APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2016

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City of Alexandria, Virginia

APPROVED FY 2016 - 2025

CAPITAL IMPROVEMENT

PROGRAM

(Incorporating the Information Technology Plan)

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GOVERNMENT FINANCE OFFICERS ASSOCIATION

Distinguished Budget Presentation Award

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The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to the City of Alexandria, Virginia for its annual budget for the fiscal year beginning July 2014.

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

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

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CITY OF ALEXANDRIA, VIRGINIA

Approved FY 2016 – FY 2025 Capital Improvement Program Overview

APPROVED CIP OVERVIEW

The FY 2016 – 2025 Capital Improvement Program (CIP) was approved by City Council on May 7, 2015 and totals $1.566 billion. 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 FY 2016 – 2025 CIP is a balanced ten-year plan in that all projects have identified funding sources.

The Approved FY 2016 – 2025 CIP also continues planned funding for the Potomac Yard Metrorail Station. The Proposed CIP includes a $50 million low cost, flexible loan from the Virginia Transportation Infrastructure Bank (VTIB) to support the construction of the Potomac Yard Metrorail Station. The loan, awarded through a competitive project review process, was provided to the City at a 2.17% interest rate – this rate will reduce the amount of General Obligation Bond borrowing required for station construction, as well as reducing debt service costs. Both the VTIB loan and General Obligation Bonds will be repaid with incremental taxes, revenue from Special Tax Districts, real estate property appreciation, as well planned developer contributions associated with Potomac Yard. Additionally, Northern Virginia Transportation Authority (NVTA) funding is anticipated to be available to offset project costs. General Fund revenues will not be used or needed to fund repayment of debt issued for Potomac Yard.

City Council Add-Delete Process

As part of the City Council Add-Delete process, several changes were made from the City Manager's Proposed FY 2016 – 2025 CIP. A summary of these changes include:

- ✓ $5.5 million in prior year funding held by Alexandria City Public Schools (ACPS) was removed from the final City Council appropriation. As this funding had already been appropriated by City Council to ACPS, it was not necessary to appropriate again. It was included in the City Manager's Proposed CIP to show the total of all FY 2016 ACPS capital projects from all funding sources.
- ✓ $1.18 million in City Council Contingency projects were added to the CIP. These projects include future Transportation Commission capital project priorities and the Maury Schoolyard Initiative project being managed by ACPS. In each case, City and ACPS staff will come back to City Council with a plan for these projects before City Council releases the funds.
- ✓ Additional funding for Transportation and Transit initiatives was provided including $0.66 million for an additional DASH bus and $0.1 million to continue design on Old Cameron Run Trail. Additionally, $0.4 million in private capital contributions previously received by the City were appropriated for the King Street/Quaker Lane/Braddock Road intersection project.
- ✓ Capital contributions to WMATA were decreased by $0.85 million in FY 2016 based on the revised budget estimates provided by WMATA.

- ✓ Planning and design funding ($0.15 million) for a new Warwick Pool was moved from FY 2017 to allow that work to begin immediately.

Once all the changes identified during the budget development process were calculated, the Approved FY 2016 – 2025 Capital Improvement Program totals $1.566 billion, which represents a $107.9 million, or 7.4%, increase from the Approved FY 2015 - 2024 CIP. The majority of the increase includes capital funding for the following two significant infrastructure projects described below.

Waterfront Plan Implementation

City Council approved the Waterfront Plan in January 2012, with the Landscape and Flood Mitigation Design approved by City Council in June 2014. Funding for the implementation of the Waterfront Plan (planning and design to continue through FY 2017 with implementation scheduled to begin in FY 2018) is included in the CIP for the first time. The total cost of implementation included in the ten-year plan is $61.5 million, and will begin to address flooding concerns, bulkhead replacements, and pedestrian connectivity throughout the designated Waterfront area. These improvements are funded by developer contributions ($5.0 million) and City funds ($56.5 million) covered in part by incremental tax revenues created by the planned private sector redevelopment projects.

WMATA Capital Contributions

The second major increase in the capital infrastructure investment funding is Washington Metropolitan Area Transportation Authority capital improvements, including funding for implementation of Metro 2025, an expansion of service and infrastructure improvements current proposed by WMATA. The contribution to WMATA increased by $58.3 million over last year's CIP (from $55.3 million to $113.6 million). Those amounts do not include approximately $4.0 million (annually) through the Northern Virginia Transportation Commission (NVTC) in state and gas tax funding allocated to the City. Additionally, a significant contribution from the Commonwealth of Virginia would be needed to offset a large portion of WMATA long-term capital costs. When combining all funding sources, the City's ten-year capital contribution to WMATA could exceed $200 million. A six-year Capital Funding Agreement among the participating state and local jurisdictions is currently being negotiated.

Due to the need to fund increased WMATA costs in FY 2016 and beyond, other transportation projects were scaled back or eliminated. Most of the impacted projects were assumed to be funded by the City's Transportation Improvement Program (TIP). The TIP is now providing support in the overall funding structure to both WMATA capital and operating costs. Capital projects that were eliminated in the ten-year plan include DASH bus expansion (although some funding is planned in future years for expansion associated with increased headways that will not require additional buses) and the Mount Vernon Avenue/Russell Road Intersection Improvement project. Projects which will need to be scaled back or will need to have additional funding identified in future CIPs include Van Dorn Metrorail Station Area Improvements, Old Cameron Run Trail, and Backlick Run Multi-Use Paths. Should the proposed WMATA capital and operating subsidies be reduced by WMATA, staff will provide City Council prioritized recommendations to reprogram TIP funding utilized to support WMATA.

Approved FY 2016 – FY 2025 Capital Improvement Program Overview

Supporting the City Long-Term Outcomes

The City Council's Approved FY 2016 – 2025 CIP supports many of the City's Long-Term Outcomes and budget guidance. Some examples of the Long-Term Outcomes supported by the City Council Approved CIP include:

- ✓ Ensuring all children and youth thrive and succeed
- ✓ Promoting an attractive urban environment that reflects our history and provides well-functioning infrastructure
- ✓ Increasing Transportation system mobility, connectivity, and accessibility that supports the City's economy
- ✓ Increasing the value of the real estate tax base
- ✓ Ensuring the fiscal strength of the City government
- ✓ Achieving the results the community values

In the Approved FY 2016 -2025 Capital Improvement Program document, each individual project provides information on the Long-Term Outcome(s) that the project supports. By supporting these Long-Term Outcomes, the City ensures that capital investments are being prioritized and balancing 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 2016 – 2025 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 ($918.9 million) -** Includes general cash sources and General Obligation Bond revenues for the base CIP program.
- **Restricted City funds ($313.6 million) -** Includes both cash and General Obligation Bond revenues associated with the Sanitary Sewer Fund, Stormwater Management Fund, Transportation Improvement Program, Potomac Yard Metrorail Station, Code Fund, 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 ($334.0 million)** generally include State and Federal grants (including NVTA funding), private capital contributions, and revenues from the City's telecommunication financial agreement with Comcast. These revenues are also restricted in their use.

With the new revenue sources provided by the NVTA funding and developer contributions added in the prior year CIP, the City's financing plan has a 36% cash / 64% borrowing structure in this year's 10-year plan. In the first five years of the plan when outside funding sources are more certain, the City's financing plan has a 40% cash / 60% borrowing structure.

Approved FY 2016 – FY 2025 Capital Improvement Program Overview

In municipal finance, there are no generally recognized specific mathematical benchmarks for cash capital funding. The bond rating agencies view of cash capital is positive, but the bond rating agencies do not set minimum threshold expectations. In general we consider having an overall CIP which is 25% cash capital from all cash sources as very healthy.

