASSESSMENTS

DOCUMENT SUBSECTION:	General Government Facilities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	N/A

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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,036,000**	**1,386,000**	**100,000**	**0**	**100,000**	**0**	**150,000**	**0**	**150,000**	**0**	**150,000**	**0**	**650,000**
Financing Plan													
Cash Capital	2,036,000	1,386,000	100,000	0	100,000	0	150,000	0	150,000	0	150,000	0	650,000
Financing Plan Total	**2,036,000**	**1,386,000**	**100,000**	**0**	**100,000**	**0**	**150,000**	**0**	**150,000**	**0**	**150,000**	**0**	**650,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 & Building Assessment (continued)

Capital Planning & Building Assessment FY 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
VFA Facility Assessments	$100,000
Total Fiscal Year 2022	**$100,000**

Fiscal Year 2023	
Description	Amount
No Projects Scheduled	$0
Total Fiscal Year 2023	**$0**

Fiscal Year 2024	
Description	Amount
VFA Facility Assessments	$100,000
Total Fiscal Year 2024	**$100,000**

CITY HALL RENOVATION AND HVAC REPLACEMENT

DOCUMENT SUBSECTION:	General Government Facilities	PROJECT LOCATION:	Old Town
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	301 King St.
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	30+ Years

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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**73,150,000**	**9,350,000**	**3,800,000**	**4,200,000**	**51,400,000**	**4,400,000**	**0**	**0**	**0**	**0**	**0**	**0**	**63,800,000**
Financing Plan													
Cash Capital	4,550,000	2,550,000	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000
GO Bonds	68,600,000	6,800,000	1,800,000	4,200,000	51,400,000	4,400,000	0	0	0	0	0	0	61,800,000
Financing Plan Total	**73,150,000**	**9,350,000**	**3,800,000**	**4,200,000**	**51,400,000**	**4,400,000**	**0**	**0**	**0**	**0**	**0**	**0**	**63,800,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding plan updated to reflect current project schedule that is moved out by one year. Funding in the amount of $3.8 million added to FY 2022 to address high priority repairs and to continue exterior building renovations, including replacing windows, bricks, gutters, and downspouts.

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 work space and building operation, 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 work flow 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 is having the Workplace Standards Guidelines reviewed, amended and updated, advising how the City can maintain the best qualities and most workable features of the current 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 will remain. This will trigger a rethinking of office space use including how City Hall office space should be designed for this new future of work. These new guidelines will affect the design and layout of City Hall, thus pushing this project out one year. In the interim, work to the exterior of the building will be executed in FY 2022, including window replacements to improve air flow. 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.

CITY HALL SWING SPACE

DOCUMENT SUBSECTION:	General Government Facilities	PROJECT LOCATION:	301 King Street
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Old Town
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	Varies

City Hall Swing Space

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**8,461,400**	**0**	**0**	**239,700**	**6,649,700**	**1,572,000**	**0**	**0**	**0**	**0**	**0**	**0**	**8,461,400**
Financing Plan													
GO Bonds	8,461,400	0	0	239,700	6,649,700	1,572,000	0	0	0	0	0	0	8,461,400
Financing Plan Total	**8,461,400**	**0**	**0**	**239,700**	**6,649,700**	**1,572,000**	**0**	**0**	**0**	**0**	**0**	**0**	**8,461,400**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding plan updated to align with the new project schedule for City Hall renovations, which have been moved out by one year.

PROJECT DESCRIPTION & JUSTIFICATION

Interim leased 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 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 leased 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 leased facilities. The City is not currently planning to seek formal third-party verification for the short-term lease projects (e.g. LEED).

In response to the pandemic, the City is having the Workplace Standards Guidelines reviewed, amended and updated, advising how the City can maintain the best qualities and most workable features of the current 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 will remain. This will trigger a rethinking of office space use including how City Hall office space should be designed for this new future of work. These new guidelines will affect the design and layout of City Hall thus pushing this project out one year.

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.

EMERGENCY POWER SYSTEMS

DOCUMENT SUBSECTION:	General Government Facilities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	11 - 15 Years

Emergency Power Systems

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**6,842,000**	**3,307,000**	**142,800**	**807,800**	**527,100**	**617,000**	**287,000**	**32,900**	**33,900**	**34,900**	**518,000**	**533,600**	**3,535,000**
Financing Plan													
Cash Capital	795,000	795,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	6,047,000	2,512,000	142,800	807,800	527,100	617,000	287,000	32,900	33,900	34,900	518,000	533,600	3,535,000
Financing Plan Total	**6,842,000**	**3,307,000**	**142,800**	**807,800**	**527,100**	**617,000**	**287,000**	**32,900**	**33,900**	**34,900**	**518,000**	**533,600**	**3,535,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Due to FY 2021 funding reductions in response to the COVID-19 pandemic, funding for this project was reduced by $1.5 million. This funding has been restored to the project, adding $500,000 in Fiscal Years 2023, 2024, and 2025. Funding added to project for FY 2031.

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, reflective 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, 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Emergency Power Systems / UPS Replacement Planning, Design, Engineering, Construction (Various Facilities)	$142,800
Total Fiscal Year 2022	**$142,800**

Fiscal Year 2023	
Description	Amount
Emergency Power Systems / UPS Replacement Planning, Design, Engineering, Construction (Various Facilities)	$807,800
Total Fiscal Year 2023	**$807,800**

Fiscal Year 2024	
Description	Amount
Emergency Power Systems / UPS Replacement Planning, Design, Engineering, Construction (Various Facilities)	$527,100
Total Fiscal Year 2024	**$527,100**

ENERGY MANAGEMENT PROGRAM

DOCUMENT SUBSECTION:	General Government Facilities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	11 - 15 Years

Energy Management Program

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**15,260,252**	**5,363,852**	**767,200**	**1,358,100**	**1,584,600**	**1,373,600**	**746,600**	**768,900**	**790,300**	**812,800**	**835,300**	**859,000**	**9,896,400**
Financing Plan													
Cash Capital	6,425,440	1,920,540	257,000	420,000	433,000	447,000	387,900	478,000	494,000	511,000	529,000	548,000	4,504,900
GO Bond Interest Earnings	367,438	367,438	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	8,367,374	2,975,874	510,200	938,100	1,151,600	926,600	358,700	290,900	296,300	301,800	306,300	311,000	5,391,500
Prior Capital Funding	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**15,260,252**	**5,363,852**	**767,200**	**1,358,100**	**1,584,600**	**1,373,600**	**746,600**	**768,900**	**790,300**	**812,800**	**835,300**	**859,000**	**9,896,400**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Projects funding schedule has been updated to restore and reprogram project reductions and deferrals included in the Approved FY 2021 – FY 2030 CIP, as part of the City's response to the COVID-19 public health emergency. This restored funding has been added to FY 2023 – FY 2025. Funding added to project for FY 2031.

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 reducation goals. This project also supports achieving community energy and climate action targets and goals as appopriate. 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, 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 along 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. 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Energy Management Program Staffing (2.0 FTE)	$257,000
Strategic Energy Management Technology Implementation (Various Facilities - Lighting Retrofits, high-performance HVAC and H2O heating, BMS/control systems/metering , photovoltaic systems, demand response battery systems)	$510,200
Total Fiscal Year 2022	**$767,200**

Fiscal Year 2023	
Description	Amount
Energy Management Program Staffing (2.0 FTE)	$270,000
Strategic Energy Management Technology Implementation (Various Facilities - Lighting Retrofits, high-performance HVAC and H2O heating, BMS/control systems/metering , photovoltaic systems, demand response battery systems)	$1,088,100
Total Fiscal Year 2023	**$1,358,100**

Fiscal Year 2024	
Description	Amount
Energy Management Program Staffing (2.0 FTE)	$283,000
Strategic Energy Management Technology Implementation (Various Facilities - Lighting Retrofits, high-performance HVAC and H2O heating, BMS/control systems/metering , photovoltaic systems, demand response battery systems)	$1,301,600
Total Fiscal Year 2024	**$1,584,600**

FLEET BUILDING CFMP

DOCUMENT SUBSECTION:	General Government Facilities	PROJECT LOCATION:	3550 Wheeler Avenue
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Eisenhower East
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	Varies

Fleet Building CFMP

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**9,903,200**	**1,189,000**	**634,000**	**526,400**	**744,000**	**569,500**	**1,612,200**	**886,400**	**609,600**	**1,098,300**	**1,016,900**	**1,016,900**	**8,714,200**
Financing Plan													
Cash Capital	670,000	670,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	9,233,200	519,000	634,000	526,400	744,000	569,500	1,612,200	886,400	609,600	1,098,300	1,016,900	1,016,900	8,714,200
Financing Plan Total	**9,903,200**	**1,189,000**	**634,000**	**526,400**	**744,000**	**569,500**	**1,612,200**	**886,400**	**609,600**	**1,098,300**	**1,016,900**	**1,016,900**	**8,714,200**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 2022 - 2024 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Emergency Eyewash Stations	$21,000
HVAC Upgrades	$545,000
Unexpected Capital Maintenance	$68,000
Total Fiscal Year 2022	**$634,000**

Fiscal Year 2023	
Description	Amount
Parking Lot Repaving	$270,000
Overhead Door Upgrades	$186,000
Exhaust Fans Upgrades	$32,000
Unexpected Capital Maintenance	$38,400
Total Fiscal Year 2023	**$526,400**

Fiscal Year 2024	
Description	Amount
Restroom Upgrades	$345,000
Water Cooler Upgrades	$35,000
Utility Sink Upgrades	$68,000
Interior Finishes Upgrades	$250,000
Unexpected Capital Maintenance	$46,000
Total Fiscal Year 2024	**$744,000**

GADSBY'S TAVERN RESTAURANT EQUIPMENT

DOCUMENT SUBSECTION:	General Government Facilities	PROJECT LOCATION:	138 N Royal Street
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 1: Distinctive & Vibrant Neighborhoods	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**245,000**	**0**	**0**	**245,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**245,000**
Financing Plan													
Cash Capital	245,000	0	0	245,000	0	0	0	0	0	0	0	0	245,000
Financing Plan Total	**245,000**	**0**	**0**	**245,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**245,000**

CHANGES FROM PRIOR YEAR CIP

Due to FY 2021 funding reductions in response to the COVID-19 pandemic, funding for this project was reduced ($245,000). This funding has been restored to the project in FY 2023.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	Varies

General Services CFMP

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**30,389,972**	**17,626,472**	**360,500**	**1,616,500**	**1,625,300**	**1,075,000**	**1,659,100**	**1,550,100**	**1,174,700**	**1,209,900**	**1,246,200**	**1,246,200**	**12,763,500**
Financing Plan													
Cash Capital	16,187,553	8,989,453	360,500	100,000	100,000	100,000	1,182,800	1,550,100	1,174,700	1,209,900	1,246,200	173,900	7,198,100
GO Bond Interest Earnings	315,000	315,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	13,611,419	8,046,019	0	1,516,500	1,525,300	975,000	476,300	0	0	0	0	1,072,300	5,565,400
Prior Capital Funding	176,000	176,000	0	0	0	0	0	0	0	0	0	0	0
Sale of Property Revenue	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**30,389,972**	**17,626,472**	**360,500**	**1,616,500**	**1,625,300**	**1,075,000**	**1,659,100**	**1,550,100**	**1,174,700**	**1,209,900**	**1,246,200**	**1,246,200**	**12,763,500**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $1.2 million reduced from FY 2022, which had initially been programmed as a contingency for market response repairs and improvements. The need for this contingency will be revisited in the FY 2023 CIP development process. Funding added to project for FY 2031.

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 2022 - 2024 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.

General Services CFMP (continued)

General Services CFMP FY 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Unexpected Capital Maintenance	$360,500
Total Fiscal Year 2022	**$360,500**

Fiscal Year 2023	
Description	Amount
Unexpected Capital Maintenance	$371,400
Contingency Funding for Market Response Repairs & Improvements	$1,245,100
Total Fiscal Year 2023	**$1,616,500**

Fiscal Year 2024	
Description	Amount
Contingency Funding for Market Response Repairs & Improvements	$1,242,800
Unexpected Capital Maintenance	$382,500
Total Fiscal Year 2024	**$1,625,300**

LEE CENTER CFMP

DOCUMENT SUBSECTION:	General Government Facilities	PROJECT LOCATION:	1108 Jefferson Street
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Southwest Quandrant
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	Varies

Lee Center CFMP

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,341,600**	**0**	**96,800**	**114,900**	**117,500**	**158,000**	**505,600**	**125,600**	**148,500**	**131,300**	**464,700**	**478,700**	**2,341,600**
Financing Plan													
GO Bonds	2,341,600	0	96,800	114,900	117,500	158,000	505,600	125,600	148,500	131,300	464,700	478,700	2,341,600
Financing Plan Total	**2,341,600**	**0**	**96,800**	**114,900**	**117,500**	**158,000**	**505,600**	**125,600**	**148,500**	**131,300**	**464,700**	**478,700**	**2,341,600**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

PROJECT DESCRIPTION & JUSTIFICATION

The Lee 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 2022 - 2024 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:

- Lee Center
- Adult Day Care
- Fire Training Facility

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

Lee Center CFMP (continued)

Lee Center CFMP FY 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Lee Center Pump Renewals	$90,000
Unexpected Capital Maintenance	$6,800
Total Fiscal Year 2022	**$96,800**

Fiscal Year 2023	
Description	Amount
Fire Training Exit Sign Upgrades	$12,000
Adult Day Care Exit Sign Upgrades	$11,000
Lee Center HVAC Upgrades	$54,000
Fire Training HVAC Upgrades	$5,000
Water and Sanitary Line Study	$5,000
Unexpected Capital Maintenance	$27,900
Total Fiscal Year 2023	**$114,900**

Fiscal Year 2024	
Description	Amount
Lee Center HVAC Upgrades	$65,000
Adult Day Care HVAC Upgrades	$18,000
Unexpected Capital Maintenance	$34,500
Total Fiscal Year 2024	**$117,500**

MARKET SQUARE PLAZA AND GARAGE STRUCTURAL REPAIRS

DOCUMENT SUBSECTION:	General Government Facilities	PROJECT LOCATION:	301 King St.
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Old Town
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	30+ Years

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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**10,493,300**	**1,631,500**	**8,861,800**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8,861,800**
Financing Plan													
Cash Capital	190,000	190,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	10,303,300	1,441,500	8,861,800	0	0	0	0	0	0	0	0	0	8,861,800
Financing Plan Total	**10,493,300**	**1,631,500**	**8,861,800**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8,861,800**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 in FY 2022 will be used for 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.

PARKING GARAGES CFMP

DOCUMENT SUBSECTION:	General Government Facilities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	Varies

Parking Garages CFMP

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**128,500**	**10,000**	**10,300**	**10,700**	**11,000**	**11,300**	**11,600**	**12,000**	**12,300**	**12,700**	**13,100**	**13,500**	**118,500**
Financing Plan													
Cash Capital	128,500	10,000	10,300	10,700	11,000	11,300	11,600	12,000	12,300	12,700	13,100	13,500	118,500
Financing Plan Total	**128,500**	**10,000**	**10,300**	**10,700**	**11,000**	**11,300**	**11,600**	**12,000**	**12,300**	**12,700**	**13,100**	**13,500**	**118,500**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

PROJECT DESCRIPTION & JUSTIFICATION

The Parking Garages 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 2022-2024 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:

- Courthouse Garage
- Thompson Alley Garage
- 220 N Union Street Garage
- Market Square Garage

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

Parking Garages CFMP (continued)

Parking Garages CFMP FY 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Unexpected Capital Maintenance	$10,300
Total Fiscal Year 2022	**$10,300**

Fiscal Year 2023	
Description	Amount
Unexpected Capital Maintenance	$10,700
Total Fiscal Year 2023	**$10,700**

Fiscal Year 2024	
Description	Amount
Unexpected Capital Maintenance	$11,000
Total Fiscal Year 2024	**$11,000**

PREVENTATIVE MAINTENANCE SYSTEMS AND STAFFING STUDY

DOCUMENT SUBSECTION:	General Government Facilities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	N/A

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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**350,000**	**350,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	350,000	350,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**350,000**	**350,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

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 2022 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. It was 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. The study is in the procurement process.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	30+ Years

Roof Replacement Program

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**11,564,300**	**8,328,500**	**366,000**	**31,600**	**370,900**	**742,900**	**114,000**	**18,100**	**0**	**1,519,700**	**35,600**	**37,000**	**3,235,800**
Financing Plan													
Cash Capital	340,000	340,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	11,224,300	7,988,500	366,000	31,600	370,900	742,900	114,000	18,100	0	1,519,700	35,600	37,000	3,235,800
Financing Plan Total	**11,564,300**	**8,328,500**	**366,000**	**31,600**	**370,900**	**742,900**	**114,000**	**18,100**	**0**	**1,519,700**	**35,600**	**37,000**	**3,235,800**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 2022 - 2024 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
633 N Columbus Street	$40,000
Fire Station 204	$220,000
Fire Station 206	$20,000
Unexpected Capital Maintenance	$86,000
Total Fiscal Year 2022	**$366,000**

Fiscal Year 2023	
Description	Amount
522 E Windsor Avenue	$28,000
Unexpected Capital Maintenance	$3,600
Total Fiscal Year 2023	**$31,600**

Fiscal Year 2024	
Description	Amount
Bellefonte Gutter Replacements	$19,000
Lee Center Skylights	$55,000
Torpedo Factory Skylights	$20,000
Lee Center Gutter Replacements	$5,000
Colosanto Center Roof Replacement	$30,000
Unexpected Capital Maintenance	$241,900
Total Fiscal Year 2024	**$370,900**

UNION STATION IMPROVEMENTS

DOCUMENT SUBSECTION:	General Government Facilities	PROJECT LOCATION:	110 Callahan Drive
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	King Street Metro/Eisenhower Ave.
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**250,000**	**0**	**0**	**250,000**	**TBD**	**TBD**	**TBD**	**0**	**0**	**0**	**0**	**0**	**250,000**
Financing Plan													
Cash Capital	250,000	0	0	250,000	0	0	0	0	0	0	0	0	250,000
Financing Plan Total	**250,000**	**0**	**0**	**250,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**250,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding originally deferred to FY 2022 due to the COVID-19 pandemic ($250,000) was moved to FY 2023.

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 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 also be developed. Outside federal and state funding may possibly be available. 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	PROJECT LOCATION:	3400 Duke Street
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Seminary Hill
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	21 - 25 Years

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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,100,000**	**650,000**	**450,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**450,000**
Financing Plan													
Cash Capital	600,000	600,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	500,000	50,000	450,000	0	0	0	0	0	0	0	0	0	450,000
Financing Plan Total	**1,100,000**	**650,000**	**450,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**450,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $450,000 added to FY 2022 to repair underground storage tanks.

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.

In January 2021, the Virginia Department of Environmental Quality (VADEQ) began enforcing new testing requirements for underground storage tanks. A number of failures were noted during testing and need to be addressed and repaired in order to maintain compliance. The current allocated funding will be used for design and FY 2022 funding will be used for the needed repairs.

The original intent of this project, a full design and renovation, is now part of the Witter/Wheeler Campus project and 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
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	20+ Years

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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**33,306,000**	**346,000**	**960,000**	**4,000,000**	**7,000,000**	**7,000,000**	**7,000,000**	**7,000,000**	**0**	**0**	**0**	**0**	**32,960,000**
Financing Plan													
Cash Capital	1,170,000	210,000	960,000	0	0	0	0	0	0	0	0	0	960,000
GO Bonds	32,000,000	0	0	4,000,000	7,000,000	7,000,000	7,000,000	7,000,000	0	0	0	0	32,000,000
Prior Capital Funding	136,000	136,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**33,306,000**	**346,000**	**960,000**	**4,000,000**	**7,000,000**	**7,000,000**	**7,000,000**	**7,000,000**	**0**	**0**	**0**	**0**	**32,960,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $960,000 added to FY 2022 to begin the design of the multiphase construction project once a master plan has been completed and adopted.

PROJECT DESCRIPTION & JUSTIFICATION

In FY2019, 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 City needs, in addition to addressing the stormwater and traffic flow issues within the 54-acre City-owned area.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

BEATLEY BUILDING ENVELOPE RESTORATION

DOCUMENT SUBSECTION:	Library Facilities	PROJECT LOCATION:	5005 Duke St.
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Landmark/Van Dorn
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 7: Thriving Children & Youth	ESTIMATE USEFUL LIFE:	Varies

Beatley Building Envelope Restoration

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,701,300**	**1,701,300**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	80,000	80,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	1,621,300	1,621,300	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,701,300**	**1,701,300**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

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	PROJECT LOCATION:	4701 Seminary Rd
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Seminary Hill
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 7: Thriving Children & Youth	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**900,000**	**75,000**	**825,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**825,000**
Financing Plan													
Cash Capital	75,000	75,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	825,000	0	825,000	0	0	0	0	0	0	0	0	0	825,000
Financing Plan Total	**900,000**	**75,000**	**825,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**825,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

The 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 2022. 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	Varies

Library CFMP

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**29,522,035**	**2,581,935**	**104,200**	**49,600**	**61,300**	**807,400**	**983,100**	**2,806,800**	**4,768,100**	**5,850,700**	**5,754,200**	**5,754,700**	**26,940,100**
Financing Plan													
Cash Capital	1,631,435	1,631,435	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	27,890,600	950,500	104,200	49,600	61,300	807,400	983,100	2,806,800	4,768,100	5,850,700	5,754,200	5,754,700	26,940,100
Financing Plan Total	**29,522,035**	**2,581,935**	**104,200**	**49,600**	**61,300**	**807,400**	**983,100**	**2,806,800**	**4,768,100**	**5,850,700**	**5,754,200**	**5,754,700**	**26,940,100**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 2022 - 2024 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Duncan Library Fire Alarm Renewal	$96,000
Unexpected Capital Maintenance	$8,200
Total Fiscal Year 2022	**$104,200**

Fiscal Year 2023	
Description	Amount
Bealtey Library HVAC Upgrades	$45,000
Unexpected Capital Maintenance	$4,600
Total Fiscal Year 2023	**$49,600**

Fiscal Year 2024	
Description	Amount
Beatley Water Heater Upgrade	$28,000
Unexpected Capital Maintenance	$33,300
Total Fiscal Year 2024	**$61,300**

CITY HISTORIC FACILITIES CFMP

DOCUMENT SUBSECTION:	Preservation of Historic Facilities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	Varies

City Historic Facilities CFMP

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**40,794,210**	**11,569,110**	**2,332,600**	**1,362,700**	**2,444,600**	**4,528,200**	**3,050,100**	**2,042,800**	**2,229,500**	**2,803,400**	**4,215,600**	**4,215,600**	**29,225,100**
Financing Plan													
Cash Capital	9,435,162	3,064,162	875,000	0	0	0	0	452,000	1,775,900	199,100	3,069,000	0	6,371,000
GO Bond Interest Earnings	531,000	531,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	30,680,016	7,825,916	1,457,600	1,362,700	2,444,600	4,528,200	3,050,100	1,590,800	453,600	2,604,300	1,146,600	4,215,600	22,854,100
Prior Capital Funding	49,264	49,264	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	98,768	98,768	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**40,794,210**	**11,569,110**	**2,332,600**	**1,362,700**	**2,444,600**	**4,528,200**	**3,050,100**	**2,042,800**	**2,229,500**	**2,803,400**	**4,215,600**	**4,215,600**	**29,225,100**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $739,000 added to FY 2022 to upgrade the archives and records elevator and repair the Fort Ward gate. Funding added to project for FY 2031. Prior Year state grant funding in the amount of $2.443 million Freedom House Museum restorations moved to create a separate project in the FY 2022 – FY 2031 CIP.

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 2022 - 2024 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Gadsby's Complex Projects Phase 2	$500,000
Apothecary Museum Exterior Improvements	$22,000
Apothecary Museum Fire Alarm Upgrade	$8,000
Black History HVAC Upgrade	$60,000
Black History Emergency Lighting Upgrade	$18,000
Friendship Fire House Exterior Improvements	$16,000
Friendship Fire House Fire Alarm Upgrade	$17,000
Friendship Fire House Emergency Lighting Upgrade	$33,000
Ramsay House Exterior Improvements	$95,000
Watson Reading Room Exterior Improvements	$4,000
Watson Reading Room Water Heater Upgrade	$7,500
Watson Reading Room Emergency Lighting Upgrade	$5,000
Archives and Records Exterior Improvements	$88,000
Archives and Records Emergency Lighting Upgrade	$125,000
Fort Ward Exterior Improvements	$50,000
Fort Ward Water Heater Upgrade	$6,000
Lloyd House HVAC Upgrades	$243,000
Lloyd House Fire Alarm Upgrade	$46,000
Lloyd House Water Heater Upgrade	$7,500
Lyceum Exterior Improvements	$38,000
Lyceum Water Heater Upgrade	$6,000
Union Station Exterior Door Improvements	$55,000
Fort Ward Gate Repairs	$150,000
Archives and Records Elevator Upgrades	$589,000
Unexpected Capital Maintenance	$143,600
Total Fiscal Year 2022	**$2,332,600**

Fiscal Year 2023	
Description	Amount
Gadsby's Complex Projects Phase 3	$500,000
Fort Ward Earthen Rampart Walls	$650,000
Fort Ward Revetments	$71,000
Fort Ward Front Entrance Gate	$17,000
Unexpected Capital Maintenance	$124,700
Total Fiscal Year 2023	**$1,362,700**

Fiscal Year 2024	
Description	Amount
Gadsby's Complex Projects Phase 4	$1,000,000
Black History/Ft Ward/Lyceum Foundation and ADA Improvements	$80,000
Black History/Ft Ward Interior Improvements	$50,000
Black History Water Cooler Upgrades	$6,000
Reeder House Exterior/Interior Improvements	$460,000
Watson Reading Room Parking Lot Improvements	$10,000
Fort Ward Exterior Improvements	$35,000
Fort Ward Heat Pump Upgrade	$8,000
Lloyd House HVAC Upgrades	$6,000
Lloyd House Lighting Upgrades	$115,000
Lloyd House Exterior Improvements	$200,000
Lyceum Parking Lot	$48,000
Lyceum Plumbing Improvements	$27,000
Unexpected Capital Maintenance	$399,600
Total Fiscal Year 2024	**$2,444,600**

FREEDOM HOUSE MUSEUM RESTORATION

DOCUMENT SUBSECTION:	Preservation of Historic Facilities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Office of Historic Alexandria	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 2: Inclusive City	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,443,000**	**2,443,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
State/Federal Grants	2,443,000	2,443,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**2,443,000**	**2,443,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

CHANGES FROM PRIOR YEAR CIP

Funding for this project was previously included in the City Historic Facilities CFMP CIP project. It is now a separate project in the FY 2022 – FY 2031 CIP.

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 25th, 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 M for this project. The Freedom House project will be delivered in phases: Phase 1 includes 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 (both are incomplete and 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
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**85,258,634**	**3,634,634**	**20,424,000**	**61,200,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**81,624,000**
Financing Plan													
Cash Capital	2,141,104	1,141,104	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
GO Bonds	82,121,232	1,497,232	19,424,000	61,200,000	0	0	0	0	0	0	0	0	80,624,000
Other City Sources	996,298	996,298	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**85,258,634**	**3,634,634**	**20,424,000**	**61,200,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**81,624,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding plan updated to move all construction costs into FY 2022, to reflect current project schedule and timing. Funding in the amount of $61.2 million added to FY 2023 to City's decision to exercise option to purchase building.

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 Space Standards for the work place.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City's Green Building Policy, Environmental Action Plan

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

HEALTH DEPARTMENT CFMP

DOCUMENT SUBSECTION:	Public Health & Welfare Facilities	PROJECT LOCATION:	Alexandria West
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Alexandria West
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	Varies

Health Department CFMP

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**6,655,500**	**364,000**	**155,300**	**6,111,700**	**12,100**	**12,400**	**0**	**0**	**0**	**0**	**0**	**0**	**6,291,500**
Financing Plan													
Cash Capital	6,441,500	150,000	155,300	6,111,700	12,100	12,400	0	0	0	0	0	0	6,291,500
GO Bonds	214,000	214,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**6,655,500**	**364,000**	**155,300**	**6,111,700**	**12,100**	**12,400**	**0**	**0**	**0**	**0**	**0**	**0**	**6,291,500**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Due to FY 2021 funding reductions in response to the COVID-19 pandemic, funding for this project was reduced by $6.1 million. This funding has been restored to the project in FY 2023.

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. A prioritized list of projects planned for FY 2021-2023 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. An assessment of the 4480 King Street property will occur by FY 2023 to determine the best use of the facility after the completion of the DCHS/Health consolidation project. 4480 King could also temporarily potentially serve as City Hall swing space during the future renovation of City Hall. 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.

Health Department CFMP (continued)

Health Department CFMP FY 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Unexpected Capital Maintenance	$155,300
Total Fiscal Year 2022	**$155,300**

Fiscal Year 2023	
Description	Amount
4480 King Street Renovations	6,100,000
Unexpected Capital Maintenance	$11,700
Total Fiscal Year 2023	**$6,111,700**

Fiscal Year 2024	
Description	Amount
Unexpected Capital Maintenance	$12,100
Total Fiscal Year 2024	**$12,100**

MENTAL HEALTH RESIDENTIAL FACILITIES CFMP

DOCUMENT SUBSECTION:	Public Health & Welfare Facilities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	Varies

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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**11,115,295**	**3,638,595**	**845,100**	**670,600**	**721,400**	**632,300**	**758,800**	**682,600**	**752,700**	**779,400**	**804,800**	**829,000**	**7,476,700**
Financing Plan													
Cash Capital	2,051,120	2,051,120	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	9,064,175	1,587,475	845,100	670,600	721,400	632,300	758,800	682,600	752,700	779,400	804,800	829,000	7,476,700
Financing Plan Total	**11,115,295**	**3,638,595**	**845,100**	**670,600**	**721,400**	**632,300**	**758,800**	**682,600**	**752,700**	**779,400**	**804,800**	**829,000**	**7,476,700**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 2022 - 2024 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
HVAC Improvements - Various Homes	$790,000
Unexpected Capital Maintenance	$55,100
Total Fiscal Year 2022	**$845,100**

Fiscal Year 2023	
Description	Amount
Interior Improvements - Various Homes	$510,000
HVAC Improvements - Various Homes	$97,000
Unexpected Capital Maintenance	$63,600
Total Fiscal Year 2023	**$670,600**

Fiscal Year 2024	
Description	Amount
Exterior Improvements - Various Homes	$690,000
Unexpected Capital Maintenance	$31,400
Total Fiscal Year 2024	**$721,400**

ALEXANDRIA POLICE CFMP

DOCUMENT SUBSECTION:	Public Safety Facilities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	Varies

Alexandria Police CFMP

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,724,800**	**469,000**	**214,500**	**584,000**	**164,000**	**168,900**	**173,900**	**179,200**	**184,500**	**190,100**	**195,800**	**200,900**	**2,255,800**
Financing Plan													
GO Bonds	2,724,800	469,000	214,500	584,000	164,000	168,900	173,900	179,200	184,500	190,100	195,800	200,900	2,255,800
Financing Plan Total	**2,724,800**	**469,000**	**214,500**	**584,000**	**164,000**	**168,900**	**173,900**	**179,200**	**184,500**	**190,100**	**195,800**	**200,900**	**2,255,800**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to FY 2022 ($60,000) and FY 2023 ($424,800) to plan, design, and implement needed security system updates. Funding added to project for FY 2031.

PROJECT DESCRIPTION & JUSTIFICATION

The Alexandria Police 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 2022 - 2024 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Security System Upgrade - Design	$60,000
Unexpected Capital Maintenance	$154,500
Total Fiscal Year 2022	**$214,500**

Fiscal Year 2023	
Description	Amount
Security System Upgrade - Construction	$424,800
Unexpected Capital Maintenance	$159,200
Total Fiscal Year 2023	**$584,000**

Fiscal Year 2024	
Description	Amount
Unexpected Capital Maintenance	$164,000
Total Fiscal Year 2024	**$164,000**

COURTHOUSE CFMP

DOCUMENT SUBSECTION:	Public Safety Facilities	PROJECT LOCATION:	520 King Street
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Old Town
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	16 - 20 Years

Courthouse CFMP

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**13,734,100**	**10,556,600**	**0**	**116,700**	**2,120,200**	**123,900**	**127,600**	**131,400**	**135,300**	**139,400**	**143,600**	**139,400**	**3,177,500**
Financing Plan													
Cash Capital	3,937,600	3,937,600	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	180,000	180,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	9,616,500	6,439,000	0	116,700	2,120,200	123,900	127,600	131,400	135,300	139,400	143,600	139,400	3,177,500
Financing Plan Total	**13,734,100**	**10,556,600**	**0**	**116,700**	**2,120,200**	**123,900**	**127,600**	**131,400**	**135,300**	**139,400**	**143,600**	**139,400**	**3,177,500**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $2 million deferred to FY 2024 to reflect current project schedule and timing. Funding added to project for FY 2031.

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 2022 - 2024 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
n/a	
Total Fiscal Year 2022	**$0**

Fiscal Year 2023	
Description	Amount
Unexpected Capital Maintenance	$116,700
Total Fiscal Year 2023	**$116,700**

Fiscal Year 2024	
Description	Amount
Phase Four Renovations	$2,120,000
Total Fiscal Year 2024	**$2,120,000**

COURTHOUSE/PSC SECURITY SYSTEM UPGRADE

DOCUMENT SUBSECTION:	Public Safety Facilities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	ESTIMATE USEFUL LIFE:	6 - 10 Years

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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**8,628,800**	**3,328,100**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5,300,700**	**0**	**5,300,700**
Financing Plan													
Cash Capital	2,255,000	2,255,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	6,373,800	1,073,100	0	0	0	0	0	0	0	0	5,300,700	0	5,300,700
Financing Plan Total	**8,628,800**	**3,328,100**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5,300,700**	**0**	**5,300,700**
Operating Impact	3,367,100	0	0	292,800	307,200	322,300	338,100	354,700	372,200	390,600	494,600	494,600	3,367,100

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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. Planned funding includes costs for electrical upgrades and IT communication systems that are required for a system upgrade.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

FIRE & RESCUE CFMP

DOCUMENT SUBSECTION:	Public Safety Facilities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	ESTIMATE USEFUL LIFE:	Varies

Fire & Rescue CFMP

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**24,884,233**	**10,219,133**	**162,100**	**340,800**	**1,044,500**	**1,262,500**	**1,452,500**	**372,500**	**904,000**	**1,296,000**	**3,915,100**	**3,915,100**	**14,665,100**
Financing Plan													
Cash Capital	4,137,791	4,137,791	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	434,313	434,313	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	20,312,129	5,647,029	162,100	340,800	1,044,500	1,262,500	1,452,500	372,500	904,000	1,296,000	3,915,100	3,915,100	14,665,100
Financing Plan Total	**24,884,233**	**10,219,133**	**162,100**	**340,800**	**1,044,500**	**1,262,500**	**1,452,500**	**372,500**	**904,000**	**1,296,000**	**3,915,100**	**3,915,100**	**14,665,100**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 2022 - 2024 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 & Rescue CFMP (continued)

Fire & Rescue CFMP FY 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Fire Station 206 Interior Upgrades	$34,000
Fire Station 202 Interior Upgrades	$28,000
Fire Station 202 HVAC Upgrades	$55,000
Fire Station 202 Parking Lot Improvements	$27,000
Unexpected Capital Maintenance	$18,100
Total Fiscal Year 2022	**$162,100**

Fiscal Year 2023	
Description	Amount
Fire Station 201 Exterior Window Renewal	$135,000
Fire Station 201 Interior Upgrades	$23,000
Fire Station 201 Fire Alarm Upgrade	$58,000
Fire Station 202 HVAC Upgrades	$70,000
Fire Station 205 Exterior Door Upgrades	$26,000
Unexpected Capital Maintenance	$28,800
Total Fiscal Year 2023	**$340,800**

Fiscal Year 2024	
Description	Amount
Fire Station 202 Water Heater Upgrade	$30,000
Fire Station 202 Fire Alarm Upgrade	$80,000
Fire Station 204 Interior Upgrades	$210,000
Fire Station 205 Interior Upgrades	$190,000
Fire Station 206 Exterior Upgrades	$27,000
Fire Station 206 HVAC Upgrades	$160,000
Fire Station 206 Interior Upgrades	$134,000
Fire Station 209 Water Heater Upgrades	$36,000
Unexpected Capital Maintenance	$177,500
Total Fiscal Year 2024	**$1,044,500**

FIRE STATION 203 (CAMERON MILLS)

DOCUMENT SUBSECTION:	Public Safety Facilities	PROJECT LOCATION:	2801 Cameron Mills Rd.
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	North Ridge/Rosemont
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	ESTIMATE USEFUL LIFE:	30+ Years

Fire Station 203 (Cameron Mills)													
	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**12,399,000**	**12,399,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	600,000	600,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	11,799,000	11,799,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**12,399,000**	**12,399,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

The old Station 203, located in the Beverly Hills area, was built in 1948 and is 73 years old. The Station's two bays housed an Engine, a Ladder Truck, and an EMS Supervisor vehicle. This project funds a demolition-replacement of the current facility, with the rationale as follows: (1) December 2008 findings of an independent architectural-engineering firm determined that renovation was not economically feasible due to existing structural constraints and recommended demolition of the existing structure and construction of a new station on the same site; (2) Station 203 houses a Ladder Truck, not because the location requires this vehicle but because the Truck can fit in 203; this "force-fit" adversely affects Fire Department response times throughout the City. (Construction plans for Stations 203, 205, 206, and 207 address this larger issue of response vehicle locations); (3) This "force-fit" also prevents the accommodation of a much needed Advanced Life Support (ALS) capability for the Beverly Hills area, where none currently exists; and, (4) the old Station provides insufficient living space for assigned staff, e.g., female sleeping and shower facilities are located on separate floors, and the physical condition of the Station presently needs major improvements.