Revenues	Last Year FY 2015-2024	Approved FY 2016-2025	Difference FY 2016-FY 2015
Unrestricted			
Cash Sources (Including G/F Transfer)	$ 237,996,758	$ 204,862,733	$ (33,134,025)
G.O. Bonds	$ 571,063,000	$ 714,035,279	$ 142,972,279
Subtotal, Unrestricted City Revenues	*$ 809,059,758*	*$ 918,898,012*	$ 109,838,255
Restricted			
Potomac Yard (Cash Sources)	$ 5,525,000	$ 3,000,000	$ (2,525,000)
Potomac Yard (GO Bonds)	$ 204,000,000	$ 154,000,000	$ (50,000,000)
Potomac Yard VTIB Loan	$ -	$ 50,000,000	
Sanitary Sewers (Cash Sources)	$ 6,670,000	$ 10,300,000	$ 3,630,000
Sanitary Sewers (GO Bonds)	$ 84,400,000	$ 78,920,000	$ (5,480,000)
Transportation Improvement Program (Cash Sources)	$ 20,320,000	$ 10,200,000	$ (10,120,000)
Transportation Improvement Program (GO Bonds)	$ -	$ 5,400,000	$ 5,400,000
Code Fund	$ 1,729,000	$ 1,750,000	$ 21,000
Subtotal, Restricted City Revenues	*$ 322,644,000*	*$ 313,570,000*	$ (9,074,000)
Non-City			
NVTA 70%	$ 165,000,000	$ 157,450,000	$ (7,550,000)
NVTA 30%	$ 45,097,920	$ 41,825,000	$ (3,272,920)
Other State and Federal Grants	$ 31,342,080	$ 38,483,977	$ 7,141,897
Private Capital Contributions	$ 79,519,895	$ 87,335,105	$ 7,815,210
Comcast Revenues	$ 5,870,000	$ 8,910,000	$ 3,040,000
Subtotal, Non-City Revenues	*$ 326,829,895*	*$ 334,004,083*	$ 7,174,188
Total, All Revenue Sources	**$ 1,458,533,652**	**$ 1,566,472,095**	**$ 107,938,443**

Approved FY 2016 – FY 2025 Capital Improvement Program Overview

Project Categorization

The Approved FY 2016 – 2025 CIP addresses three 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; and
- Alexandria City Public Schools capital infrastructure needs.

The Approved FY 2016 – 2025 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. This focus is supported by the continued use of the same three-Category prioritization system used in the development of the Approved FY 2015 – 2024 CIP.

Project Category	Total FY 2016-2025
Category 1 - Asset Maintenance	$ 361,560,494
Category 2 - Renovations/Existing Assets	$ 55,260,229
Category 3 - New Facilities	$ 807,692,853
Alexandria City Public Schools	$ 291,383,279
Information Technology Plan	$ 50,575,240
Total, All Categories	**$ 1,566,472,095**

Similar to FY 2015, the Office of Management and Budget categorized projects into one of three categories, as well as Alexandria City Public Schools (ACPS) funding and the City's Information Technology (IT) Plan. The distribution of funding across the different categories and IT and ACPS is shown to the right. Categories are defined as follows:

- **Category 1: Asset Maintenance** – funding streams that cover an ongoing maintenance need for an existing City asset;
- **Category 2: Renovations/Existing Assets** – specific large renovation or restoration projects that are necessary cyclically or periodically, but can be scheduled for a specific time period. These projects also pertain to existing City assets;
- **Category 3: New Facilities** – projects that result in a new or expanded facility or level of service and can be scheduled;
- **Alexandria City Public Schools (ACPS)** – represents the total of all Proposed ACPS funding; and
- **Information Technology Plan** – projects included in the ten-year plan that are Information Technology related. In future CIPs, those projects will be assigned a category rather than remain as a separate category.

Beyond basic capital maintenance issues, the Approved FY 2016 – 2025 CIP reflects a vision for the City's future. The FY 2016 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 $807.7 million in Category 3 projects, $461.3 million (from both City and non-City sources) is for new and expanded transportation and transit infrastructure projects, including construction of the Potomac Yard Metrorail

Station (Strategic Plan Goal 1 – Economic Development) and the Beauregard Transit Corridor (Strategic Plan Goal 3 – Transportation).

Other significant Category 3 projects include:

- Funding is included for the first time in the CIP for capital infrastructure improvements associated with the Waterfront Plan Implementation ($61.5 million)
- Major City Hall infrastructure improvements in FY 2020 – 2023 ($51.6 million)
- Four fire station rebuilds, and construction of one new fire station in the Beauregard Corridor (paid for primarily through development contributions) in FY 2016 – 2024 ($61.5 million)
- Chinquapin Aquatics Center improvements in FY 2017 – 2018 ($22.4 million)

Identified Capital Infrastructure Investments Not Funded

For all the projects that are funded in the CIP, there still remain a number of identified capital investments which are not funded in the plan due to the limits on resources within the available capital funding streams. Most notably, these involve the capital costs associated with federally mandated capital infrastructure improvements to sanitary sewer and storm sewer infrastructure, which are not fully funded in the Approved FY 2016 -2025 CIP. These costs could reach $200 million - $300 million over the next two to three decades.

Additionally, while the Approved FY 2016 -2025 CIP for ACPS is only $14.5 million less than the School Board FY 2016 – 2025 CIP adopted on February 5, 2015, there is an $88.2 million difference when comparing FY 2017 – 2020 of the two plans. The table below shows the difference between the City Council Approved CIP and the School Board Adopted CIP for the entire ten-year plan.

Capital Improvement Program	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
City Council Approved FY 2016 - 2025 CIP	$ 38,808,279	$ 32,000,000	$ 32,500,000	$ 31,900,000	$ 14,875,000
School Board Approved FY 2016 - 2025 CIP	$ 38,808,279	$ 61,486,545	$ 34,851,000	$ 76,292,000	$ 26,853,000
Difference: City Council - School Board	$ -	$ (29,486,545)	$ (2,351,000)	$ (44,392,000)	$ (11,978,000)
Capital Improvement Program	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**
City Council Approved FY 2016 - 2025 CIP	$ 15,000,000	$ 22,900,000	$ 37,000,000	$ 37,400,000	$ 29,000,000
School Board Approved FY 2016 - 2025 CIP	$ 10,522,502	$ 20,042,510	$ 10,780,000	$ 22,044,000	$ 4,238,000
Difference: City Council - School Board	$ 4,477,498	$ 2,857,490	$ 26,220,000	$ 15,356,000	$ 24,762,000
City Council Approved Total FY 2016 - 2025 CIP	**$ 291,383,279**				
School Board Approved Total FY 2016 - 2025 CIP	**$ 305,917,836**				
Difference	**$ (14,534,557)**				

Adhering to budget guidance and working with limited City resources does not allow for funding all the identified needs. A listing of all unfunded capital infrastructure requests as identified through the FY 2016 budget development process can be found in the Appendices of the full CIP document.

Approved FY 2016 – FY 2025 Capital Improvement Program Overview

CIP PURPOSE & DEFINITIONS

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

The adoption of the 10-year CIP is neither a firm commitment to a particular project nor a limitation to a particular cost. As a basic tool for prioritizing and scheduling anticipated capital projects and capital financing, the CIP is a key element in planning and managing future debt service requirements. Only the first year of the CIP (FY 2016) 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 2016 – FY 2025

In developing the Approved FY 2016 – 2025 CIP, there were some general guidelines followed in developing the balanced 10-year plan. These guidelines included:

- Using the City Council Approved FY 2015 – 2024 CIP as the “base” for the City Council Approved FY 2016 – 2025 CIP;
- Incorporating City Council guidance into the plan including funding for implementation of the City’s Waterfront Plan;
- Working to align projects with our City’s Strategic Plan and City Manager’s budget priorities;
- Preserving and maintaining our City’s existing physical assets;
- Addressing the long-term Washington Metropolitan Area Transportation Authority (WMATA) capital request associated with Metro 2025;
- Keeping the self-funded proposed Potomac Yard Metrorail Station a priority capital project; and
- Utilizing project prioritization and rankings to inform funding decisions.

CIP Process Improvement Team and CIP Budget Development Information

In addition to following the guidance provided by City Council, the City Manager created a "CIP Process Improvement Team" in the fall of 2012 and charged it with evaluating the existing CIP process and developing a system for linking CIP decisions with the City's key strategic priorities.

The team worked together to evaluate the current CIP process and developed a process that will link CIP decisions with the key strategic priorities of the organization to ensure that the capital improvement process is more strategic and relevant. The team was charged with:

- Evaluating the existing capital improvement program and recommending appropriate changes; and
- Developing a way to evaluate projects consistent with the City's Strategic Plan, enabling the City to:
    - Leverage investments to yield improved services through greater operational efficiency and effectiveness;
    - Develop criteria that will determine when a project is ready for evaluation;
    - Develop criteria by which projects will be evaluated/scored; and
    - Determine how projects relate to the Strategic Plan and FY 2016 Budget Guidance.

At the highest level of discussion, the team came to a consensus on the most important guiding principles of the CIP budget development process. Listed below is the basic framework and principles that are recommended by the CIP Process Improvement Team to guide the CIP budget development process.

- **Fair, Open and Objective Evaluation** – using a more complete evaluation tool (included in the Appendices of the Capital Improvement Program document) that informs budget decisions.
- **Quality Submissions** – standardized project submission designed to collect relevant information used to assist in the evaluation of the projects.
- **Transparency** – allow the public and departments to better understand how funding decisions are made.
- **Linking to the Strategic Plan and City Manager's Performance Plan** – integration of work from the City's budget focus areas, including identification of long-term outcomes associated with the City's capital investments.

The most important initiative implemented by the CIP Process Improvement Team was the creation of a project evaluation tool to provide objective criteria which was used in conjunction with City Council guidance to develop project prioritization. This evaluation tool was used to evaluate and rank capital project requests during the FY 2016 CIP development process. Projects rankings were used to inform decision making in conjunction with the general guidelines (noted earlier) used to develop this year's proposed plan. The evaluation criteria, along with all the project rankings, can be found in the Appendices of the Capital Improvement Program document.

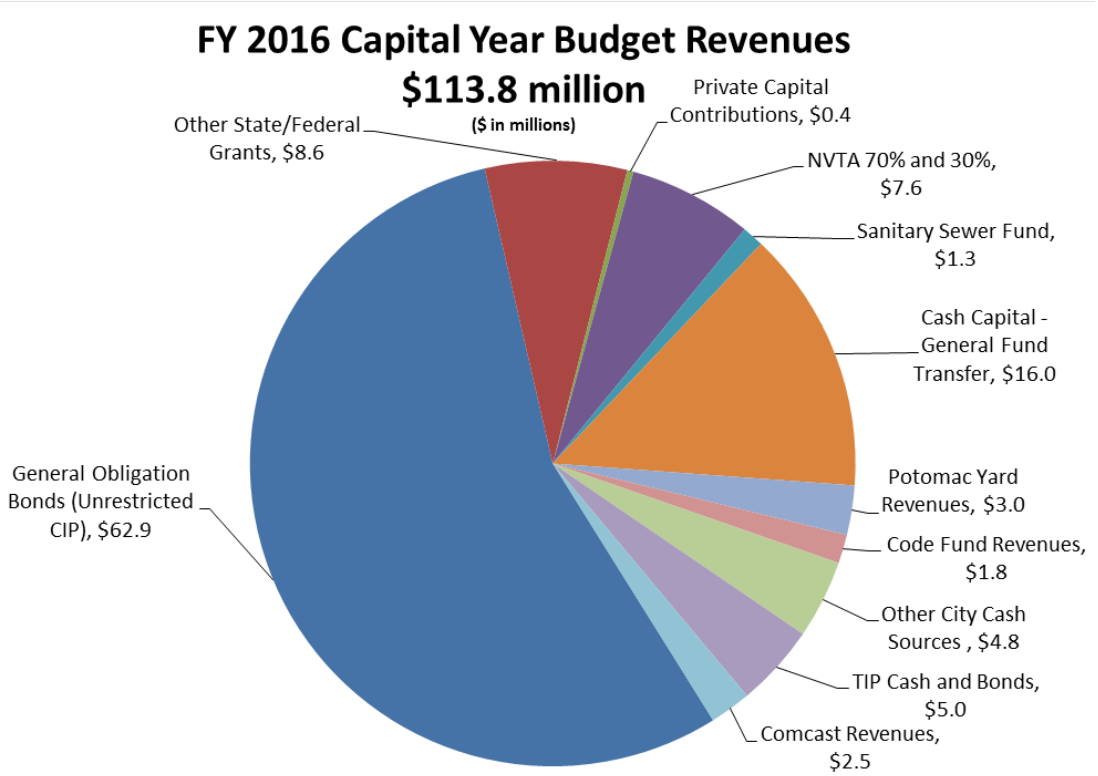
The CIP Process Improvement Team has played an important role in developing the ten-year plan since FY 2014, and will continue to recommend and implement improvements to the CIP in coming fiscal years.

Approved FY 2016 – FY 2025 Capital Improvement Program Overview

FY 2016 APPROVED CIP SOURCES AND USES

Approved FY 2016 Capital Year Budget Revenues (Sources)

The total Approved CIP for FY 2016 is $113.8 million; a $5.0 million decrease from FY 2016 in last year's planned CIP. **A listing of all revenues included in the Approved FY 2016 -2025 CIP including the FY 2016 Capital Year Budget can be found on pages 61-68 of the full CIP document.**



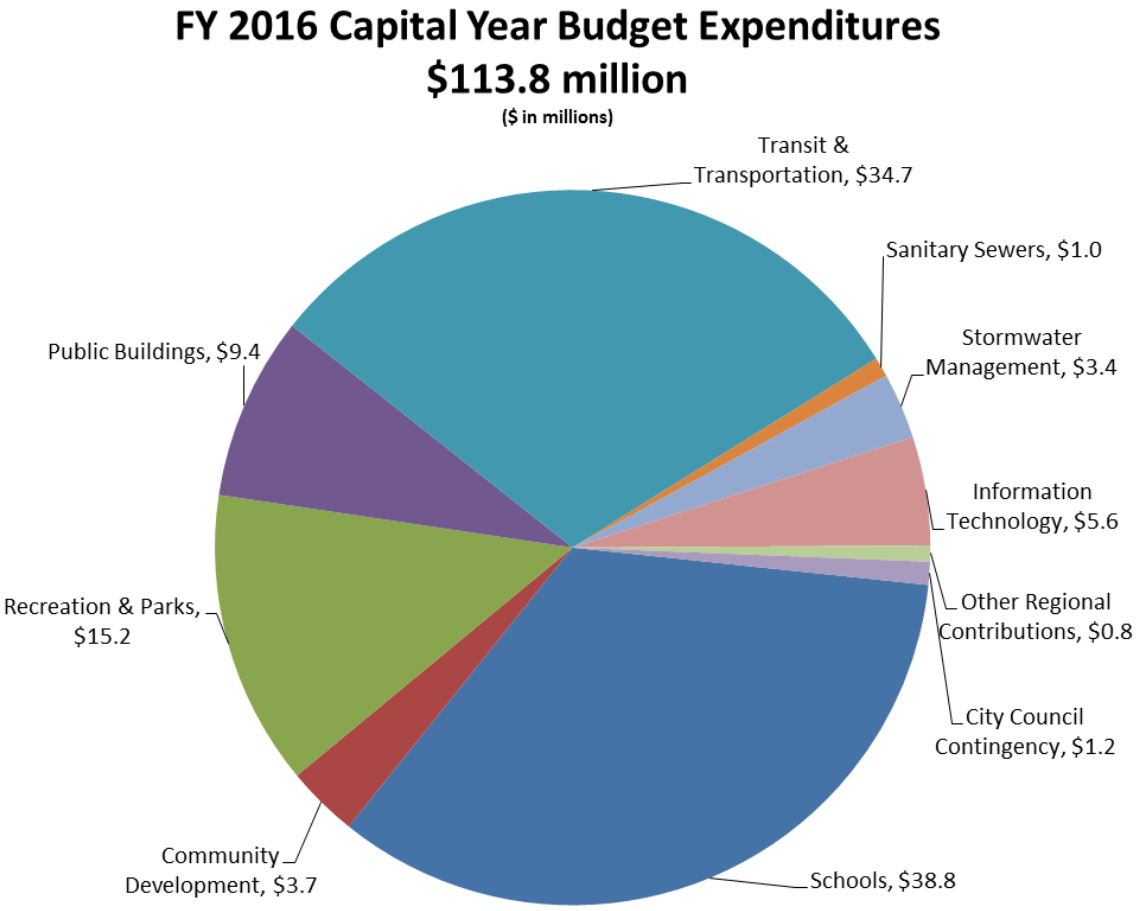
Revenue highlights of the Approved FY 2016 Capital Year Budget expenditures include:

- FY 2016 revenues are split between borrowing (55%) and cash sources (45%). In municipal finance, there are no generally recognized specific mathematical benchmarks for cash capital funding. In general we consider having an overall CIP which is 25% cash capital from all cash sources very healthy.
- The General Fund Cash Capital Transfer amount is $16.03 million, or 2.47% 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 $12.96 million).
- Non-City revenues sources, including Comcast revenues, State/Federal grants, Northern Virginia Transportation Authority (NVTA) revenues, and private capital contributions total $19.1 million.

Approved FY 2016 – FY 2025 Capital Improvement Program Overview

Approved FY 2016 Capital Year Budget Expenditures (Uses)

The total Approved CIP expenditures for FY 2016 are $113.8 million which represents a $5.0 million decrease from FY 2016 in last year's planned CIP. FY 2016 is the only year of the 10-year CIP that is formally appropriated by City Council. **A listing of all projects included in the Approved FY 2016 -2025 CIP including the FY 2016 Capital Year Budget can be found on pages 42-47 of the full CIP document.** The pie chart and the narrative below detail only FY 2016 Capital Year Budget highlights by CIP document section.



Project highlights of the Approved FY 2016 Capital Year Budget expenditures include:

- **Alexandria City Public Schools ($38.8 million FY 2016 Capital Year Budget)**
  - A total of $38.8 million in ACPS projects are funded in FY 2016. Additionally, ACPS has also identified $5.5 million in prior year savings (which do not need to be appropriated since those funds have been previously appropriated by City Council) to complete $44.3 million in capital projects in FY 2016.

Approved FY 2016 – FY 2025 Capital Improvement Program Overview

- **Transportation ($34.7 million FY 2016 Capital Year Budget)**
  - $8.3 million to support the WMATA Capital Improvement Program. City support for WMATA also includes the use of an additional $4.0 million in Northern Virginia Transportation Commission (NVTC funds) which are not formally appropriated by City Council.
  - $5.6 million for Street reconstruction and resurfacing, a $1.1 million increase over FY 2015. Resurfacing of lane miles will increase from an estimated 22 miles in FY 2014, to approximately 40 miles in FY 2015, to over 50 miles in FY 2016.
  - $4.0 million for continued funding of the Potomac Yard Metrorail Station, from NVTA 70% and Potomac Yard Special Tax District revenues.
  - $3.7 million in VDOT grants and prior year TIP proceeds to fully fund the increased costs of improvements at the King Street Metro Station.
  - $3.91 million for DASH bus replacements. When combined with $4.55 million in FY 2015 funding that will not be expended until FY 2016, a total of 13 DASH buses will be replaced in FY 2016.

- **Recreation and Parks ($15.2 million FY 2016 Capital Year Budget)**
  - $5.9 million in construction funding is planned for the Patrick Henry Recreation Center Renovation project, being completed in conjunction with capital improvements to the ACPS facility. Construction is not anticipated to begin until the end of FY 2016 at the earliest.
  - $5.0 million in construction funding for the Windmill Hill Park Bulkhead is budgeted in FY 2016. Construction is not anticipated to begin until the end of FY 2016 at the earliest.
  - $0.2 million is added to the FY 2016 Capital Year Budget to begin a phased implementation of improvements at Ft. Ward as identified in the Ft. Ward Management Plan.

- **Public Buildings ($9.4 million FY 2016 Capital Year Budget)**
  - $1.0 million is provided for continued planning and design of Fire Station 203 (Cameron Mills).
  - $0.25 million is budgeted to provide upgrades to Old Town parking garage ticketing infrastructure, including automating the City's Union Street Garage.
  - $0.15 million will provide for renovations at the City's archives facility, allowing the Archives to expand into previously vacated space. An upgrade to the facilities fire suppression system is being completed in FY 2015.
  - $50,000 is budgeted to begin space planning at the Ellen Coolidge Burke Facility.

- **Information Technology Plan ($5.6 million FY 2016 Capital Year Budget)**
  - $2.7 million is budgeted to maintain the City's network, with $2.5 million of those costs offset by Comcast revenue earmarked for network infrastructure improvements.
  - $1.75 million will support the acquisition of a new Code Department Permitting System. The total cost of the system is $4.45 million ($2.7 million budgeted in prior years) and is entirely funded with fee funded Code revenues.

Approved FY 2016 – FY 2025 Capital Improvement Program Overview

- **Sanitary Sewers and Stormwater Management ($4.4 million FY 2016 Capital Year Budget)**
  - State grant funds in the amount of $1.75 million are combined with $0.5 million in City funds to begin planning and design on a Stormwater project at the Cameron Station Pond to help meet mandated stormwater improvements. Construction is not anticipated to begin until FY 2017 or FY 2018.

- **Community Development ($3.7 million FY 2016 Capital Year Budget)**
  - Continued design and engineering for Waterfront Small Area Plan implementation projects is budgeted at $1.5 million.

- **City Council Contingency ($1.2 million FY 2016 Capital Year Budget)**
  - $0.93 million for future Transportation Commission capital project priorities. City Council will approve projects as part of a future docket item before funding is released.
  - $0.25 million for the Maury Schoolyard Initiative, being coordinated by ACPS. Release of funds by City Council is contingent on School Board approval of a comprehensive plan for the project and the negotiation of a Memorandum of Understanding (MOU) with Recreation, Parks and Cultural Activities (RPCA), if a more specific MOU than the standard current City/ACPS agreement is required. City Council will approve as part of a future docket item before funding is released.

- **Other Regional Contributions ($0.8 million FY 2016 Capital Year Budget)**
  - $0.38 million in capital improvements for the Northern Virginia Regional Parks Authority (NVRPA) and $0.34 million in capital improvements at the Northern Virginia Community College (NVCC) are included in the City Manager's Proposed CIP.