Full-scale design began in FY 2016 and construction began in spring 2019, with expected completion in 2021. City staff have determined that this is an optimal location for the service delivery through a Fire Station Location Study completed in FY 2017. Completion of this project will enhance Fire Department prevention and response delivery services by operating a new station that is safe, effective, and efficient. 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

Recommended by 2007 TriData Assessment of Alexandria Fire Department; Fire Station Study completed in 2008; and FY2010 Alexandria Fire Department Facilities Renovation and Construction Program.

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

FIRE STATION 207 (DUKE STREET)

DOCUMENT SUBSECTION:	Public Safety Facilities	PROJECT LOCATION:	3301 Duke St.
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Taylor Run
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	ESTIMATE USEFUL LIFE:	30+ Years

Fire Station 207 (Duke Street)

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**21,836,200**	**0**	**0**	**0**	**5,051,800**	**3,927,100**	**12,857,300**	**0**	**0**	**0**	**0**	**0**	**21,836,200**
Financing Plan													
GO Bonds	21,836,200	0	0	0	5,051,800	3,927,100	12,857,300	0	0	0	0	0	21,836,200
Financing Plan Total	**21,836,200**	**0**	**0**	**0**	**5,051,800**	**3,927,100**	**12,857,300**	**0**	**0**	**0**	**0**	**0**	**21,836,200**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

Fire Station 207, built in 1963, is currently 57 years old and will be 14 years beyond the useful life cycle for a fire station at the time the planned construction of its replacement (FY 2026) 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. The planned funding for this project includes funding for land acquisition for a new location for Fire Station 207. Having this new fire station will allow the fire department to have more capacity when it comes to handling emergencies. The current plan for the new facility will be approximately 15,000 square feet and include three drive-through bays to accommodate an engine, a specialty unit, and a medic unit as well as administrative, physical fitness, and living space for a minimum of 10 on-duty staff. The above project budget assumes $4.2 million for land acquisition. 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

Recommended by the Fire Station Facilities Study completed in June 2008 and FY 2010 Alexandria Fire Department Facilities Renovation and Construction Program

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

FIRE STATION 208

DOCUMENT SUBSECTION:	Public Safety Facilities	PROJECT LOCATION:	TBD
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Landmark/Van Dorn
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	Varies

Fire Station 208 Replacement

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**11,350,000**	**0**	**250,000**	**1,100,000**	**10,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11,350,000**
Financing Plan													
GO Bonds	11,350,000	0	250,000	1,100,000	10,000,000	0	0	0	0	0	0	0	11,350,000
Financing Plan Total	**11,350,000**	**0**	**250,000**	**1,100,000**	**10,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11,350,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 2024) 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 first level and workforce/affordable multi-family housing comprising the upper floors.

The current funding provides for a facility of approximately 12,000 square feet and will include four bays to accommodate apparatus, as well as administrative, physical fitness, and living space for a minimum of 12 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	PROJECT LOCATION:	805 S. Payne St.
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Southwest Quadrant
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	ESTIMATE USEFUL LIFE:	16 - 20 Years

New Burn Building

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,864,200**	**575,400**	**0**	**2,288,800**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2,288,800**
Financing Plan													
GO Bonds	2,864,200	575,400	0	2,288,800	0	0	0	0	0	0	0	0	2,288,800
Financing Plan Total	**2,864,200**	**575,400**	**0**	**2,288,800**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2,288,800**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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.

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	PROJECT LOCATION:	2001/03 Mill Rd
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Eisenhower East
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	ESTIMATE USEFUL LIFE:	Varies

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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**24,715,256**	**9,573,956**	**2,833,500**	**4,796,000**	**2,217,300**	**2,818,700**	**1,802,700**	**127,600**	**131,400**	**135,300**	**139,400**	**139,400**	**15,141,300**
Financing Plan													
Cash Capital	5,929,199	4,171,595	1,757,604	0	0	0	0	0	0	0	0	0	1,757,604
GO Bond Interest Earnings	20,341	20,341	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	18,296,288	4,912,592	1,075,896	4,796,000	2,217,300	2,818,700	1,802,700	127,600	131,400	135,300	139,400	139,400	13,383,696
Prior Capital Funding	469,428	469,428	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**24,715,256**	**9,573,956**	**2,833,500**	**4,796,000**	**2,217,300**	**2,818,700**	**1,802,700**	**127,600**	**131,400**	**135,300**	**139,400**	**139,400**	**15,141,300**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Finding in the amount of $2.53 million moved from FY 2022 to FY 2023, to reflect current project schedule and timing. Funding added to project for FY 2031.

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 2022 - 2024 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 2022 – 2024 Project List

Fiscal Year 2022	
Description	Amount
Housing Unit Security Upgrades - Constructions	$2,833,500
Total Fiscal Year 2022	**$2,833,500**

Fiscal Year 2023	
Description	Amount
Phase One Renovations	$2,530,000
Phase Two Renovations	$2,266,000
Total Fiscal Year 2023	**$4,796,000**

Fiscal Year 2024	
Description	Amount
Phase Three Renovations	$2,217,300
Total Fiscal Year 2024	**$2,217,300**

TACTICAL TRAINING SPACE

DOCUMENT SUBSECTION:	Public Safety Facilities	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**309,000**	**0**	**309,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**309,000**
Financing Plan													
Cash Capital	309,000	0	309,000	0	0	0	0	0	0	0	0	0	309,000
Financing Plan Total	**309,000**	**0**	**309,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**309,000**

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2022 – FY 2031 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	PROJECT LOCATION:	4101 Eisenhower Ave.
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Seminary Hill
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	ESTIMATE USEFUL LIFE:	Varies

Vola Lawson Animal Shelter

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**7,027,593**	**3,476,893**	**41,200**	**42,500**	**133,000**	**148,100**	**269,100**	**900,000**	**1,223,300**	**241,700**	**271,800**	**280,000**	**3,550,700**
Financing Plan													
Cash Capital	5,961,257	2,410,557	41,200	42,500	133,000	148,100	269,100	900,000	1,223,300	241,700	271,800	280,000	3,550,700
GO Bond Interest Earnings	27,563	27,563	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	343,532	343,532	0	0	0	0	0	0	0	0	0	0	0
Prior Capital Funding	195,241	195,241	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	500,000	500,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**7,027,593**	**3,476,893**	**41,200**	**42,500**	**133,000**	**148,100**	**269,100**	**900,000**	**1,223,300**	**241,700**	**271,800**	**280,000**	**3,550,700**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 2022 - 2024 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Unexpected Capital Maintenance	$41,200
Total Fiscal Year 2022	**$41,200**

Fiscal Year 2023	
Description	Amount
Unexpected Capital Maintenance	$42,500
Total Fiscal Year 2023	**$42,500**

Fiscal Year 2024	
Description	Amount
Unexpected Capital Maintenance	$133,000
Total Fiscal Year 2024	**$133,000**

TRANSPORTATION & TRANSIT

Transportation Improvement Program (TIP)
Approved FY 2022 – FY 2031 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 NVTA 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 NVTA 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.

Revenues	FY 2021 Approved	FY 2022 Approved	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 22-FY31
Details of Operating Expenditures												
Non-motorized Transportation												
Capital Bikeshare	$670,000	$703,500	$739,000	$776,000	$815,000	$856,000	$899,000	$944,000	$991,000	$1,041,000	$1,093,000	$8,857,500
Public Transit												
DASH Operating	$2,423,801	$2,460,158	$2,497,000	$2,534,000	$2,572,000	$2,611,000	$2,650,000	$2,690,000	$2,730,000	$2,771,000	$2,813,000	$26,328,158
Supplemental Trolley Operations	$216,372	$219,618	$223,000	$226,000	$229,000	$232,000	$235,000	$239,000	$243,000	$247,000	$251,000	$2,344,618
Maintenance												
Metroway Maintenance	$61,814	$83,000	$84,000	$85,000	$86,000	$87,000	$88,000	$89,000	$90,000	$91,000	$92,000	$875,000
Bus Shelter Maintenance	$100,799	$102,000	$104,000	$106,000	$108,000	$110,000	$112,000	$114,000	$116,000	$118,000	$120,000	$1,110,000
Street Repair Budget	$868,254	$881,000	$894,000	$907,000	$921,000	$935,000	$949,000	$963,000	$977,000	$992,000	$1,007,000	$9,426,000
Trail Maintenance	$20,000	$20,400	$21,000	$21,000	$21,000	$21,000	$21,000	$21,000	$21,000	$21,000	$21,000	$209,400
King Street Station Operations	$65,000	$66,000	$67,000	$68,000	$69,000	$70,000	$71,000	$72,000	$73,000	$74,000	$75,000	$705,000
Other Costs												
Transportation Implementation Staff - T&ES Posit	$466,791	$502,398	$567,000	$584,000	$602,000	$620,000	$639,000	$658,000	$678,000	$698,000	$719,000	$6,267,398
Indirect Costs to General Fund	$861,567	$875,086	$892,588	$910,440	$928,649	$947,221	$966,166	$985,489	$1,005,199	$1,025,303	$1,045,809	$9,581,950
TIP Operating Costs	**$5,754,398**	**$5,913,160**	**$6,088,588**	**$6,217,440**	**$6,351,649**	**$6,489,221**	**$6,630,166**	**$6,775,489**	**$6,924,199**	**$7,078,303**	**$7,236,809**	**$65,705,024**

Transportation Improvement Program (TIP)
Approved FY 2022 – FY 2031 Sources and Uses

Transportation Improvement Program (TIP) Projects Capital Subsection	FY 2021 Updated	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 22-FY31
Public Transit												
WMATA Capital Contributions (TIP Cash)	$1,100,000	$452,967	$385,000	$0	$50,000	$150,000	$70,000		$135,000	$175,000	$270,000	$1,687,967
DASH Bus Fleet Replacements (TIP Cash)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Streets & Bridges												
Street Reconstruction & Resurfacing/Major Rd. (T	$0	$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	$8,700,000
Smart Mobility												
Transportation Technologies (TIP Cash)	$250,000	-	$265,300	-	$281,500	-	$298,500	$309,500	$316,800	$326,300	$336,100	$2,134,000
Capitalized Positions												
Sustainability Coordinator (through Environmental	$53,880	$53,000	$57,000	$59,000	$62,000	$65,000	$69,000	$71,000	$76,000	$79,000	$83,000	$674,000
Transportation Implementation Staff - DPI Positior	$343,224	$360,000	$378,000	$397,000	$417,000	$438,000	$460,000	$483,000	$507,000	$532,000	$559,000	$4,531,000
Total CIP Transportation Improvement Program	**$1,747,104**	**$865,967**	**$1,785,300**	**$1,456,000**	**$1,810,500**	**$1,653,000**	**$1,897,500**	**$1,863,500**	**$2,034,800**	**$2,112,300**	**$2,248,100**	**$17,726,967**

Northern Virginia Transportation Authority (NVTA) – 30% Funds
Approved FY 2022 – FY 2031 Sources and Uses
Revenues, Operating Expenditures, and Capital Projects

Revenues/Expenditures	Approved FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 22 - 31
Revenues												
NVTA 30%	$ 5,056,000	$ 7,140,000	$ 7,340,000	$ 7,546,000	$ 7,757,000	$ 7,974,000	$ 8,197,000	$ 8,427,000	$ 8,663,000	$ 8,906,000	$ 9,155,000	$ 81,105,000
Appropriated Revenue	**$ 5,056,000**	**$ 7,140,000**	**$ 7,340,000**	**$ 7,546,000**	**$ 7,757,000**	**$ 7,974,000**	**$ 8,197,000**	**$ 8,427,000**	**$ 8,663,000**	**$ 8,906,000**	**$ 9,155,000**	
Capital Details												
DASH Bus Fleet Replacements	$ -	$ -	$ 1,500,000	$ 1,500,000	$ -	$ 1,500,000	$ 1,500,000	$ -	$ 1,500,000	$ 1,500,000	$ -	$ 9,000,000
Transit Staffing Contingency	$ -	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 1,500,000
Transit Strategic Plan in Alexandria	$ -	$ 75,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 75,000
WMATA Capital Contributions	$ 3,483,000	$ 4,725,000	$ 3,400,000	$ 3,580,000	$ 5,270,000	$ 1,560,000	$ 1,685,000	$ 3,315,000	$ 1,945,000	$ 2,080,000	$ 2,310,000	$ 29,870,000
Subtotal, Capital Projects	**$ 3,483,000**	**$ 4,950,000**	**$ 5,050,000**	**$ 5,230,000**	**$ 5,420,000**	**$ 3,210,000**	**$ 3,335,000**	**$ 3,465,000**	**$ 3,595,000**	**$ 3,730,000**	**$ 2,460,000**	**$ 40,445,000**
Operating Details												
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	$ 2,983,780	$ 17,140,780
DASH Service Expansion Contingency	$ -	$ 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
Subtotal, Operating	**$ 1,573,000**	**$ 2,188,000**	**$ 2,188,000**	**$ 2,188,000**	**$ 2,188,000**	**$ 4,588,000**	**$ 4,660,000**	**$ 4,734,000**	**$ 4,810,000**	**$ 4,889,000**	**$ 6,380,780**	**$ 38,813,780**
Total, Operating & Capital	**$ 5,056,000**	**$ 7,138,000**	**$ 7,238,000**	**$ 7,418,000**	**$ 7,608,000**	**$ 7,798,000**	**$ 7,995,000**	**$ 8,199,000**	**$ 8,405,000**	**$ 8,619,000**	**$ 8,840,780**	**$ 79,258,780**

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Transportation											
High Capacity Transit Corridors											
Transit Corridor "B" - Duke Street	0	0	14,200,000	20,800,000	40,000,000	0	0	0	0	0	75,000,000
Transit Corridor "C" - West End Transitway	8,171,388	4,028,612	23,610,244	33,589,753	0	0	0	0	0	0	69,399,997
Transitway Enhancements	0	0	0	0	0	0	0	0	0	0	0
High Capacity Transit Corridors Total	8,171,388	4,028,612	37,810,244	54,389,753	40,000,000	0	0	0	0	0	144,399,997
Non-Motorized Transportation											
Access Improvements at Landmark	0	0	3,950,230	2,384,400	0	0	0	0	0	0	6,334,630
Alexandria Mobility Plan	0	0	0	0	0	0	0	0	0	0	0
Capital Bikeshare	400,000	250,000	250,000	0	0	0	0	0	0	0	900,000
CMAQ Contingency from Cancelled Backlick Run Multi-Use Paths	2,210,003	2,100,648	300,000	0	0	0	0	0	0	0	4,610,651
Complete Streets	1,511,000	761,000	773,000	786,000	800,000	814,000	829,000	844,000	861,000	878,000	8,857,000
Duke Street and West Taylor Run Safety Improvements	0	0	3,905,460	0	0	0	0	0	0	0	3,905,460
King Street-Bradlee Roadway Improvements	0	1,000,000	1,000,000	0	0	0	0	0	0	0	2,000,000
Old Cameron Run Trail	0	1,646,273	1,122,727	2,045,000	0	0	0	0	0	0	4,814,000
Sidewalk Capital Maintenance	309,000	636,600	327,900	675,400	347,800	716,500	369,000	760,100	391,500	780,000	5,313,800
Non-Motorized Transportation Total	4,430,003	6,394,521	11,629,317	5,890,800	1,147,800	1,530,500	1,198,000	1,604,100	1,252,500	1,658,000	36,735,541
Public Transit											
DASH Bus Fleet Replacements	0	12,465,600	9,288,200	0	9,332,200	19,343,700	0	8,740,800	21,006,900	31,510,000	111,687,400
DASH Facility and Fleet Expansion	3,421,000	2,928,000	6,241,000	7,040,000	0	0	0	0	0	0	19,630,000
DASH Hybrid Bus and Trolley Powertrain Replacement	0	371,400	382,500	394,000	347,800	298,600	184,500	0	0	0	1,978,800
Transit Access & Amenities	500,000	400,000	0	0	0	0	0	0	0	0	900,000
Transit Staffing Contingency	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Transit Strategic Plan in Alexandria	150,000	0	0	0	0	0	0	0	0	0	150,000
WMATA Capital Contributions	11,950,000	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	173,615,000
Public Transit Total	16,171,000	32,575,000	32,716,700	24,649,000	27,315,000	37,712,300	18,699,500	27,715,800	40,456,900	51,450,000	309,461,200
Smart Mobility											
Citywide Parking - Parking Technologies	206,804	250,000	0	0	0	0	0	0	0	0	456,804
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	1,000,000	400,000	600,000	3,084,550	0	0	0	0	0	0	5,084,550
Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade	103,000	138,200	175,200	202,800	208,800	215,000	221,400	228,200	235,100	242,200	1,969,900
Citywide Trans. Mgmt. Tech. - Transportation Technologies	0	265,300	0	281,500	0	298,500	309,500	316,800	326,300	336,100	2,134,000
DASH Electronic Fare Payment	0	0	0	0	0	0	0	0	0	0	0
DASH Scheduling Software	0	0	0	0	0	0	0	0	0	0	0
DASH Technologies	0	600,000	255,745	0	0	0	0	0	0	0	855,745
Traffic Adaptive Signal Control	5,266,347	2,409,553	0	0	0	0	0	0	0	0	7,675,900
Smart Mobility Total	6,576,151	4,063,053	1,030,945	3,568,850	208,800	513,500	530,900	545,000	561,400	578,300	18,176,899
Streets and Bridges											
Bridge Repairs	2,151,000	2,373,000	2,583,000	2,775,000	2,977,000	3,167,000	3,660,000	4,572,000	3,670,000	4,600,000	32,528,000
Fixed Transportation Equipment	875,500	2,493,400	956,300	985,000	1,043,500	1,074,800	1,107,000	1,140,300	1,207,100	1,243,100	12,126,000
Four Mile Run Bridge Program	7,000,000	7,000,000	0	0	0	0	0	0	0	10,000,000	24,000,000
Seminary Road at Beauregard Street Ellipse	0	3,500,000	16,200,000	16,700,000	100,000	0	0	0	0	0	36,500,000
Street Reconstruction & Resurfacing of Major Roads	6,394,000	5,835,000	5,436,400	5,599,500	4,984,900	6,328,500	6,149,400	6,333,900	6,523,900	6,719,600	60,305,100
Streets and Bridges Total	16,420,500	21,201,400	25,175,700	26,059,500	9,105,400	10,570,300	10,916,400	12,046,200	11,401,000	22,562,700	165,459,100
Transportation Total	51,769,042	68,262,586	108,362,906	114,557,903	77,777,000	50,326,600	31,344,800	41,911,100	53,671,800	76,249,000	674,232,737

DASH BUS FLEET REPLACEMENTS

DOCUMENT SUBSECTION:	Public Transit	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**136,050,128**	**24,362,728**	**0**	**12,465,600**	**9,288,200**	**0**	**9,332,200**	**19,343,700**	**0**	**8,740,800**	**21,006,900**	**31,510,000**	**111,687,400**
Financing Plan													
Cash Capital	2,167,006	2,167,006	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	44,187,600	810,000	0	4,732,800	3,144,100	0	3,166,100	8,171,850	0	2,870,400	9,003,450	12,288,900	43,377,600
NVTA 30% Funds	29,589,100	17,123,000	0	1,500,000	1,500,000	0	1,500,000	1,500,000	0	1,500,000	1,500,000	3,466,100	12,466,100
Sale of Property Revenue	500,000	500,000	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	3,154,728	3,154,728	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants (Unsecured)	55,843,700	0	0	6,232,800	4,644,100	0	4,666,100	9,671,850	0	4,370,400	10,503,450	15,755,000	55,843,700
TIP	607,994	607,994	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**136,050,128**	**24,362,728**	**0**	**12,465,600**	**9,288,200**	**0**	**9,332,200**	**19,343,700**	**0**	**8,740,800**	**21,006,900**	**31,510,000**	**111,687,400**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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.

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 (SOGR) requirements and reduce the number of older, more heavily polluting vehicles that were operated beyond their 12-year useful life.

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 to a 100% electric bus fleet over the next 15 years. DASH took delivery of its first three electric buses in September 2020 and the next three in January 2021, 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 begun a Zero Emission Bus Implementation Study which will provide a detailed, strategic roadmap to transition the entire fleet by approximately FY 2037.

While no buses are scheduled for replacement in FY 2022, 15 replacement buses will be ordered in FY 2023 with delivery in early FY 2024. Of these 15, DASH is planning that 10 will be clean diesel and 5 will be electric. In FY 2024, 10 more replacement buses will be ordered, 5 of which would be electric and the final 5 clean diesel buses of the fleet, which will be in service through FY 2037. All bus replacements after FY 2024 are planned to be electric buses.

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.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Eco-City Charter

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 FACILITY AND FLEET EXPANSION

DOCUMENT SUBSECTION:	Public Transit	PROJECT LOCATION:	3000 Business Center Drive
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	ESTIMATE USEFUL LIFE:	30-40 Years

DASH Facility and Fleet Expansion

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**35,067,161**	**15,437,161**	**3,421,000**	**2,928,000**	**6,241,000**	**7,040,000**	**0**	**0**	**0**	**0**	**0**	**0**	**19,630,000**
Financing Plan													
NVTA 70% Funds	9,933,161	9,933,161	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	25,134,000	5,504,000	3,421,000	2,928,000	6,241,000	7,040,000	0	0	0	0	0	0	19,630,000
Financing Plan Total	**35,067,161**	**15,437,161**	**3,421,000**	**2,928,000**	**6,241,000**	**7,040,000**	**0**	**0**	**0**	**0**	**0**	**0**	**19,630,000**
Operating Impact	79,995,400	0	0	5,334,300	5,546,300	8,751,600	9,103,200	9,462,200	9,843,700	10,240,100	10,644,000	11,070,000	79,995,400

CHANGES FROM PRIOR YEAR CIP

Funding plan updated to align with state/regional grant schedule.

PROJECT DESCRIPTION & JUSTIFICATION

The DASH Facility and Fleet Expansion project consists of two components:

1. 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.

2. The addition of twenty-six (26) new buses, twenty (20) of which will be electric, to improve service frequency along key City transit corridors. These buses will be used to implement service improvements in key development areas, consistent with the Alexandria Transit Vision Plan network as approved by the ATC Board of Directors.

The Facility and Fleet Expansion project provides for the necessary capital and infrastructure improvements to enable the City to improve transit service as outlined in the City's strategic plan and the Alexandria Transit Vision Plan, which will be implemented via the New DASH Network launching in FY 2022. The new DASH Network will provide 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 city-wide, high frequency network will have 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 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.

The facility expansion will include provisions for electric buses, including upgraded electric bus charging infrastructure and charging equipment. These investments will be guided by the City and DASH's Zero Emission Bus Implementation Study, which will be complete by FY 2022.

In FY 2022, design and engineering work for the facility expansion will be largely completed and procurement of a construction contractor will begin. DASH will also receive eight (8) electric buses, which will expand the fleet to provide enhanced service in the West End, Arlandria and Potomac Yard. Construction of the facility expansion will begin in FY 2023. Additional electric bus charging infrastructure deployments will be coordinated with construction of the facility expansion.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION	ADDITIONAL OPERATING IMPACTS
N/A	Estimated operating cost increase of DASH service expansion provided by grant-funded bus fleet expansion.

DASH HYBRID BUS AND TROLLEY POWERTRAIN REPLACEMENT

DOCUMENT SUBSECTION:	Public Transit	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	ESTIMATE USEFUL LIFE:	0 - 5 Years

DASH Hybrid Bus and Trolley Powertrain Replacement

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**3,628,800**	**1,650,000**	**0**	**371,400**	**382,500**	**394,000**	**347,800**	**298,600**	**184,500**	**0**	**0**	**0**	**1,978,800**
Financing Plan													
Cash Capital	3,011,800	1,033,000	0	371,400	382,500	394,000	347,800	298,600	184,500	0	0	0	1,978,800
NVTA 30% Funds	617,000	617,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**3,628,800**	**1,650,000**	**0**	**371,400**	**382,500**	**394,000**	**347,800**	**298,600**	**184,500**	**0**	**0**	**0**	**1,978,800**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding removed from FY 2022, based on current project needs and timing.

PROJECT DESCRIPTION & JUSTIFICATION

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. In FY 2022 and FY 2023, DASH will continue repairing or replacing hybrid powertrain components as needed to ensure each bus reaches its 12-year expected lifespan.

Based on a recommendation by the Alexandria Transit Company (DASH) Board of Directors, however, the City no longer purchases hybrid vehicles and instead purchases clean diesel buses to meet near-term fleet replacement requirements. This decision has improved fleet reliability, reduced costs, and accelerated the replacement of older, more heavily polluting diesel models. The City and DASH are working together to develop a transition plan from clean diesel to electric buses over the next 15 years. Staff anticipates that this need for battery replacement will continue and expand as DASH transitions its fleet to battery electric buses. DASH started purchasing electric buses in FY 2020 and has taken delivery of its first six electric buses as of January 2021. DASH will retire its oldest hybrid buses in FY 2024 and its newest hybrids will remain in service through FY 2030.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Eco-City Charter

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

EISENHOWER AVENUE 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
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**6,794,840**	**6,794,840**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	42,000	42,000	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	350,000	350,000	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	6,152,840	6,152,840	0	0	0	0	0	0	0	0	0	0	0
TIP	250,000	250,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**6,794,840**	**6,794,840**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

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, bus shelters for rider comfort, 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 City of Alexandria has a Memorandum of Understanding (MOU) with adjacent developers and WMATA that addresses improvements and maintenance at the Eisenhower Avenue Metrorail station and the release of land for development. However, implementation of City-funded improvements is contingent on the redevelopment of adjacent parcels. The MOU is being updated to reflect the changes to Anchor Street as a result of the Small Area Plan, developer successors, and updated ownership and maintenance responsibilities.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Eisenhower East Small Area Plan

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

KING STREET METRORAIL STATION AREA IMPROVEMENTS

DOCUMENT SUBSECTION:	Public Transit	PROJECT LOCATION:	1900 King St. (King Street Metro)
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	King Street Metro/Eisenhower Ave.
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	ESTIMATE USEFUL LIFE:	30+ Years

King Street Metrorail Station Area Improvements

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**17,406,242**	**17,406,242**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	215,000	215,000	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	250,000	250,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	1,225,000	1,225,000	0	0	0	0	0	0	0	0	0	0	0
Prior Capital Funding	3,392,536	3,392,536	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	9,398,706	9,398,706	0	0	0	0	0	0	0	0	0	0	0
TIP	2,925,000	2,925,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**17,406,242**	**17,406,242**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Prior year TIP funding in the amount of $300,000 transferred from the Van Dorn Multimodal Bridge project to the King Street Metrorail Station project to cover a budget shortfall due to the extended construction duration resulting from the Contractor's productivity rate.

PROJECT DESCRIPTION & JUSTIFICATION

The purpose of this project is to enhance the King Street Metrorail station area. The King Street Metrorail station is the largest transit hub in the City. The project will include:

- Accommodating increased bus service and meeting additional ridership demand;
- Improving the pedestrian environment at the station; and
- Providing better connections to the surrounding area for all modes of transit.

The planned reconfiguration of the station will include three additional bus bays, for a total of ten (10) bus bays, separate modes to enhance safety, widen the walkways around and through the facility, provide space for short- and long-term bicycle facilities, and modify the Kiss and Ride to a one-way loop.

This project provides critical infrastructure upgrades needed to provide more efficient mass transit services. Once completed, the improvements will also enhance the pedestrian experience by separating modes of transportation to reduce vehicle and pedestrian conflicts.

The project has been approved by the Transportation Commission, City Council, and Planning Commission. Construction is anticipated to be completed in FY 2022.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Transportation Master Plan, Vision Zero, Complete Streets, Eco-City Charter

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

POTOMAC YARD METRORAIL STATION

DOCUMENT SUBSECTION:	Public Transit	PROJECT LOCATION:	Potomac Yard
MANAGING DEPARTMENT:	Department of Project Implementation	REPORTING AREA:	Potomac Yard/Potomac Greens, North Potomac Yard
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**384,725,000**	**384,725,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
GO Bonds (PYM)	164,000,000	164,000,000	0	0	0	0	0	0	0	0	0	0	0
NVTA 70% Funds	69,500,000	69,500,000	0	0	0	0	0	0	0	0	0	0	0
PY Special Tax District Revenue	50,225,000	50,225,000	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	51,000,000	51,000,000	0	0	0	0	0	0	0	0	0	0	0
VTIB State Loan	50,000,000	50,000,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**384,725,000**	**384,725,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	30,069,700	0	0	2,959,900	3,048,700	3,140,200	3,234,400	3,331,400	3,431,300	3,534,200	3,640,200	3,749,400	30,069,700

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 project completion is anticipated in spring 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 construction 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, included 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**5,495,772**	**4,595,772**	**500,000**	**400,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**900,000**
Financing Plan													
Cash Capital	255,223	255,223	0	0	0	0	0	0	0	0	0	0	0
NVTA 30% Funds	1,100,000	1,100,000	0	0	0	0	0	0	0	0	0	0	0
NVTA 70% Funds	450,000	450,000	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	60,000	60,000	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	3,630,549	2,730,549	500,000	400,000	0	0	0	0	0	0	0	0	900,000
Financing Plan Total	**5,495,772**	**4,595,772**	**500,000**	**400,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**900,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

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 that provide enhanced infrastructure and passenger amenities. The new bus shelters feature amenities such as benches, trash cans, bike racks and improved lighting, these features are important to attract riders 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 at existing bus stops that will bring them into compliance with ADA standards, including future funding for real-time information signs at key, high-ridership stops throughout the City. Real-time information has been shown to increase ridership. 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, which were completed in FY 2020. In FY 2022, the City anticipates selecting the bus shelter model and beginning site design for a second phase. In FY 2023 and FY 2024, the design of the initial 20 bus shelter sites 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, potentially reducing the City's transit subsidy. 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, but staff will prioritize equity and ridership when selecting locations citywide.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City of Alexandria Transit Development Plan
Alexandria Transit Vision Plan

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

TRANSIT STRATEGIC PLAN IN ALEXANDRIA

DOCUMENT SUBSECTION:	Public Transit	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**150,000**	**0**	**150,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**150,000**
Financing Plan													
NVTA 30% Funds	75,000	0	75,000	0	0	0	0	0	0	0	0	0	75,000
State/Federal Grants	75,000	0	75,000	0	0	0	0	0	0	0	0	0	75,000
Financing Plan Total	**150,000**	**0**	**150,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**150,000**

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2022 – FY 2031 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 purposes of a TSP are as follows:

1. To serve as a strategic planning, management, and policy document for transit operators in urbanized areas;
2. To identify areas for improved operational efficiency;
3. To assess the type of operating services for different service areas and needs;
4. To review and assess the performance of routes, route design standards, and schedule standards;
5. To examine transit needs in order to identify ways to improve access for underserved areas;
6. To inform DRPT of transit operators' capital, operating and maintenance needs;
7. To provide the basis for inclusion of an operator's capital and operating programs in planning and programming documents such as: the Six Year Improvement Program (SYIP), Statewide Transportation Improvement Program (STIP), Transportation Improvement Program (TIP) and Constrained Long Range Plan (CLRP);
8. To provide a clear understanding of unmet or unfunded needs;
9. To develop and track the progress of short-, mid- and long-term goals for transit in the region; and,
10. To continually aim to improve efficiency and effectiveness of public transportation services.

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 addresses 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.

This project is expected to begin in the fall of 2021 and will be completed by June 30, 2023.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

N/A

WMATA CAPITAL CONTRIBUTIONS

DOCUMENT SUBSECTION:	Public Transit	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	ESTIMATE USEFUL LIFE:	Varies

WMATA Capital Contributions

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**339,716,034**	**166,101,034**	**11,950,000**	**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**	**173,615,000**
Financing Plan													
Cash Capital	28,720,713	28,720,713	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	2,296,433	2,296,433	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	250,228,778	108,171,745	6,772,033	12,475,000	13,075,000	11,745,000	15,775,000	16,165,000	15,050,000	16,745,000	17,045,000	17,210,000	142,057,033
NVTA 30% Funds	37,966,911	8,096,911	4,725,000	3,400,000	3,580,000	5,270,000	1,560,000	1,685,000	3,315,000	1,945,000	2,080,000	2,310,000	29,870,000
Prior Capital Funding	2,506,025	2,506,025	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	5,000	5,000	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	3,250,000	3,250,000	0	0	0	0	0	0	0	0	0	0	0
TIP	5,061,967	3,374,000	452,967	385,000	0	50,000	150,000	70,000	0	135,000	175,000	270,000	1,687,967
Use of CIP Designated Fund Balance	1,700,000	1,700,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds (NRB)	7,980,207	7,980,207	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**339,716,034**	**166,101,034**	**11,950,000**	**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**	**173,615,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding plan updated to reflect WMATA's Proposed FY 2022 – FY 2027 CIP, and availability of prior year balances and NVTC trust funds to fund FY 2022 capital subsidy. See table on next page.

PROJECT DESCRIPTION & JUSTIFICATION

This project funds capital infrastructure improvements by participating governments including the City of Alexandria for the Washington Area Metropolitan Transit Authority (WMATA). In addition, this project also funds the newly mandated local match for the dedicated funding source created by the Virginia General Assembly to support the WMATA Capital Program.

WMATA has proposed a 6-year Capital Improvement Program of $13.7 billion for FY 2022 – FY 2027. For FY 2022, WMATA's capital improvement budget is $2.8 billion, of which Alexandria's portion is $16.9 million, which is comprised of a $12.8 million direct subsidy and a $4.1 million match of state funds.

In 2018, the Virginia General Assembly, along with the Maryland General Assembly and the Washington D.C. City Council, passed legislation to create a dedicated funding stream to support WMATA's capital program. This dedicated funding source impacts both the City's contribution to the WMATA Capital subsidy, and the availability of regional transportation funds (i.e. NVTA 30%). The FY 2021 – FY 2030 CIP reflects the impact of the dedicated funding legislation.

The legislation passed by the General Assembly in 2018 also stipulated that the participating jurisdictions provide a local match to the dedicated funding. The local match for Virginia jurisdictions totals $27.12 million annually, of which each jurisdiction's share of the match is calculated annually based on their portion of the annual capital contribution to WMATA. For FY 2022, the City's local match is estimated to be $4.1 million.

The City also assumes the use of state funds received through and held in trust by NVTC to support WMATA Capital Contributions for FY 2022 – FY 2030. This funding source is not appropriated by the City as NVTC pays these funds to WMATA on the City's behalf.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

WMATA Capital Contributions (continued)

FY 2022 Sources and Uses		FY 2022 Amount
Uses		
WMATA Capital Subsidy Estimate	$	12,775,000
DRPT Local Match Estimate	$	4,100,000
Total Uses	**$**	**16,875,000**
Sources		
Appropriated Sources		
TIP	$	452,967
NVTA 30% Funds	$	4,725,000
GO Bonds	$	6,772,033
Subtotal	*$*	*11,950,000*
Prior Year Balances Appropriated for WMATA Subsidy		
TIP	$	150,000
NVTA 30% Funds	$	1,275,000
Subtotal	*$*	*1,425,000*
Non-Appropriated Sources		
NVTC Trust Fund	$	3,500,000
Subtotal	*$*	*3,500,000*
Total Sources	**$**	**16,875,000**

Calculation of FY 2022 CIP Amount		FY 2022 Amount
Total Uses	$	16,875,000
Less NVTC Trust Fund	$	(3,500,000)
Less Prior Year Balances	$	(1,425,000)
Total Sources	**$**	**11,950,000**

TRANSIT CORRIDOR A - ROUTE 1

DOCUMENT SUBSECTION:	High Capacity Transit Corridors	PROJECT LOCATION:	Route 1 between Potomac Ave. & East Glebe Rd.
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Potomac Yard/Potomac Greens
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**29,853,743**	**29,853,743**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
GO Bonds	1,325,000	1,325,000	0	0	0	0	0	0	0	0	0	0	0
NVTA 70% Funds	660,000	660,000	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	23,673,743	23,673,743	0	0	0	0	0	0	0	0	0	0	0
TIP	4,195,000	4,195,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**29,853,743**	**29,853,743**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

The Route 1 Transitway is the first segment of a 5-mile 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. The project is 0.8 miles along Route 1 between Potomac Avenue and East Glebe Road. While the project ultimately calls for dedicated lanes for transit along the majority of the Crystal City/Potomac Yard corridor, in the interim, vehicles will operate in mixed traffic between East Glebe and Four Mile Run and between Potomac Avenue and the Braddock Road Metrorail station.

Remaining funding from the original construction project will be used in FY 2022 and into early 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. 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.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

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
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**87,190,000**	**12,190,000**	**0**	**0**	**14,200,000**	**20,800,000**	**40,000,000**	**0**	**0**	**0**	**0**	**0**	**75,000,000**
Financing Plan													
NVTA 70% Funds	87,190,000	12,190,000	0	0	14,200,000	20,800,000	40,000,000	0	0	0	0	0	75,000,000
Financing Plan Total	**87,190,000**	**12,190,000**	**0**	**0**	**14,200,000**	**20,800,000**	**40,000,000**	**0**	**0**	**0**	**0**	**0**	**75,000,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding schedule updated to reflect $75 million NVTA 70% grant approved in June 2020, as part of the NVTA FY 2020 – FY 2025 six-year funding program. This is in addition to the $12 million awarded in the FY 2018- FY 2023 program.

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 and the King Street – Old Town 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. Corridor B was the third priority transitway in the City, behind Corridors A and C, and therefore saw later implementation of recommendations. Based on the Council actions, staff sought and obtained $75 million of regional transportation funding (FY 2020 - 2025 NVTA 70% funds) in June 2020 that can be used for planning, design, right-of-way, construction, and asset acquisition such as buses and shelters.

In FY 2022, a community engagement process will update 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 and City Council approval of the conceptual plan, the project will move into the design phase, environmental analysis, and right-of-way tasks in FY 2023, followed by construction in approximately FY 2025. Construction will likely be phased depending on the results of the outreach findings as well as adjacent private redevelopment projects.

As part of the Northern Virginia Transportation Authority (NVTA) 70% Regional project funding, the City received $12 million in FY 2018 - FY 2023 funds to be used toward environmental and design work associated with this project.

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

No additional operating impacts identified at this time.

TRANSIT CORRIDOR "C" - WEST END TRANSITWAY

DOCUMENT SUBSECTION:	High Capacity Transit Corridors	PROJECT LOCATION:	Van Dorn/Beauregard Corridor
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Beauregard
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**74,799,997**	**5,400,000**	**8,171,388**	**4,028,612**	**23,610,244**	**33,589,753**	**0**	**0**	**0**	**0**	**0**	**0**	**69,399,997**
Financing Plan													
NVTA 70% Funds	4,600,000	2,400,000	2,200,000	0	0	0	0	0	0	0	0	0	2,200,000
State/Federal Grants	68,099,997	900,000	5,971,388	4,028,612	23,610,244	33,589,753	0	0	0	0	0	0	67,199,997
TIP	2,100,000	2,100,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**74,799,997**	**5,400,000**	**8,171,388**	**4,028,612**	**23,610,244**	**33,589,753**	**0**	**0**	**0**	**0**	**0**	**0**	**69,399,997**
Operating Impact	15,434,100	0	0	0	0	0	2,400,000	2,472,000	2,456,200	2,622,500	2,701,200	2,782,200	15,434,100

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

Consistent with the City's 2008 Transportation Master Plan and the recommendations of the High Capacity Transit Corridor Work Group, (approved by Council in September 2011), 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. The overall cost of the project has increased due to changes related to right of way acquisition. Under the Beauregard SAP (2012), it was anticipated that redevelopment of multiple parcels along the North Beauregard corridor would provide right of way to the City at no cost. However, the redevelopment along the corridor has not occurred at the rate which was anticipated at that time.

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 in FY 2024 - FY 2025 SMART SCALE funds 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. Right –of-way acquisition is anticipated to be begin in FY 2022. 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

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
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Regional
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,454,491**	**1,454,491**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
CMAQ/RSTP	1,454,491	1,454,491	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,454,491**	**1,454,491**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

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, and planning/design will start in FY 2022.

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
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**6,334,630**	**0**	**0**	**0**	**3,950,230**	**2,384,400**	**0**	**0**	**0**	**0**	**0**	**0**	**6,334,630**
Financing Plan													
State/Federal Grants	6,334,630	0	0	0	3,950,230	2,384,400	0	0	0	0	0	0	6,334,630
Financing Plan Total	**6,334,630**	**0**	**0**	**0**	**3,950,230**	**2,384,400**	**0**	**0**	**0**	**0**	**0**	**0**	**6,334,630**
Operating Impact	39,000	0	0	0	0	0	3,000	3,100	3,200	3,300	21,400	5,000	39,000

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

This project will improve critical infrastructure access 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 would construct new or improved infrastructures such as sidewalks, crosswalks, pedestrian refuge islands for safer crossings and other enhancements to increase safety, access and accessibility to bus rapid transit 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, 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

Landmark Small Area Plan; Vision Zero; Complete Streets; Alexandria Transit Vision Plan

ADDITIONAL OPERATING IMPACTS

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 King Street
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Landmark/Van Dorn/Seminary Hill/Beauregard
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,458,869**	**1,458,869**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
State/Federal Grants	1,458,869	1,458,869	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,458,869**	**1,458,869**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Previous titles for this project were “Van Dorn/Beauregard Bicycle Facilities” and “Van Dorn Street – Beauregard Street Multi-Use Trail”. The project title is updated here to “Beauregard Street Multi-Use Trail”.

PROJECT DESCRIPTION & JUSTIFICATION

The purpose of this project is to design and construct a shared-use bicycle and pedestrian path along Beauregard Street between Fillmore Avenue and King Street, as recommended in the Transportation Master Plan. This facility would provide connections to the Mark Center, Northern Virginia Community College, and Four Mile Run Trail in Arlington. This project will also help meet sustainability goals established in the City’s Environmental Action Plan by increasing mobility, access, safety, and convenience for people walking and biking. This Shared Use path will also complement the future West End Transitway by providing enhanced access to BRT stations along 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 are anticipated to begin in FY 2021. Right-of-way acquisition is expected to begin in FY 2022, and construction is anticipated to start in FY 2023.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Beauregard Small Area Plan; Landmark Van Dorn Corridor Plan; Transportation Master Plan

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

BICYCLE PARKING AT TRANSIT

DOCUMENT SUBSECTION:	Non-Motorized Transportation	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**505,000**	**505,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
State/Federal Grants	505,000	505,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**505,000**	**505,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

Use of bicycles continues to grow as a viable option for people traveling within, to, and through Alexandria. This is in large part due to on and off-street bicycle network improvements, both in the City and the region at large. To enhance mobility options and transportation management, the City will further improve the viability of using a bicycle through the provision of bicycle parking facilities at transit stops, locations with demand proximate to transit and public facilities.

The majority of improvements funded through this project include racks, concrete pads and associated fix-it stations. This project also provides for the implementation of bicycle shelters at transit-proximate demand points.

The project is funded fully through CMAQ and RSTP funds, and no City match is required. Installation of these improvements is scheduled for FY 2022.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

T&ES Strategic Plan; Transportation Master Plan; Pedestrian and Bicycle Master Plan

ADDITIONAL OPERATING IMPACTS

Additional operating impacts will be minimal and limited to repairing and replacing equipment.

CAPITAL BIKESHARE

DOCUMENT SUBSECTION:	Non-Motorized Transportation	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**6,249,748**	**5,349,748**	**400,000**	**250,000**	**250,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**900,000**
Financing Plan													
CMAQ/RSTP	1,652,196	752,196	400,000	250,000	250,000	0	0	0	0	0	0	0	900,000
State/Federal Grants	3,905,561	3,905,561	0	0	0	0	0	0	0	0	0	0	0
TIP	691,991	691,991	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**6,249,748**	**5,349,748**	**400,000**	**250,000**	**250,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**900,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 and began implementation with eight bike share stations as a pilot program in Old Town, using CMAQ/RSTP grant funding. The program expanded to Del Ray and Carlyle in 2014 through the addition of eight stations. Fifteen more stations were added in spring and summer 2016 using grant funding as well as private capital contributions, for a total of 31 stations in Alexandria. In 2021, the City added seven stations purchased from Arlington County and six stations funded with private capital contributions, for a total of 44 stations, focusing installations in the West End.

In FY 2022 and FY 2023, the City anticipates installing 26 stations in coordination with VDOT and five additional privately funded stations. 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 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

DOCUMENT SUBSECTION:	Non-Motorized Transportation	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**17,977,168**	**9,120,168**	**1,511,000**	**761,000**	**773,000**	**786,000**	**800,000**	**814,000**	**829,000**	**844,000**	**861,000**	**878,000**	**8,857,000**
Financing Plan													
Cash Capital	12,553,092	5,988,092	1,469,000	511,000	523,000	536,000	550,000	564,000	579,000	594,000	611,000	628,000	6,565,000
GO Bond Interest Earnings	75,000	75,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	5,013,310	2,721,310	42,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,292,000
Other City Sources	9,766	9,766	0	0	0	0	0	0	0	0	0	0	0
TIP	326,000	326,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**17,977,168**	**9,120,168**	**1,511,000**	**761,000**	**773,000**	**786,000**	**800,000**	**814,000**	**829,000**	**844,000**	**861,000**	**878,000**	**8,857,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

In FY 2021, $500,000 in funding was deferred to FY2022 in response to the COVID-19 public health emergency. In FY 2022 – 2031 CIP funding in the amount of $138,000 has been reduced from FY 2022 based on current project needs. Funding added to project for FY 2031.

PROJECT DESCRIPTION & JUSTIFICATION

This program funds capital infrastructure improvements that enhance the safety, accessibility, mobility, comfort, and convenience of all street users including people walking, biking, using transit, and driving. These improvements shall be planned and implemented in accordance with the 2014 Complete Streets Policy, the 2017 Vision Zero Action Plan, and the 2021 Alexandria Mobility Plan. These projects will ensure compliance with federal regulations that mandate accessibility improvements in all street alteration projects (i.e. the Americans with Disabilities Act) and allows the city to comply with the Commonwealth Transportation Board adopted “Policy for Integrating Bicycle and Pedestrian Accommodations.”

This program addresses gaps in multimodal infrastructure and projects that could require engineering, design, and construction funding to meet the goals of the various guiding plans. Non-motorized transportation network improvements include repairs, upgrades, or the installation of new sidewalks, pedestrian crossings, on-street bicycle facilities, bicycle parking, and access ramps throughout the City. Motorized transportation network improvements include upgrades or the installation of adjustments to intersections, street segments, and travel lanes. The implementation of these improvements is primarily coordinated with the City's annual street resurfacing programs, however improvements are not limited to the resurfacing program.

Through FY 2022, efforts will focus on priority projects defined as high crash locations, equity areas and recommendations from Safe Routes to Schools Walk Audits, Vision Zero Engineering Priority Items, by prioritizing design, striping, signal timing, and smaller-scale construction projects. Efforts will also focus on securing funding, outreach, and design for larger projects to be implemented in later years.

In FY 2022, one Urban Planner III and one Principal Planner position will be funded from this capital project, providing direct support to implement the aforementioned plans and policies as well as capital projects associated with the Vision Zero and Complete Streets programs.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Transportation Master Plan; Complete Streets Policy; Complete Streets Design Guidelines; Eco-City Charter; 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Subtotal: Complete Streets Staffing	*$234,000*
Complete Streets Projects planned, designed, and implemented in accordance with repaving (ADA upgrades, crosswalks, pedestrian signals, data collection, etc.)	
Braddock Rd, Gordon St, Montrose Ave, Howard St, Luray Ave, Allison St, Stewart Ave, Richenbacher Ave, Venable Ave, Monticello Ave, Underwood Pl	$280,000
Subtotal: Complete Streets Projects Planned, Designed, & Implemented In Accordance with Repaving	*$330,000*
Safe Routes to Schools Improvements (not associated with repaving projects)	
Implementation of Walk Audit Recommendations	$100,000
Cora Kelly Curb Extensions (Reed/Edison)	$75,000
Polk Ave Sidewalk	$100,000
Walk Audits Round 2 (Middle and High School Campuses)	$60,000
Subtotal: Safe Route to Schools	*$335,000*
Vision Zero Safety Improvements (Planning, Design, and Implementation Outside of Repaving Projects)	
High Crash intersection audits and design	$200,000
Neighborhood Slow Zone	$125,000
Uncontrolled crossing improvements (RRFB's, Signals, Signage, Striping, etc.)	$75,000
Controlled crossing improvements (Pedestrian Signals, Striping, Signage, etc.)	$50,000
Subtotal: Vision Zero Safety Improvements	*$450,000*
Pedestrian and Bicycle Master Plan Priority Projects (not associated with repaving)	
Upper King Street Multimodal Feasibility & Community Engagement	$75,000
Subtotal: Pedestrian & Bicycle Master Plan Priority Projects	*$75,000*
Other Projects	
Residential Traffic Calming Projects	$40,000
Bicycle Education Classes	$20,000
Citizen requests for improvements (prioritized from previous year)	$27,000
Subtotal: Other Projects	*$87,000*
Total Fiscal Year 2022	$1,511,000

Fiscal Year 2023	
Description	**Amount**
Complete Streets Staffing	$246,000
Complete Streets Projects planned, designed, and implemented in accordance with repaving (ADA upgrades, crosswalks, pedestrian signals, data collection, etc.)	$150,000
Safe Routes to Schools Improvements not associated with paving projects	$50,000
Complete Streets Projects planned, designed, and implemented outside of repaving (ADA upgrades, crosswalks, pedestrian signals, data collection, etc.)	$100,000
Vision Zero Safety Improvements (planning, design, and implementation outside of repav	$150,000
Other Projects (Citizen Requests, Residential Traffic Calming, Bicycle Education)	$65,000
Total Fiscal Year 2023	**$761,000**

Fiscal Year 2024	
Description	**Amount**
Complete Streets Staffing	$258,000
Complete Streets Projects planned, designed, and implemented in accordance with repaving (ADA upgrades, crosswalks, pedestrian signals, data collection, etc.)	$150,000
Safe Routes to Schools Improvements not associated with paving projects	$80,000
Complete Streets Projects planned, designed, and implemented outside of repaving (ADA upgrades, crosswalks, pedestrian signals, data collection, etc.)	$75,000
Vision Zero Safety Improvements (planning, design, and implementation outside of repav	$150,000
Other Projects (Citizen Requests, Residential Traffic Calming, Bicycle Education)	$60,000
Total Fiscal Year 2024	**$773,000**

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 Ramp
MANAGING DEPARTMENT:	Transportation and Environmental Services/ Department of Project Implementation	REPORTING AREA:	Central Alexandria
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**6,760,460**	**2,855,000**	**0**	**0**	**3,905,460**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3,905,460**
Financing Plan													
Cash Capital	310,000	310,000	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	6,450,460	2,545,000	0	0	3,905,460	0	0	0	0	0	0	0	3,905,460
Financing Plan Total	**6,760,460**	**2,855,000**	**0**	**0**	**3,905,460**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3,905,460**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 possibly 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. In addition, 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 traffic analysis is anticipated to be completed in FY 2022, and community engagement and design to begin in FY 2022.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

HOLMES RUN TRAIL CONNECTOR

DOCUMENT SUBSECTION:	Non-Motorized Transportation	PROJECT LOCATION:	Holmes Run Parkway between Ripley Street and North Pickett Street
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Seminary Hill/Landmark/Van Dorn
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	ESTIMATE USEFUL LIFE:	21 – 25 Years

Holmes Run Trail Connector

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,286,218**	**1,286,218**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
GO Bonds	115,676	115,676	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	1,170,542	1,170,542	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,286,218**	**1,286,218**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

This project will provide a shared-use path on the south side of Holmes Run between Ripley Street and North Pickett Street. This will increase mobility, access, and convenience for people walking and biking on Holmes Run Parkway, since there is currently no infrastructure to serve people walking or biking on the north side of the street. The trail will provide new multimodal connections to transit, parks, and the regional trail network for users of all abilities.

The Holmes Run Trail Connector was identified as a priority project in the Transportation Master Plan. This project also supports the sustainability goals outlined in the City's Environmental Action Plan by making sustainable modes of transportation easier and more attractive.

In FY 2022, staff will assess the feasibility of various improvements and evaluate design options along the trail corridor, including environmental requirements and ADA accessibility needs.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Transportation Master Plan; Citywide Park Plan; Eco-City Charter; Environmental Action Plan

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

KING STREET- BRADLEE ROADWAY IMPROVEMENTS

DOCUMENT SUBSECTION:	Non-Motorized Transportation	PROJECT LOCATION:	King Street btw Quaker Lane and Menokin Drive
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	King Street btw Quaker Lane and Menokin Drive
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,000,000**	**0**	**0**	**1,000,000**	**1,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2,000,000**
Financing Plan													
CMAQ/RSTP	2,000,000	0	0	1,000,000	1,000,000	0	0	0	0	0	0	0	2,000,000
Financing Plan Total	**2,000,000**	**0**	**0**	**1,000,000**	**1,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2,000,000**

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2022 – FY 2031 CIP.

PROJECT DESCRIPTION & JUSTIFICATION

This project focuses multimodal and drainage/stormwater improvements on the portion of King Street between Quaker Lane and Menokin Drive. The purpose of the project is to enhance access and safety for people walking, biking, taking transit, and driving in and around the Bradlee and Fairlington areas of King Street, and improve stormwater management. Part of the funding for this project will include drainage and detention facilities to better manage stormwater in this watershed. Each of these elements meets the goals, policies, or planned projects outlined in approved planning documents.

Grant Funding will be used to conduct preliminary engineering and advance concept design plans for the street. Staff have applied for further funding through the SMART SCALE process for FY 2026 - 2027 to finalize design and construct the project.

The projected benefits of the project are increased transportation options, enhanced multimodal traffic safety and connectivity, and environmental benefits related to stormwater management.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

City Strategic Plan; Transportation Master Plan/Alexandria Mobility Plan; Environmental Action Plan; Alexandria Transit Vision; Vision Zero; Complete Streets; WMATA Momentum

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

MT. VERNON AVENUE NORTH COMPLETE STREETS

DOCUMENT SUBSECTION:	Non-Motorized Transportation	PROJECT LOCATION:	Mt. Vernon Ave corridor, from W Glebe Rd to northern City Limit
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Potomac West
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,000,000**	**1,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	180,000	180,000	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	520,000	520,000	0	0	0	0	0	0	0	0	0	0	0
TIP	300,000	300,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,000,000**	**1,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP. Prior year budget transfers and partitioning of state grants from parent project increased appropriated to date project funding from $520,000 to $1,000,000.

PROJECT DESCRIPTION & JUSTIFICATION

This project will design and construct traffic safety and accessibility improvements on Mount Vernon Avenue from the northern City boundary south to West Glebe Road. Many improvements for this corridor were identified in the Transportation Master Plan Chapter's Pedestrian Case Study for the Mount Vernon Avenue corridor. Improvements were also identified during prior outreach efforts conducted with the community and through outreach associated with the Arlandria Small Area Plan update.

This project addresses multiple issues including a high crash history, complicated intersections with challenging geometry,right-of-way issues, and frequent, uncontrolled pedestrian crossings in a high-activity area for residents of the Arlandria neighborhood. Elements of the project could include intersection improvements, bus stop upgrades, repairs or enhancements to sidewalks and pedestrian crossings, ADA accessible ramps and bicycle facilities and parking throughout the corridor. Community engagement to determine specific improvements will continue in FY 2022.

This project is of regional interest because it is occurring in an Equity Emphasis Area as identified by the Metropolitan Council of Government's Transportation Planning Board.

This project is funded through a combination of state, federal, CMAQ, and local/TIP funding. The improvements funded must follow the original requirements of the funds, such as addressing Congestion Mitigation and Air Quality, etc.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Pedestrian and Bicycle Master Plan; Vision Zero; Transportation Master 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
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**850,000**	**850,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
GO Bond Interest Earnings	85,000	85,000	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	750,000	750,000	0	0	0	0	0	0	0	0	0	0	0
TIP	15,000	15,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**850,000**	**850,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

This project will construct mobility, safety, and access improvements at the intersection of the Mount Vernon Trail, East Abingdon Drive, Slater's Lane, and George Washington Parkway 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. The Mount Vernon Trail is necessary in supporting a multi-modal environment and providing local and regional connectivity necessary to support local tourism and businesses.

Design is expected to be completed in FY 2021 and right of way acquisition is anticipated to begin in FY 2022. Because coordination with the National Park Service is required as part of this project, construction is expected to begin in FY 2023.

The total project funding is $850,000, including $750,000 in SAFETEA-LU funding that is administered through the Northern Virginia Regional Commission (NVRC) and $100,000 in Transportation Improvement Program (TIP) funding.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

T&ES Strategic Plan; Transportation Master Plan; Pedestrian and Bicycle Master 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
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**8,359,000**	**3,545,000**	**0**	**1,646,273**	**1,122,727**	**2,045,000**	**0**	**0**	**0**	**0**	**0**	**0**	**4,814,000**
Financing Plan													
GO Bonds	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	8,259,000	3,445,000	0	1,646,273	1,122,727	2,045,000	0	0	0	0	0	0	4,814,000
Financing Plan Total	**8,359,000**	**3,545,000**	**0**	**1,646,273**	**1,122,727**	**2,045,000**	**0**	**0**	**0**	**0**	**0**	**0**	**4,814,000**
Operating Impact	88,400	0	0	0	0	9,100	9,400	9,700	13,000	13,400	16,800	17,000	88,400

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

This project will construct a 0.5 mile shared-use path between Hooffs Run Drive and South Payne Street, which includes 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 was identified as one of the top 3 priority trail projects in the Transportation Master 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.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Transportation Master Plan, Eisenhower East Small Area Plan

ADDITIONAL OPERATING IMPACTS

Trail clearing and snow removal. Trail resurfacing and periodic signage replacement will also be necessary.

SEMINARY / HOWARD SAFETY IMPROVEMENTS

DOCUMENT SUBSECTION:	Non-Motorized Transportation	PROJECT LOCATION:	Seminary Road at North Howard Street
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Seminary Hill
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**377,990**	**377,990**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
State/Federal Grants	377,990	377,990	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**377,990**	**377,990**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

This project will provide safety upgrades for motorists and pedestrians walking in 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 Transportation Master Plan, adopted in 2016. 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**10,303,269**	**4,989,469**	**309,000**	**636,600**	**327,900**	**675,400**	**347,800**	**716,500**	**369,000**	**760,100**	**391,500**	**780,000**	**5,313,800**
Financing Plan													
Cash Capital	3,689,469	3,689,469	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	600,000	600,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	6,013,800	700,000	309,000	636,600	327,900	675,400	347,800	716,500	369,000	760,100	391,500	780,000	5,313,800
Financing Plan Total	**10,303,269**	**4,989,469**	**309,000**	**636,600**	**327,900**	**675,400**	**347,800**	**716,500**	**369,000**	**760,100**	**391,500**	**780,000**	**5,313,800**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 2022 – FY 2024 Project List

Fiscal Year 2022
Description
Eisenhower Avenue from Mill Road to Holland Lane
West Braddock Road from King Street to Russell Road
North and South Washington Street from First Street to Church Street
North Howard Street from North Jordan Street to Raleigh Avenue
Executive Avenue from Kentucky Avenue to Mount Vernon Avenue
Kentucky Avenue from Old Dominion Boulevard to Russell Road
Alabama Avenue from Kentucky Avenue to Carolina Place
East and West Luray Avenue from West Braddock Avenue to Leslie Avenue
Monticello Blvd from Cameron Mills to Russell Road
Allison Street from Valley Drive to Old Dominion Boulevard
Echols Avenue from Seminary Road to North Stevens Street
Burgess Avenue Entire Length (Exclude Service Road)
Aspen Street from Landover Street to Russell Road (Exclude Service Road)
Guthrie Avenue from Landover Street to Mosby Street (Exclude Service Road)
Holly Street from Aspen Street to West Mt Ida Avenue
Birch Street from Holly Street to Russell Road
Pine Street from Holly Street to Russell Road
Evans Lane from Richmond Highway to East Reed Avenue
Lynhaven Drive from Wilson Avenue to End
Diagonal Road from Dangerfield Road to King Street
Montrose Avenue from East Raymond Avenue to Richmond Highway
Stewart Avenue from Mount Vernon Avenue to East Randolph Avenue
Anderson Lane from West Windsor Avenue to Richards Lane
Richards Lane from Anderson Lane to West Windsor Avenue
North Garland Street from Fort Worth Avenue to End
Richenbacher Avenue from North Van Dorn Street to North Pickett Street
South Gordon Street from Duke Street to Wheeler Avenue
Venable Avenue from South Jordan Street to South Iris Street
Underwood Place from South Ingram Street to End
Cathedral Drive from Trinity Drive to End
Benning Court from North Chambliss Street to End
South Ingram Street from Duke Street to Vermont Avenue
Greenwood Place from Seminary Road to End
Knox Place Entire Length
Rutland Place from North Pickett Street to End
East and West Nelson Avenue from Russell Road to Leslie Avenue
George Mason Place from Monticello Boulevard to End
Westminster Place from Monticello Boulevard to End
Terrett Avenue from East Mt Ida to East Randolph Avenue
Usher Avenue from South Floyd Street to South Early Street
Colfax Avenue from Seminary Road to North Rosser Street
North Beauregard Street from Seminary Road to King Street
King James Place from Seminary Road to End
Dulaney Street from Duke Street to End
North Early Street from West Braddock Road to End

Sidewalk Capital Maintenance (continued)

Sidewalk Capital Maintenance FY 2022 – FY 2024 Project List (continued)

Fiscal Year 2023
Description
Eisenhower Ave Concrete from 1000' W of Cameron Park Place to Lake Cook Entrance
Gibbon St from South Payne Street to South Union Street
Griffith Place from Fort Williams to end
John Carlyle Street from Eisenhower Avenue to Duke Street
North Dearing Street from King Street to end
Sanger Avenue from South Van Dorn to end
Quantrell Lane 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 End
Earl Street from Oronoco Street to Princess Street
Tower Court from South Whiting Street End
Florence Drive from West Glebe Road to End
Four Mile Road from Mount Vernon to Florence Drive
West Caton Avenue from Sanford Avenue 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 to End
Clermont Avenue from Eisenhower Avenue to End
Cockrell Court from Duke Street to End
Coventry Lane from Gibbons to End
East and West Oak Street from Mount Vernon Avenue to Russell Road
East Uhler from Mount Avenue Commonwealth Avenue
Englehardt Lane from Jamieson Avenue to End
Farrington Avenue to South Van Dorn to the City Limits
Saylor Place Entire Length
Garden Drive from Usher Avenue to Vermont Avenue
South 28th Street from King Street to End
North Stevenson from Fillmore to End
Palmer Place from Polk Avenue End
Pender Court from Palmar Place to End
Hancock Avenue from West Braddock Road to End
Key Drive from Francis Hammond Parkway to End
Jackson Place from Woodland Terrace to Tyler Place

(FY 2023 Continued on next page)

Sidewalk Capital Maintenance (continued)

Sidewalk Capital Maintenance FY 2022 – FY 2024 Project List (continued)

Fiscal Year 2023 (Cont.)
Description
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
Maris Avenue from North Van Dorn Street
Beverley Drive from Valley Drive Washington Circle
Moss Place from Fort Worth Avenue to End
Notabane 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 Road
Jamieson Avenue from Anderson Lane to End
Vasser Road from Cambridge to End (Vasser Place)

Sidewalk Capital Maintenance (continued)

Sidewalk Capital Maintenance FY 2022 – FY 2024 Project List (continued)

Fiscal Year 2024
Description
Duke Street from Dulany St to Route 1
S Washington Street from I-395 to Duke
N Washington Street from Cameron Street to First Street
King Street from Janeys Lane to Dangerfield Rd
Cloverway Drive from Dartmouth Road to Janneys Lane
Holland Street from Duke to Eisenhower Avenue
Dale Stret from Edison Street to End
Oakley Place from East timber Brach Parkway to end
Orleans Place from N Gailand Street to end
Ormond Avenue from North Gailand Street to North Howard
Sylvan Court from Trinty Drive to end
Edison Street from West Reed Avenue to end
North Clarens Street from Trinity Drive to end
North Breckinridge Place from Lincolnia Road to end
Murray Avenue from Swann Avenue to Calvert Avenue
Oakville Street from Swann Ave to Fannon Street
Fannon Street from Richmond Highway End
Juliana Place from North Picket St to End
North Breckinridge Place from Lincolnia Road to end

CITYWIDE PARKING - PARKING TECHNOLOGIES

DOCUMENT SUBSECTION:	Smart Mobility	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,860,169**	**1,403,365**	**206,804**	**250,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**456,804**
Financing Plan													
CMAQ/RSTP	623,629	623,629	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	1,236,540	779,736	206,804	250,000	0	0	0	0	0	0	0	0	456,804
Financing Plan Total	**1,860,169**	**1,403,365**	**206,804**	**250,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**456,804**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $243,196 reduced in FY 2022 via a Technical Adjustment. Subsequent to the presentation of the Proposed FY 2022 – FY 2031 CIP, staff was informed that the Virginia Department of Transportation (VDOT) had made updates to its CMAQ/RSTP plan and the revenue growth assumptions in that plan have resulted in a reduced availability of funds for jurisdictional projects. To address the $243,196 gap that results in FY 2022, Council approved reducing the Parking Technologies project to correspond with the grant reduction.

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 2021 and will continue each year thereafter as funding is available. In FY 2022, 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

T&ES Strategic Plan; Old Town Area Parking Study;
Del Ray Parking Study

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

EISENHOWER BROADBAND COMMUNICATIONS LINK

DOCUMENT SUBSECTION:	Smart Mobility	PROJECT LOCATION:	4600 - 5700 Eisenhower Ave
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Eisenhower West
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,000,000**	**1,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
State/Federal Grants	1,000,000	1,000,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,000,000**	**1,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous 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. This project is being coordinated with the Information Technology Services Department to align with the City's Municipal Fiber project to reduce costs.

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. It could also possibly serve as a segment of the potential citywide broadband initiative. Design is underway and will continue through FY 2022. Design is expected to be completed in FY 2023 with construction beginning in FY 2024.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

INTELLIGENT TRANSPORTATION SYSTEMS (ITS) INTEGRATION

DOCUMENT SUBSECTION:	Smart Mobility	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**20,975,658**	**15,891,108**	**1,000,000**	**400,000**	**600,000**	**3,084,550**	**0**	**0**	**0**	**0**	**0**	**0**	**5,084,550**
Financing Plan													
Cash Capital	37,629	37,629	0	0	0	0	0	0	0	0	0	0	0
CMAQ/RSTP	3,084,550	0	0	0	0	3,084,550	0	0	0	0	0	0	3,084,550
State/Federal Grants	15,498,892	13,498,892	1,000,000	400,000	600,000	0	0	0	0	0	0	0	2,000,000
TIP	2,354,587	2,354,587	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**20,975,658**	**15,891,108**	**1,000,000**	**400,000**	**600,000**	**3,084,550**	**0**	**0**	**0**	**0**	**0**	**0**	**5,084,550**
Operating Impact	3,811,300	0	0	363,100	376,500	390,600	405,400	420,900	437,200	454,300	472,200	491,100	3,811,300

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 Muncipal 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 construction will begin in FY 2022. 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 provde staff support for this project and coordinate with the ITS Department regarding technology aspects of this project.
- The design for Phase IV will occur during FY 2022 and construction is scheduled to begin in 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 survaillence cameras. This project may be constructed in coordination with the Municpal Fiber project to reduce costs and limit disturbance to the community.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

Full implementation of the project will likely require additional staffing at the Traffic Operations Center and funding for ongoing software support/maintenance contract.

TRAFFIC CONTROL UPGRADE

DOCUMENT SUBSECTION:	Smart Mobility	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,519,900**	**550,000**	**103,000**	**138,200**	**175,200**	**202,800**	**208,800**	**215,000**	**221,400**	**228,200**	**235,100**	**242,200**	**1,969,900**
Financing Plan													
Cash Capital	2,469,900	500,000	103,000	138,200	175,200	202,800	208,800	215,000	221,400	228,200	235,100	242,200	1,969,900
Private Capital Contributions	50,000	50,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**2,519,900**	**550,000**	**103,000**	**138,200**	**175,200**	**202,800**	**208,800**	**215,000**	**221,400**	**228,200**	**235,100**	**242,200**	**1,969,900**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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.

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 will be 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.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

TRANSPORTATION TECHNOLOGIES

DOCUMENT SUBSECTION:	Smart Mobility	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**3,754,312**	**1,620,312**	**0**	**265,300**	**0**	**281,500**	**0**	**298,500**	**309,500**	**316,800**	**326,300**	**336,100**	**2,134,000**
Financing Plan													
GO Bonds	115,000	115,000	0	0	0	0	0	0	0	0	0	0	0
Reprogrammed TIP Bonds	95,312	95,312	0	0	0	0	0	0	0	0	0	0	0
TIP	3,544,000	1,410,000	0	265,300	0	281,500	0	298,500	309,500	316,800	326,300	336,100	2,134,000
Financing Plan Total	**3,754,312**	**1,620,312**	**0**	**265,300**	**0**	**281,500**	**0**	**298,500**	**309,500**	**316,800**	**326,300**	**336,100**	**2,134,000**
Operating Impact	26,300	0	0	2,600	2,700	2,700	2,800	2,900	3,000	3,100	3,200	3,300	26,300

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 install data collection, signal detection, parking technologies, and the City's first pavement sensors were installed to assist in snow removal operations.

In FY 2022, funding will be used to deploy additional pavement sensors, parking garage technology and data collection that will enable better analysis of traffic trends and real time decision making. Funds are 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 is being evaluated for FY 2022.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

Annual licensing agreements will increase in cost as new sensors and monitoring systems come online.

DASH ELECTRONIC FARE PAYMENT

DOCUMENT SUBSECTION:	Smart Mobility	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	ESTIMATE USEFUL LIFE:	16 - 20 Years

DASH Electronic Fare Payment

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,200,000**	**1,200,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
CMAQ/RSTP	1,200,000	1,200,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,200,000**	**1,200,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	627,900	0	0	61,800	63,700	65,600	67,500	69,600	71,600	73,800	76,000	78,300	627,900

CHANGES FROM PRIOR YEAR CIP

RSTP funding in the amount of $350,000 was included for FY 2022 in the FY 2022 – 2031 Proposed Budget, but removed for the Approved budget. No change from previous CIP (FY 2021 – 2030).

PROJECT DESCRIPTION & JUSTIFICATION

This project will fund the next generation of fare payment hardware in the DASH bus fleet. DASH is pursuing a dual approach with regard to fare payment technology, maintaining full interoperability with the regional SmarTrip system while also continuing to develop and evaluate the *DASH Bus* mobile ticketing app.

The Washington Metropolitan Area Transit Authority (WMATA) has recently made key investments to extend the life of the SmarTrip system, including launching virtual SmarTrip cards in Apple Wallet (Android coming soon), the SmarTrip mobile app, an upcoming overhaul of the back-end system, and new next-generation fareboxes. These additions allow customers to add funds to their cards in real-time instead of waiting 24-48 hours as they did in the old system. Virtual SmarTrip cards using NFC technology also allow for contactless fare payment upon boarding. This project will fund the acquisition of WMATA's new SmarTrip-compatible fareboxes.

At the same time, the *DASH Bus* mobile app provides additional capabilities beyond the SmarTrip system. These include special fare partnerships for groups such as Alexandria's high school students and the ability to add funds using cash at a variety of local convenience and drug stores. This project will also fund electronic validation hardware for the *DASH Bus* mobile app, or a potential regionally-integrated successor mobile app.

This project is funded by an allocation of Regional Surface Transportation Program (RSTP) funds. Procurement is expected to proceed in FY 2022, following WMATA's completion of its next-generation farebox contract and further regional consensus regarding fare payment strategy. DASH and the City are coordinating investments closely with the Northern Virginia Transportation Commission (NVTC), WMATA and other regional partners.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

Additional annual fees in DASH's contract with the mobile app vendor to support electronic validators. DASH estimates that the annual fee will be roughly $500-600 per bus, which would be roughly $50,000-$60,000 per year. This additional ongoing cost is not included as part of this project application.