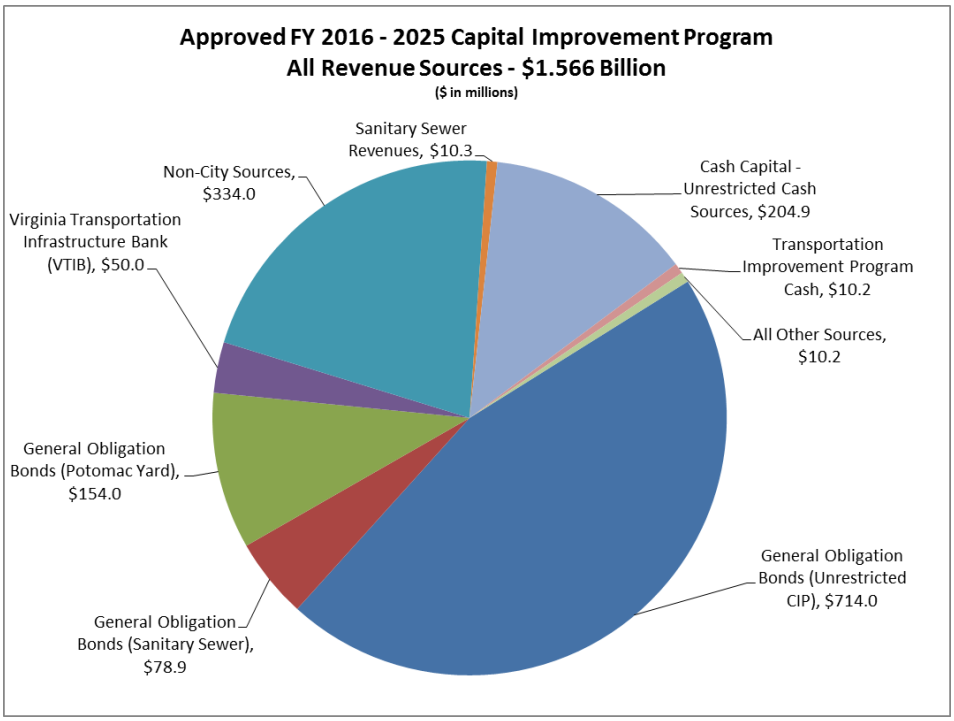
Approved FY 2016 – FY 2025 Capital Improvement Program Overview

FY 2016 – 2025 APPROVED CIP SOURCES AND USES

Approved FY 2016 – 2025 Capital Improvement Program – Ten-Year Sources and Uses Overview

The total Approved CIP for FY 2016 – 2025 is $1.566 billion; a $107.9 million increase over last year's approved CIP. This represents 7.4% increase over last year's plan, with the inclusion of implementation of the Waterfront Plan ($61.5 million) and an additional $58.3 million over last year's approved plan for WMATA including funding for Metro 2025. **A listing of all funding sources included in the Approved FY 2016 - 2025 CIP can be found on pages 61-68 of the full CIP document.** The narrative below provides only highlights of the 10-year plan revenues and expenditures.

Approved FY 2016 – 2025 CIP Revenue (Sources) highlights include:

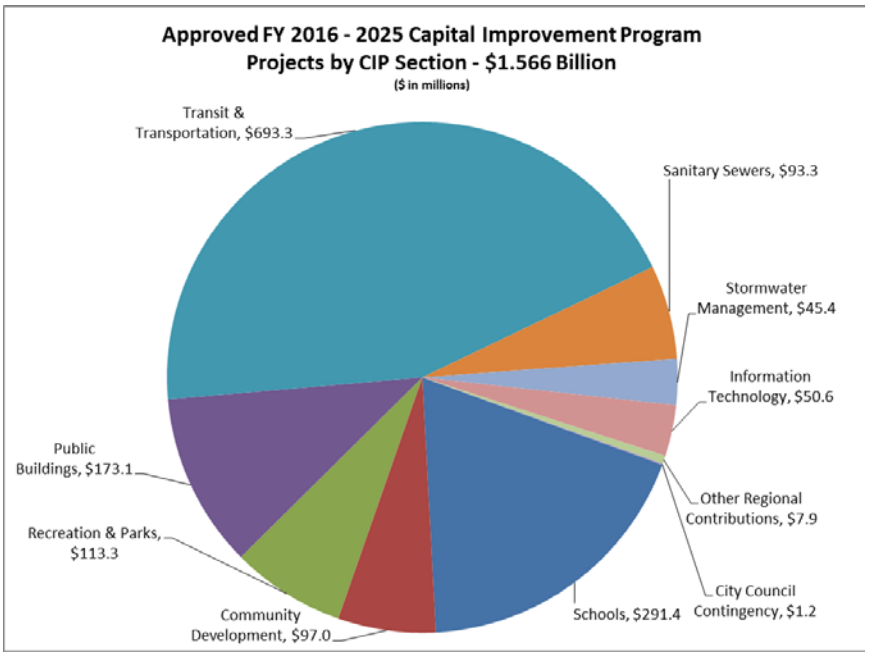


- Budgeting $50.0 million in FY 2017 for a low cost loan awarded to the City from the Virginia Transportation Infrastructure Bank (VTIB) for the Potomac Yard Metrorail Station project. The loan comes with a very favorable interest rate of 2.17%, and a flexible payment schedule.
- Continued use of Northern Virginia Transportation Authority (NVTA) for both regional (Potomac Yard Metrorail Station, Transit Corridor "C" – Beauregard) and local (DASH bus replacements). A total of $199.3 million is budgeted from NVTA sources in the FY 2016 – 2025 Approved CIP.
- The General Fund Cash Capital Transfer stays largely at the City Council approved target of 2.5% of General Fund expenditures annually. The percentage as it relates to total General Fund expenditures in FY 2016 is 2.47% and increases to 2.5% in FY 2017 through FY 2025.
- Private development contributions supporting capital infrastructure projects throughout the City totals $87.3 million.

Approved FY 2016 – FY 2025 Capital Improvement Program Overview

A listing of all projects sources included in the Approved FY 2016 - 2025 CIP can be found on pages 42-47 of the full CIP document.

Approved FY 2016 – 2025 CIP Project (Uses) highlights include:



- Continuation of the Potomac Yard Metrorail Station project, with $274.0 million budgeted in FY 2016 – 2017 (total estimated project costs including prior year funding are $285.9 million).
- Funding for Alexandria City Public Schools total $291.4 million over the life of the 10-year plan.
- Sanitary Sewer and Stormwater funding totals $138.8 million, and begins to address long-term capital infrastructure needs related to federally mandated improvements. These improvements could total up to $400 million over the next two to three decades.
- Funding to begin implementation of the Waterfront Plan totals $61.5 million in the ten-year plan. In prior year CIPs, only funding for planning and design was budgeted. The FY 2016 – 2025 CIP is the first CIP to provide a funding plan for the infrastructure improvements needed to implement the Waterfront Plan.
- WMATA capital funding increases $58.3 million, from $55.3 million in last year's plan to $113.6 million. This amount does not include $42.5 million over the ten-year plan from NVTC proceeds from state and gas tax funding which the City will use to offset the increased costs, and also does not include a substantial investment annually made directly to WMATA from the Commonwealth of Virginia. Total costs of the ten-year plan when factoring in all funding sources could total close to $200 million.

DEBT RATIOS, CASH CAPITAL, & DEBT SERVICE

The Approved FY 2016 – 2025 Capital Improvement Program assumes a substantial amount of borrowing ($997 million) to fund the capital infrastructure needs identified throughout this document. Included in that amount are $154.0 million in bonds for the Potomac Yard Metrorail Station backed by Potomac Yard Special Tax District Revenues, $50.0 million from a Virginia Transportation Infrastructure Bank loan for Potomac Yard (at a 2.17% interest rate) also backed by Potomac Yard Special Tax District Revenues, and $78.9 million in bonds for Sanitary Sewer projects backed by the Sewer Line Maintenance Fee and Sewer Line Connection Fees.

A total of $714 million in bonds are planned over the ten years for other City projects, including Alexandria City Public Schools capital infrastructure needs (borrowing comprises $253 million of future ACPS capital costs in the ten-year plan, primarily associated with school capacity and modernization projects). While the ten-year CIP includes additional borrowing, the plan also assumes the re-payment of $599.8 million in principal payments on prior year and planned bond issuances. The debt service on these bonds is paid back through the City's General Fund. Based on prior reviews by, and discussions with Moody's and Standard & Poor's bond rating agencies, this amount of debt 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.