DASH SCHEDULING SOFTWARE

DOCUMENT SUBSECTION:	Smart Mobility	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	ESTIMATE USEFUL LIFE:	

DASH Scheduling Software

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**477,568**	**477,568**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
State/Federal Grants	477,568	477,568	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**477,568**	**477,568**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2022 – FY 2031 CIP. This project received CMAQ funding in FY 2021 via the December 2020 Supplemental Appropriation Ordinance.

PROJECT DESCRIPTION & JUSTIFICATION

This project will upgrade the scheduling and routing software platform for Alexandria Transit Company (DASH). Scheduling software is the heart of any fixed-route transit operation. It creates the basic schedules, timetable, and bus/operator assignments, which feed into several downstream functions and other systems, including employee scheduling, vehicle dispatching, payroll, and all customer information from paper Ride Guides to real-time bus arrival screens, websites, and mobile apps. DASH currently uses software that is over two decades old and was designed for much smaller agencies. This upgrade will result in better roster optimizations, easier compliance with labor rules from the new Collective Bargaining Agreement (CBA), fewer software bugs, electronic bidding for bus operators, and more accurate reporting of operating statistics. Critically, this project will also enable DASH to more efficiently design, optimize, and implement the New DASH Network launch, which is expected to significantly increase bus ridership in the City more efficiently.

Implementation of the new software is expected to be complete in FY 2022. The project is funded by an allocation of Congestion Mitigation / Air Quality (CMAQ) funds.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Alexandria Transit Vision Plan

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

DASH TECHNOLOGIES

DOCUMENT SUBSECTION:	Smart Mobility	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,005,745**	**150,000**	**0**	**600,000**	**255,745**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**855,745**
Financing Plan													
CMAQ/RSTP	855,745	0	0	600,000	255,745	0	0	0	0	0	0	0	855,745
NVTA 70% Funds	150,000	150,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,005,745**	**150,000**	**0**	**600,000**	**255,745**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**855,745**
Operating Impact	444,500	0	0	0	50,000	51,500	53,000	54,600	56,300	58,000	59,700	61,400	444,500

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 will 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. The project is funded by an allocation of Regional Surface Transportation Program (RSTP) funding with funds becoming available in FY 2023

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, additional 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.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Smart Mobility Program

ADDITIONAL OPERATING IMPACTS

Annual fee for licensing and support of data systems implemented by this project.

TRAFFIC ADAPTIVE SIGNAL CONTROL

DOCUMENT SUBSECTION:	Smart Mobility	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**7,675,900**	**0**	**5,266,347**	**2,409,553**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7,675,900**
Financing Plan													
State/Federal Grants	7,675,900	0	5,266,347	2,409,553	0	0	0	0	0	0	0	0	7,675,900
Financing Plan Total	**7,675,900**	**0**	**5,266,347**	**2,409,553**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7,675,900**
Operating Impact	330,800	0	0	30,000	31,500	33,100	34,700	36,500	38,300	40,200	42,200	44,300	330,800

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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.

- Phase I began in FY 2021 and will be finalized in FY 2022. Construction is anticipated to start in FY 2022.
- Phase II design is anticipated to begin in FY 2023.

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.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Smart Mobility Framework Plan

ADDITIONAL OPERATING IMPACTS

A software support/maintenance agreement costing approximately $30,000/year will be needed to maintain this asset.

TRANSIT SIGNAL PRIORITY

DOCUMENT SUBSECTION:	Smart Mobility	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Themes 4 & 10	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,255,491**	**1,255,491**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
NVTA 30% Funds	60,000	60,000	0	0	0	0	0	0	0	0	0	0	0
NVTA 70% Funds	1,195,491	1,195,491	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,255,491**	**1,255,491**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 will be 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. 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 faster using 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 would also support 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.

BRIDGE REPAIRS

DOCUMENT SUBSECTION:	Streets & Bridges	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**43,517,975**	**10,989,975**	**2,151,000**	**2,373,000**	**2,583,000**	**2,775,000**	**2,977,000**	**3,167,000**	**3,660,000**	**4,572,000**	**3,670,000**	**4,600,000**	**32,528,000**
Financing Plan													
Cash Capital	2,942,975	2,942,975	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	14,000	14,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	39,911,000	7,383,000	2,151,000	2,373,000	2,583,000	2,775,000	2,977,000	3,167,000	3,660,000	4,572,000	3,670,000	4,600,000	32,528,000
TIP	650,000	650,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**43,517,975**	**10,989,975**	**2,151,000**	**2,373,000**	**2,583,000**	**2,775,000**	**2,977,000**	**3,167,000**	**3,660,000**	**4,572,000**	**3,670,000**	**4,600,000**	**32,528,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding plan updated to reflect current project schedule and timing. Funding schedule also updated to reflect addition of bridge inventory within City parks into program.

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 reproritization schedule that focuses on the inspection schedule is continously 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 2022 – FY 2031 Project List

Fiscal Year 2022	
Description	Amount
Van Dorn Street over Holmes Run	$1,500,000
Routine Inspection and Consulting Services	$200,000
Routine Bridge Maintenance	$451,000
Total Fiscal Year 2022	**$2,151,000**

Fiscal Year 2023	
Description	Amount
Cameron Station Overpass over Duke Street	$1,000,000
Van Dorn Street over Duke Street	$740,000
Routine Inspection and Consulting Services	$210,000
Routine Bridge Maintenance	$423,000
Total Fiscal Year 2023	**$2,373,000**

Fiscal Year 2024	
Description	Amount
Duke Street Over Holmes Run	$700,000
Ben Brenman Bridge	$1,270,000
Routine Inspection and Consulting Services	$220,000
Routine Bridge Maintenance	$393,000
Total Fiscal Year 2024	**$2,583,000**

NOTE: Identified bridge maintenance projects based on current inspection records which are subject to change based on future inspection and program prioritization efforts.

CITY STANDARD CONSTRUCTION SPECIFICATIONS

DOCUMENT SUBSECTION:	Streets & Bridges	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Project Implementation	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	6 - 10 Years

City Standard Construction Specifications

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**200,000**	**200,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0
TIP	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**200,000**	**200,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

The Department of Project Implementation (DPI) is developing standard City of Alexandria construction specifications to reference and include in contracts for CIP projects. Currently, the City pays consultants to develop specifications on a project by project basis. Creating standard specifications allows consultants to only have to write special provisions, reducing consultant fees. This will result in savings of tens of thousands of dollars per year and more consistency in documents. By having standard specifications, DPI can streamline and improve the procurement process while saving money over time by not having to pay contractors to develop specifications for each project. In addition to the savings, providing contractors with standard specifications documents provides greater clarity in the bidding process and will allow contractors to develop more familiarity with the City's requirements. This will likely reduce the frequency and number for change orders during the construction process.

The preparation of City Standard construction Specification is underway and is anticipated to be completed Summer of 2021.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

EAST GLEBE & ROUTE 1

DOCUMENT SUBSECTION:	Streets & Bridges	PROJECT LOCATION:	Route 1 at E. Glebe Road
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Potomac Yard/Potomac Greens
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**4,600,000**	**4,600,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Private Capital Contributions	4,600,000	4,600,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**4,600,000**	**4,600,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from prior year CIP.

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. 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.

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 developer contributions. As such, the timing of this project is dependent on when the contributing developer projects reach the milestones associated with contributions toward this project.

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 & Bridges	PROJECT LOCATION:	Eisenhower Ave. from Mill Road to Holland Lane
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Eisenhower East
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**11,560,837**	**11,560,837**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	660,652	660,652	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	1,338,554	1,338,554	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	550,000	550,000	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	37,829	37,829	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	7,873,802	7,873,802	0	0	0	0	0	0	0	0	0	0	0
TIP	1,100,000	1,100,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**11,560,837**	**11,560,837**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $2.2 million was transferred to this project budget to address a construction cost shortfall in FY 2020 via a supplemental appropriation ordinance. This included funds transferred from the Van Dorn Metrorail Station Improvements and Montgomery Street Reconstruction projects, and available Bond Interest Earnings.

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. Project construction will occur in FY 2022 through 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**36,322,701**	**24,196,701**	**875,500**	**2,493,400**	**956,300**	**985,000**	**1,043,500**	**1,074,800**	**1,107,000**	**1,140,300**	**1,207,100**	**1,243,100**	**12,126,000**
Financing Plan													
Cash Capital	10,181,877	10,181,877	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	1,250,000	1,250,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	19,308,953	7,182,953	875,500	2,493,400	956,300	985,000	1,043,500	1,074,800	1,107,000	1,140,300	1,207,100	1,243,100	12,126,000
Prior Capital Funding	3,701,070	3,701,070	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	593,372	593,372	0	0	0	0	0	0	0	0	0	0	0
TIP	1,287,429	1,287,429	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**36,322,701**	**24,196,701**	**875,500**	**2,493,400**	**956,300**	**985,000**	**1,043,500**	**1,074,800**	**1,107,000**	**1,140,300**	**1,207,100**	**1,243,100**	**12,126,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous 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.

Funding is also provided for replacement of the multi-space parking meters in Old Town in FY 2023 ($1.5 milion), which will have reached the end of their useful life and will be replaced with newer style pay by licensce 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 2022 – FY 2024 Project List

Fiscal Year 2022	
Description	Amount
Reconstruct signal at Stevenson & Walker	$130,000
Reconstruct signal at Stevenson & Whiting	$150,000
Reconstruct signal at Stevenson & BJs	$140,000
Reconstruct signal at King & N Hampton	$150,000
Reconstruct signal at Seminary & Pickett	$135,000
New Signal (Undermined Location)	$150,000
Repair knockdowns from accidents	$20,500
Total Fiscal Year 2022	**$875,500**

Fiscal Year 2023	
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
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 accidents	$28,400
Repair and upgrade of traffic signal vehicle detection	$30,000
Total Fiscal Year 2023	**$2,493,400**

Fiscal Year 2024	
Description	Amount
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 accidents	$26,300
Repair and upgrade of traffic signal vehicle detection	$30,000
Total Fiscal Year 2024	**$956,300**

FOUR MILE RUN BRIDGE PROGRAM

DOCUMENT SUBSECTION:	Streets & Bridges	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**30,000,000**	**6,000,000**	**7,000,000**	**7,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**10,000,000**	**24,000,000**
Financing Plan													
GO Bonds	30,000,000	6,000,000	7,000,000	7,000,000	0	0	0	0	0	0	0	10,000,000	24,000,000
Financing Plan Total	**30,000,000**	**6,000,000**	**7,000,000**	**7,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**10,000,000**	**24,000,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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.

KING & BEAUREGARD INTERSECTION IMPROVEMENTS

DOCUMENT SUBSECTION:	Streets & Bridges	PROJECT LOCATION:	King Street / North Beauregard Street / Walter Reed Drive
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Alexandria West
		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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**17,977,862**	**17,977,862**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	133,700	133,700	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	1,371,300	1,371,300	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	460,562	460,562	0	0	0	0	0	0	0	0	0	0	0
Prior Capital Funding	19,600	19,600	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	15,992,700	15,992,700	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**17,977,862**	**17,977,862**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

This project provides for traffic flow 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 an additional left turn lane in each direction on King Street, medians, and a 10' shared use path on portions of King Street and North Beauregard Street. 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 underway and is anticipated to be complete in winter of 2021. Phase II construction is anticipated to begin in winter of 2022 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. Completion of this project will also help mitigate some of the BRAC-133 impacts.

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.

SEMINARY ROAD AT BEAUREGARD STREET ELLIPSE

DOCUMENT SUBSECTION:	Streets & Bridges	PROJECT LOCATION:	Seminary Rd. at Beauregard St.
MANAGING DEPARTMENT:	Department of Project Implementation	REPORTING AREA:	Seminary Hill
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**36,825,000**	**325,000**	**0**	**3,500,000**	**16,200,000**	**16,700,000**	**100,000**	**0**	**0**	**0**	**0**	**0**	**36,500,000**
Financing Plan													
Private Capital Contributions	36,500,000	0	0	3,500,000	16,200,000	16,700,000	100,000	0	0	0	0	0	36,500,000
TIP	325,000	325,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**36,825,000**	**325,000**	**0**	**3,500,000**	**16,200,000**	**16,700,000**	**100,000**	**0**	**0**	**0**	**0**	**0**	**36,500,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 study will not only identify the preferred alternative intersection improvement and concept-level design, but also 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 2022 and a complete concept design will be determined by FY 2023.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 10: Multimodal Transportation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**106,009,676**	**45,704,576**	**6,394,000**	**5,835,000**	**5,436,400**	**5,599,500**	**4,984,900**	**6,328,500**	**6,149,400**	**6,333,900**	**6,523,900**	**6,719,600**	**60,305,100**
Financing Plan													
Cash Capital	5,995,679	5,995,679	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	58,917,034	24,008,934	3,197,000	3,635,000	2,936,400	3,099,500	2,484,900	3,828,500	3,649,400	3,833,900	4,023,900	4,219,600	34,908,100
State/Federal Grants	11,749,963	11,749,963	0	0	0	0	0	0	0	0	0	0	0
TIP	12,650,000	3,950,000	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	8,700,000
VDOT State Revenue Sharing	16,697,000	0	3,197,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	16,697,000
Financing Plan Total	**106,009,676**	**45,704,576**	**6,394,000**	**5,835,000**	**5,436,400**	**5,599,500**	**4,984,900**	**6,328,500**	**6,149,400**	**6,333,900**	**6,523,900**	**6,719,600**	**60,305,100**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding plan updated to align with state grant schedule.

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 2022 - 2024 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 & Resurfacing of Major Roads (continued)

Street Reconstruction & Resurfacing of Major Roads FY 2021 – FY 2023 Project List

Fiscal Year 2022		
Street(s)	Avg. PCI Score	Estimated Cost
Daingerfield Road from Duke Street to Diagonal Road	23	$ 65,000
Diagonal Road from Dangerfield Road to King Street	15	$ 85,000
Hume Avenue from Commonwealth Avenue to Richmond Highway	48	$ 130,000
Farm Road from Beverley Drive to Circle Drive	38	$ 220,000
Fillmore Avenue from Seminary Road to End	22	$ 150,000
Callahan Drive from King Street to Duke Street	53	$ 60,000
Wellington Road from Beverley Drive to Chalfonte Drive	37	$ 95,000
North and South Alfred Street from First Street to Church Road	42	$ 280,000
North and South Washington Street from Duke to Cameron Street	42	$ 600,000
North Howard Street from North Jordan Street to Raleigh Avenue	30	$ 250,000
Executive Avenue from Kentucky Avenue to Mount Vernon Avenue	12	$ 70,000
Kentucky Avenue from Old Dominion Boulevard to Russell Road	16	$ 60,000
Alabama Avenue from Kentucky Avenue to Carolina Place	34	$ 95,000
East and West Luray Avenue from West Braddock Avenue to Leslie Avenue	38	$ 180,000
Monticello Boulevard from Cameron Mills to Russell Road	34	$ 95,000
Cameron Mills Road from Allison Street Virginia Avenue	28	$ 85,000
Allison Street from Valley Drive to Old Dominion Boulevard	27	$ 200,000
Echols Avenue from Seminary Road to North Stevens Street	29	$ 50,000
Burgess Avenue Entire Length (Exclude Service Road)	29	$ 76,000
Aspen Street from Landover Street to Russell Road (Exclude Service Road)	24	$ 40,000
Guthrie Avenue from Landover Street to Mosby Street (Exclude Service Road)	23	$ 30,000
Holly Street from Aspen Street to West Mt Ida Avenue	48	$ 100,000
Birch Street from Holly Street to Russell Road	39	$ 45,000
Pine Street from Holly Street to Russell Road	23	$ 45,000
Evans Lane from Richmond Highway (Route 1) to East Reed Avenue	33	$ 80,000
Lynhaven Drive from Wilson Avenue to End	33	$ 50,000
Montrose Avenue from East Raymond Avenue to Richmond Highway (Route 1)	30	$ 105,000
Stewart Avenue from Mount Vernon Avenue to East Randolph Avenue	18	$ 55,000
Anderson Lane from West Windsor Avenue to Richards Lane	32	$ 45,000
Richards Lane from Anderson Lane to West Windsor Avenue	34	$ 50,000
North Garland Street from Fort Worth Avenue to End	19	$ 70,000
Richenbacher Avenue from North Van Dorn Street to North Pickett Street	25	$ 125,000
South Gordon Street from Duke Street to Wheeler Avenue	39	$ 85,000
Venable Avenue from South Jordan Street to South Iris Street	37	$ 33,000
Underwood Place from South Ingram Street to End	29	$ 50,000
Cathedral Drive from Trinity Drive to End	25	$ 50,000
Benning Court from North Chambliss Street to End	64	$ 35,000
South Ingram Street from Duke Street to Vermont Avenue	53	$ 60,000
Greenwood Place from Seminary Road to End	11	$ 40,000
Knox Place Entire Length	26	$ 50,000
Rutland Place from North Pickett Street to End	27	$ 45,000
East and West Nelson Avenue from Russell Road to Leslie Avenue	35	$ 200,000
George Mason Place from Monticello Boulevard to End	33	$ 45,000
Westminster Place from Monticello Boulevard to End	34	$ 45,000
Terrett Avenue from East Mt Ida to East Randolph Avenue	67	$ 50,000
Usher Avenue from South Floyd Street to South Early Street	36	$ 52,000
Colfax Avenue from Seminary Road to North Rosser Street	43	$ 50,000
North Beauregard Street from Seminary Road to King Street	30	$ 360,000
King James Place from Seminary Road to End	29	$ 45,000
Dulaney Street from Duke Street to End	30	$ 75,000
East and West Abingdon Drive from First Street to End	26	$ 299,000
West Braddock Road from King Street to Russell Road	32	$ 550,000
North Early Street from West Braddock Road to End	35	$ 120,000
Eisenhower Avenue from Mill Road to Holland Lane	30	$ 550,000
Citywide Alley Resurfacing / Concrete Panel Repair		$ 200,000
Pavement Markings		$ 250,000
Additional Costs and Contingency		$ 454,000
Total Fiscal Year 2022	**32**	**$ 6,394,000**

Street Reconstruction & Resurfacing of Major Roads (continued)

Street Reconstruction & Resurfacing of Major Roads FY 2021 – FY 2023 Project List

Fiscal Year 2023		
Street(s)	Avg. PCI Score	Estimated Cost
Eisenhower Avenue Concrete from 1000' W of Cameron Park Place to Lake Cook En	40	$ 536,000
Gibbon Street from South Payne Street to South Union Street	40	$ 260,000
Griffith Place from Fort Williams to End	18	$ 50,000
John Carlyle Street from Eisenhower Avenue to Duke Street	40	$ 300,000
North Dearing Street from King Street to End	31	$ 40,000
Sanger Avenue from South Van Dorn to End	22	$ 200,000
Quantrell Lane from Lincolnia Road to Beauregard Street	20	$ 75,000
Templeton Place from Fort Williams Parkway to End	17	$ 35,000
Bennett Street from Saylor Place to End	19	$ 60,000
Sterling Avenue from North Quaker Lane to End	24	$ 43,000
Earl Street from Oronoco Street to Princess Street	19	$ 25,000
Tower Court from South Whiting Street to End	19	$ 20,000
Florence Drive from West Glebe Road to End	30	$ 18,000
Four Mile Road from Mount Vernon to Florence Drive	40	$ 70,000
West Caton Avenue from Sanford Avenue to Commonwealth Avenue	20	$ 50,000
Reinekers Lane from Diagonal Road to Duke Street	25	$ 35,000
Albany Avenue from King Street to End	32	$ 19,000
Arell Court from Duke Street to End	36	$ 40,000
Calhoun Avenue from North Rosser Street to End	21	$ 45,000
Chelsea Court from Fort Williams to End	23	$ 34,000
Clermont Avenue from Eisenhower Avenue to End	20	$ 35,000
Cockrell Court from Duke Street to End	23	$ 40,000
Coventry Lane from Gibbons Street to End	24	$ 50,000
East and West Oak Street from Mount Vernon Avenue to Russell Road	23	$ 160,000
East Uhler Avenue from Mount Vernon Avenue to Commonwealth Avenue	24	$ 30,000
Englehardt Lane from Jamieson Avenue to End	21	$ 25,000
Farrington Avenue to South Van Dorn to the City Limits	20	$ 55,000
Saylor Place Entire Length	12	$ 125,000
Garden Drive from Usher Avenue to Vermont Avenue	26	$ 20,000
South 28th Street from King Street to End	35	$ 30,000
North Stevenson Avenue from Fillmore Avenue to End	21	$ 30,000
Palmer Place from Polk Avenue to End	22	$ 40,000
Pender Court from Palmer Place to End	22	$ 20,000
Hancock Avenue from West Braddock Road to End	39	$ 40,000
Key Drive from Francis Hammond Parkway to End	21	$ 50,000
Jackson Place from Woodland Terrace to Tyler Place	26	$ 50,000
Valley Drive from Preston Road to West Braddock Road	27	$ 325,000
Lasalle Avenue from North Pickett Street to Juliana Place	26	$ 22,000
Longview Drive from Duke Street to End	37	$ 55,000
Loyola Avenue from North Howard Street to Stonebridge Road	26	$ 60,000
Mark Center Drive from Seminary Road to North Beauregard Street	20	$ 291,000
Maris Avenue from North Van Dorn Street to End	39	$ 35,000
Beverley Drive from Valley Drive to Washington Circle	25	$ 90,000.00
Moss Place from Fort Worth Avenue to End	24	$ 48,000
Notabene Drive from Old Dominion Boulevard to Four Mile Road	26	$ 37,000
North Quaker Lane from Duke Street to West Braddock Road	52	$ 300,000
Pommander Walk Street from Franklin Street to South Union Street	22	$ 30,000
North Frost Street from Lawrence Street to Seminary Road	23	$ 50,000
Potomac Greens Drive from Slaters Lane to End	41	$ 200,000
Pine Street from Russell Road to Holly Street	23	$ 29,000
Queen Street from North West Street to North Union Street	25	$ 90,000
Raleigh Avenue Entire Length	40	$ 130,000
Richmarr Place from North Latham Street to End	25	$ 30,000
Rosecrest Avenue from West Custis Avenue to Russell Road	23	$ 35,000
South Floyd Street from Duke Street to Wheeler Avenue	32	$ 35,000
Sunset Drive from King Street to Commonwealth Avenue	33	$ 40,000
Surry Place from North Latham Street to End	24	$ 20,000
Suter Street from Earl Street to End	39	$ 26,000
Sweeley Street from Duke Street to Colvin Street	33	$ 27,000
Talbot Place from North Pegram Street to Prospect Place	22	$ 30,000
Edsall Road from South Van Dorn to Cameron Station Road	31	$ 150,000
Jamieson Avenue from Anderson Lane to End	38	$ 325,000
Vasser Road from Cambridge Road to End (Vasser Place)	19	$ 170,000
Citywide Alley Resurfacing		$ 200,000
Additional Costs and Contingency		$ 200,000
Total Fiscal Year 2023	**27**	**$ 5,835,000**

Street Reconstruction & Resurfacing of Major Roads (continued)

Street Reconstruction & Resurfacing of Major Roads FY 2021 – FY 2023 Project List

Fiscal Year 2024		
Street(s)	Avg. PCI Score	Estimated Cost
Duke Street from Dulany Street to South Patrick Street	36	$605,000
South Washington Street from I-395 to Duke Street	35	$750,000
North Washington Street from Cameron Street to First Street	36	$700,000
King Street from Janneys Lane to Dangerfield Road	20	$1,200,000
Cloverway Drive from Dartmouth Road to Janneys Lane	32	$100,000
Holland Street from Duke Street to Eisenhower Avenue	29	$90,000
Dale Street from Edison Street to End	19	$128,000
Oakley Place from East Timber Branch Parkway to End	15	$50,000
Orleans Place from North Gaillard Street to End	16	$50,000
Ormond Avenue from North Gaillard Street to North Howard Street	15	$50,000
Sylvan Court from Trinity Drive to End	17	$40,000
Edison Street from West Reed Avenue to End	38	$75,000
North Clarens Street from Trinity Drive to End	14	$50,000
North and South Abingdon Drive from First Street to End	29	$300,000
North Breckinridge Place from Lincolnia Road to End	10	$90,000
Murray Avenue from Swann Avenue to Calvert Avenue	22	$50,000
Oakville Street from Swann Avenue to Fannon Street	30	$53,000
Fannon Street from Richmond Highway (Route 1) to End	31	$35,400
Juliana Place from North Pickett Street to End	16	$160,000
Citywide Alley Resurfacing / Concrete Panel Repair		$400,000
Additional Costs and Contingency		$300,000
PCI Analysis		$160,000
Total Fiscal Year 2024	**24**	**$ 5,436,400**

NOTE: During FY 2024, the PCI scores will be revaluated and projects will be reprioritized. Costs are estimated at this time and are subject to change.

SANITARY SEWERS

Sanitary Sewers Ten-Year Plan
Approved FY 2022 – FY 2031 Capital, Operating and Debt Service

Sanitary Sewer Rate	FY 2021 Approved	FY 2022 Approved	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 22-31
Sanitary Sewer Rate ($ per 1,000 gallons)	$2.28	$2.28	$2.28	$2.28	$2.28	$2.28	$2.28	$2.28	$2.28	$2.28	$2.28	
Proposed Rate Increase	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	
New Sanitary Sewer Rate	$2.28	$2.28	$2.28	$2.28	$2.28	$2.28	$2.28	$2.28	$2.28	$2.28	$2.28	

Revenues	FY 2021 Approved	FY 2022 Approved	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 22-31
Sewer Line Maintenance Fee	11,322,663	10,756,140	10,836,811	10,918,087	10,999,973	11,082,473	11,165,591	11,249,333	11,333,703	11,418,706	11,504,346	**111,265,163**
Sewer Connection Fee	4,000,000	6,000,000	6,180,000	6,365,400	6,556,362	6,753,053	6,955,644	7,164,314	7,379,243	7,600,620	7,828,639	**68,783,276**
New Debt Issuance	0	0	0	0	0	0	0	0	0	0	0	**0**
Fund Balance	0	0	0	0	0	0	0	0	0	0	0	**0**
Use of Fund Balance	36,749	5,889,496	3,080,520	1,777,269		0	0	0	0	0	0	**10,747,285**
Total Revenues	**15,359,412**	**22,645,636**	**20,097,331**	**19,060,756**	**17,556,335**	**17,835,525**	**18,121,236**	**18,413,647**	**18,712,946**	**19,019,326**	**19,332,985**	**190,795,724**

All Operating	7,783,270	8,923,358	9,125,547	9,333,081	9,545,183	9,762,868	9,985,154	10,215,056	10,450,591	10,692,778	10,941,635	98,975,249
All Capital Projects	4,898,020	11,253,000	9,199,000	5,344,000	5,392,000	5,441,000	5,493,000	5,548,000	5,605,000	5,666,000	5,729,000	64,670,000
All Debt Service	2,678,122	2,469,278	1,818,712	1,792,534	1,727,995	1,473,213	1,427,870	1,520,677	1,580,324	1,527,581	1,335,810	16,673,994
Total Expenditures	**15,359,412**	**22,645,636**	**20,143,259**	**16,469,615**	**16,665,178**	**16,677,081**	**16,906,024**	**17,283,733**	**17,635,915**	**17,886,359**	**18,006,445**	**180,319,243**

Operating Costs	FY 2021 Approved	FY 2022 Approved	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 22-31
T&ES Personnel Charges (incl. Worker's Comp)	3,455,535	4,029,228	4,150,000	4,275,000	4,403,000	4,535,000	4,671,000	4,811,000	4,955,000	5,104,000	5,257,000	**46,190,228**
DEC Personnel Charges	48,300	44,838	46,000	47,000	48,000	49,000	50,000	52,000	54,000	56,000	58,000	**504,838**
Professional Services												
Additional Consulting Services	347,270	357,688	368,000	379,000	390,000	402,000	414,000	426,000	439,000	452,000	466,000	**4,093,688**
Leaf Collection in CSO Areas	247,453	130,000	134,000	138,000	142,000	146,000	150,000	155,000	160,000	165,000	170,000	**1,490,000**
Fat, Oil, Grease (FOG Program)	200,000	206,000	209,000	212,000	215,000	218,000	221,000	224,000	227,000	230,000	233,000	**2,195,000**
Sanitary Sewer Capacity Study - Flow Metering, Sewer Modeling, CMOM	463,500	470,453	478,000	485,000	492,000	499,000	506,000	514,000	522,000	530,000	538,000	**5,034,453**
Sewer Billing	170,000	172,550	175,000	178,000	181,000	184,000	187,000	190,000	193,000	196,000	199,000	**1,855,550**
Infrastructure Repairs												
Sewer Jet Cleaning	260,000	263,900	268,000	272,000	276,000	280,000	284,000	288,000	292,000	296,000	300,000	**2,819,900**
Annual CCTV of Sewers	325,000	329,000	334,000	339,000	344,000	349,000	354,000	359,000	364,000	369,000	375,000	**3,516,000**
Heavy Cleaning of Sewers	315,000	318,450	323,000	328,000	333,000	338,000	343,000	348,000	353,000	358,000	363,000	**3,405,450**
Equipment Replacement	66,800	553,975	562,000	570,000	579,000	588,000	597,000	606,000	615,000	624,000	633,000	**5,927,975**
Corrective Maintenance	150,800	152,800	155,000	157,000	159,000	161,000	163,000	165,000	167,000	170,000	173,000	**1,622,800**
Other Non-Personnel (Training, Utilities, Rentals, etc.)	232,150	262,875	267,000	271,000	275,000	279,000	283,000	287,000	291,000	295,000	299,000	**2,809,875**
Building Maintenance												
Rodent Abatement in Sewers	90,000	90,000	91,000	92,000	93,000	94,000	95,000	96,000	97,000	98,000	99,000	**945,000**
Indirect Costs (Tr to G.F.)	1,411,462	1,541,601	1,565,547	1,590,081	1,615,183	1,640,868	1,667,154	1,694,056	1,721,591	1,749,778	1,778,635	**16,564,492**
Subtotal, Operating Costs	***7,783,270***	***8,923,358***	***9,125,547***	***9,333,081***	***9,545,183***	***9,762,868***	***9,985,154***	***10,215,056***	***10,450,591***	***10,692,778***	***10,941,635***	**98,975,249**

Sanitary Sewers Ten-Year Plan
Approved FY 2022 – FY 2031 Capital, Operating and Debt Service
(continued)

Capital Projects	FY 2021 Approved	FY 2022 Approved	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 22-31
Reconstruction and Extension of Sanitary Sewers	0	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	9,000,000
Sanitary Sewer Asset Renewal Program	1,250,000	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
Combined Sewer Assessment and Rehab	2,805,000	5,000,000	3,900,000	0	0	0	0	0	0	0	0	8,900,000
AlexRenew WWTP Expansion	0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	0
Capitalized DPI Positions	790,730	800,000	844,000	886,000	931,000	977,000	1,026,000	1,077,000	1,131,000	1,188,000	1,247,000	10,107,000
Capitalize Sustainability Coordinator	52,290	53,000	55,000	58,000	61,000	64,000	67,000	71,000	74,000	78,000	82,000	663,000
Subtotal, Capital Projects	*4,898,020*	*11,253,000*	*9,199,000*	*5,344,000*	*5,392,000*	*5,441,000*	*5,493,000*	*5,548,000*	*5,605,000*	*5,666,000*	*5,729,000*	*64,670,000*
Debt Service	**FY 2021 Approved**	**FY 2022 Approved**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**	**Total FY 22-31**
Debt Service Payments	*2,678,122*	*2,469,278*	*1,818,712*	*1,792,534*	*1,727,995*	*1,473,213*	*1,427,870*	*1,520,677*	*1,580,324*	*1,527,581*	*1,335,810*	**16,673,994**
Total Expenditures, All Categories	**15,359,412**	**22,645,636**	**20,143,259**	**16,469,615**	**16,665,178**	**16,677,081**	**16,906,024**	**17,283,733**	**17,635,915**	**17,886,359**	**18,006,445**	**180,319,243**
Net Revenues and Expenditures	0	0	-45,928	2,591,141	891,157	1,158,444	1,215,212	1,129,914	1,077,031	1,132,967	1,326,541	

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Sanitary Sewers											
Sanitary Sewers											
AlexRenew Wastewater Treatment Plant Capacity	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	-
Combined Sewer Assessment & Rehabilitation	5,000,000	3,900,000	0	0	0	0	0	0	0	0	8,900,000
Holmes Run Trunk Sewer	0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	-
Reconstructions & Extensions of Sanitary Sewers	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	9,000,000
Sanitary Sewer Asset Renewal Program	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 Sewers Total	10,400,000	8,300,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	53,900,000
Sanitary Sewers Total	10,400,000	8,300,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	4,400,000	53,900,000

ALEXRENEW WASTEWATER TREATMENT PLANT CAPACITY

DOCUMENT SUBSECTION:	Sanitary Sewers	PROJECT LOCATION:	1500 Eisenhower Ave.
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Southwest Quadrant
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**-**	**0**	**0**	**0**	**0**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**-**
Financing Plan													
Sanitary Sewer Fund	-	0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	-
Financing Plan Total	**-**	**0**	**0**	**0**	**0**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**-**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

A placeholder for future funding (TBD) has been included in the 10-year CIP starting in FY 2025.

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). The exact scope, timing, and feasibility of this project is to-be-determined, however the cost is likely to be significant. 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.

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	ADDITIONAL OPERATING IMPACTS
Sanitary Sewer Master Plan	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
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,355,990**	**1,355,990**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Sanitary Sewer Fund	1,355,990	1,355,990	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,355,990**	**1,355,990**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous 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	ADDITIONAL OPERATING IMPACTS
Sanitary Sewer Master Plan	No additional operating impacts identified at this time.

COMBINED SEWER ASSESSMENT & REHABILITATION

DOCUMENT SUBSECTION:	Sanitary Sewers	PROJECT LOCATION:	Old Town CSO Area
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Old Town
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**15,405,000**	**6,505,000**	**5,000,000**	**3,900,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8,900,000**
Financing Plan													
GO Bonds (Stormwater)	6,505,000	6,505,000	0	0	0	0	0	0	0	0	0	0	0
Sanitary Sewer Fund	8,900,000	0	5,000,000	3,900,000	0	0	0	0	0	0	0	0	8,900,000
Financing Plan Total	**15,405,000**	**6,505,000**	**5,000,000**	**3,900,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8,900,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Project funding increased in FY 2022 from $3.9 million to $5.0 million to allow for the acceleration of this project.

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.

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
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**3,365,000**	**3,365,000**	**0**	**0**	**0**	**0**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**-**
Financing Plan													
Cash Capital	500,000	500,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds (Sanitary)	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0
Sanitary Sewer Fund	2,765,000	2,765,000	0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	-
Financing Plan Total	**3,365,000**	**3,365,000**	**0**	**0**	**0**	**0**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**-**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

A placeholder for future funding (TBD) has been included in the 10-year CIP starting in FY 2026.

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	ADDITIONAL OPERATING IMPACTS
Sanitary Sewer Master Plan	No additional operating impacts identified at this time.

RECONSTRUCTIONS & EXTENSIONS OF SANITARY SEWERS

DOCUMENT SUBSECTION:	Sanitary Sewers	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**24,492,959**	**15,492,959**	**900,000**	**900,000**	**900,000**	**900,000**	**900,000**	**900,000**	**900,000**	**900,000**	**900,000**	**900,000**	**9,000,000**
Financing Plan													
Cash Capital	2,146,105	2,146,105	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	250,000	250,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds (Sanitary)	3,473,708	3,473,708	0	0	0	0	0	0	0	0	0	0	0
Sanitary Sewer Fund	18,623,146	9,623,146	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	9,000,000
Financing Plan Total	**24,492,959**	**15,492,959**	**900,000**	**900,000**	**900,000**	**900,000**	**900,000**	**900,000**	**900,000**	**900,000**	**900,000**	**900,000**	**9,000,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 2022 include:

- Wheeler Avenue Sewer Lining
- Franklin Street Sewer Replacement Project
- N Saint Asaph Street/Madison Street Sewer Improvements
- Miscellanous Sanitary Sewer Upsizing Projects (study ongoing)

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**37,250,000**	**1,250,000**	**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	0	0	0	0	0	0	0	0	0	0	0
Sanitary Sewer Fund	36,000,000	0	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	**37,250,000**	**1,250,000**	**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	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Project funding increased by $1 million in FY 2022. Funding added to project for FY 2031.

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 2022 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.

STORMWATER MANAGEMENT

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Stormwater Management											
Stormwater Management											
Floodproofing Grant Program	750,000	769,000	789,000	809,000	830,000	851,000	873,000	895,000	918,000	941,000	8,425,000
Four Mile Run Channel Maintenance	0	936,600	0	300,000	300,000	0	1,251,300	2,900,000	0	300,000	5,987,900
Green Infrastructure	210,000	0	1,549,000	0	0	0	0	0	0	0	1,759,000
Hooffs Run Culvert	0	0	0	0	1,344,000	0	0	0	0	1,505,300	2,849,300
Inspection and Cleaning (State of Good Repair) CFMP	1,000,000	1,025,000	1,051,000	1,078,000	1,105,000	1,133,000	1,162,000	1,192,000	1,222,000	1,253,000	11,221,000
MS4-TDML Compliance Water Quality Improvements	1,350,000	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	17,425,000
NPDES / MS4 Permit	170,000	168,400	170,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	1,747,200
Phosphorus Exchange Bank	0	0	0	0	0	0	0	0	0	0	0
Small-Midsize Stormwater Maintenance Projects	500,000	513,000	526,000	540,000	554,000	568,000	583,000	598,000	613,000	629,000	5,624,000
Storm Sewer Capacity Assessment	19,900,000	26,425,000	28,825,000	32,375,000	15,950,000	15,200,000	13,675,000	6,700,000	6,350,000	4,000,000	169,400,000
Storm Sewer System Spot Improvements	2,540,500	2,605,000	2,671,000	2,738,000	2,807,000	2,878,000	2,950,000	3,024,000	3,100,000	3,178,000	28,491,500
Stormwater BMP Maintenance CFMP	245,000	252,000	260,000	1,202,000	1,221,000	158,000	161,000	165,000	168,000	172,000	4,004,000
Strawberry Run Stream Restoration	0	0	0	0	0	0	0	0	0	0	0
Stream & Channel Maintenance	859,000	881,000	904,000	927,000	951,000	975,000	1,000,000	1,025,000	1,051,000	1,078,000	9,651,000
Taylor Run Stream Restoration	0	0	0	0	0	0	0	0	0	0	0
Stormwater Management Total	27,524,500	34,875,000	38,845,000	41,940,700	27,285,500	23,688,200	23,832,300	19,252,700	15,102,500	14,238,500	266,584,900
Stormwater Management Total	27,524,500	34,875,000	38,845,000	41,940,700	27,285,500	23,688,200	23,832,300	19,252,700	15,102,500	14,238,500	266,584,900

Stormwater Management Utility Ten-Year Plan
Approved FY 2022 – FY 2031 Capital, Operating and Debt Service

The Stormwater Management Utility plan presented on the following pages represents the proposed operating budget, debt service and capital program for FY 2022 and a preliminary estimate for FY 2023 – FY 2031. Staff will reevaluate the program and Stormwater Utility rate every year and present changes to City Council as part of each year's budget development cycle.

Stormwater Rate	FY 2021 Approved	FY 2021 Adjusted Second Half	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Stormwater Utility Rate per ERU	$ 140.00	$ 140.00	$ 140.00	$ 280.00	$ 294.00	$ 308.70	$ 358.10	$ 415.40	$ 440.30	$ 471.10	$ 504.10	$ 524.30	
Proposed Rate Increase	0.0%	50.0%	50.0%	5.0%	5.0%	16.0%	16.0%	6.0%	7.0%	7.0%	4.0%	3.0%	
New Stormwater Utility Rate	$ 140.00	$ 210.00	$ 280.00	$ 294.00	$ 308.70	$ 358.10	$ 415.40	$ 440.30	$ 471.10	$ 504.10	$ 524.30	$ 540.00	

Revenues	FY 2021 Approved	FY 2021 Adjusted Second Half	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Billing Units	60,279	30,140	60,090	60,330	60,571	60,813	61,056	61,300	61,545	61,791	62,038	62,286	
Non Billable Units for EDTR			430	430	430	430	430	430	430	430	430	430	
Revenue Generation	8,439,060	2,109,765	16,825,000	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	253,694,000
Other Revenue Sources	21,017		21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	210,000
General Fund Contribution for EDTR *			125,000	130,000	135,000	140,000	146,000	152,000	158,000	164,000	171,000	178,000	185,000.00
Revenue Stream Reductions for Improvement Credits	(246,236)		(180,000)	(185,000)	(191,000)	(197,000)	(203,000)	(209,000)	(215,000)	(221,000)	(228,000)	(235,000)	(2,064,000)
New Debt Issuance	3,090,401		14,630,000	28,860,000	35,600,000	39,500,000	24,893,000	21,183,000	21,383,000	16,529,000	12,637,000	11,437,000	226,652,000
Use of Fund Balance 1/2 Cent	-		1,765,000	-	-	-	-	-	-	-	-	-	1,765,000
Use of Fund Balance SWU	-		3,624,884	-	-	-	-	-	-	-	-	-	3,624,884
COA General Fund Loan	2,000,000			-	-	-	-	-	-	-	-	-	-
Total Revenues	13,304,242	2,109,765	36,810,884	46,563,000	54,263,000	61,241,000	50,220,000	48,137,000	50,341,000	47,642,000	45,128,000	45,035,000	484,066,884

Expenditures	FY 2021 Approved	FY 2021 Adjusted Second Half	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
All Operating	5,475,979	449,012	6,792,562	7,026,000	7,279,000	7,731,000	8,236,000	8,567,000	8,937,000	9,326,000	9,650,000	9,955,000	83,499,562
All Capital Projects	6,934,740	1,660,753	28,662,500	36,069,000	40,099,000	43,257,700	28,668,500	25,140,200	25,357,300	20,853,700	16,783,500	16,003,500	280,894,900
Repayment of G/F Loan	-	-	-	-	675,000	675,000	650,000	-	-	-	-	-	2,000,000
All Debt Service	893,523	-	1,355,822	3,547,191	6,332,121	9,602,755	12,745,941	14,693,595	16,280,872	17,784,825	18,794,722	19,455,447	120,593,291
Total Expenditures	13,304,242	2,109,765	36,810,884	46,642,191	54,385,121	61,266,455	50,300,441	48,400,795	50,575,172	47,964,525	45,228,222	45,413,947	486,987,753

Operating Costs	FY 2021 Approved	FY 2021 Adjusted Second Half	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
TES Personnel	3,182,783	254,913	4,293,862	4,423,000	4,556,000	4,693,000	4,834,000	4,980,000	5,130,000	5,284,000	5,443,000	5,607,000	49,243,862
Main Operating	653,831	-	467,000	482,000	497,000	512,000	528,000	544,000	561,000	578,000	596,000	614,000	5,379,000
BMP's Operation	662,508	-	270,000	279,000	288,000	297,000	306,000	316,000	326,000	336,000	347,000	358,000	3,123,000
Oronoco Outfall Maintenance	103,000	-	107,000	111,000	115,000	119,000	123,000	127,000	131,000	135,000	140,000	145,000	1,253,000
Additional operating impact from capital	62,525	-	65,000	67,000	70,000	73,000	76,000	79,000	82,000	85,000	88,000	91,000	776,000
Indirect Costs	811,332	194,098	1,559,000	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	23,349,000
Contingent Cash Funding	-	-	30,700	32,000	33,000	34,000	36,000	38,000	40,000	42,000	44,000	46,000	375,700
Subtotal, Operating Costs	5,475,979	449,012	6,792,562	7,026,000	7,279,000	7,731,000	8,236,000	8,567,000	8,937,000	9,326,000	9,650,000	9,955,000	83,499,562

Stormwater Management Utility Ten-Year Plan
Approved FY 2022 – FY 2031 Capital, Operating and Debt Service
(continued)

Capital Projects	FY 2021 Approved	FY 2021 Adjusted Second Half	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Four Mile Run Channel Maintenance				936,600		300,000	300,000		1,251,300	2,900,000	-	300,000	5,987,900
Green Infrastructure	206,500		210,000	-	1,549,000	-	-	-	-	-	-		1,759,000
MS4-TMDL Compliance Water Quality Improvements	3,000,000		1,350,000	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	17,425,000
NPDES / MS4 Permit	165,000		170,000	168,400	170,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	1,747,200
Storm Sewer Capacity Projects		1,573,737	19,900,000	26,425,000	28,825,000	32,375,000	15,950,000	15,200,000	13,675,000	6,700,000	6,350,000	4,000,000	169,400,000
Stormawter Infrastructure Resiliency Planning	698,750	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer System Spot Improvements	420,000		2,540,500	2,605,000	2,671,000	2,738,000	2,807,000	2,878,000	2,950,000	3,024,000	3,100,000	3,178,000	28,491,500
Stream and Channel Maintenance	450,000		859,000	881,000	904,000	927,000	951,000	975,000	1,000,000	1,025,000	1,051,000	1,078,000	9,651,000
Stormwater BMP Maintenance CFMP	140,000		245,000	252,000	260,000	1,202,000	1,221,000	158,000	161,000	165,000	168,000	172,000	4,004,000
Small-Midsize Stormwater Maintenance Projects	-		500,000	513,000	526,000	540,000	554,000	568,000	583,000	598,000	613,000	629,000	5,624,000
Inspection and Cleaning (State of Good Repair) CFMP	-		1,000,000	1,025,000	1,051,000	1,078,000	1,105,000	1,133,000	1,162,000	1,192,000	1,222,000	1,253,000	11,221,000
Floodproofing Grant Program	-		750,000	769,000	789,000	809,000	830,000	851,000	873,000	895,000	918,000	941,000	8,425,000
Hooffs Run Culvert	1,200,000			-	-	-	1,344,000		-	-	-	1,505,300	2,849,300
DPI Personnel	602,200	87,016	1,085,000	1,139,000	1,196,000	1,256,000	1,319,000	1,385,000	1,454,000	1,527,000	1,603,000	1,683,000	13,647,000
Capitalized Sustainability Coordinator	52,290	-	53,000	55,000	58,000	61,000	64,000	67,000	71,000	74,000	78,000	82,000	663,000
Subtotal, Capital Projects	6,934,740	1,660,753	28,662,500	36,069,000	40,099,000	43,257,700	28,668,500	25,140,200	25,357,300	20,853,700	16,783,500	16,003,500	280,894,900
Debt Service	**FY 2021 Approved**	**FY 2021 Adjusted Second Half**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**	**FY 2022 - FY 2031**
Total Debt Service Payments	893,523	-	1,355,822	3,547,191	6,332,121	9,602,755	12,745,941	14,693,595	16,280,872	17,784,825	18,794,722	19,455,447	120,593,291
Total Expenditures, All Categories	***13,304,242***	***2,109,765***	***36,810,884***	***46,642,191***	***53,710,121***	***60,591,455***	***49,650,441***	***48,400,795***	***50,575,172***	***47,964,525***	***45,228,222***	***45,413,947***	***484,987,753***

CAMERON STATION POND RETROFIT

DOCUMENT SUBSECTION:	Stormwater Management	PROJECT LOCATION:	Ben Brenman Park, 4800 Brenman Park Dr, Alexandria, VA 22304
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Landmark/Van Dorn
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**4,681,885**	**4,681,885**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
GO Bonds (Stormwater)	1,750,000	1,750,000	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	1,050,000	1,050,000	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	1,881,885	1,881,885	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**4,681,885**	**4,681,885**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,633,000**	**1,633,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	125,000	125,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds (Stormwater)	1,133,000	1,133,000	0	0	0	0	0	0	0	0	0	0	0
Stormwater Utility Fund	375,000	375,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,633,000**	**1,633,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

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 BMP retrofits on City properties as a strategy towards meeting mandated pollutant reduction goals.

Retrofitting existing City properties may include installing new BMPs on City property that currently do not have stormwater treatment or installing additional stormwater BMPs for untreated areas to provide additional pollutant removal. The City has also completed the Chesapeake Bay TMDL Compliance Analysis and Options report that looked into options and alternatives for treating stormwater and corresponding costs. The City's Phase 2 Chesapeake Bay TMDL Action Plan for achieving a total 40% (September 24, 2019) identifies retrofits on City property as part of the "all of the above" strategy, and the City continues to plan and identify when applicable those properties for retrofitting.

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.

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	PROJECT LOCATION:	
MANAGING DEPARTMENT:	Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**8,425,000**	**0**	**750,000**	**769,000**	**789,000**	**809,000**	**830,000**	**851,000**	**873,000**	**895,000**	**918,000**	**941,000**	**8,425,000**
Financing Plan													
Stormwater Utility Fund	8,425,000	0	750,000	769,000	789,000	809,000	830,000	851,000	873,000	895,000	918,000	941,000	8,425,000
Financing Plan Total	**8,425,000**	**0**	**750,000**	**769,000**	**789,000**	**809,000**	**830,000**	**851,000**	**873,000**	**895,000**	**918,000**	**941,000**	**8,425,000**

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2022 – FY 2031 CIP.

PROJECT DESCRIPTION & JUSTIFICATION

The purpose of this project – which at this time is a pilot – is to provide grant funding to property owners who have incurred impacts to their primary residence as a result of recent climate change, induced flash flooding. This project was recommended by the 2020 Interdepartmental Flooding Management Task Force and was supported in the City's 2020 legislative package. The City supported State legislation 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, and potential project updates and adjustments will be done to expand the program as applicable in FY 2023 or beyond. The initial priority is creation of the Pilot Grant Program (with some retroactivity) as this can be developed with relative expedience and provide an immediate benefit to residents and businesses with the expansion beyond the pilot phase occurring later.

This program as proposed is somewhat similar to the City's Backflow Preventer Program, which provides reimbursement to those who have installed backflow preventers as a result of sanitary sewer backups. This pilot program will provide reimbursement for floodproofing installed to mitigate flooding issues in the near-term.

A separate Flooding Mitigation Pilot Program Manual document is under development that frames the program and policies, to include processes, funding level, and eligible reimbursable expenses. Some of the current considerations for the pilot grant program include:

- Reimbursement for 50% of the cost of improvements, not to exceed $5,000 reimbursed
- Total funding for FY 2022: $750,000
- 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

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); Be Flood Ready Alexandria;

ADDITIONAL OPERATING IMPACTS

Additional operating impacts include additional staff included in the Stormwater Management Utility 10-Year Plan associated with the be identified with design and construction of individual projects

FOUR MILE RUN CHANNEL MAINTENANCE

DOCUMENT SUBSECTION:	Stormwater Management	PROJECT LOCATION:	Four Mile Run Stream/Channel
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Potomac West
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**8,980,900**	**2,993,000**	**0**	**936,600**	**0**	**300,000**	**300,000**	**0**	**1,251,300**	**2,900,000**	**0**	**300,000**	**5,987,900**
Financing Plan													
Cash Capital	283,000	283,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	1,810,000	1,810,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds (Stormwater)	4,351,300	0	0	0	0	200,000	200,000	0	1,151,300	2,800,000	0	0	4,351,300
Stormwater Utility Fund	2,536,600	900,000	0	936,600	0	100,000	100,000	0	100,000	100,000	0	300,000	1,636,600
Financing Plan Total	**8,980,900**	**2,993,000**	**0**	**936,600**	**0**	**300,000**	**300,000**	**0**	**1,251,300**	**2,900,000**	**0**	**300,000**	**5,987,900**
Operating Impact	1,096,200	0	0	99,400	104,400	109,600	115,100	120,800	126,900	133,200	139,900	146,900	1,096,200

CHANGES FROM PRIOR YEAR CIP

Project funding schedule updated to reflect the recommendations made to City Council in January 2020, regarding an expanded and accelerated program to address the City's flood and stormwater infrastructure needs.

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. The project was constructed as a federal flood control project built 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 its capital infrastructure. The USACE annually inspects Four Mile Run and dictates the extent of the channel 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 Four Mile Run 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 which will initiate in calendar year 2021. A grant application to the Federal Emergency Management Agency (FEMA) through the Virginia Department of Emergency Management (VDEM) for $1.4 million for the FY 2020 Hazard Mitigation Assistance (HMA) for a Building Resilient Infrastructure and Communities (BRIC) pre-disaster mitigation grant will help offset the cost of the dredging project. However, this does not allow for a decrease in funding in the overall project given that levee/flood wall and appurtenant structure inspection, operations, and maintenance remains the responsibility of the jurisdiction where each levee/wall is located.

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.

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

Additional staffing or contractor support will be need for regular inspection and maintenance of assets.

GREEN INFRASTRUCTURE

DOCUMENT SUBSECTION:	Stormwater Management	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**3,815,500**	**2,056,500**	**210,000**	**0**	**1,549,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,759,000**
Financing Plan													
GO Bonds (Stormwater)	2,644,000	1,195,000	0	0	1,449,000	0	0	0	0	0	0	0	1,449,000
Sanitary Sewer Fund	350,000	350,000	0	0	0	0	0	0	0	0	0	0	0
Stormwater Utility Fund	821,500	511,500	210,000	0	100,000	0	0	0	0	0	0	0	310,000
Financing Plan Total	**3,815,500**	**2,056,500**	**210,000**	**0**	**1,549,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,759,000**
Operating Impact	30,000	0	0	2,000	2,000	2,000	4,000	4,000	4,000	4,000	4,000	4,000	30,000

CHANGES FROM PRIOR YEAR CIP

Project funding schedule updated to reflect the recommendations made to City Council in January 2020, regarding an expanded and accelerated program to address the City's flood and stormwater infrastructure needs.

PROJECT DESCRIPTION & JUSTIFICATION

This project receives funding from the stormwater utility special revenue funds for study, design, and construction of green infrastructure projects. This project 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, to address water pollution reduction goals. Projects completed will implement green infrastructure in the City to help address regulatory requirements in conjunction with the co-benefits provided by the implementation of these practices.

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.

Prior year funding will be used for the design and construction of green infrastructure demonstration project(s) in the combined sewer area. Additional projects are to be identified through work related to the City's Chesapeake Bay TMDL Action Plan. A Green Infrastructure Program Policy Study commenced in FY 2019 which laid out a citywide approach to implementation. Funding for projects identified through these efforts will be used for future years and supplemented, as needed, through the MS4-TMDL Compliance project. Construction of the current green infrastructure demonstration project is scheduled for completion in FY 2022/FY 2023. 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

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:	
MANAGING DEPARTMENT:	Transportation and Environmental Services	REPORTING AREA:	Eisenhower East
		PROJECT CATEGORY:	2
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	ESTIMATE USEFUL LIFE:	

Hooffs Run Culvert

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**4,397,201**	**1,547,901**	**0**	**0**	**0**	**0**	**1,344,000**	**0**	**0**	**0**	**0**	**1,505,300**	**2,849,300**
Financing Plan													
Cash Capital	1,200,000	1,200,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds (Stormwater)	3,197,201	347,901	0	0	0	0	1,344,000	0	0	0	0	1,505,300	2,849,300
Financing Plan Total	**4,397,201**	**1,547,901**	**0**	**0**	**0**	**0**	**1,344,000**	**0**	**0**	**0**	**0**	**1,505,300**	**2,849,300**

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2022 – FY 2031 CIP. Funding added to this project in FY 2021 from the City Council December 2020 supplemental appropriation of $1.2 million in general fund balance, along with $0.3 million in stormwater capital project balances transferred to the project in March 2021. Both funding sources were added to the project to accelerate cleaning and improvements of the Hooffs Run Culvert.

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 a major heavy cleaning effort beginning in November 2020 which is expected to be complete by mid-2021.

While the City has Operating funding to provide some routine debris removal and maintenance, this Capital Improvement Project will ensure 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.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

INSPECTION AND CLEANING (STATE OF GOOD REPAIR) CFMP

DOCUMENT SUBSECTION:	Stormwater Management	PROJECT LOCATION:	
MANAGING DEPARTMENT:	Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**11,221,000**	**0**	**1,000,000**	**1,025,000**	**1,051,000**	**1,078,000**	**1,105,000**	**1,133,000**	**1,162,000**	**1,192,000**	**1,222,000**	**1,253,000**	**11,221,000**
Financing Plan													
GO Bonds (Stormwater)	4,598,000	0	0	0	525,500	539,000	552,500	566,500	581,000	596,000	611,000	626,500	4,598,000
Stormwater Utility Fund	6,623,000	0	1,000,000	1,025,000	525,500	539,000	552,500	566,500	581,000	596,000	611,000	626,500	6,623,000
Financing Plan Total	**11,221,000**	**0**	**1,000,000**	**1,025,000**	**1,051,000**	**1,078,000**	**1,105,000**	**1,133,000**	**1,162,000**	**1,192,000**	**1,222,000**	**1,253,000**	**11,221,000**

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2022 – FY 2031 CIP.

PROJECT DESCRIPTION & JUSTIFICATION

This project provides funding annually for expanded inspection and state of good repair maintenance in the City's 189-mile storm sewer system.

In July 2020, City staff began the expanded inspection portion of the storm sewer system. Based on the inspections and requests from residents, Staff is currently developing a Capital Facility Maintenance Program (CFMP) which will include a more detailed listing of projects. The detailed list of projects will be prioritized based on a scoring system, and funding allocated within the CIP.

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 detention structures and outfalls are operating at maximum capacity.

In January 2021, the City's Interdepartmental Flooding Management Team recommended expanded maintenance in the form of a CFMP.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

LUCKY RUN STREAM RESTORATION

DOCUMENT SUBSECTION:	Stormwater Management	PROJECT LOCATION:	2601 Gadsby Place
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Beauregard
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,800,000**	**2,800,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
GO Bonds (Stormwater)	1,935,000	1,935,000	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	668,720	668,720	0	0	0	0	0	0	0	0	0	0	0
Stormwater Utility Fund	196,280	196,280	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**2,800,000**	**2,800,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous 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 to reduce pollution and address the Bay TMDL mandates enforced through the City's Municipal Separate Storm Sewer System (MS4) permit. The project also allows restoration of ecological habitats, removal of invasive plants, replanting with native plants, and wetland enhancements as co-benefits. Additionally, the project will address an exposed portion of the sanitary sewer located along the existing stream bank by burying the sanitary sewer and relocating that portion of the stream away from the sewer. This project is highlighted in the Phase 2 Chesapeake Bay TMDL Action Plan as a specific strategy to meet the City's compliance goals.

To comply with the plan targets, the City has completed a 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. The Chesapeake Bay TMDL Compliance Analysis and Options report (2012) reviewed options and alternatives for treating stormwater and provided corresponding costs. 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 enhance the ecological integrity of the stream, the Resource Protection Area (RPA), and address the exposed sanitary sewer. Also, the City will perform 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 also 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 fully fund this project. This reduced the City contribution by half of the original estimated amount for the stream restoration portion of the project. Design is completed and construction procurement will occur in FY 2022, with an anticipated completion Summer 2022.

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

Operating funding and existing City staff provide annual support for routine and ongoing inspection, monitoring and reporting, and maintenance as applicable. The BMP Maintenance CFMP program addresses capital maintenance for projects built to address Bay TMDL requirements.

MS4-TMDL COMPLIANCE WATER QUALITY IMPRV.

DOCUMENT SUBSECTION:	Stormwater Management	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**21,680,000**	**4,255,000**	**1,350,000**	**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**	**17,425,000**
Financing Plan													
GO Bonds (Stormwater)	19,450,401	3,375,401	0	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	16,075,000
Stormwater Utility Fund	2,229,599	879,599	1,350,000	0	0	0	0	0	0	0	0	0	1,350,000
Financing Plan Total	**21,680,000**	**4,255,000**	**1,350,000**	**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**	**17,425,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Project funding schedule updated to reflect the recommendations made to City Council in January 2020, regarding an expanded and accelerated program to address the City's flood and stormwater infrastructure needs.

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) 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 options to comply with these targets. These plans and options are discussed through the City's Water Quality Workgroup, and through meetings with other internal and external stakeholders. Additionally, 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 and in the subsequent draft (June 1, 2018) and final Phase 2 Chesapeake Bay Action Plan, dated September 24, 2019. This budget is based on funding that can be used to implement a diverse mix of strategies to include retrofit of regional facilities, implementation of Green Infrastructure as stormwater quality retrofits of City facilities and right-of-way retrofits, along with 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) will likely exceed the Strategic Plan goal of 45% reductions by 2022 and move towards more aggressive reductions to meet 100% reductions as mandated. Permit requirements and other regulatory expectations are adjusted with each successive MS4 permit and with each iteration of the state's Phase III Watershed Implementation Plan (WIP III).

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.

NPDES / MS4 PERMIT

DOCUMENT SUBSECTION:	Stormwater Management	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,727,200**	**980,000**	**170,000**	**168,400**	**170,000**	**171,700**	**173,500**	**175,200**	**177,000**	**178,700**	**180,500**	**182,200**	**1,747,200**
Financing Plan													
Cash Capital	250,000	250,000	0	0	0	0	0	0	0	0	0	0	0
Stormwater Utility Fund	2,477,200	730,000	170,000	168,400	170,000	171,700	173,500	175,200	177,000	178,700	180,500	182,200	1,747,200
Financing Plan Total	**2,727,200**	**980,000**	**170,000**	**168,400**	**170,000**	**171,700**	**173,500**	**175,200**	**177,000**	**178,700**	**180,500**	**182,200**	**1,747,200**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 qualtiy 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 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 a 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. The general permit also requires the City to update the MS4 Program Plan and perform new programmactic compliance, with MS4 annual reports covering compliance activities and other permit reporting requirements carried out for each fiscal year 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Stormwater Utility Fund	0	0	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

Virginia Stormwater Management Program (VSMP) regulations, as incorporated into Article XIII of the City's 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**5,624,000**	**0**	**500,000**	**513,000**	**526,000**	**540,000**	**554,000**	**568,000**	**583,000**	**598,000**	**613,000**	**629,000**	**5,624,000**
Financing Plan													
GO Bonds (Stormwater)	2,744,400	0	0	0	300,000	300,000	376,500	300,000	372,700	300,000	383,000	412,200	2,744,400
Stormwater Utility Fund	2,879,600	0	500,000	513,000	226,000	240,000	177,500	268,000	210,300	298,000	230,000	216,800	2,879,600
Financing Plan Total	**5,624,000**	**0**	**500,000**	**513,000**	**526,000**	**540,000**	**554,000**	**568,000**	**583,000**	**598,000**	**613,000**	**629,000**	**5,624,000**

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2022 – FY 2031 CIP.

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, inverts, gutter pans and pipe in the City's 189-mile storm sewer network. 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 begun in July 2020. 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. 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.

STORM SEWER CAPACITY PROJECTS

DOCUMENT SUBSECTION:	Stormwater Management	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	ESTIMATE USEFUL LIFE:	11 - 15 Years

Storm Sewer Capacity Assessment

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**176,185,988**	**6,785,988**	**19,900,000**	**26,425,000**	**28,825,000**	**32,375,000**	**15,950,000**	**15,200,000**	**13,675,000**	**6,700,000**	**6,350,000**	**4,000,000**	**169,400,000**
Financing Plan													
Cash Capital	949,492	949,492	0	0	0	0	0	0	0	0	0	0	0
GO Bonds (Stormwater)	160,785,000	0	14,535,000	25,425,000	28,325,000	32,125,000	15,700,000	14,950,000	13,425,000	6,450,000	6,100,000	3,750,000	160,785,000
Stormwater Utility Fund	9,086,497	5,836,497	0	1,000,000	500,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	3,250,000
Use of Stormwater Fund Utility Balance	3,600,000	0	3,600,000	0	0	0	0	0	0	0	0	0	3,600,000
Use of Stormwater Tax Dedication Fund	1,765,000	0	1,765,000	0	0	0	0	0	0	0	0	0	1,765,000
Financing Plan Total	**176,185,988**	**6,785,988**	**19,900,000**	**26,425,000**	**28,825,000**	**32,375,000**	**15,950,000**	**15,200,000**	**13,675,000**	**6,700,000**	**6,350,000**	**4,000,000**	**169,400,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Project funding schedule updated to reflect the recommendations made to and adopted by City Council in January 2021, regarding an aggressive, expanded, and accelerated program to address the City's flood and stormwater infrastructure needs.

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.

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); Be Flood Ready Alexandria; Nothern Virginia Flood Hazard Mitigation Plan

ADDITIONAL OPERATING IMPACTS

Additional operating impacts include additional staff included in the Stormwater Management Utility 10-Year Plan associated with the be identified with design, construction, and maintenance of individual projects.

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 2031 Projects

Project sequencing from FY 2026 to FY 2031 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:

4. Edison and Dale Streets
5. Dewitt Avenue
6. East Mason Avenue
7. Notabene Drive and Old Dominion Boulevard
8. Mt. Vernon Avenue, East Glendale Avenue, East Luray Avenue, and East Alexandria Avenue
9. East Monroe Avenue and Wayne Street
10. Russell Rd & W. Rosemont Ave
11. 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**36,716,721**	**8,225,221**	**2,540,500**	**2,605,000**	**2,671,000**	**2,738,000**	**2,807,000**	**2,878,000**	**2,950,000**	**3,024,000**	**3,100,000**	**3,178,000**	**28,491,500**
Financing Plan													
Cash Capital	3,076,648	3,076,648	0	0	0	0	0	0	0	0	0	0	0
GO Bonds (Stormwater)	28,346,646	4,833,646	95,000	1,605,000	2,171,000	2,601,000	2,667,000	2,734,000	2,803,000	2,873,000	2,945,000	3,019,000	23,513,000
Private Capital Contributions	9,927	9,927	0	0	0	0	0	0	0	0	0	0	0
Stormwater Utility Fund	5,283,500	305,000	2,445,500	1,000,000	500,000	137,000	140,000	144,000	147,000	151,000	155,000	159,000	4,978,500
Financing Plan Total	**36,716,721**	**8,225,221**	**2,540,500**	**2,605,000**	**2,671,000**	**2,738,000**	**2,807,000**	**2,878,000**	**2,950,000**	**3,024,000**	**3,100,000**	**3,178,000**	**28,491,500**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Project funding schedule updated to reflect the recommendations made to City Council in January 2020, regarding an expanded and accelerated program to address the City's flood and stormwater infrastructure needs.

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 complaints, field observations, neighborhood engagement meetings, and onsite investigations. An increase of $2 million in funding annual for a total of $27.3 million in the 10-year period that allows for 8 to 11 projects to be completed annually, compared to the 3 to 5 projects that are currently implemented each year.

A list of projects planned for FY 2022 – 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 2022

- Mt. Vernon Alley
- Mt. Vernon Cul-de-sac Inlets
- Clifford/Manning Street Alley
- 1414 & 1416 Ruffner Dr Storm Sewer
- S Jordan St Storm Sewer Improvements
- Oakland Terrace
- N. Overlook Drainage/Storm Sewer Improvements
- Hume and Commonwealth
- 300 E. Mason
- E. Monroe and Wayne

FY 2023

- Lloyd's Lane
- Key Drive Unnamed Tributary Channel
- N. Columbus Street Alley
- Key Drive Unnamed Tributary Channel
- 636 Timber Branch Pkwy
- 3929 Colonel Eliis Avenue
- E. Alexandria and Dewitt
- E. Linden near Commonwealth
- W. Gendale and Junior Street
- Pitt and Gibbon Streets

FY 2024

- Ancell Street and Commonwealth
- Park Fairfax - Valley and Gunson 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

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); Be Flood Ready Alexandria; Northern Virginia Hazard Mitigation Plan

ADDITIONAL OPERATING IMPACTS

Additional operating impacts include additional staff included in the Stormwater Management Utility 10-Year Plan associated with the be identified with design, construction, and maintenance of individual projects

STORMWATER BMP MAINTENANCE CFMP

DOCUMENT SUBSECTION:	Stormwater Management	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**4,279,000**	**275,000**	**245,000**	**252,000**	**260,000**	**1,202,000**	**1,221,000**	**158,000**	**161,000**	**165,000**	**168,000**	**172,000**	**4,004,000**
Financing Plan													
GO Bonds (Stormwater)	2,829,500	0	0	0	129,500	1,100,000	1,100,000	100,000	100,000	100,000	100,000	100,000	2,829,500
Stormwater Utility Fund	1,449,500	275,000	245,000	252,000	130,500	102,000	121,000	58,000	61,000	65,000	68,000	72,000	1,174,500
Financing Plan Total	**4,279,000**	**275,000**	**245,000**	**252,000**	**260,000**	**1,202,000**	**1,221,000**	**158,000**	**161,000**	**165,000**	**168,000**	**172,000**	**4,004,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Project funding schedule updated to reflect the recommendations made to City Council in January 2020, regarding an expanded and accelerated program to address the City's flood and stormwater infrastructure needs.

PROJECT DESCRIPTION & JUSTIFICATION

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 permit required the City to implement stormwater treatment best management practices (BMPs) sufficient to achieve 5% of the reduction targets during first 5-year permit (2013-2018). 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 Total Maximum Daily Load (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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,673,200**	**1,673,200**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	1,518,200	1,518,200	0	0	0	0	0	0	0	0	0	0	0
Stormwater Utility Fund	155,000	155,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,673,200**	**1,673,200**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

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. 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.

In FY 2022 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.

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

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

STRAWBERRY RUN STREAM RESTORATION

DOCUMENT SUBSECTION:	Stormwater Management	PROJECT LOCATION:	Ft. Williams Parkway
MANAGING DEPARTMENT:	T&ES	REPORTING AREA:	Seminary Hill
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustain.	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,600,000**	**1,600,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	50,000	50,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds (Stormwater)	625,000	625,000	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	800,000	800,000	0	0	0	0	0	0	0	0	0	0	0
Stormwater Utility Fund	125,000	125,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,600,000**	**1,600,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

This project involves stream restoration for approximately 900 linear feet of 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.

This project will restore the reach above this previously restored section and extend to the culvert under Fort Williams Parkway. A stream restoration project to stabilize the stream banks and provide overall improvement to the stream's function is a stormwater treatment strategy that protects local water quality and mitigates the transport of pollutants to the Chesapeake Bay. Addition of stormwater outfall repair and restoration of a tributary (which requires stabilization and repair due to undermining of utilities), is needed to protect proposed downstream restoration.

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 purpose of the Study was to help the City to develop overall strategies to deal with degraded streams and assist in prioritizing the projects. 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 possibly 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

Operating funding and existing City staff provide annual support for routine and ongoing inspection, monitoring and reporting, and maintenance as applicable. The BMP Maintenance CFMPA future capital facilities maintenance program may be required to addresses non-routine capital maintenance for projects built to address Bay TMDL requirements.

STREAM & CHANNEL MAINTENANCE

DOCUMENT SUBSECTION:	Stormwater Management	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Transportation and Environmental Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustainability	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**16,671,454**	**7,020,454**	**859,000**	**881,000**	**904,000**	**927,000**	**951,000**	**975,000**	**1,000,000**	**1,025,000**	**1,051,000**	**1,078,000**	**9,651,000**
Financing Plan													
Cash Capital	3,802,125	3,802,125	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	1,487,602	1,487,602	0	0	0	0	0	0	0	0	0	0	0
GO Bonds (Stormwater)	7,907,500	450,000	0	530,000	600,000	835,000	903,000	782,500	950,000	835,000	998,000	1,024,000	7,457,500
Private Capital Contributions	230,000	230,000	0	0	0	0	0	0	0	0	0	0	0
Stormwater Utility Fund	3,244,227	1,050,727	859,000	351,000	304,000	92,000	48,000	192,500	50,000	190,000	53,000	54,000	2,193,500
Financing Plan Total	**16,671,454**	**7,020,454**	**859,000**	**881,000**	**904,000**	**927,000**	**951,000**	**975,000**	**1,000,000**	**1,025,000**	**1,051,000**	**1,078,000**	**9,651,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Project funding schedule updated to reflect the recommendations made to City Council in January 2020, regarding an expanded and accelerated program to address the City's flood and stormwater infrastructure needs.

PROJECT DESCRIPTION & JUSTIFICATION

This capital maintenance project preserves the capacity for City streams and channels to carry a 100-year floodwater and for repairs to erosion damage, stream corridor degradation, grade control structures, storm sewer discharge points, 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 from the Flooding Interdepartmental Task Force accepted by City Council, this project includes a funding increase of $0.4 million annually for a total of $9.7M over the 10-year period to perform more aggressive and inspection and maintenance of the City's larger flood channels due to the impact from more frequent, intense storm events.

Project funds will be utilized to mitigate damages caused by heavy storm events, provide water quality benefits, and mitigate flooding. Project costs may be funded directly or may form the basis of funding for new needs broken out into separate projects. Sediment removal and vegetation maintenance was conducted on Cameron Run in FY 2018. Vegetation maintenance for Holmes Run is scheduled to occur in FY 2022. 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.

The urban nature of the City and the areas of Fairfax County whose stormwater drains into the City puts stress on the vitality of natural streams throughout the City. This has caused erosion, loss of natural habitat, impacted riparian areas, infrastructure damage, and flooding issues in these streams. Designing and implementing restoration for these streams will provide the additional capacity needed to handle the added stormwater runoff from urbanization, allowing for the return of natural habitat and enhancing the health of these important resources in our City. Restoration of these resources can also provide the added benefit of creating nutrient and sediment pollution reductions and help the City address Chesapeake Bay Total Maximum Daily Load (TMDL) mandates.