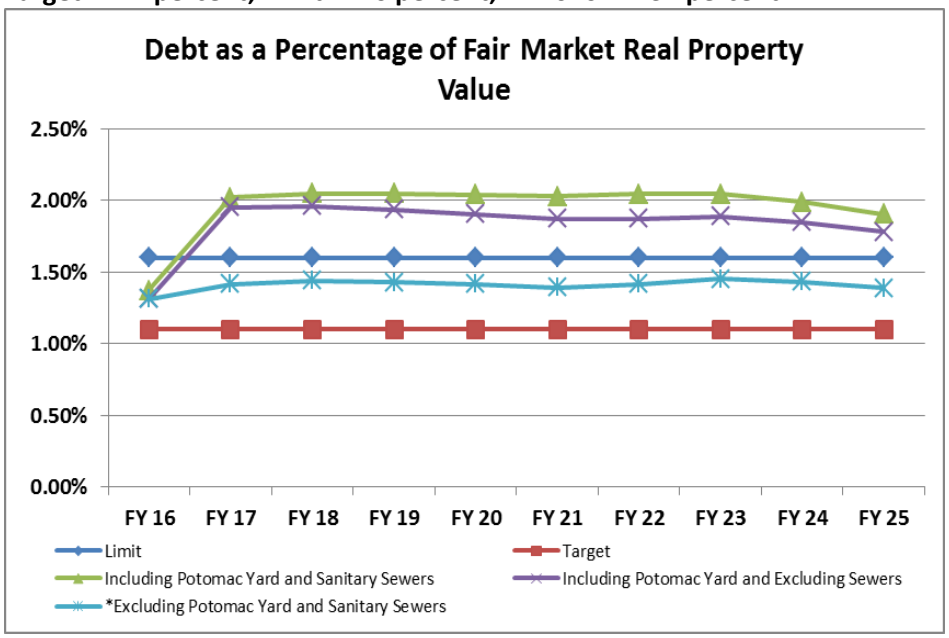
City Council reaffirmed its commitment to sound financial management and adopted the updated debt-related financial policies on December 9, 1997. City Council amended the policies on October 26, 1999, to allow priority consideration for an increase in the assignment of fund balance for capital project 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.

Each year of the 10-year plan stays within these limits <u>except as planned to account for Potomac Yard Metrorail Station borrowing.</u> Revisions to the debt ratios guideline will be proposed during CY 2015 as a result of the projected debt issuance for the planned Potomac Yard Metrorail Station. Both City Council and the bond ratings agencies have been informed for a number of years that limits would be exceeded to accommodate this project in the 10-year plan. While the Metrorail Station borrowing is significant, the resulting economic development and increase to total City assessed property values currently project a return on investment that make this a high-priority project for the City.

Approved FY 2016 – FY 2025 Capital Improvement Program Overview

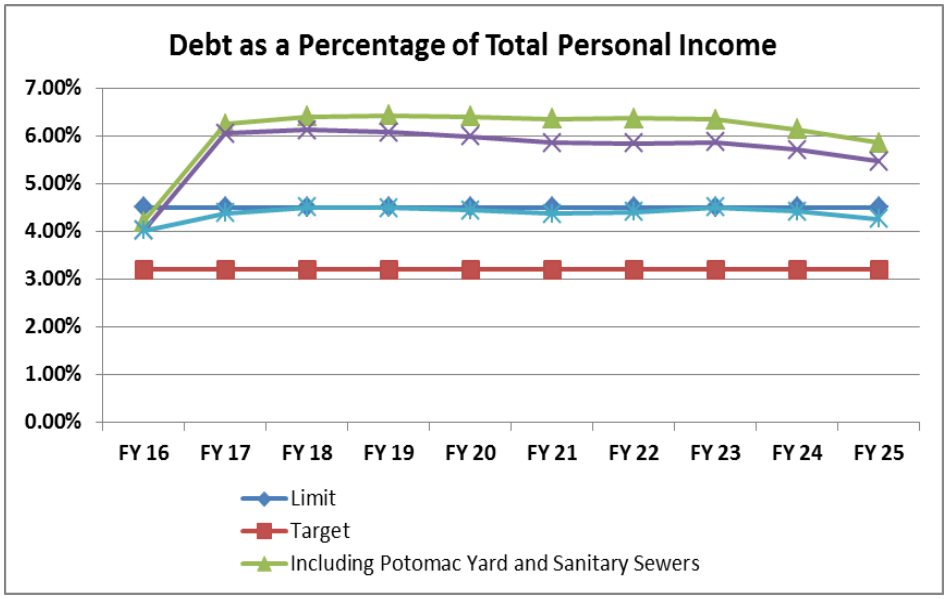
City Council Approved Debt Limits

Debt as a Percentage of Fair Market Real Property Value
Target = 1.1 percent; Limit = 1.6 percent; FY 2016 = 1.31 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 is in compliance with this debt ratio for all 10 years of the plan excluding Potomac Yard Metrorail Station debt.

Debt as a Percentage of Total Personal Income
Target = 3.2 percent; Limit = 4.5 percent; FY 2016 = 4.01 percent

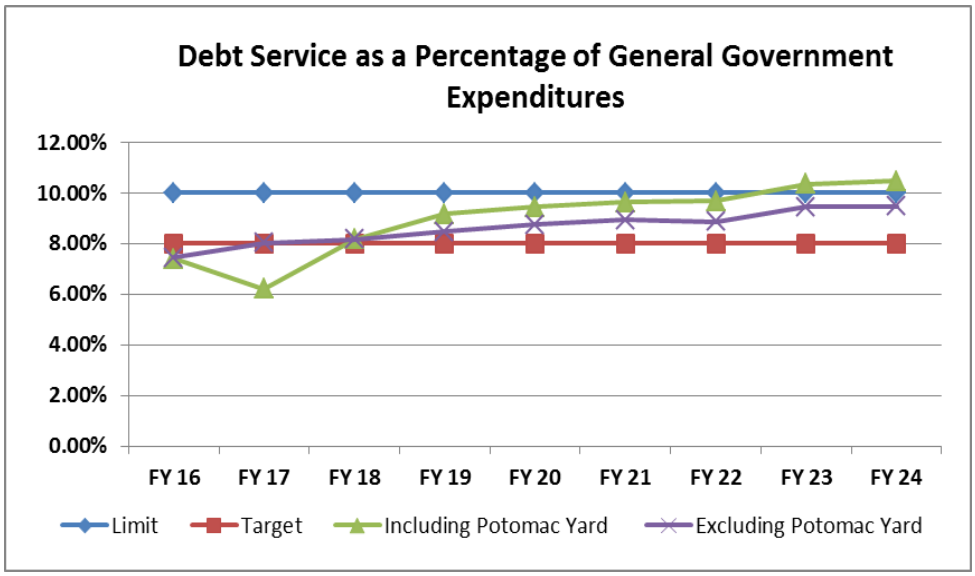


This percentage is a measure of the capacity of citizens to finance tax-supported debt. A lower percentage means that taxes required to repay debt represent a smaller portion of the average citizen's income. While the City is in compliance with this debt ratio for all 10 years of the plan excluding Potomac Yard Metrorail Station debt, it is very close to the limit in FY 2017, 2018 and FY 2023. City staff will continue to monitor this ratio to determine the most appropriate assumptions regarding the annual rate of growth in total personal income.