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

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

TAYLOR RUN STREAM RESTORATION

DOCUMENT SUBSECTION:	Stormwater Management	PROJECT LOCATION:	Chinquapin and Forest Parks
MANAGING DEPARTMENT:	T&ES	REPORTING AREA:	Taylor Run
		PROJECT CATEGORY:	3
PRIMARY STRATEGIC THEME:	Theme 8: Environmental Sustain.	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**4,347,850**	**4,347,850**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds (Stormwater)	1,867,850	1,867,850	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	2,255,000	2,255,000	0	0	0	0	0	0	0	0	0	0	0
Stormwater Utility Fund	125,000	125,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**4,347,850**	**4,347,850**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

The project along Taylor Run is mainly located in Chinquapin 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 Chinquapin Recreation Center to approximately 1,900 feet downstream. A stream restoration project to stabilize the stream banks and provide overall improvement to the stream's function is a stormwater treatment strategy that protects local water quality and mitigates the transport of pollutants to the Chesapeake Bay. 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 purpose of the Study was to help the City develop overall strategies to deal with degraded streams and assist in prioritizing the projects. 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

Operating funding and existing City staff provide annual support for routine and ongoing inspection, monitoring and reporting, and maintenance as applicable. The BMP Maintenance CFMP program addresses capital maintenance for projects built to address Bay TMDL requirements.

OTHER REGIONAL CONTRIBUTIONS

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Other Regional Contributions											
Other Regional Contributions											
Northern Virginia Community College (NVCC)	0	0	0	0	0	0	0	0	0	0	0
Northern Virginia Regional Park Authority (NVRPA)	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000
Other Regional Contributions Total	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000
Other Regional Contributions Total	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000

NORTHERN VIRGINIA COMMUNITY COLLEGE (NVCC)

DOCUMENT SUBSECTION:	Regional Contributions	PROJECT LOCATION:	3001 N. Beauregard St, (Alexandria Campus)
MANAGING DEPARTMENT:	Office of Management & Budget	REPORTING AREA:	Regional
SUPPORTING DEPARTMENT(S):	N/A	PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	ESTIMATE USEFUL LIFE:	Varies

Northern Virginia Community College (NVCC)

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**5,398,097**	**5,398,097**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	4,867,900	4,867,900	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	132,343	132,343	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	76,054	76,054	0	0	0	0	0	0	0	0	0	0	0
Prior Capital Funding	321,800	321,800	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**5,398,097**	**5,398,097**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding for FY 2022 – FY 2031 removed from CIP. Northern Virginia Community College has requested that the City's capital contribution be converted to purchase early college seats for ACPS high school students. This proposed conversion of $400,000 in FY2022 and beyond is reflected in Non-Departmental Contingent Reserves as part of the City Manager's Proposed FY 2022 Operating Budget.

PROJECT DESCRIPTION & JUSTIFICATION

This project has historically provided for the City's capital contribution to the Northern Virginia Community College, a two-year college serving Northern Virginia. Currently, there are nine local jurisdictions that pay a portion of NVCC's operating and capital costs, including Arlington, Fairfax, Loudoun, and Prince William Counties; and the Cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park. The college's six campuses are located in Annandale, Alexandria, Loudoun County, Manassas, Woodbridge, and Springfield.

For FY 2022, NVCC approached the City and Alexandria City Public School (ACPS) with a proposal to repurpose NVCC's per capita regional subsidy and move these funds to the operating budget to expand higher education opportunities for ACPS high school students. As part of the City Manager's Proposed FY 2022 – FY 2031 CIP, the previous NVCC capital contribution was removed from the CIP and $400,000 was budgeted in Non-Departmental contingent reserves, pending the submission of a plan by ACPS for this program. Subsequently, ACPS presented a plan to City staff and as a part of the FY 2022 technical adjustment process, City Council authorized the reallocation of Non-Departmental contingent reserve funding for the ACPS and Northern Virginia Community College (NVCC) concurrent enrollment program for high school students, increasing the ACPS operating transfer by $400,000 to support this program.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

An additional operating impact is not anticipated at this time.

NORTHERN VIRGINIA REGIONAL PARK AUTHORITY (NVRPA)

DOCUMENT SUBSECTION:	Regional Contributions	PROJECT LOCATION:	121 N. Fairfax St. (Carlyle House) & 4001 Eisenhower Ave. (Cameron Run Regional Park)
MANAGING DEPARTMENT:	Office of Management & Budget	REPORTING AREA:	Regional
SUPPORTING DEPARTMENT(S):	Recreation, Parks & Cultural Activities	PROJECT CATEGORY:	1
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & 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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**12,752,972**	**7,962,972**	**422,000**	**466,000**	**471,000**	**476,000**	**480,000**	**485,000**	**490,000**	**495,000**	**500,000**	**505,000**	**4,790,000**
Financing Plan													
Cash Capital	10,365,318	5,575,318	422,000	466,000	471,000	476,000	480,000	485,000	490,000	495,000	500,000	505,000	4,790,000
GO Bond Interest Earnings	752,455	752,455	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	1,635,199	1,635,199	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**12,752,972**	**7,962,972**	**422,000**	**466,000**	**471,000**	**476,000**	**480,000**	**485,000**	**490,000**	**495,000**	**500,000**	**505,000**	**4,790,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

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 2022 NVRPA capital budget total, the City's share is $421,753. For FY 2021, the per capita rate remains at $2.65 for the capital budget. Table A on the next page provides additional information regarding the contributions of each jurisdiction.

Based on City Council action in December 2017, the City and NVRPA have began the process to re-plan (as a long term partnership with NVRPA) Cameron Run Regional Park to meet the City's goal of year-round usage and an increased level of park and recreation facilities offered to the public at Cameron Run.

(Continued on next page)

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

Operating support of $310,346 is included as part of the FY 2022 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

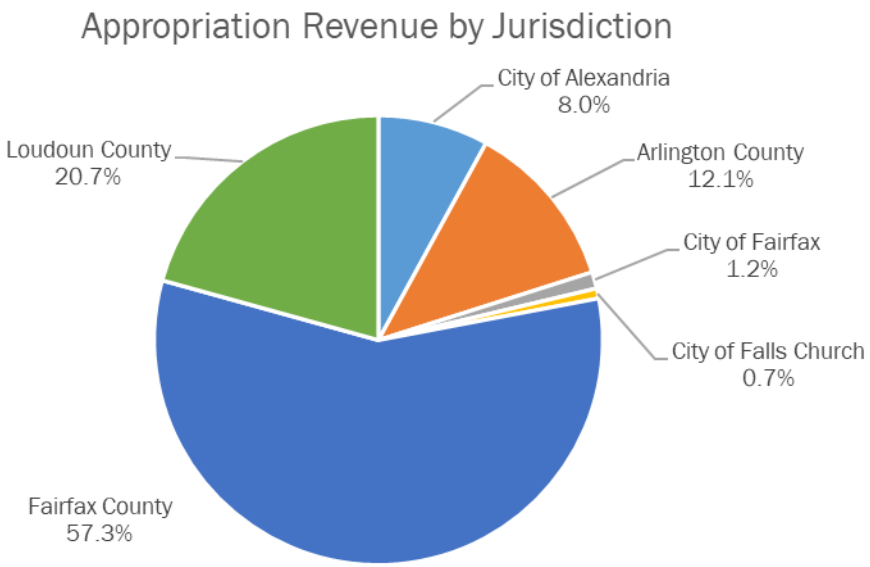


Table B: Regional Jurisdiction Contribution

	2022 Estimated Population	Per Capita Cost	Percent of Total Population	FY 2022 Capital Request
City of Alexandria	159,152	$2.65	7.97%	$ 421,753
Arlington County	242,152	$2.65	12.13%	$ 641,703
City of Fairfax	23,943	$2.65	1.20%	$ 63,449
City of Falls Church	14,331	$2.65	0.72%	$ 37,977
Fairfax County	1,143,528	$2.65	57.27%	$ 3,030,349
Loudoun County	413,546	$2.65	20.71%	$ 1,095,897
TOTAL	1,996,652			$ 5,291,128

Notes

1. The FY 2022 population estimate is based on the University of Virginia Weldon Cooper Center, Demographics Research Group (published January 27, 2020).

IT PLAN

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
IT Plan											
Document Management											
Document Imaging	10,000	10,000	10,000	10,000	110,000	10,000	10,000	10,000	10,000	10,000	200,000
Document Management Total	10,000	10,000	10,000	10,000	110,000	10,000	10,000	10,000	10,000	10,000	200,000
Financial Systems											
Business Tax System/Reciprocity Contractor System	0	0	0	0	0	0	305,000	0	0	0	305,000
Employee Pension Administration System	0	0	0	0	0	0	0	0	0	0	0
Enterprise Resource Planning System	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Personal Property Tax System	144,900	152,200	159,800	167,800	176,200	185,000	194,200	203,900	214,100	225,000	1,823,100
Phone, Web, Portable Device Payment Portals	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	0	0	0	0	175,000	0	0	0	200,000	0	375,000
Real Estate Assessment System (CAMA)	15,000	15,000	15,000	15,000	60,000	15,000	15,000	15,000	15,000	15,000	195,000
Financial Systems Total	224,900	232,200	239,800	247,800	436,200	225,000	539,200	243,900	454,100	265,000	3,108,100
Geographic Information Systems											
GIS Development	70,000	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	525,000
Geographic Information Systems Total	70,000	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	525,000
Network Services											
Connectivity Initiatives	608,000	639,000	670,000	704,000	740,000	780,000	780,000	400,000	400,000	740,000	6,461,000
Database Infrastructure	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Enterprise Camera System	0	0	0	0	0	0	0	0	0	0	0
Enterprise Collaboration	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Enterprise Data Storage Infrastructure	400,000	350,000	350,000	350,000	0	0	0	0	0	0	1,450,000
Enterprise Service Catalog	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Information Technology Equipment Replacement	922,000	996,000	1,001,000	1,006,000	1,011,000	1,017,000	822,000	829,000	835,000	842,000	9,281,000
Information Technology Lump Sum Funding	0	1,200,000	3,200,000	3,200,000	3,200,000	3,200,000	3,400,000	3,400,000	3,400,000	5,000,000	29,200,000
LAN Development	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
LAN/WAN Infrastructure	1,438,700	952,400	466,500	480,900	1,732,700	913,900	922,800	931,800	941,800	952,800	9,734,300
Municipal Fiber	14,553,000	160,000	168,000	176,000	185,000	195,000	204,000	215,000	225,000	236,000	16,317,000
Network Security	510,000	500,000	605,000	400,000	400,000	800,000	350,000	350,000	350,000	500,000	4,765,000
Network Server Infrastructure	300,000	300,000	300,000	0	0	0	0	0	0	0	900,000
Remote Access	170,000	175,000	0	0	0	0	0	0	0	0	345,000
Time & Attendance System Upgrade	0	0	40,000	0	0	0	0	55,000	0	0	95,000
Upgrade Work Station Operating Systems	233,000	386,000	290,000	395,000	100,000	105,000	110,000	115,000	121,000	127,000	1,982,000
Voice Over Internet Protocol (VoIP)	155,000	120,000	80,000	60,000	0	0	0	0	0	0	415,000
Network Services Total	19,434,700	5,923,400	7,315,500	6,916,900	7,393,700	7,035,900	6,613,800	6,320,800	6,297,800	8,422,800	81,675,300

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

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Other System Development Projects											
Computerized Maintenance Management System (CMMS)	325,000	159,000	0	0	0	0	0	0	0	0	484,000
Council Chamber Technology Upgrade	0	440,000	0	0	66,000	0	0	0	0	450,000	956,000
DCHS Integrated Client Information System	300,000	TBD	TBD	0	0	0	0	0	0	0	300,000
Enterprise Maintenance Mgmt System	40,000	40,000	40,000	40,000	380,600	0	0	0	0	380,000	920,600
Fleet Management System	0	0	0	0	0	0	0	0	0	0	0
FOIA System Replacement	100,000	0	0	0	0	0	0	0	0	0	100,000
HIPAA & Related Health Information Technologies	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Impound Lot System Replacement	150,000	0	0	0	0	0	0	0	0	0	150,000
Library Information Technology Equipment Replacement	32,000	0	0	0	0	0	0	0	0	0	32,000
Library Public Access Computers and Print Mgmt System	0	85,000	0	0	0	0	0	0	0	0	85,000
Library Scanning Equipment and DAMS	0	0	0	0	0	0	0	0	0	0	0
Library Self-Service Stations/Equipment	0	0	0	152,000	0	0	0	0	0	0	152,000
Migration of Integrated Library System to SAAS Platform	0	0	0	0	0	0	0	0	0	0	0
Office of Voter Registrations and Elections Equipment Replacement	0	0	0	0	0	0	0	1,000,000	0	0	1,000,000
OHA Point-of-Sale System Replacement	0	0	150,000	0	0	0	0	0	0	0	150,000
OHA Records Management System Replacement	5,000	0	0	0	0	0	0	0	0	0	5,000
Permit Processing	100,000	100,000	100,000	100,000	100,000	350,000	350,000	100,000	100,000	100,000	1,500,000
Project Management Software	113,000	0	0	0	0	0	0	0	0	0	113,000
Recreation Database System	200,000	10,000	10,000	10,000	65,000	10,000	10,000	10,000	10,000	10,000	345,000
Small Systems Replacements	0	0	0	0	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Other System Development Projects Total	1,390,000	859,000	325,000	327,000	636,600	635,000	635,000	1,385,000	385,000	1,215,000	7,792,600
Public Access Development											
Customer Relationship Management System	0	0	0	0	0	0	0	0	0	0	0
Electronic Government/Web Page	160,000	50,000	250,000	50,000	50,000	50,000	50,000	0	0	250,000	910,000
Public Access Development Total	160,000	50,000	250,000	50,000	50,000	50,000	50,000	0	0	250,000	910,000
Public Safety Systems											
AJIS System	3,401,000	1,829,000	259,000	259,000	268,000	258,000	258,000	257,000	257,000	1,725,000	8,771,000
Computer Aided Dispatch (CAD) System Replacement	104,000	108,000	114,000	6,819,000	125,000	132,000	138,000	145,000	152,000	160,000	7,997,000
Courtroom Trial Presentation Technology	0	100,000	0	0	100,000	100,000	25,000	0	0	100,000	425,000
Electronic Citations Implementation	420,000	0	0	0	0	0	0	0	0	420,000	840,000
Fire Dept RMS	307,500	0	0	0	0	0	0	0	0	0	307,500
Parking Citation System Replacement	135,000	0	0	0	0	0	0	0	0	135,000	270,000
Radio System Upgrade	950,500	4,657,600	1,520,000	2,742,000	0	0	0	2,000,000	0	0	11,870,100
Public Safety Systems Total	5,318,000	6,694,600	1,893,000	9,820,000	493,000	490,000	421,000	2,402,000	409,000	2,540,000	30,480,600
Grand Total	26,607,600	13,799,200	10,103,300	17,401,700	9,204,500	8,485,900	8,339,000	10,391,700	7,625,900	12,732,800	124,691,600

DOCUMENT IMAGING

DOCUMENT SUBSECTION:	Document Management	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	6 - 10 Years

Document Imaging

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,584,375**	**2,384,375**	**10,000**	**10,000**	**10,000**	**10,000**	**110,000**	**10,000**	**10,000**	**10,000**	**10,000**	**10,000**	**200,000**
Financing Plan													
Cash Capital	2,207,375	2,007,375	10,000	10,000	10,000	10,000	110,000	10,000	10,000	10,000	10,000	10,000	200,000
GO Bond Interest Earnings	337,000	337,000	0	0	0	0	0	0	0	0	0	0	0
Prior Year CIP/Close-Out	40,000	40,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**2,584,375**	**2,384,375**	**10,000**	**10,000**	**10,000**	**10,000**	**110,000**	**10,000**	**10,000**	**10,000**	**10,000**	**10,000**	**200,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 (APEX permitting system).

In FY 2019, the City migrated to an enterprise licensing model, which keeps the system viable and supports the product lifecycle. The upgrade afforded better capabilities to integrate with the City's new Permitting 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Finance	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	6 - 10 Years

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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,529,595**	**1,224,595**	**0**	**0**	**0**	**0**	**0**	**0**	**305,000**	**0**	**0**	**0**	**305,000**
Financing Plan													
Cash Capital	1,229,615	924,615	0	0	0	0	0	0	305,000	0	0	0	305,000
GO Bonds	299,980	299,980	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,529,595**	**1,224,595**	**0**	**0**	**0**	**0**	**0**	**0**	**305,000**	**0**	**0**	**0**	**305,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 FY2020, 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 sustain and maintain status, 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.

EMPLOYEE PENSION ADMINISTRATION SYSTEM

DOCUMENT SUBSECTION:	Financial Systems	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Finance	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	6 - 10 Years

Employee Pension Administration System

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**350,000**	**350,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Pension Admin. Fees	350,000	350,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**350,000**	**350,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

This project provides funds to acquire and implement an Employee Pension Administration System to support the City's responsibilities for retirement plan administration. Currently, the City uses an outside contractor to provide all plan administration services for the Supplemental Retirement Plan. Jurisdictions larger than the City typically perform this function internally while those smaller than Alexandria outsource the function to contractors. Staff is studying whether bringing plan administration services in-house would provide cost or performance efficiencies. If the City ultimately decides to manage this in-house, a software system will be required. This project supports the Finance Department's strategic plans for long-term financial stability of the City.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Finance	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**4,183,312**	**4,023,312**	**40,000**	**40,000**	**40,000**	**40,000**	**0**	**0**	**0**	**0**	**0**	**0**	**160,000**
Financing Plan													
Cash Capital	1,283,312	1,123,312	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
GO Bonds	2,900,000	2,900,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**4,183,312**	**4,023,312**	**40,000**	**40,000**	**40,000**	**40,000**	**0**	**0**	**0**	**0**	**0**	**0**	**160,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 occur 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Finance	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	6 - 10 Years

Personal Property Tax System

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**4,270,239**	**2,447,139**	**144,900**	**152,200**	**159,800**	**167,800**	**176,200**	**185,000**	**194,200**	**203,900**	**214,100**	**225,000**	**1,823,100**
Financing Plan													
Cash Capital	4,270,239	2,447,139	144,900	152,200	159,800	167,800	176,200	185,000	194,200	203,900	214,100	225,000	1,823,100
Financing Plan Total	**4,270,239**	**2,447,139**	**144,900**	**152,200**	**159,800**	**167,800**	**176,200**	**185,000**	**194,200**	**203,900**	**214,100**	**225,000**	**1,823,100**
Operating Impact	1,334,000	0	0	121,000	127,000	134,000	140,000	147,000	154,000	162,000	170,000	179,000	1,334,000

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 will be used to begin implementing a modern, commercial-off-the-shelf personal property tax system. The City anticipates the replacement system will be in production in FY 2022. 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Finance	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	6 - 10 Years

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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**500,000**	**250,000**	**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	321,000	71,000	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	0	0	0	0	0	0	0	0	0	0	0
Prior Year CIP/Close-Out	4,000	4,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**500,000**	**250,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**250,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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 sustain and maintain status. 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Finance	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	6 - 10 Years

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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,010,000**	**1,635,000**	**0**	**0**	**0**	**0**	**175,000**	**0**	**0**	**0**	**200,000**	**0**	**375,000**
Financing Plan													
Cash Capital	2,008,890	1,633,890	0	0	0	0	175,000	0	0	0	200,000	0	375,000
GO Bonds	1,110	1,110	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**2,010,000**	**1,635,000**	**0**	**0**	**0**	**0**	**175,000**	**0**	**0**	**0**	**200,000**	**0**	**375,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Due to FY 2021 funding reductions in response to the COVID-19 pandemic, funding for this project was reduced by $175,000. This funding has been restored to the project in FY 2026.

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 in the out years is for a major upgrade or anticipated replacement 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Finance	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	0 - 5 Years

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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**505,000**	**310,000**	**15,000**	**15,000**	**15,000**	**15,000**	**60,000**	**15,000**	**15,000**	**15,000**	**15,000**	**15,000**	**195,000**
Financing Plan													
Cash Capital	505,000	310,000	15,000	15,000	15,000	15,000	60,000	15,000	15,000	15,000	15,000	15,000	195,000
Financing Plan Total	**505,000**	**310,000**	**15,000**	**15,000**	**15,000**	**15,000**	**60,000**	**15,000**	**15,000**	**15,000**	**15,000**	**15,000**	**195,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Due to FY 2021 funding reductions in response to the COVID-19 pandemic, funding for this project was reduced by $45,000. This funding has been restored to the project in FY 2026. Funding added to project for FY 2031.

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. The City will also strive to remain compliant with any required upgrades to ensure the application remains viable.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**3,049,500**	**2,524,500**	**70,000**	**30,000**	**70,000**	**30,000**	**85,000**	**40,000**	**70,000**	**30,000**	**70,000**	**30,000**	**525,000**
Financing Plan													
Cash Capital	2,927,251	2,402,251	70,000	30,000	70,000	30,000	85,000	40,000	70,000	30,000	70,000	30,000	525,000
GO Bonds	22,249	22,249	0	0	0	0	0	0	0	0	0	0	0
Prior Year CIP/Close-Out	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**3,049,500**	**2,524,500**	**70,000**	**30,000**	**70,000**	**30,000**	**85,000**	**40,000**	**70,000**	**30,000**	**70,000**	**30,000**	**525,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**18,863,270**	**12,402,270**	**608,000**	**639,000**	**670,000**	**704,000**	**740,000**	**780,000**	**780,000**	**400,000**	**400,000**	**740,000**	**6,461,000**
Financing Plan													
Cash Capital	5,214,000	0	0	0	670,000	704,000	740,000	780,000	780,000	400,000	400,000	740,000	5,214,000
Comcast Revenues	1,247,000	0	608,000	639,000	0	0	0	0	0	0	0	0	1,247,000
Private Capital Contributions	12,402,270	12,402,270	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**18,863,270**	**12,402,270**	**608,000**	**639,000**	**670,000**	**704,000**	**740,000**	**780,000**	**780,000**	**400,000**	**400,000**	**740,000**	**6,461,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,018,000**	**858,000**	**40,000**	**40,000**	**40,000**	**40,000**	**0**	**0**	**0**	**0**	**0**	**0**	**160,000**
Financing Plan													
Cash Capital	905,629	745,629	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
GO Bonds	112,371	112,371	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,018,000**	**858,000**	**40,000**	**40,000**	**40,000**	**40,000**	**0**	**0**	**0**	**0**	**0**	**0**	**160,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous 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. Funds in out years are for the upgrades to SQL database licensing required by Microsoft.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**50,000**	**50,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	50,000	50,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**50,000**	**50,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

This project is to provide funds for an enterprise-wide assessment of needs for physical security camera systems 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. 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

No additional operating impacts identified at this time.

ENTERPRISE COLLABORATION

DOCUMENT SUBSECTION:	Network Services	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**850,000**	**690,000**	**40,000**	**40,000**	**40,000**	**40,000**	**0**	**0**	**0**	**0**	**0**	**0**	**160,000**
Financing Plan													
Cash Capital	850,000	690,000	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Financing Plan Total	**850,000**	**690,000**	**40,000**	**40,000**	**40,000**	**40,000**	**0**	**0**	**0**	**0**	**0**	**0**	**160,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 2022, funds in this project will be used to complete the City's migration to Microsoft's One Drive cloud storage, which will reduce on-premises storage requirements and will support staff capabilities to work remotely.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**5,380,435**	**3,930,435**	**400,000**	**350,000**	**350,000**	**350,000**	**0**	**0**	**0**	**0**	**0**	**0**	**1,450,000**
Financing Plan													
Cash Capital	3,566,000	2,116,000	400,000	350,000	350,000	350,000	0	0	0	0	0	0	1,450,000
Code Fund Balance	150,000	150,000	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	1,664,435	1,664,435	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**5,380,435**	**3,930,435**	**400,000**	**350,000**	**350,000**	**350,000**	**0**	**0**	**0**	**0**	**0**	**0**	**1,450,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 adding needed storage capacity while maintaining optimal performance. Staff will continue to research next generation storage technology.

In FY 2020, funds from this project were used to expand and upgrade the City's storage capacity to accommodate growing digital storage needs. Additionally, the enterprise backup systems were replaced with a modern, feature rich platform. In FY 2021, staff continues to work on migrating to the new Storage Area Network, which will ensure the City remains compliant with regulatory requirements around the retention of City data.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**380,000**	**220,000**	**40,000**	**40,000**	**40,000**	**40,000**	**0**	**0**	**0**	**0**	**0**	**0**	**160,000**
Financing Plan													
Cash Capital	380,000	220,000	40,000	40,000	40,000	40,000	0	0	0	0	0	0	160,000
Financing Plan Total	**380,000**	**220,000**	**40,000**	**40,000**	**40,000**	**40,000**	**0**	**0**	**0**	**0**	**0**	**0**	**160,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $160,000 was removed from this project in FY 2022, based on current project needs.

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 implement features and capabilities which includes asset and inventory management to best support and safeguard overall device management.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**13,133,740**	**3,852,740**	**922,000**	**996,000**	**1,001,000**	**1,006,000**	**1,011,000**	**1,017,000**	**822,000**	**829,000**	**835,000**	**842,000**	**9,281,000**
Financing Plan													
Cash Capital	12,833,740	3,552,740	922,000	996,000	1,001,000	1,006,000	1,011,000	1,017,000	822,000	829,000	835,000	842,000	9,281,000
Private Capital Contributions	300,000	300,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**13,133,740**	**3,852,740**	**922,000**	**996,000**	**1,001,000**	**1,006,000**	**1,011,000**	**1,017,000**	**822,000**	**829,000**	**835,000**	**842,000**	**9,281,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding for one support engineer was moved from the central ITS Staffing project to this project. Project scope funding was increased by $80,000 in FY 2022 and $150,000 in FY 2023 to ensure adequate technology equipment support for teleworking during the COVID-19 pandemic. Funding added to project for FY 2031.

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. Funding largely is to replace equipment that will better enable telework "work-from-home" support 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
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**29,200,000**	**0**	**0**	**1,200,000**	**3,200,000**	**3,200,000**	**3,200,000**	**3,200,000**	**3,400,000**	**3,400,000**	**3,400,000**	**5,000,000**	**29,200,000**
Financing Plan													
Cash Capital	29,200,000	0	0	1,200,000	3,200,000	3,200,000	3,200,000	3,200,000	3,400,000	3,400,000	3,400,000	5,000,000	29,200,000
Financing Plan Total	**29,200,000**	**0**	**0**	**1,200,000**	**3,200,000**	**3,200,000**	**3,200,000**	**3,200,000**	**3,400,000**	**3,400,000**	**3,400,000**	**5,000,000**	**29,200,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding eliminated for FY 2022, and allocated to now-determined projects in the IT Plan. Funding added to project for FY 2031.

PROJECT DESCRIPTION & JUSTIFICATION

This project reserves IT project future funding in FY 2023 – FY 2031 for use on 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.

IT ENTERPRISE MANAGEMENT SYSTEM

DOCUMENT SUBSECTION:	Network Services	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	Varies

IT Enterprise Management System

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**510,000**	**510,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	460,000	460,000	0	0	0	0	0	0	0	0	0	0	0
Comcast Revenues	50,000	50,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**510,000**	**510,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

The IT Enterprise Management System project continues to support the proper lifecycle management of enterprise software installed on information technology equipment. This project provides funding to automate operating system deployment, software deployment, and automated software patching services. ITS deployed this tool to streamline and standardize the deployment of desktop and server software packages. This allows the City to efficiently stay current with the software manufacturer's lifecycle and/or address potential vulnerabilities.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**734,000**	**484,000**	**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	570,661	320,661	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
GO Bond Interest Earnings	30,679	30,679	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	67,660	67,660	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	65,000	65,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**734,000**	**484,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**250,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**17,908,440**	**8,174,140**	**1,438,700**	**952,400**	**466,500**	**480,900**	**1,732,700**	**913,900**	**922,800**	**931,800**	**941,800**	**952,800**	**9,734,300**
Financing Plan													
Cash Capital	11,369,313	2,388,013	1,046,700	591,400	466,500	480,900	1,732,700	913,900	922,800	931,800	941,800	952,800	8,981,300
Comcast Revenues	1,724,000	971,000	392,000	361,000	0	0	0	0	0	0	0	0	753,000
GO Bond Interest Earnings	13,816	13,816	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	763,311	763,311	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	4,038,000	4,038,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**17,908,440**	**8,174,140**	**1,438,700**	**952,400**	**466,500**	**480,900**	**1,732,700**	**913,900**	**922,800**	**931,800**	**941,800**	**952,800**	**9,734,300**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding for added to project for a capitalized staff position that will directly support LAN/WAN Infrastructure project. Funding added to project for FY 2031.

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.

In FY 2020, Internet routers and firewalls were upgraded to improve stability, performance, and security of the network.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**20,727,000**	**7,610,000**	**11,353,000**	**160,000**	**168,000**	**176,000**	**185,000**	**195,000**	**204,000**	**215,000**	**225,000**	**236,000**	**13,117,000**
Financing Plan													
Cash Capital	9,901,427	6,784,427	1,353,000	160,000	168,000	176,000	185,000	195,000	204,000	215,000	225,000	236,000	3,117,000
GO Bonds	10,825,573	825,573	10,000,000	0	0	0	0	0	0	0	0	0	10,000,000
Financing Plan Total	**20,727,000**	**7,610,000**	**11,353,000**	**160,000**	**168,000**	**176,000**	**185,000**	**195,000**	**204,000**	**215,000**	**225,000**	**236,000**	**13,117,000**
Operating Impact	6,644,000	0	0	0	830,500	830,500	830,500	830,500	830,500	830,500	830,500	830,500	6,644,000

CHANGES FROM PRIOR YEAR CIP

In the FY 2021 – 2030 CIP Approved Budget, funding for this project was reduced by $5 million in response to the COVID-19 pandemic, and due to the projected timeline at the time the FY 2021 budget was approved. The funding for this project included in the FY 2022 – FY 2031 Proposed Budget was based on bid information received in January 2021. The amount included this Approved Budget, which is $3.2 million less, is based on actual contract award. Previously appropriated funds, along with planned FY 2022 funding will provide approximately $19.0 million for implementation of the project, and additional funding for a dedicated staff member for managing the project. Funding appropriation is entirely budgeted in FY 2022, based on project's procurement schedule. However, project timeline and cash flow needs likely mean that actual borrowing for this project can be spread from FY 2022 through FY 2024.

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. The City is seeking a technically superior alternative, while providing potential new revenue streams through the leasing of excess capacity.

After extensive research and evaluation of technological and market conditions, the City has determined that the construction and operation of its own fiber optic network will lead to increased service capabilities, as well as give the City potential revenue options with private entity leasing agreements of the second conduit that is being included in the construction. Allowing the leasing of the second conduit by the private sector would enable the private service providers to provide high speed internet connections to City businesses and residents and represents an investment in future long-term positive economic development.

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. Approved funds were used to contract a Municipal Fiber Engineer and to secure professional services to design and implement the Municipal Fiber project.

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 will support the construction of the fiber network, expected to be completed in four years from contract award date, which was in early 2021. 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. One conduit for the City's I-Net functions and one empty conduit for use by the private sector to provide community broad band or other beneficial services.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

Maintenance and monitoring of a City-owned and operating I-Net will require additional software systems and staffing.

NETWORK SECURITY

DOCUMENT SUBSECTION:	Network Services	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**8,630,000**	**3,865,000**	**510,000**	**500,000**	**605,000**	**400,000**	**400,000**	**800,000**	**350,000**	**350,000**	**350,000**	**500,000**	**4,765,000**
Financing Plan													
Cash Capital	7,102,014	2,337,014	510,000	500,000	605,000	400,000	400,000	800,000	350,000	350,000	350,000	500,000	4,765,000
Comcast Revenues	590,000	590,000	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	80,000	80,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	57,986	57,986	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	800,000	800,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**8,630,000**	**3,865,000**	**510,000**	**500,000**	**605,000**	**400,000**	**400,000**	**800,000**	**350,000**	**350,000**	**350,000**	**500,000**	**4,765,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding increased in the amount of $160,000 in FY 2022 to meet increased security needs while a heightened number of staff telework during the COVID-19 public health emergency. Funding added to project for FY 2031.

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. In FY 2021, this project funded improvements to security for remote workers, as this was critical in supporting City operations during the pandemic.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

NETWORK SERVER INFRASTRUCTURE

DOCUMENT SUBSECTION:	Network Services	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**9,321,143**	**8,421,143**	**300,000**	**300,000**	**300,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**900,000**
Financing Plan													
Cash Capital	6,831,976	5,931,976	300,000	300,000	300,000	0	0	0	0	0	0	0	900,000
GO Bonds	717,042	717,042	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	1,772,125	1,772,125	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**9,321,143**	**8,421,143**	**300,000**	**300,000**	**300,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**900,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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.

In FY 2020, staff began efforts to update various components of the server infrastructure, including domain controllers, the virtual computing environment, and the replacement and upgrade of high-performance hardware (USC blades). Many of these efforts were completed in FY 2021. 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,343,000**	**998,000**	**170,000**	**175,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**345,000**
Financing Plan													
Cash Capital	1,343,000	998,000	170,000	175,000	0	0	0	0	0	0	0	0	345,000
Financing Plan Total	**1,343,000**	**998,000**	**170,000**	**175,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**345,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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.

In FY 2020, funds from this project were used to procure additional licenses to enable more City staff to work remotely, due to the pandemic. In FY 2021, staff are working to complete the necessary server upgrades to ensure this environment remains in a good state of repair.

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
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**165,000**	**70,000**	**0**	**0**	**40,000**	**0**	**0**	**0**	**0**	**55,000**	**0**	**0**	**95,000**
Financing Plan													
Cash Capital	165,000	70,000	0	0	40,000	0	0	0	0	55,000	0	0	95,000
Financing Plan Total	**165,000**	**70,000**	**0**	**0**	**40,000**	**0**	**0**	**0**	**0**	**55,000**	**0**	**0**	**95,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding originally deferred to FY 2022 due to the COVID-19 public health emergency ($80,000) was removed from the project.

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.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

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
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**5,445,950**	**3,463,950**	**233,000**	**386,000**	**290,000**	**395,000**	**100,000**	**105,000**	**110,000**	**115,000**	**121,000**	**127,000**	**1,982,000**
Financing Plan													
Cash Capital	4,925,671	2,943,671	233,000	386,000	290,000	395,000	100,000	105,000	110,000	115,000	121,000	127,000	1,982,000
GO Bond Interest Earnings	120,000	120,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	400,279	400,279	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**5,445,950**	**3,463,950**	**233,000**	**386,000**	**290,000**	**395,000**	**100,000**	**105,000**	**110,000**	**115,000**	**121,000**	**127,000**	**1,982,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding for one support engineer was moved from the central ITS Staffing project to this project.

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 (e.g. tablets) 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 problems.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**6,007,173**	**5,592,173**	**155,000**	**120,000**	**80,000**	**60,000**	**0**	**0**	**0**	**0**	**0**	**0**	**415,000**
Financing Plan													
Cash Capital	2,288,173	1,873,173	155,000	120,000	80,000	60,000	0	0	0	0	0	0	415,000
GO Bonds	621,000	621,000	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	3,098,000	3,098,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**6,007,173**	**5,592,173**	**155,000**	**120,000**	**80,000**	**60,000**	**0**	**0**	**0**	**0**	**0**	**0**	**415,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 new features including voicemail to email and departmental call center reporting enhancements. This enables the City to leverage the next generation capabilities and features to integrate with other City systems and applications.

Funds in FY 2020 were used to initiate redundancy improvements to telephony services, enhancing 911 call center reporting location due to regulatory requirements, and enhancing emergency 911 integrations to provide additional redundancy. All of these efforts are targeted for completion in FY 2021. Additionally, in FY 2021, enhancements to remote worker telephony services and marketplace offerings are being researched with current VoIP services.

Funds in FY 2022 and FY 2023 will be used to replace end-of-life hardware, software, and desk handsets and upgrade to the next generation unified voice communication platform to meet the City's future business requirements.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM (CMMS)

DOCUMENT SUBSECTION:	Other System Development Projects	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of General Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**484,000**	**0**	**325,000**	**159,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**484,000**
Financing Plan													
Cash Capital	484,000	0	325,000	159,000	0	0	0	0	0	0	0	0	484,000
Financing Plan Total	**484,000**	**0**	**325,000**	**159,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**484,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding amounts added for FY 2022 ($325,000) and FY 2023 ($159,000). Project name changed from General Services Facilities Management System.

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

No additional operating impacts identified at this time.

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
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,306,000**	**350,000**	**0**	**440,000**	**0**	**0**	**66,000**	**0**	**0**	**0**	**0**	**450,000**	**956,000**
Financing Plan													
Cash Capital	956,000	0	0	440,000	0	0	66,000	0	0	0	0	450,000	956,000
Private Capital Contributions	350,000	350,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,306,000**	**350,000**	**0**	**440,000**	**0**	**0**	**66,000**	**0**	**0**	**0**	**0**	**450,000**	**956,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 2018 and FY 2019 was used to define the requirements, obtain cost proposals, and contract with vendor resources to perform the necessary audio visual improvements. The City Council Chambers was installed with modern, functional equipment that was suited to the task and environment. The equipment will have to be periodically replaced. In addition, enhancements may be required to allow for greater virtual capabilities. 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.

DCHS INTEGRATED CLIENT INFORMATION SYSTEM

DOCUMENT SUBSECTION:	Other System Development Projects	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 9: Healthy Residents	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**300,000**	**0**	**300,000**	**TBD**	**TBD**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**300,000**
Financing Plan													
Cash Capital	300,000	0	300,000	TBD	TBD	0	0	0	0	0	0	0	300,000
Financing Plan Total	**300,000**	**0**	**300,000**	**TBD**	**TBD**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**300,000**

CHANGES FROM PRIOR YEAR CIP

New project added to FY 2022 – FY 2031 CIP.

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.

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.

CIP funding will be used to engage a vendor/consultant through an RFI process. Work would include a review of current business processes, systems in use, survey of staff and clients, model review, identification of similar system in other localities, broad cost estimating and final report and recommendations. The timing and cost to implement the system will need to be determined after the completion of the review.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION	ADDITIONAL OPERATING IMPACTS
N/A	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
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,310,000**	**389,400**	**40,000**	**40,000**	**40,000**	**40,000**	**380,600**	**0**	**0**	**0**	**0**	**380,000**	**920,600**
Financing Plan													
Cash Capital	1,160,000	239,400	40,000	40,000	40,000	40,000	380,600	0	0	0	0	380,000	920,600
GO Bonds	150,000	150,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,310,000**	**389,400**	**40,000**	**40,000**	**40,000**	**40,000**	**380,600**	**0**	**0**	**0**	**0**	**380,000**	**920,600**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

The Approved FY 2021 – FY 2030 CIP, in response to the COVID-19 public health emergency, deferred FY 2021 funding to FY 2022 ($20,000) and reduced previously appropriated project balances ($360,000). The FY 2022 – FY 2031 CIP restores this funding in FY 2026, based on current project timeline and needs.

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.

One additional capability currently being explored is an inventory management features that would allow for tighter control over supplies and materials. Staff are currently developing system requirements and will make a recommendation for appropriate next steps.

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
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**140,000**	**140,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	140,000	140,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**140,000**	**140,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous 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. Thus, the current version of software that the City is using is approaching its end-of-life.

This effort will be similar to a new system implementation, because it is essentially a different set of software. The scope will include new licensing, data migration, reports migration, new feature setup and configuration, testing, training, and go-live support. Funding in the out years for this project will be used to sustain and maintain the system properly.

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
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**115,000**	**15,000**	**100,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**100,000**
Financing Plan													
Cash Capital	115,000	15,000	100,000	0	0	0	0	0	0	0	0	0	100,000
Financing Plan Total	**115,000**	**15,000**	**100,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**100,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $100,000 added to FY 2022 to investigate tools to archive staff text messaging communications.

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.

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
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 9: Healthy Residents	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**903,000**	**653,000**	**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	800,000	550,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Private Capital Contributions	75,000	75,000	0	0	0	0	0	0	0	0	0	0	0
Prior Year CIP/Close-Out	28,000	28,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**903,000**	**653,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**250,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**200,000**	**50,000**	**150,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**150,000**
Financing Plan													
Cash Capital	200,000	50,000	150,000	0	0	0	0	0	0	0	0	0	150,000
Financing Plan Total	**200,000**	**50,000**	**150,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**150,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous 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. The funds in FY 2022 will support the replacement of the legacy software with a new system.

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
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 7: Thriving Children & Youth	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**257,438**	**225,438**	**32,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**32,000**
Financing Plan													
Cash Capital	217,438	185,438	32,000	0	0	0	0	0	0	0	0	0	32,000
GO Bonds	40,000	40,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**257,438**	**225,438**	**32,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**32,000**

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $32,000 added to FY 2022 to replace end of life equipment.

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. 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 become a priority in the Library's current Five-Year Plan. Through the use of the Urban Library Council's Edge Initiative, the City 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. 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	ADDITIONAL OPERATING IMPACTS
Alexandria Library Five-Year Plan	No additional operating impacts identified at this time.

LIBRARY PUBLIC ACCESS COMPUTERS AND PRINT MGMT SYSTEM

DOCUMENT SUBSECTION:	Other System Development Projects	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Libraries	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 7: Thriving Children & Youth	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**130,000**	**45,000**	**0**	**85,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**85,000**
Financing Plan													
Cash Capital	130,000	45,000	0	85,000	0	0	0	0	0	0	0	0	85,000
Financing Plan Total	**130,000**	**45,000**	**0**	**85,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**85,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 will be used in the latter part of FY 2023 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
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 7: Thriving Children & Youth	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**60,400**	**60,400**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	60,400	60,400	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**60,400**	**60,400**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	87,500	0	0	8,600	8,900	9,100	9,400	9,700	10,000	10,300	10,600	10,900	87,500

CHANGES FROM PRIOR YEAR CIP

No changes from previous 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. Approved prior year funding is currently being used to procure micrographic equipment and associated equipment, as well as the Digital Asset Management System (DAMS). The scope of work that's in progress includes the installation, configuration, training, and implementation of the new system. Staff anticipates that once this system is fully implemented and in production that it will be utilized by customers when doing historical and genealogical research.

The Library's existing equipment is nearly 20 years old and was becoming increasingly difficult to maintain. In addition, the equipment cannot connect with the Library's print management system, making printing less efficient, as well as making paying for printouts cumbersome. The planetary scanner was also nearly 20 years old and it is used by researchers to photocopy historical books, documents, and maps which are housed in Local History.

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.

LIBRARY SELF-SERVICE STATIONS/EQUIPMENT

DOCUMENT SUBSECTION:	Other System Development Projects	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Libraries	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 7: Thriving Children & Youth	ESTIMATE USEFUL LIFE:	0 - 5 Years

Library Self-Service Stations/Equipment

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**310,296**	**158,296**	**0**	**0**	**0**	**152,000**	**0**	**0**	**0**	**0**	**0**	**0**	**152,000**
Financing Plan													
Cash Capital	310,296	158,296	0	0	0	152,000	0	0	0	0	0	0	152,000
Financing Plan Total	**310,296**	**158,296**	**0**	**0**	**0**	**152,000**	**0**	**0**	**0**	**0**	**0**	**0**	**152,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

PROJECT DESCRIPTION & JUSTIFICATION

The Alexandria Library's self-service equipment (offering options for actions such as borrowing and renewing materials and paying fines and fees) began to be upgraded in FY 2018. The equipment was replaced at the Beatley Central Library with new improved self-service equipment that includes the Payment Card Industry Data Security Standard (PCI) for credit card payments, RFID integration, and higher accuracy.

This system allows staff to have more flexibility freeing them from clerical duties, allowing them to focus on additional responsibilities such as program planning, passport processing and outreach services. Neighboring library systems, including Arlington, Prince George's, and Baltimore Counties, also report that 80% to 90% of all circulation transactions (checkout, renewals, fine payments) take place using self-service equipment, allowing Library staff to focus on other tasks.

This software/equipment was installed in every branch of the Library and began service in FY 2020. There will be a need for a replacement or refresh of the system in the coming years. The hardware and software that is in place will be reaching end-of-life in five years and the equipment will need to be replaced with updated hardware and software to maintain reliability. Funds in FY 2025 are to replace the current system. The project aligns with the Library's Five-Year Plan, 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.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

Alexandria Library Five-Year Plan

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

MIGRATION OF INTEGRATED LIBRARY SYSTEM TO SAAS PLATFORM

DOCUMENT SUBSECTION:	Other System Development Projects	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Libraries	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 7: Thriving Children & Youth	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**42,000**	**42,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	42,000	42,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**42,000**	**42,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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.

This project has been completed, and it has been in production for several years. The Library Integrated Management System is currently in a sustain and maintain status, but it may need to be replaced in the next 2-3 years. The ILS is the heart of most of what the library does and encompasses both the circulation system and the catalog. The Library staff plan to proactively start researching the market in anticipation of doing a replacement or upgrade of the current system.

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
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,100,000**	**100,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,000,000**	**0**	**0**	**1,000,000**
Financing Plan													
Cash Capital	1,100,000	100,000	0	0	0	0	0	0	0	1,000,000	0	0	1,000,000
Financing Plan Total	**1,100,000**	**100,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,000,000**	**0**	**0**	**1,000,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous 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
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**150,000**	**0**	**0**	**0**	**150,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**150,000**
Financing Plan													
Cash Capital	150,000	0	0	0	150,000	0	0	0	0	0	0	0	150,000
Financing Plan Total	**150,000**	**0**	**0**	**0**	**150,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**150,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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 8 years. 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.

Funding in FY 2024 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 OHA 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, 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
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**105,000**	**100,000**	**5,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5,000**
Financing Plan													
Cash Capital	105,000	100,000	5,000	0	0	0	0	0	0	0	0	0	5,000
Financing Plan Total	**105,000**	**100,000**	**5,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to FY 2022 ($5,000) to upgrade and migrate the City's current Records Management System.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Code Administration	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 6: Strong Economy	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**5,017,167**	**5,017,167**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Code Fund Balance	5,017,167	5,017,167	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**5,017,167**	**5,017,167**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Subsequent to the presentation of the City Manager's Proposed FY 2022 – FY 2031 CIP, staff determined that adequate project funding from prior appropriations is available to complete needed work for this project. Funding for Fiscal Years 2022 through 2031 were removed.

PROJECT DESCRIPTION & JUSTIFICATION

This project funds the system used for the administration of the City's land development process and is used by multiple agencies including Code Administration, Transportation & Environmental Services, Planning & Zoning, Fire, Office of Historic Alexandria, Finance, and the Health Department. The City recently implemented a new land management system, APEX. APEX replaced the 20-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, and the residential rental inspections program. 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 FY 2021 and FY 2022 APEX application software will be upgraded to incorporate desired functionality improvements and 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.

RECREATION DATABASE SYSTEM

DOCUMENT SUBSECTION:	Other System Development Projects	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Recreation, Parks, and Cultural Activities	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 5: Flourishing Arts, Culture & Recreation	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**595,000**	**250,000**	**200,000**	**10,000**	**10,000**	**10,000**	**65,000**	**10,000**	**10,000**	**10,000**	**10,000**	**10,000**	**345,000**
Financing Plan													
Cash Capital	595,000	250,000	200,000	10,000	10,000	10,000	65,000	10,000	10,000	10,000	10,000	10,000	345,000
Financing Plan Total	**595,000**	**250,000**	**200,000**	**10,000**	**10,000**	**10,000**	**65,000**	**10,000**	**10,000**	**10,000**	**10,000**	**10,000**	**345,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding originally reduced in FY 2021 due to the COVID-19 public health emergency was restored to FY 2026, in the amount of $55,000. Funding added to project for FY 2031.

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. The City is also evaluating the potential of utilizing the vendor's private cloud to host the recreation system as a "Software as a Service" solution, which would occur concurrent with the upgrade activities.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Information Technology Services	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,250,000**	**0**	**0**	**0**	**0**	**0**	**0**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**	**1,250,000**
Financing Plan													
Cash Capital	1,250,000	0	0	0	0	0	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Financing Plan Total	**1,250,000**	**0**	**0**	**0**	**0**	**0**	**0**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**	**1,250,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Emergency and Customer Communications	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**1,725,000**	**1,725,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financing Plan													
Cash Capital	1,525,000	1,525,000	0	0	0	0	0	0	0	0	0	0	0
GO Bond Interest Earnings	125,000	125,000	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	75,000	75,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**1,725,000**	**1,725,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous CIP.

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, the Office of Communications and Public Information, and the departments with the highest volume of customer requests). The Alex311 team will be 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 will be available to help staff provide 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**2,588,196**	**1,678,196**	**160,000**	**50,000**	**250,000**	**50,000**	**50,000**	**50,000**	**50,000**	**0**	**0**	**250,000**	**910,000**
Financing Plan													
Cash Capital	2,363,196	1,453,196	160,000	50,000	250,000	50,000	50,000	50,000	50,000	0	0	250,000	910,000
GO Bonds	125,000	125,000	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**2,588,196**	**1,678,196**	**160,000**	**50,000**	**250,000**	**50,000**	**50,000**	**50,000**	**50,000**	**0**	**0**	**250,000**	**910,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

PROJECT DESCRIPTION & JUSTIFICATION

The E-Government project includes enhancements to, and applications for, the City of Alexandria's public website, www.alexandriava.gov, related sites and various technology innovation initiatives in the City 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 and the identification and implementation of new on-line services to further expand the public's and City employees' digital experience. This work will result in 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 will be completed in FY 2022, and staff resources will then be directed to begin the replacement of the City's intranet (AlexNet).

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
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**18,877,013**	**10,106,013**	**3,401,000**	**1,829,000**	**259,000**	**259,000**	**268,000**	**258,000**	**258,000**	**257,000**	**257,000**	**1,725,000**	**8,771,000**
Financing Plan													
Cash Capital	12,081,515	6,310,515	401,000	1,829,000	259,000	259,000	268,000	258,000	258,000	257,000	257,000	1,725,000	5,771,000
GO Bonds	309,002	309,002	0	0	0	0	0	0	0	0	0	0	0
Reprogrammed Capital Balances	3,486,496	3,486,496	0	0	0	0	0	0	0	0	0	0	0
Use of CIP Designated Fund Balance	3,000,000	0	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
Financing Plan Total	**18,877,013**	**10,106,013**	**3,401,000**	**1,829,000**	**259,000**	**259,000**	**268,000**	**258,000**	**258,000**	**257,000**	**257,000**	**1,725,000**	**8,771,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding in the amount of $41,000 added to FY 2022 to update the jury management system. Funding added to project for FY 2031 for staffing costs.

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 is currently developing a Request for Proposals (RFP) that will be issued in summer 2021 for the required systems. 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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Emergency Communications	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**24,672,500**	**16,675,500**	**104,000**	**108,000**	**114,000**	**6,819,000**	**125,000**	**132,000**	**138,000**	**145,000**	**152,000**	**160,000**	**7,997,000**
Financing Plan													
Cash Capital	8,173,400	6,016,500	104,000	108,000	114,000	978,900	125,000	132,000	138,000	145,000	152,000	160,000	2,156,900
GO Bonds	16,184,100	10,344,000	0	0	0	5,840,100	0	0	0	0	0	0	5,840,100
Prior Year CIP/Close-Out	315,000	315,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan Total	**24,672,500**	**16,675,500**	**104,000**	**108,000**	**114,000**	**6,819,000**	**125,000**	**132,000**	**138,000**	**145,000**	**152,000**	**160,000**	**7,997,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added for the project's existing IT Support Engineer position, which was previously funded via available project balanced. Ongoing funded added for the position for FY 2022 – 2031.

PROJECT DESCRIPTION & JUSTIFICATION

This project funds ongoing improvements to the City's state-of-the-art Computer Aided Dispatch (CAD) system that meets the consolidated requirements of the Department of Emergency Communications, Alexandria Police, Alexandria Fire, and Alexandria Sheriff's Office. 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 application and replace end-of-life equipment which supports the essential functions of the CAD and mapping server. The upgraded application will provide enhancements needed for bi-directional responses, testing and implementation. Additionally, a third-party expert is conducting an in-depth CAD assessment to include a strategic plan for all future technology enhancements along with options and recommendations. The assessment will also include potential opportunities with neighboring jurisdictions which may provide cost-savings and/or increased resiliency. The City will also strive to remain compliant with any required upgrades to ensure the application remains viable.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

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 22314
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Old Town
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**852,809**	**427,809**	**0**	**100,000**	**0**	**0**	**100,000**	**100,000**	**25,000**	**0**	**0**	**100,000**	**425,000**
Financing Plan													
Cash Capital	852,809	427,809	0	100,000	0	0	100,000	100,000	25,000	0	0	100,000	425,000
Financing Plan Total	**852,809**	**427,809**	**0**	**100,000**	**0**	**0**	**100,000**	**100,000**	**25,000**	**0**	**0**	**100,000**	**425,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding added to project for FY 2031.

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. Due to the pandemic, the project was slightly delayed and the scope expanded. However, the scope expansion did not affect the original allocated budget. Circuit Court Courtroom 4 will be upgraded next.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

ELECTRONIC CITATION IMPLEMENTATION

DOCUMENT SUBSECTION:	Public Safety Systems	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Information Technology Services Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**840,000**	**0**	**420,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**420,000**	**840,000**
Financing Plan													
Cash Capital	840,000	0	420,000	0	0	0	0	0	0	0	0	420,000	840,000
Financing Plan Total	**840,000**	**0**	**420,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**420,000**	**840,000**

CHANGES FROM PRIOR YEAR CIP

Due to FY 2021 funding reductions in response to the COVID-19 public health emergency, funding for this project was reduced by $420,000. This funding has been restored to the project in FY 2022. Funding added to project for FY 2031 in anticipation of an eventual system replacement.

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.

FY 2022 funding will allow for the implementation of electronic citations 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.

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	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Alexandria Fire Department	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	ESTIMATE USEFUL LIFE:	11 - 15 Years

Fire Dept RMS

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**357,500**	**50,000**	**307,500**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**307,500**
Financing Plan													
Cash Capital	357,500	50,000	307,500	0	0	0	0	0	0	0	0	0	307,500
Financing Plan Total	**357,500**	**50,000**	**307,500**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**307,500**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

No changes from previous 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 Windows 10. Therefore, the Fire Department needs to evaluate and 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 to replace the Fire RMS with a comprehensive system, will be postponed until FY 2023. Refined costs for out years funding will also be identified.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

No additional operating impacts identified at this time.

PARKING CITATION SYSTEM REPLACEMENT

DOCUMENT SUBSECTION:	Public Safety Systems	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Finance	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 3: Well-Managed Government	ESTIMATE USEFUL LIFE:	6 - 10 Years/ (Hardware is less)

Parking Citation System Replacement

	A (B + M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**545,000**	**275,000**	**135,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**135,000**	**270,000**
Financing Plan													
Cash Capital	545,000	275,000	135,000	0	0	0	0	0	0	0	0	135,000	270,000
Financing Plan Total	**545,000**	**275,000**	**135,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**135,000**	**270,000**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Upon further evaluation, funding deferred to FY 2022 due to the COVID-19 public health emergency ($395,000) was removed from the project. Funding added to project for FY 2031.

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 3rd 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. Now that the new system is in production and actively being used by City staff it is being reviewed for any required post-production enhancements. Funding in FY 2022 will assist with the post-production enhancements and the first year of maintenance.

EXTERNAL OR INTERNAL ADOPTED PLAN OR RECOMMENDATION

N/A

ADDITIONAL OPERATING IMPACTS

Out year funding for annual maintenance agreement will be required.

RADIO SYSTEM UPGRADE

DOCUMENT SUBSECTION:	Public Safety Systems	PROJECT LOCATION:	Citywide
MANAGING DEPARTMENT:	Department of Emergency Communications	REPORTING AREA:	Citywide
		PROJECT CATEGORY:	IT Plan
PRIMARY STRATEGIC THEME:	Theme 4: Safe & Resilient Community	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	Through 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2022 - FY 2031
Expenditure Budget	**14,111,060**	**2,240,960**	**950,500**	**4,657,600**	**1,520,000**	**2,742,000**	**0**	**0**	**0**	**2,000,000**	**0**	**0**	**11,870,100**
Financing Plan													
Cash Capital	14,111,060	2,240,960	950,500	4,657,600	1,520,000	2,742,000	0	0	0	2,000,000	0	0	11,870,100
Financing Plan Total	**14,111,060**	**2,240,960**	**950,500**	**4,657,600**	**1,520,000**	**2,742,000**	**0**	**0**	**0**	**2,000,000**	**0**	**0**	**11,870,100**
Operating Impact	0	0	0	0	0	0	0	0	0	0	0	0	0

CHANGES FROM PRIOR YEAR CIP

Funding plan updated to reflect current project schedule and timing.

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. Plans for FY 2022 include radio system infrastructure upgrades, including antennas and site HVAC equipment, and an upgrade of the radio network backhaul. 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. These funds will allow for a replacement of the radios and associated infrastructure to keep the system current and viable. A review of alternative communication technology for non-public safety radio users will also be conducted, as alternative technology may prove to be an effective lower cost solution.

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,[1]
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.

[1]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 2965: SETTING GUIDANCE FOR THE FY 2022 BUDGET

RESOLUTION NO. 2965

Setting Guidance for FY 2022 General Fund Operating Budget and Capital Improvement Program for FY 2022 to FY 2031

WHEREAS, the City Council of Alexandria passed 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 2022 budget; and

WHEREAS, the City will seek input into the development of the FY 2022 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"); and

WHEREAS, those services directly supporting the achievement of the City's strategic goals are considered for funding support; 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 2965: SETTING GUIDANCE FOR THE FY 2022 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 a proposed (1) operating budget and 10-year Capital Improvement Program (CIP) that seeks to balance the need to continue priority services 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 or other tax rates are not increased, and a second that identifies the amount of revenue and real estate tax or other tax rate increases that would be required to fund a 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 2022 and the subsequent Fiscal Year 2023.

(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 tax rates are maintained at the current level and one which identifies that amount of tax rate increases required to fund a budget with no service reductions.

CITY OF ALEXANDRIA, VIRGINIA

Legislative References

RESOLUTION 2965: SETTING GUIDANCE FOR THE FY 2022 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 2022 through 2031 CIP shall incorporate the following:

1. Compliance with the City's adopted Debt Related Financial Policy Guidelines for any debt issuance planned for FY 2022 through FY 2031;
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 2022 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 2021, if any, as commitment for capital projects in FY 2022 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 for transfer to the Alexandria City Public Schools operating funding within a range of amounts, with the low end of the range being an appropriation equal to the amount approved by City Council for FY 2021 and the high end of the range being the low end amount plus the overall General Fund FY 2022 revenue rate of growth plus the cost of FY 2022 increased enrollment, (2) the Alexandria City Public Schools is requested by City Council to articulate in general categories and prioritize any City FY 2021 appropriation requests above the low end of the range, (3) the City Manager shall develop options for potential funding of proposed public school capital needs for the FY 2022 through FY 2031 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 2022 proposed budget and include such amount as an separate element of the total recommended FY 2022 budget for the ACPS.

CITY OF ALEXANDRIA, VIRGINIA

Legislative References

RESOLUTION 2965: SETTING GUIDANCE FOR THE FY 2022 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.

Adopted: November 10, 2020

JUSTIN WILSON MAYOR

ATTEST:

Gloria A. Sitton, CMC City Clerk

CITY OF ALEXANDRIA, VIRGINIA

Legislative References

RESOLUTION 2966: ESTABLISHING THE PROCESS TO BE USED FOR FY 2022 BUDGET ADOPTION

RESOLUTION NO. 2966

Budget Resolution Establishing the Process to be Used to Adopt the FY 2022 Operating Budget and the FY 2022 to FY 2031 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 and 2915 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 2966: ESTABLISHING THE PROCESS TO BE USED FOR FY 2022 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 17, 2020 and an Operating Budget no later than February 18, 2021 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 2966: ESTABLISHING THE PROCESS TO BE USED FOR FY 2022 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 digital or public meeting outside of City Hall 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 2966: ESTABLISHING THE PROCESS TO BE USED FOR FY 2022 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 2022 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.

CITY OF ALEXANDRIA, VIRGINIA

Legislative References

RESOLUTION 2966: ESTABLISHING THE PROCESS TO BE USED FOR FY 2022 BUDGET ADOPTION

2. Additional information related to how the change impacts the performance of that program, service or goal.

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 2022, March 29]

(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 2021, April 15].

(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 2021, April 17]

(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 2nd Legislative Meeting in April [for FY 2021, April 27].

(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 2022, April 28].

(vii) Completed Council Budget Proposals, with funding, will be circulated to Council and the public the Friday prior to budget adoption [for FY 2022, April 30].

(viii) City Council will be required to keep the budget in balance once all decisions are made.

CITY OF ALEXANDRIA, VIRGINIA

Legislative References

RESOLUTION 2966: ESTABLISHING THE PROCESS TO BE USED FOR FY 2022 BUDGET ADOPTION

(ix) Budget Adoption will occur on May 5, 2020 with all City Council Budget Proposals, those approved and those not approved, made public upon adoption of the budget.

Section (g) Expiration – The provisions of this resolution shall expire on June 30, 2021.

Adopted: November 10, 2020

JUSTIN M. WILSON MAYOR

ATTEST:

Gloria A. Sitton, 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 unequitable 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 5273: EMERGENCY PROCEDURES TO ENSURE CONTINUITY OF CITY GOVERNMENT

ORDINANCE NO. 5273

AN EMERGENCY ORDINANCE IMPLEMENTING EMERGENCY PROCEDURES TO ENSURE CONTINUITY OF CITY GOVERNMENT AND, IN PARTICULAR, TO MODIFY PUBLIC MEETING PROCEDURES AND OTHER PUBLIC PRACTICES AND PROCEDURES 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, 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 the by the City Council on March 14, 2020, pursuant to City Resolution No.2928 , as required by applicable law; 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 .2l (C) further provides that a local director of emergency

CITY OF ALEXANDRIA, VIRGINIA

Legislative References

ORDINANCE 5273: EMERGENCY PROCEDURES TO ENSURE CONTINUITY OF CITY GOVERNMENT

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 Governor and Health Commissioner of the Commonwealth of Virginia and the President of the United States have recommended suspension of public gatherings of more than ten attendees; 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 emergency 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:

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 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 l aw, 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

b. 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

c. Any such electronic meeting of Public Entities shall state on its agenda and at the beginning of

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ORDINANCE 5273: EMERGENCY PROCEDURES TO ENSURE CONTINUITY OF CITY GOVERNMENT

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 notice of the opportunities for the public to access and participate in such electronic meeting ; and

d. 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

e. 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

f. 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 the provisions of this Emergency Ordinance shall remain in full force and effect for the duration of the Emergency Period, unless amended, rescinded or readopted by the City Council but in no event shall such ordinance be effective for more than six months. Upon rescission by the City Council or automatic expiration as described herein, this emergency ordinance shall terminate and normal practices and procedures of government shall resume.

Nothing in this Emergency 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 .

An emergency is deemed to exist, and this ordinance shall be effective upon its adoption.

CITY OF ALEXANDRIA, VIRGINIA

Legislative References

ORDINANCE 5273: EMERGENCY PROCEDURES TO ENSURE CONTINUITY OF CITY GOVERNMENT

JUSTIN M. WILSON
Mayor

ATTEST :

Gloria A. Sitton, CMC City Clerk

Final Passage: March 24, 2020

CITY OF ALEXANDRIA, VIRGINIA

Legislative References

ORDINANCE 5276: AN ORDINANCE TO ENSURE THE CONTINUITY OF THE CITY GOVERNMENT

ORDINANCE NO. 5276

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, 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 the by the City Council on March 14, 2020, pursuant to City Resolution No.2928, as required by applicable law; 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

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Legislative References

ORDINANCE 5276: AN ORDINANCE TO ENSURE THE CONTINUITY OF THE CITY GOVERNMENT

(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 Governor and Health Commissioner of the Commonwealth of Virginia and the President of the United States have recommended suspension of public gatherings of more than ten attendees; 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:

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

CITY OF ALEXANDRIA, VIRGINIA

Legislative References

ORDINANCE 5276: AN ORDINANCE TO ENSURE THE CONTINUITY OF THE CITY GOVERNMENT

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 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 5276: 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: (I) 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 the duration of the Emergency Period, unless amended, rescinded or readopted by the City Council but in no event shall such ordinance be effective for more than six months from the date of adoption. 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, CMC City Clerk

Final Passage: April 18, 2020

CITY OF ALEXANDRIA, VIRGINIA

Legislative References

REDUCTION IN FORCE (RIF) ADMINISTRATIVE REGULATION 6-22

Supersedes:	Title:	Number: 6-22
A.R. 6-22 dated January 18, 2012	Reduction in Force	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).

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 polices 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	
Assessed Value of Real property, January 1, 2019	$40,977,242,214
Debt Limit: 10 Percent of Assessed Value	$4,097,724,221
Amount of Debt Applicable to Debt Limit:	
General Obligation Bonds	$589,957,000
Less Total General Obligation Debt	($589,957,000)
LEGAL DEBT MARGIN REMAINING	$3,507,767,221

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

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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.

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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 Deputy City Manager, Director of Finance and 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).

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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.

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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:

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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.

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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.

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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.

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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

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); or
- Retitled to better reflect the project's scope.

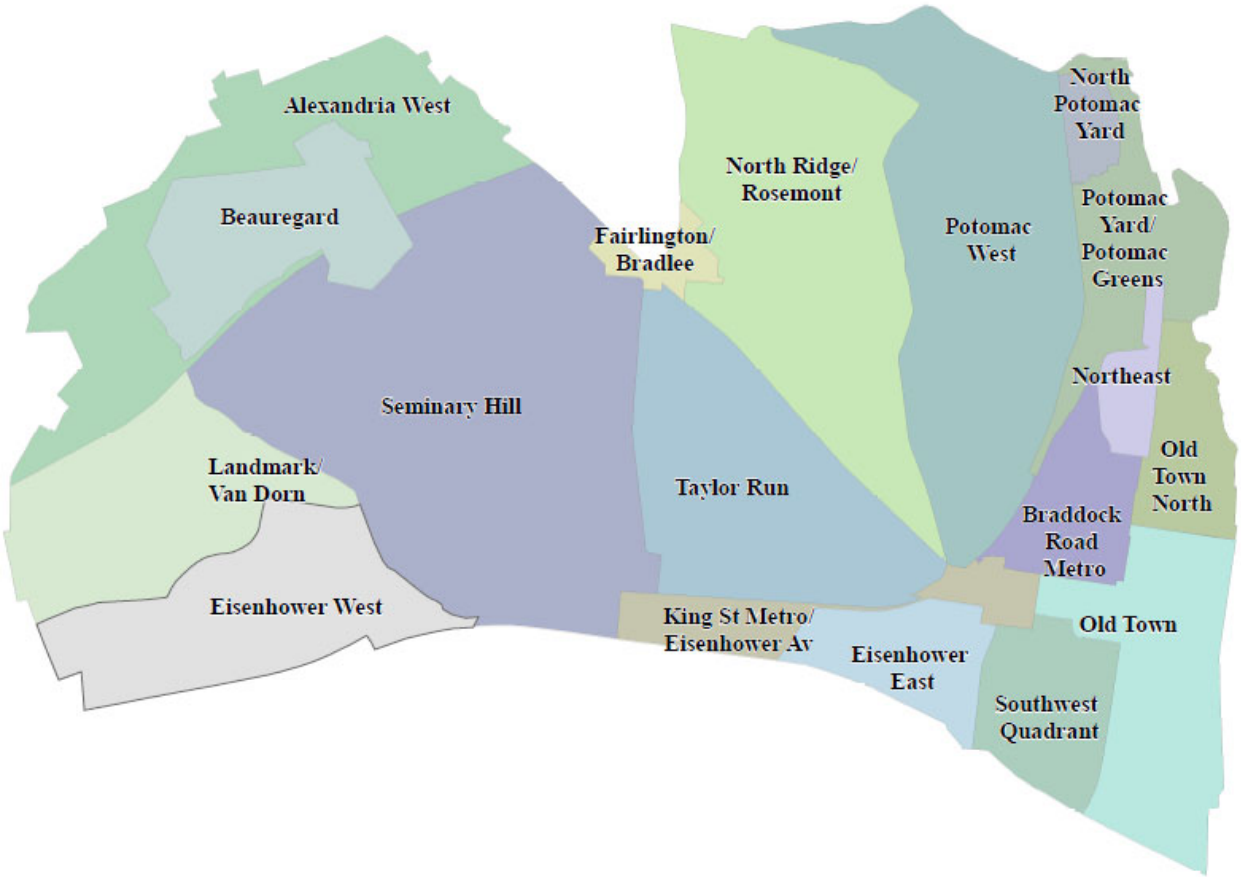
CIP Section	Change Type	Project	Notes
Community Development	New	Project Budgeting Excellence	
	New	Office of Historic Alexandria Waterfront Museum Feasibility Study	
	New	Landmark Mall Redevelopment Project	
Recreation and Parks	Retitled	Old Town Pool Project	Previous title was Old Town Pool Renovations. Changed to more accurately reflect project work.
	Retitled	Torpedo Art Center Revitalization Project	Previous title was Torpedo Factory Space Programming & Improvements. Changed to more accurately describe the intent of the work.
Public Buildings	New	Tactical Training Space	
	New	Freedom House Museum Restoration	Project previously included in the City Historic Facilities CFMP CIP project. The Freedom House renovations have been separated out into a stand alone project.
	Reinstated	Gadsby's Tavern Restaurant Equipment	Project has been in previous CIPs with funding, but inactive for same time. Since project timing and funding is now known, it is added back into the CIP with a project page.
Transportation	New	DASH Scheduling Software	Added in Smart Mobility Transportation subsection.
	New	King Street-Bradlee Roadway Improvements	Added in Non-Motorized Transportation subsection.
	New	Transit Staffing Contingency	
	New	Transit Strategic Plan in Alexandria	
	Removed	Backlick Run Multi-Use Paths	This project is in the process of being cancelled, and grant funding for the project is being evaluated for transfer to another project. The Backlick Run Multi-Use Paths project page has been deleted from the Proposed CIP, however grant funding amounts still appear in the 10 year funding plan as a CMAQ Contingency. Staff will revisit this issue with City Council and provide a recommendation for the reallocation of grant dollars.
	Renamed	Beauregard Street Multi-Use Trail	Previous titles were "Van Dorn/Beauregard Bicycle Facilities" and "Van Dorn Street – Beauregard Street Multi-Use Trail".
	Removed	Alexandria Mobility Plan	Project has reached or is near substantial completion and will be presnted to City Council by FY 2022. No additional funding requests are anticipated for this project.
	Removed	Cameron & Prince Bicycle & Pedestrian Facilities	Project has reached or is near substantial completion. No additional funding requests are anticipated for this project.
	Removed	Van Dorn Metro Multimodal Bridge (w/Eisenhower West)	This project has been eliminated from the CIP and is not being pursued at this time.
Stormwater Management	New	Small-Midsize Stormwater Maintenance Projects	This new project was a part of the recommendations of the Interdepartmental Flood Mitigation Task Force, presented to City Council in January 2021.
	New	Inspection and Cleaning (State of Good Repair) CFMP	This new project was a part of the recommendations of the Interdepartmental Flood Mitigation Task Force, presented to City Council in January 2021.
	New	Floodproofing Grant Program	This new project was a part of the recommendations of the Interdepartmental Flood Mitigation Task Force, presented to City Council in January 2021.
	New	Hooffs Run Culvert	This new project was a part of the recommendations of the Interdepartmental Flood Mitigation Task Force, presented to City Council in January 2021.
IT Plan	New	DCHS Integrated Client Information System	
	Reinstated	Library Information Technology Equipment Replacement	Project has been in previous CIPs with funding, but inactive for same time. Since new project need has been identified, it is added back into the CIP with a project page.
	Reinstated	Electronic Citation Implementation	This project (and its funding) was removed in Approved FY 2021 - 2030 CIP in response to the COVID-19 public health emergency, but has been restored with new funding.
	Retitled	Computer Maintenance Management System	Previous title was General Services Facilities Management System. Changed to industry term for what the project is developing.

* A reinstated project is one previously removed from an Approved City CIP, but is now being reinstated due to anticipated future work needs and funding availability.