Approved FY 2016 – FY 2025 Capital Improvement Program Overview

City Council Approved Debt Limits (Continued)

Debt Service as a Percentage of General Government Expenditures
Target = 8.0 percent; Limit = 10.0 percent; FY 2016 = 7.41 percent



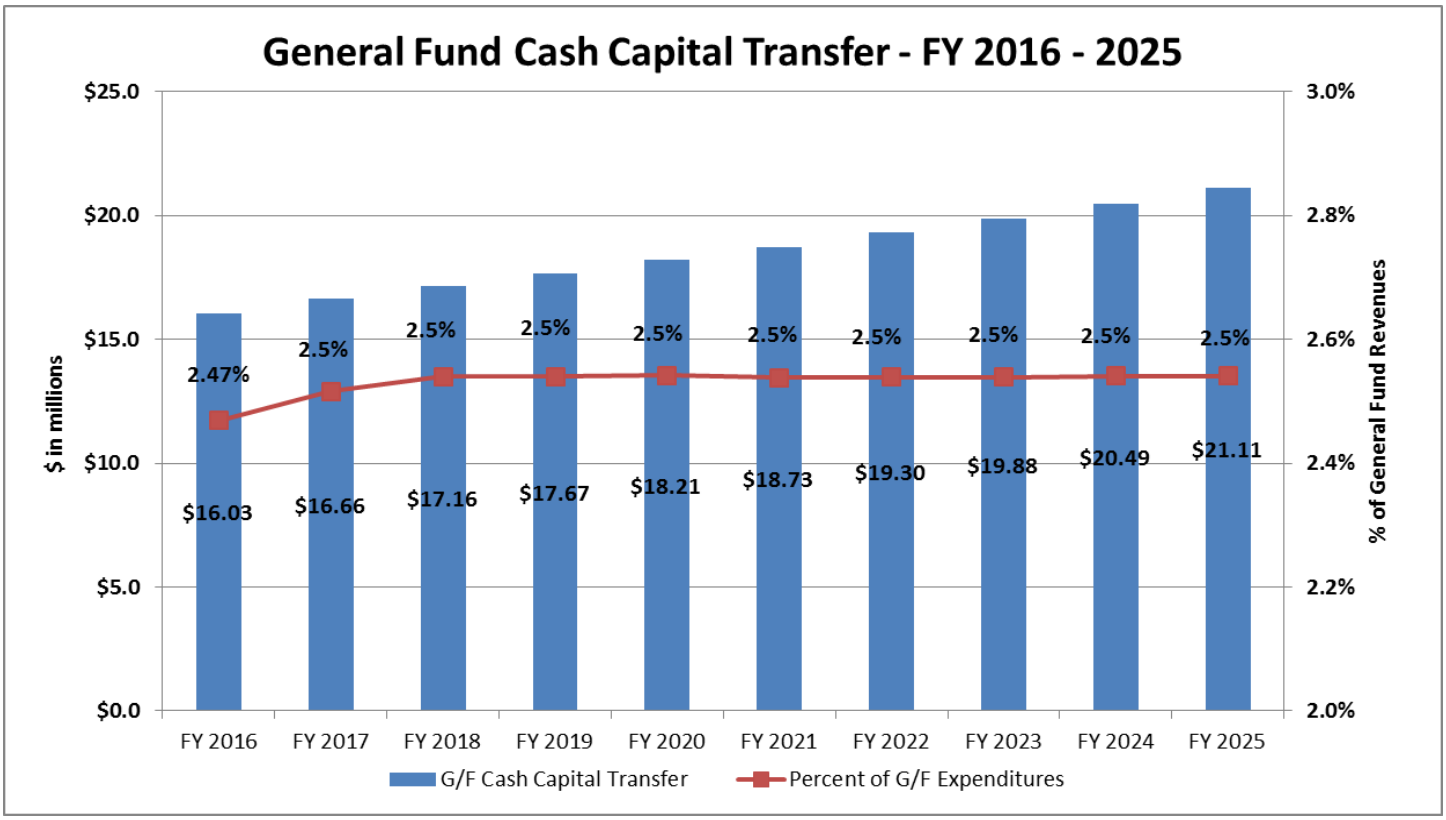
This ratio is a measure of the City's ability to repay debt without hampering other City services. A small ratio indicates a lesser burden on the City's operating budget. The City is in compliance with this debt ratio for all 10 years of the plan excluding Potomac Yard Metrorail Station debt.

Approved FY 2016 – FY 2025 Capital Improvement Program Overview

General Fund Cash Capital Transfer

As part of FY 2016 budget guidance, City Council provided City staff with 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 ensures that cash capital will be maintained at an acceptable 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.

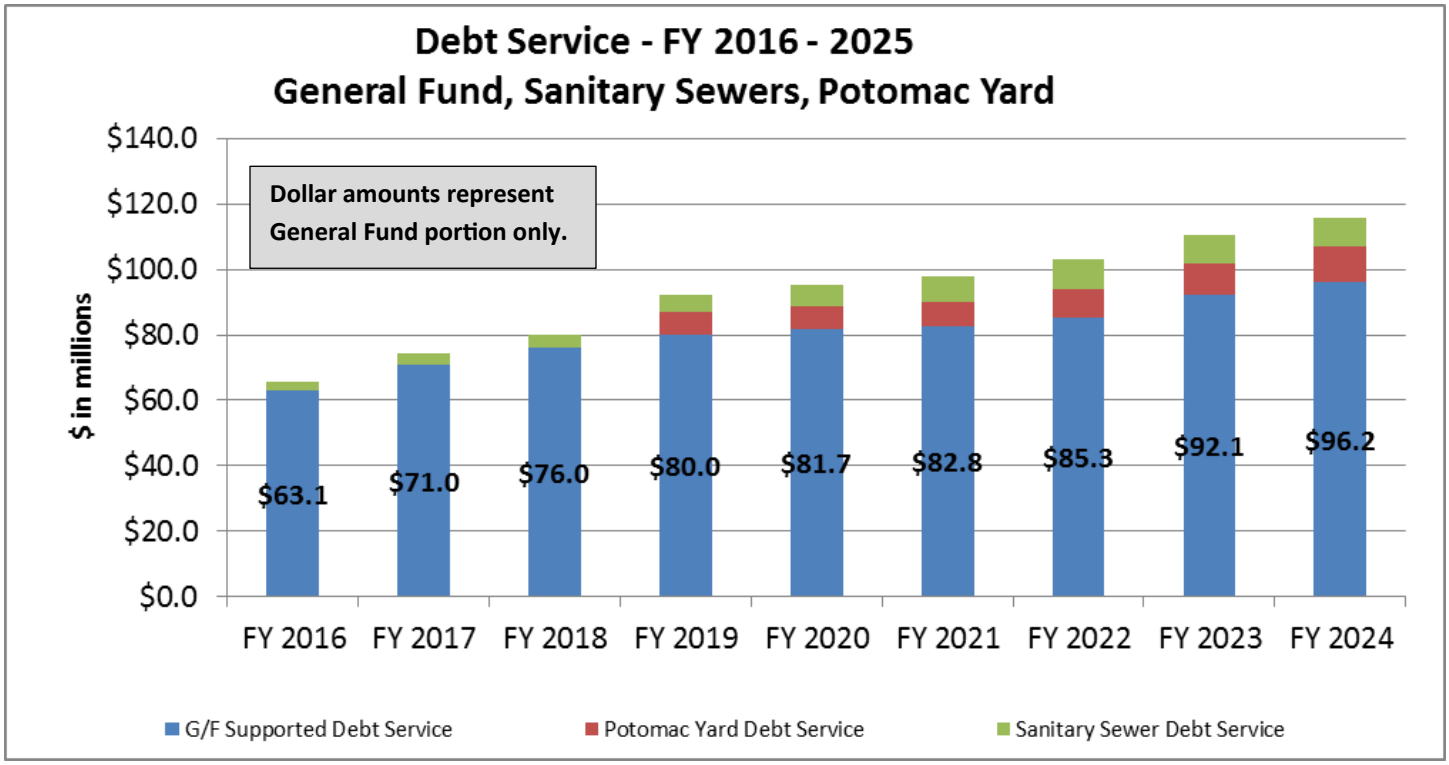
This cash capital policy will provide City staff the flexibility to develop sustainable and affordable General Fund support to the CIP through debt service paid on General Obligation Bonds and a recurring cash capital transfer supporting City Council capital infrastructure priorities in the ten-year CIP. Furthermore, this policy will tie 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 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. It is important to note that the General Fund Cash Capital Transfer is only a small portion of all cash sources used to finance the ten-year plan.



Debt Service

While the City stays within the fiscally prudent self-imposed debt guidelines for General Fund supported projects which excludes borrowing for the Potomac Yard Metrorail Station, 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 affordability of the current 10-year plan must be examined in the coming fiscal years. The chart below provides details on the projected debt service payments for both existing debt (issued through FY 2015) and planned debt (FY 2016 through FY 2025).