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	Transportation	King & Beauregard Intersection Improvements
Beauregard	Public Buildings	DCHS Consolidation and Co-Location
Beauregard	Stormwater Management	Lucky Run Stream Restoration
Beauregard	Transportation	BRAC & Central City Neighborhood Protection Plan
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	Recreation & Parks	Braddock Area Plan Park
Braddock Road Metro	Recreation & Parks	Old Town Pool
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 (28.00 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 Street Lighting
Citywide	Community Development	Development Studies
Citywide	Community Development	Environmental Restoration
Citywide	Community Development	Fire Department Vehicles & Apparatus
Citywide	Community Development	Fire Hydrant Maintenance Program
Citywide	Community Development	Office of Historic Alexandria Initiatives
Citywide	Community Development	Office of Historic Alexandria Waterfront Museum Feasibility Study
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	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	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	Employee Pension Administration System
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	Fleet Management System
Citywide	IT Plan	FOIA System Replacement
Citywide	IT Plan	GIS Development

Reporting Area	CIP Section	Project Title
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 Historic Facilities CFMP
Citywide	Public Buildings	Courthouse/PSC Security System Upgrade
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	Mental Health Residential Facilities CFMP
Citywide	Public Buildings	Parking Garages CFMP
Citywide	Public Buildings	Preventative Maintenance Systems and Staffing Study
Citywide	Public Buildings	Roof Replacement Program
Citywide	Public Buildings	Tactical Training Space
Citywide	Recreation & Parks	Americans with Disabilities Act (ADA) Requirements
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	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
Citywide	Recreation & Parks	Playground Renovations CFMP
Citywide	Recreation & Parks	Proactive Maintenance of the Urban Forest

Reporting Area	CIP Section	Project Title
Citywide	Recreation & Parks	Public Pools
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	Capital Support of CSO Mitigation Projects
Citywide	Sanitary Sewers	Citywide Sewershed Infiltration & Inflow
Citywide	Sanitary Sewers	Reconstructions & Extensions of Sanitary Sewers
Citywide	Sanitary Sewers	Sanitary Sewer Asset Renewal Program
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 Assessment
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	Bicycle Parking at Transit
Citywide	Transportation	Bridge Repairs
Citywide	Transportation	Capital Bikeshare
Citywide	Transportation	City Standard Construction Specifications
Citywide	Transportation	Citywide Parking - Parking Study
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	Complete Streets
Citywide	Transportation	DASH Bus Fleet Replacements
Citywide	Transportation	DASH Electronic Fare Payment
Citywide	Transportation	DASH Facility and Fleet Expansion
Citywide	Transportation	DASH Hybrid Bus and Trolley Powertrain Replacement
Citywide	Transportation	DASH Scheduling Software
Citywide	Transportation	DASH Technologies
Citywide	Transportation	Fixed Transportation Equipment
Citywide	Transportation	Holmes Run Trail Connector
Citywide	Transportation	Sidewalk Capital Maintenance
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	Transitway Enhancements
Citywide	Transportation	CMAQ Contingency from Cancelled Backlick Run Multi-Use Paths
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
Eisenhower East	Transportation	Eisenhower Metrorail Station Improvements
Eisenhower East	Transportation	Old Cameron Run Trail
Eisenhower West	Public Buildings	Pistol Range
Eisenhower West	Transportation	Citywide Trans. Mgmt. Tech. - Broadband Communications Link

Reporting Area	CIP Section	Project Title
Eisenhower West	Transportation	Van Dorn Metrorail Station Area Improvements
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	Landmark Mall Redevelopment Project
Landmark/Van Dorn	Public Buildings	Beatley Building Envelope Restoration
Landmark/Van Dorn	Public Buildings	Fire Station 208 Replacement
Landmark/Van Dorn	Stormwater Management	Cameron Station Pond Retrofit
Landmark/Van Dorn	Transportation	Access Improvements at Landmark
Landmark/Van Dorn/Seminary Hill/Beauregard	Transportation	Beauregard Street Multi-Use Trail
Landmark/Van Dorn/Seminary Hill/Taylor Run/Eisenhower East	Sanitary Sewers	Holmes Run Trunk Sewer
Norrth Ridge/Rosemont	Public Buildings	Fire Station 203 (Cameron Mills)
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	Windmill Hill Park Improvements
Old Town North	Sanitary Sewers	Combined Sewer Assessment & Rehabilitation
Old Town North	Transportation	Mt. Vernon Trail @ East Abingdon
Potomac West	Recreation & Parks	Four Mile Run Park
Potomac West	Recreation & Parks	Four Mile Run Park Wetlands Connector Bridge
Potomac West	Stormwater Management	Four Mile Run Channel Maintenance
Potomac West	Transportation	Four Mile Run Bridge Program
Potomac West	Transportation	Mt. Vernon Avenue North Complete Streets
Potomac Yard/Potomac Greens	Recreation & Parks	Potomac Yard Park Basketball Court Lights
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 Community College (NVCC)
Regional	Other Regional Contributions	Northern Virginia Regional Park Authority (NVRPA)
Regional	Transportation	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	Vola Lawson Animal Shelter
Seminary Hill/Strawberry Hill	Public Buildings	Witter/Wheeler - Fuel Island Renovation
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
Seminary Hill/Strawberry Hill	Stormwater Management	Strawberry Run Stream Restoration
Seminary Hill/Strawberry Hill	Transportation	Seminary / Howard Safety Improvements
Southwest Quadrant	Public Buildings	Lee Center CFMP
Southwest Quadrant	Public Buildings	New Burn Building
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	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	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

Reporting Area	CIP Section	Project Title
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

Appendix C: FY 2022 – 2031 Capital Projects Requested vs. Proposed vs. Approved

The following pages provide a summary all capital projects reviewed during the FY 2022 – FY 2031 Capital Improvement Program (CIP) development process, the amount included for each project as requested by departments, the amount funded in City Manager's Proposed FY 2022 – FY 2031 CIP, and the amount included in the City Council Approved FY 2022 – FY 2031 CIP.

CIP Section	CIP Subsection	Project Title	FY 22-31 Requested	FY 22-21 Proposed	Delta (Proposed MINUS Requested)	FY 22-31 Approved	Delta (Approved MINUS Proposed)
ACPS	ACPS	ACPS Capital Program	551,483,000	551,483,000	-	551,483,000	-
CIP Development & Implementation Staff	City Manager's Office	Public Private Partnerships Coordinator (0.50 FTE)	1,388,000	1,111,000	(277,000)	1,111,000	-
CIP Development & Implementation Staff	Deparment of General Services	General Services Capital Projects Staff (7.80)	14,154,000	13,307,000	(847,000)	13,307,000	-
CIP Development & Implementation Staff	Department of Finance	Capital Procurement Personnel (8.10 FTE)	12,830,000	11,448,000	(1,382,000)	11,448,000	-
CIP Development & Implementation Staff	Department of Planning & Zoning	Capital Project Development Team (2.00 FTE)	2,781,000	2,600,000	(181,000)	2,600,000	-
CIP Development & Implementation Staff	Department of Project Implementation	Capital Project Implementation Non-Personnel Expenditures	2,359,800	2,359,800	-	2,359,800	-
CIP Development & Implementation Staff	Department of Project Implementation	Capital Project Implementation Personnel (29.00 FTE)	50,324,000	50,345,000	21,000	52,816,000	2,471,000
CIP Development & Implementation Staff	Department of Recreation, Parks, and Cultural Activities	Open Space Management Staff (2.00 FTE)	3,380,000	3,153,000	(227,000)	3,153,000	-
CIP Development & Implementation Staff	Information Technology Services	IT Systems Implementation Staff (2.50 FTE)	6,532,000	3,897,000	(2,635,000)	3,897,000	-
CIP Development & Implementation Staff	Office of Management & Budget	Capital Budget Staff (1.50 FTE)	2,400,000	2,515,000	115,000	2,515,000	-
Community Development	Affordable Housing	Affordable Housing Funding	67,978,000	67,978,000	-	68,978,000	1,000,000
Community Development	City-Wide Amenities	Gadsby Lighting Fixtures & Poles Replacement	2,365,200	2,365,200	-	2,365,200	-
Community Development	City-Wide Amenities	Landmark Mall Redevelopment Project	-	130,000,000	130,000,000	130,000,000	-
Community Development	City-Wide Amenities	Office of Historic Alexandria Initiatives	1,240,100	1,240,100	-	1,240,100	-
Community Development	City-Wide Amenities	Office of Historic Alexandria Waterfront Museum Feasibility Study	-	125,000	125,000	125,000	-
Community Development	City-Wide Amenities	Public Art Acquisition	2,650,000	2,650,000	-	2,650,000	-
Community Development	City-Wide Amenities	Public Art Conservation Program	591,000	591,000	-	591,000	-
Community Development	City-Wide Amenities	Transportation Signage & Wayfinding System	141,000	141,000	-	141,000	-
Community Development	Neighborhood Planning	Braddock Road Area Plan - Streetscape Improvements	450,000	450,000	-	450,000	-
Community Development	Neighborhood Planning	Development Studies	2,530,000	2,530,000	-	2,530,000	-
Community Development	Neighborhood Planning	Project Budgeting Excellence	6,060,700	6,060,700	-	6,060,700	-
Community Development	Neighborhood Planning	Waterfront Small Area Plan Implementation (w/ Construction Funding)	102,000,000	102,000,000	-	102,000,000	-
Community Development	Public Safety Enhancements	Citywide Street Lighting	310,800	690,800	380,000	690,800	-
Community Development	Public Safety Enhancements	Fire Department Vehicles & Apparatus	23,722,100	25,999,900	2,277,800	25,999,900	-
Community Development	Public Safety Enhancements	Fire Hydrant Maintenance Program	3,383,300	3,383,300	-	3,383,300	-
Community Development	Public Safety Enhancements	Police Body Worn Cameras	5,849,000	(0)	(5,849,000)	(0)	-
Community Development	Waterways Maintenance & Improvements	Environmental Restoration	2,916,000	2,750,000	(166,000)	2,750,000	-
Community Development	Waterways Maintenance & Improvements	Oronoco Outfall Remediation Project	11,714,000	2,676,000	(9,038,000)	2,676,000	-
Community Development	Waterways Maintenance & Improvements	Stream Valley Design Guidelines	250,000	250,000	-	250,000	-
IT Plan	Document Management	Document Imaging	200,000	200,000	-	200,000	-
IT Plan	Financial Systems	Business Tax System/Reciprocity Contractor System	305,000	305,000	-	305,000	-
IT Plan	Financial Systems	Employee Pension Administration System	-	-	-	-	-
IT Plan	Financial Systems	Enterprise Resource Planning System	160,000	160,000	-	160,000	-
IT Plan	Financial Systems	Personal Property Tax System	1,823,100	1,823,100	-	1,823,100	-
IT Plan	Financial Systems	Phone, Web, Portable Device Payment Portals	250,000	250,000	-	250,000	-
IT Plan	Financial Systems	Real Estate Account Receivable System	375,000	375,000	-	375,000	-
IT Plan	Financial Systems	Real Estate Assessment System (CAMA)	195,000	195,000	-	195,000	-
IT Plan	Geographic Information Systems	GIS Development	525,000	525,000	-	525,000	-
IT Plan	Network Services	Connectivity Initiatives	6,461,000	6,461,000	-	6,461,000	-
IT Plan	Network Services	Database Infrastructure	160,000	160,000	-	160,000	-
IT Plan	Network Services	Enterprise Camera System	-	-	-	-	-
IT Plan	Network Services	Enterprise Collaboration	160,000	160,000	-	160,000	-
IT Plan	Network Services	Enterprise Data Storage Infrastructure	1,450,000	1,450,000	-	1,450,000	-
IT Plan	Network Services	Enterprise Service Catalog	160,000	160,000	-	160,000	-
IT Plan	Network Services	Information Technology Equipment Replacement	7,980,000	9,281,000	1,301,000	9,281,000	-
IT Plan	Network Services	Information Technology Lump Sum Funding	30,887,000	29,200,000	(1,687,000)	29,200,000	-
IT Plan	Network Services	LAN Development	250,000	250,000	-	250,000	-
IT Plan	Network Services	LAN/WAN Infrastructure	8,025,300	9,734,300	1,709,000	9,734,300	-
IT Plan	Network Services	Municipal Fiber	8,561,000	16,317,000	7,756,000	13,117,000	(3,200,000)
IT Plan	Network Services	Network Security	4,765,000	4,765,000	-	4,765,000	-
IT Plan	Network Services	Network Server Infrastructure	900,000	900,000	-	900,000	-
IT Plan	Network Services	Remote Access	345,000	345,000	-	345,000	-
IT Plan	Network Services	Time & Attendance System Upgrade	95,000	95,000	-	95,000	-
IT Plan	Network Services	Upgrade Work Station Operating Systems	950,000	1,982,000	1,032,000	1,982,000	-
IT Plan	Network Services	Voice Over Internet Protocol (VoIP)	415,000	415,000	-	415,000	-
IT Plan	Other System Development Projects	Computerized Maintenance Management System (CMMS)	484,000	484,000	-	484,000	-
IT Plan	Other System Development Projects	Council Chamber Technology Upgrade	956,000	956,000	-	956,000	-
IT Plan	Other System Development Projects	DCHS Integrated Client Information System	300,000	300,000	(0)	300,000	-
IT Plan	Other System Development Projects	Enterprise Maintenance Mgmt System	920,600	920,600	-	920,600	-
IT Plan	Other System Development Projects	Fleet Management System	-	-	-	-	-
IT Plan	Other System Development Projects	FOIA System Replacement	100,000	100,000	-	100,000	-
IT Plan	Other System Development Projects	HIPAA & Related Health Information Technologies	250,000	250,000	-	250,000	-
IT Plan	Other System Development Projects	Impound Lot System Replacement	150,000	150,000	-	150,000	-
IT Plan	Other System Development Projects	Library Information Technology Equipment Replacement	-	32,000	32,000	32,000	-
IT Plan	Other System Development Projects	Library Public Access Computers and Print Mgmt System	85,000	85,000	-	85,000	-
IT Plan	Other System Development Projects	Library Scanning Equipment and DAMS	-	-	-	-	-
IT Plan	Other System Development Projects	Library Self-Service Stations/Equipment	152,000	152,000	-	152,000	-
IT Plan	Other System Development Projects	Migration of Integrated Library System to SAAS Platform	32,000	-	(32,000)	-	-
IT Plan	Other System Development Projects	Office of Voter Registrations and Elections Equipment Replacement	1,000,000	1,000,000	-	1,000,000	-

CIP Section	CIP Subsection	Project Title	FY 22-31 Requested	FY 22-21 Proposed	Delta (Proposed MINUS Requested)	FY 22-31 Approved	Delta (Approved MINUS Proposed)
IT Plan	Other System Development Projects	OHA Point-of-Sale System Replacement	150,000	150,000	-	150,000	-
IT Plan	Other System Development Projects	OHA Records Management System Replacement	5,000	5,000	-	5,000	-
IT Plan	Other System Development Projects	Permit Processing	1,500,000	1,500,000	-	-	(1,500,000)
IT Plan	Other System Development Projects	Project Management Software	113,000	113,000	-	113,000	-
IT Plan	Other System Development Projects	Recreation Database System	345,000	345,000	-	345,000	-
IT Plan	Other System Development Projects	Small Systems Replacements	1,250,000	1,250,000	-	1,250,000	-
IT Plan	Public Access Development	Customer Relationship Management System	-	-	-	-	-
IT Plan	Public Access Development	Electronic Government/Web Page	910,000	910,000	-	910,000	-
IT Plan	Public Safety Systems	AJIS System	8,819,000	8,771,000	(48,000)	8,771,000	-
IT Plan	Public Safety Systems	Computer Aided Dispatch (CAD) System Replacement	6,700,000	7,997,000	1,297,000	7,997,000	-
IT Plan	Public Safety Systems	Courtroom Trial Presentation Technology	425,000	425,000	-	425,000	-
IT Plan	Public Safety Systems	Electronic Citations Implementation	840,000	840,000	-	840,000	-
IT Plan	Public Safety Systems	Fire Dept RMS	307,500	307,500	-	307,500	-
IT Plan	Public Safety Systems	Parking Citation System Replacement	270,000	270,000	-	270,000	-
IT Plan	Public Safety Systems	Radio System Upgrade	12,178,000	11,870,100	(307,900)	11,870,100	-
Other Regional Contributions	Other Regional Contributions	Northern Virginia Community College (NVCC)	4,254,000	-	(4,254,000)	-	-
Other Regional Contributions	Other Regional Contributions	Northern Virginia Regional Park Authority (NVRPA)	4,918,000	4,790,000	(128,000)	4,790,000	-
Public Buildings	General Government Facilities	2355 Mill Road CFMP	4,502,600	4,502,600	-	4,502,600	-
Public Buildings	General Government Facilities	Alexandria Transit - DASH CFMP	1,890,900	1,890,900	-	1,890,900	-
Public Buildings	General Government Facilities	Capital Planning & Building Assessment (Condition Assessment)	650,000	650,000	-	650,000	-
Public Buildings	General Government Facilities	City Hall Renovation and HVAC Replacement	60,000,000	63,800,000	3,800,000	63,800,000	-
Public Buildings	General Government Facilities	City Hall Swing Space	8,461,400	8,461,400	-	8,461,400	-
Public Buildings	General Government Facilities	Emergency Power Systems	3,535,000	3,535,000	-	3,535,000	-
Public Buildings	General Government Facilities	Energy Management Program	9,795,400	9,896,400	101,000	9,896,400	-
Public Buildings	General Government Facilities	Fleet Building CFMP	8,714,200	8,714,200	-	8,714,200	-
Public Buildings	General Government Facilities	Gadsby's Tavern Restaurant Equipment	245,000	245,000	-	245,000	-
Public Buildings	General Government Facilities	General Services CFMP	13,982,200	12,763,500	(1,218,700)	12,763,500	-
Public Buildings	General Government Facilities	Lee Center CFMP	2,341,600	2,341,600	-	2,341,600	-
Public Buildings	General Government Facilities	Market Square Plaza and Garage Structural Repairs	8,861,800	8,861,800	-	8,861,800	-
Public Buildings	General Government Facilities	Parking Garages CFMP	118,500	118,500	-	118,500	-
Public Buildings	General Government Facilities	Roof Replacement Program	3,235,800	3,235,800	-	3,235,800	-
Public Buildings	General Government Facilities	Union Station Improvements	250,000	250,000	-	250,000	-
Public Buildings	General Government Facilities	Witter/Wheeler - Fuel Island Renovation	450,000	450,000	-	450,000	-
Public Buildings	General Government Facilities	Witter/Wheeler Campus Funding Reservation	32,960,000	32,960,000	-	32,960,000	-
Public Buildings	Library Facilities	Beatley Building Envelope Restoration	-	-	-	-	-
Public Buildings	Library Facilities	Burke Branch Renovation	825,000	825,000	-	825,000	-
Public Buildings	Library Facilities	Library CFMP	26,940,100	26,940,100	-	26,940,100	-
Public Buildings	Preservation of Historic Facilities	City Historic Facilities CFMP	29,225,100	29,225,100	-	29,225,100	-
Public Buildings	Preservation of Historic Facilities	Freedom House Museum Restoration	-	-	-	-	-
Public Buildings	Public Health & Welfare Facilities	DCHS Consolidation and Co-Location	81,624,000	81,624,000	-	81,624,000	-
Public Buildings	Public Health & Welfare Facilities	Health Department CFMP	6,291,500	6,291,500	-	6,291,500	-
Public Buildings	Public Health & Welfare Facilities	Mental Health Residential Facilities CFMP	7,476,700	7,476,700	-	7,476,700	-
Public Buildings	Public Safety Facilities	Alexandria Police CFMP	2,255,800	2,255,800	-	2,255,800	-
Public Buildings	Public Safety Facilities	Courthouse CFMP	3,177,500	3,177,500	-	3,177,500	-
Public Buildings	Public Safety Facilities	Courthouse/PSC Security System Upgrade	5,300,700	5,300,700	-	5,300,700	-
Public Buildings	Public Safety Facilities	Fire & Rescue CFMP	14,665,100	14,665,100	-	14,665,100	-
Public Buildings	Public Safety Facilities	Fire Station 207 (Duke Street)	21,836,200	21,836,200	-	21,836,200	-
Public Buildings	Public Safety Facilities	Fire Station 208 Replacement	11,350,000	11,350,000	-	11,350,000	-
Public Buildings	Public Safety Facilities	New Burn Building	2,288,800	2,288,800	-	2,288,800	-
Public Buildings	Public Safety Facilities	Office of the Sheriff CFMP	15,141,300	15,141,300	-	15,141,300	-
Public Buildings	Public Safety Facilities	Tactical Training Space	309,000	309,000	-	309,000	-
Public Buildings	Public Safety Facilities	Vola Lawson Animal Shelter	3,550,700	3,550,700	-	3,550,700	-
Recreation & Parks	Aquatics Facilities	Neighborhood Pool Demolition and Conversion	461,000	461,000	-	461,000	-
Recreation & Parks	Aquatics Facilities	Old Town Pool	9,130,500	9,130,500	-	9,130,500	-
Recreation & Parks	Aquatics Facilities	Public Pools	1,214,200	1,214,200	-	1,214,200	-
Recreation & Parks	Open Space Acquisition & Development	Open Space Acquisition and Develop.	10,000,000	10,000,000	-	10,000,000	-
Recreation & Parks	Park Maintenance & Improvements	Americans with Disabilities Act (ADA) Requirements	1,245,400	1,245,400	-	1,245,400	-
Recreation & Parks	Park Maintenance & Improvements	Athletic Field Improvements (incl. Synthetic Turf)	22,188,000	22,188,000	-	25,388,000	3,200,000
Recreation & Parks	Park Maintenance & Improvements	Ball Court Renovations	1,864,800	1,864,800	-	1,864,800	-
Recreation & Parks	Park Maintenance & Improvements	Cameron Run Regional Park Feasibility Study	281,400	281,400	-	281,400	-
Recreation & Parks	Park Maintenance & Improvements	Community Matching Fund	2,000,000	2,000,000	-	2,000,000	-
Recreation & Parks	Park Maintenance & Improvements	Four Mile Run Park	22,007,500	22,007,500	-	22,007,500	-
Recreation & Parks	Park Maintenance & Improvements	Holmes Run Trail Repairs	5,000,000	5,000,000	-	5,000,000	-
Recreation & Parks	Park Maintenance & Improvements	Park Renovations CFMP	5,133,700	5,133,700	-	5,133,700	-
Recreation & Parks	Park Maintenance & Improvements	Patrick Henry Turf Fields and Recreation Center	2,363,600	2,363,600	-	2,363,600	-
Recreation & Parks	Park Maintenance & Improvements	Pavement in Parks	2,670,000	2,670,000	-	2,670,000	-
Recreation & Parks	Park Maintenance & Improvements	Playground Renovations CFMP	10,451,800	10,451,800	-	10,451,800	-
Recreation & Parks	Park Maintenance & Improvements	Restroom Renovations	3,138,600	3,138,600	-	3,138,600	-
Recreation & Parks	Park Maintenance & Improvements	Shared-Use Paths	850,000	850,000	-	850,000	-

CIP Section	CIP Subsection	Project Title	FY 22-31 Requested	FY 22-21 Proposed	Delta (Proposed MINUS Requested)	FY 22-31 Approved	Delta (Approved MINUS Proposed)
Recreation & Parks	Park Maintenance & Improvements	Soft Surface Trails	1,415,600	1,415,600	-	1,415,600	-
Recreation & Parks	Park Maintenance & Improvements	Tree & Shrub Capital Maintenance	3,979,200	4,019,200	40,000	4,019,200	-
Recreation & Parks	Park Maintenance & Improvements	Water Management & Irrigation	1,589,000	1,589,000	-	1,589,000	-
Recreation & Parks	Park Maintenance & Improvements	Waterfront Parks CFMP	637,800	637,800	-	637,800	-
Recreation & Parks	Park Maintenance & Improvements	Windmill Hill Park Improvements	5,646,100	5,646,100	-	5,646,100	-
Recreation & Parks	Recreation Facility Maintenance	Chinquapin Recreation Center CFMP	4,554,100	4,554,100	-	4,554,100	-
Recreation & Parks	Recreation Facility Maintenance	City Marina Maintenance	659,100	659,100	-	659,100	-
Recreation & Parks	Recreation Facility Maintenance	Proactive Maintenance of the Urban Forest	2,362,000	2,362,000	-	2,362,000	-
Recreation & Parks	Recreation Facility Maintenance	Recreation Centers CFMP	15,733,100	15,733,100	-	15,733,100	-
Recreation & Parks	Renovated or New Recreation Facilities	Braddock Area Plan Park	3,710,800	3,710,800	-	3,710,800	-
Recreation & Parks	Renovated or New Recreation Facilities	Citywide Parks Improvements Plan	3,169,800	3,169,800	-	3,169,800	-
Recreation & Parks	Renovated or New Recreation Facilities	Douglas MacArthur School - Recreation & Parks Programming Space	-	-	-	-	-
Recreation & Parks	Renovated or New Recreation Facilities	Fort Ward Management Plan Implementation	1,120,000	1,120,000	-	1,120,000	-
Recreation & Parks	Renovated or New Recreation Facilities	Torpedo Factory Art Center Revitalization	-	1,690,000	1,690,000	1,690,000	-
Recreation & Parks	Renovated or New Recreation Facilities	Torpedo Factory Space Programming & Improvements	1,195,000	-	(1,195,000)	-	-
Sanitary Sewers	Sanitary Sewers	AlexRenew Wastewater Treatment Plant Capacity	2,251,100	(0)	(2,251,100)	(0)	-
Sanitary Sewers	Sanitary Sewers	Combined Sewer Assessment & Rehabilitation	7,800,000	8,900,000	1,100,000	8,900,000	-
Sanitary Sewers	Sanitary Sewers	Holmes Run Trunk Sewer	-	(0)	(0)	(0)	-
Sanitary Sewers	Sanitary Sewers	Reconstructions & Extensions of Sanitary Sewers	9,000,000	9,000,000	-	9,000,000	-
Sanitary Sewers	Sanitary Sewers	Sanitary Sewer Asset Renewal Program	35,000,000	36,000,000	1,000,000	36,000,000	-
Stormwater Management	Stormwater Management	Floodproofing Grant Program	-	8,425,000	8,425,000	8,425,000	-
Stormwater Management	Stormwater Management	Four Mile Run Channel Maintenance	6,964,900	5,987,900	(977,000)	5,987,900	-
Stormwater Management	Stormwater Management	Green Infrastructure	1,759,000	1,759,000	-	1,759,000	-
Stormwater Management	Stormwater Management	Hooffs Run Culvert	-	2,849,300	2,849,300	2,849,300	-
Stormwater Management	Stormwater Management	Inspection and Cleaning (State of Good Repair) CFMP	-	11,221,000	11,221,000	11,221,000	-
Stormwater Management	Stormwater Management	MS4-TDML Compliance Water Quality Improvements	49,000,000	17,425,000	(31,575,000)	17,425,000	-
Stormwater Management	Stormwater Management	NPDES / MS4 Permit	1,747,200	1,747,200	-	1,747,200	-
Stormwater Management	Stormwater Management	Phosphorus Exchange Bank	-	-	-	-	-
Stormwater Management	Stormwater Management	Small-Midsize Stormwater Maintenance Projects	-	5,624,000	5,624,000	5,624,000	-
Stormwater Management	Stormwater Management	Storm Sewer Capacity Assessment	22,839,400	169,400,000	146,560,600	169,400,000	-
Stormwater Management	Stormwater Management	Storm Sewer System Spot Improvements	7,333,800	28,491,500	21,157,700	28,491,500	-
Stormwater Management	Stormwater Management	Stormwater BMP Maintenance CFMP	3,689,100	4,004,000	314,900	4,004,000	-
Stormwater Management	Stormwater Management	Strawberry Run Stream Restoration	-	-	-	-	-
Stormwater Management	Stormwater Management	Stream & Channel Maintenance	5,555,700	9,651,000	4,095,300	9,651,000	-
Stormwater Management	Stormwater Management	Taylor Run Stream Restoration	-	-	-	-	-
Transportation	High Capacity Transit Corridors	Transit Corridor "B" - Duke Street	75,000,000	75,000,000	-	75,000,000	-
Transportation	High Capacity Transit Corridors	Transit Corridor "C" - West End Transitway	69,399,997	69,399,997	-	69,399,997	-
Transportation	High Capacity Transit Corridors	Transitway Enhancements	-	-	-	-	-
Transportation	Non-Motorized Transportation	Access Improvements at Landmark	6,334,630	6,334,630	-	6,334,630	-
Transportation	Non-Motorized Transportation	Capital Bikeshare	900,000	900,000	-	900,000	-
Transportation	Non-Motorized Transportation	CMAQ Contingency from Cancelled Backlick Run Multi-Use Paths	4,610,651	4,610,651	-	4,610,651	-
Transportation	Non-Motorized Transportation	Complete Streets	9,371,000	8,857,000	(514,000)	8,857,000	-
Transportation	Non-Motorized Transportation	Duke Street and West Taylor Run Safety Improvements	3,905,460	3,905,460	-	3,905,460	-
Transportation	Non-Motorized Transportation	King Street-Bradlee Roadway Improvements	2,000,000	2,000,000	-	2,000,000	-
Transportation	Non-Motorized Transportation	Old Cameron Run Trail	4,814,000	4,814,000	-	4,814,000	-
Transportation	Non-Motorized Transportation	Sidewalk Capital Maintenance	5,313,800	5,313,800	-	5,313,800	-
Transportation	Public Transit	DASH Bus Fleet Replacements	111,687,400	111,687,400	-	111,687,400	-
Transportation	Public Transit	DASH Facility and Fleet Expansion	19,630,000	19,630,000	-	19,630,000	-
Transportation	Public Transit	DASH Hybrid Bus and Trolley Powertrain Replacement	2,390,800	1,978,800	(412,000)	1,978,800	-
Transportation	Public Transit	Transit Access & Amenities	900,000	900,000	-	900,000	-
Transportation	Public Transit	Transit Staffing Contingency	-	-	-	1,500,000	1,500,000
Transportation	Public Transit	Transit Strategic Plan in Alexandria	-	-	-	150,000	150,000
Transportation	Public Transit	WMATA Capital Contributions	165,870,000	173,615,000	7,745,000	173,615,000	-
Transportation	Smart Mobility	Citywide Parking - Parking Technologies	700,000	700,000	-	456,804	(243,196)
Transportation	Smart Mobility	Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	5,084,550	5,084,550	-	5,084,550	-
Transportation	Smart Mobility	Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade	1,969,900	1,969,900	-	1,969,900	-
Transportation	Smart Mobility	Citywide Trans. Mgmt. Tech. - Transportation Technologies	2,134,000	2,134,000	-	2,134,000	-
Transportation	Smart Mobility	DASH Electronic Fare Payment	350,000	350,000	-	-	(350,000)
Transportation	Smart Mobility	DASH Scheduling Software	-	-	-	-	-
Transportation	Smart Mobility	DASH Technologies	855,745	855,745	-	855,745	-
Transportation	Smart Mobility	Traffic Adaptive Signal Control	7,675,900	7,675,900	-	7,675,900	-
Transportation	Streets and Bridges	Bridge Repairs	32,528,000	32,528,000	-	32,528,000	-
Transportation	Streets and Bridges	Fixed Transportation Equipment	12,126,000	12,126,000	-	12,126,000	-
Transportation	Streets and Bridges	Four Mile Run Bridge Program	24,000,000	24,000,000	-	24,000,000	-
Transportation	Streets and Bridges	Seminary Road at Beauregard Street Ellipse	36,500,000	36,500,000	-	36,500,000	-
Transportation	Streets and Bridges	Street Reconstruction & Resurfacing of Major Roads	59,576,100	60,305,100	729,000	60,305,100	-
			2,361,186,633	2,658,483,533	297,296,900	2,661,511,337	3,027,804

Appendix D: Operating Impacts

The following table indicates the FY 2022 – FY 2031 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.

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2022 - FY 2031
Community Development											
Oronoco Outfall Remediation Project	0	150,000	200,000	210,000	220,000	230,000	245,000	260,000	280,000	300,000	2,095,000
Transportation Signage & Wayfinding System	0	50,000	5,000	5,000	5,000	5,000	5,000	5,000	60,000	5,000	145,000
IT Plan											
Library Scanning Equipment and DAMS	0	8,600	8,900	9,100	9,400	9,700	10,000	10,300	10,600	10,900	87,500
Municipal Fiber	0	0	830,500	830,500	830,500	830,500	830,500	830,500	830,500	830,500	6,644,000
Personal Property Tax System	0	121,000	127,000	134,000	140,000	147,000	154,000	162,000	170,000	179,000	1,334,000
Public Buildings											
Courthouse/PSC Security System Upgrade	0	292,800	307,200	322,300	338,100	354,700	372,200	390,600	494,600	494,600	3,367,100
Recreation & Parks											
Neighborhood Pool Demolition and Conversion	0	0	32,800	33,800	34,800	35,800	36,900	38,000	39,200	40,400	291,700
Old Town Pool	0	0	0	0	0	170,700	170,700	170,700	170,700	170,700	853,500
Patrick Henry Turf Fields and Recreation Center	0	0	3,500	3,600	3,700	3,800	3,900	4,100	4,200	4,300	31,100
Stormwater Management											
Four Mile Run Channel Maintenance	0	99,400	104,400	109,600	115,100	120,800	126,900	133,200	139,900	146,900	1,096,200
Green Infrastructure	0	2,000	2,000	2,000	4,000	4,000	4,000	4,000	4,000	4,000	30,000
Transportation											
Access Improvements at Landmark	0	0	0	0	3,000	3,100	3,200	3,300	21,400	5,000	39,000
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integratior	0	363,100	376,500	390,600	405,400	420,900	437,200	454,300	472,200	491,100	3,811,300
Citywide Trans. Mgmt. Tech. - Transportation Technologies	0	2,600	2,700	2,700	2,800	2,900	3,000	3,100	3,200	3,300	26,300
DASH Electronic Fare Payment	0	61,800	63,700	65,600	67,500	69,600	71,600	73,800	76,000	78,300	627,900
DASH Facility and Fleet Expansion	0	5,334,300	5,546,300	8,751,600	9,103,200	9,462,200	9,843,700	10,240,100	10,644,000	11,070,000	79,995,400
DASH Technologies	0	0	50,000	51,500	53,000	54,600	56,300	58,000	59,700	61,400	444,500
Old Cameron Run Trail	0	0	0	9,100	9,400	9,700	13,000	13,400	16,800	17,000	88,400
Potomac Yard Metrorail Station	0	2,959,900	3,048,700	3,140,200	3,234,400	3,331,400	3,431,300	3,534,200	3,640,200	3,749,400	30,069,700
Traffic Adaptive Signal Control	0	30,000	31,500	33,100	34,700	36,500	38,300	40,200	42,200	44,300	330,800
Transit Corridor "C" - West End Transitway	0	0	0	0	2,400,000	2,472,000	2,456,200	2,622,500	2,701,200	2,782,200	15,434,100
Grand Total	**0**	**9,475,500**	**10,740,700**	**14,104,300**	**17,014,000**	**17,774,900**	**18,312,900**	**19,051,300**	**19,880,600**	**20,488,300**	**146,842,500**

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 2022 – FY 2031 CIP.

Funding Source	FY 2022	FY 2023	FY 2024
Complete Streets			
GO Bonds	$ 42,000	$ 250,000	$ 250,000
Cash Capital	$ 1,469,000	$ 511,000	$ 523,000
Sub-Total	$ 1,511,000	$ 761,000	$ 773,000
Street Reconstruction & Resurfacing of Major Roads			
GO Bonds	$ 3,197,000	$ 3,635,000	$ 2,936,400
TIP	$ -	$ 700,000	$ 1,000,000
State Revenue Sharing	$ 3,197,000	$ 1,500,000	$ 1,500,000
Sub-Total	$ 6,394,000	$ 5,835,000	$ 5,436,400
Sidewalk Capital Maintenance			
GO Bonds	$ 309,000	$ 636,600	$ 327,900
Sub-Total	$ 309,000	$ 636,600	$ 327,900
Fixed Transportation Equipment (Signage/Signals/Markings Line Item)			
GO Bonds	$ 875,500	$ 993,400	$ 956,300
Sub-Total	$ 875,500	$ 993,400	$ 956,300
Total Consoidated Street CIP Funding	**$ 9,089,500**	**$ 8,226,000**	**$ 7,493,600**

Expenditures	FY 2022	FY 2023	FY 2024
Complete Streets			
Sidewalk projects with paving projects	$ 180,000	$ 100,000	$ 150,000
Street projects with paving projects	$ 275,000	$ 150,000	$ 150,000
Non-paving projects	$ 822,000	$ 265,000	$ 215,000
Staff	$ 234,000	$ 246,000	$ 258,000
Sub-Total	$ 1,511,000	$ 761,000	$ 773,000
Street Resurfacing			
Paving projects	$ 5,394,000	$ 5,635,000	$ 5,136,400
Alley paving	$ 200,000	$ 200,000	$ 300,000
Sub-Total	$ 5,594,000	$ 5,835,000	$ 5,436,400
Signage/Signals/Markings			
Repair and upgrade traffic signal vehicle detection	$ 875,500	$ 993,400	$ 956,300
Markings	$ 800,000	$ -	$ -
Sub-Total	$ 1,675,500	$ 993,400	$ 956,300
Sidewalks			
Sidewalk projects	$ 309,000	$ 636,000	$ 327,900
Sub-Total	$ 309,000	$ 636,000	$ 327,900
Total Consolidated Street CIP Expenditures	**$ 9,089,500**	**$ 8,225,400**	**$ 7,493,600**

Program	FY 22 Amount dedicated to repaving	Percent of total funding
Complete Streets	$ 455,000	6%
Street Resurfacing	$ 5,394,000	67%
Alleys	$ 200,000	2%
Signage/Signals/Markings	$ 1,675,500	21%
Sidewalks	$ 309,000	4%
Total	**$ 8,033,500**	**100%**