Debt service is broken down into three categories – General Debt Service, Sanitary Sewer Debt Service, and Potomac Yard Debt Service (which includes debt service on the VTIB loan). In FY 2016, $65.7 million is budgeted for debt service payments, an increase of $1.3 million over last year's budgeted debt service payments. Of the $65.7 million total, $2.6 million will be paid from the Sanitary Sewer Fund. Potomac Yard debt service is not projected to begin until FY 2019.



Debt Service ($ in millions)	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
G/F Supported Debt Service	$63.1	$71.0	$76.0	$80.0	$81.7	$82.8	$85.3	$92.1	$96.2	$99.9
Potomac Yard Debt Service	$0.0	$0.0	$0.0	$7.0	$7.0	$7.0	$8.9	$9.6	$10.9	$13.8
Sanitary Sewer Debt Service	$2.6	$3.1	$4.1	$5.3	$6.6	$8.1	$9.1	$8.9	$8.5	$8.1
Total Debt Service	**$65.7**	**$74.1**	**$80.1**	**$92.3**	**$95.4**	**$98.0**	**$103.2**	**$110.5**	**$115.5**	**$121.8**
Total/$ Change Over Prior Year		$8.5	$5.9	$12.3	$3.0	$2.6	$5.2	$7.3	$5.0	$6.2
Total/% Change Over Prior Year		12.9%	8.0%	15.3%	3.3%	2.7%	5.3%	7.1%	4.5%	5.4%

Approved FY 2016 – FY 2025 Capital Improvement Program Overview

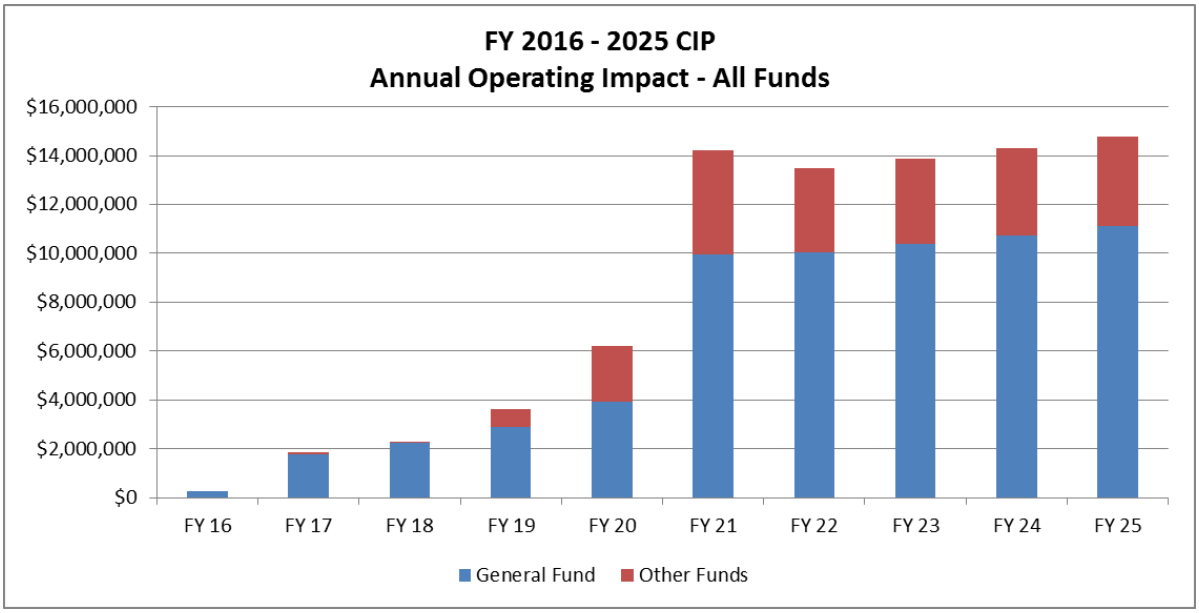
ADDITIONAL OPERATING IMPACT

Project	Funding Source	FY 2016
Voice Over Internet Protocol (VoIP)	General Fund	$ 30,000
HIPAA & Related Health Information Technologies	General Fund	$ 20,500
Braddock Area Plan Interim Park	General Fund	$ 15,000
Computer Aided Dispatch (CAD) System Replacement	General Fund	$ 527,109
*Fire Station 210 (Eisenhower Valley)	General Fund	$ 199,050
Old Town Parking Garage Ticketing Modernization - Savings from Automating Union St Garage	General Fund	$ (113,000)
Street Reconstruction & Resurfacing of Major Roads - Savings due to increased Resurfacing funding in CIP.	General Fund	$ (404,207)
Total, FY 2016 Operating Impact		$ 274,452

*Fire Station 210 will be completed in FY 2015 and no longer appears in the CIP.

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. The chart to the right provides a summary of all the additional operating impacts that were included as part of the FY 2016 operating budget. In all cases, these were projects previously funded by City Council. In cases like the Fire Station 210 (Eisenhower Valley)/Impound Lot project, the majority of additional operating costs (new positions to staff the new station) have already been included in prior year budgets.

As part of the Approved FY 2016 – 2025 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 impact to the General Fund (with Stormwater costs included) could be as much as $11.2 million in additional General Fund resources needed in FY 2025. **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.



STRATEGIC PLAN

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Alexandria's Strategic Planning Process

Projects within the Capital Improvement Plan (CIP) align with two strategic planning documents used by the City of Alexandria: the City Strategic Plan and FY 2016 Budget Guidance. An explanation about how these documents guide the CIP process is provided below.

Each CIP project is cross-referenced to these documents in the box entitled "City's Strategic Plan & Budget Guidance" included with each project summary. Projects are linked the most relevant Strategic Plan Goals as well as Performance Plan Focus Areas, with long-term and intermediate outcomes noted. The sections below provide more information on these two documents, and provide a summary of how all CIP projects align with both plans.

City of Alexandria Strategic Plan

In 2010, the City of Alexandria adopted a new Strategic Plan to replace the original adopted in 2004 and amended in 2006. The Strategic Plan provides a roadmap for the City's future, and includes seven goals. Each goal is intended to support the larger vision for the City and to point the way of progress toward that vision. In addition, through the FY 2016 budget development process, City departments worked with staff from the Office of Performance & Accountability (OPA) to derive long-term and intermediate outcomes which support the goals of the Strategic Plan. These goals, along with the associated outcomes, were incorporated into the Approved FY 2016 – 2025 CIP development process, providing City staff the framework to allocate resources to meet the goals of the Strategic Plan.

The goals of the City's Strategic Plan, along with long-term outcomes that are associated with capital projects throughout the document are included below:

GOALS:

Goal 1: Alexandria has quality development and redevelopment, support for local businesses, and a strong, diverse, and growing local economy.

Goal 2: Alexandria respects, protects and enhances the health of its citizens and the quality of its natural environment.

Goal 3: A multimodal transportation network that supports sustainable land use and provides internal mobility and regional connectivity for Alexandrians.

Goal 4: The City of Alexandria is a community that supports and enhances the well-being, success and achievement of children, youth and families.

Goal 5: Alexandria is financially sustainable, efficient, community oriented and values its employees.

Goal 6: The City protects the safety and security of its residents, businesses, employees, and visitors.

Goal 7: Alexandria is a caring and inclusive community that values its rich diversity, history and culture, and promotes affordability.

FY 2016 Budget Guidance

The FY 2016 Budget Guidance defined the performance expectations for the City Government and outlined the strategy to achieve the City's Strategic Plan and delivered results that the community values. It assisted departments, programs, and employees better understand how their work contributes to achieving a shared vision for the City, and informed decision makers when determining where to invest City resources. The plan is crucial for aligning work with the City's Strategic Plan.

The Budget Guidance is organized around Focus Areas, each with a clear, distinct mission and led by a Deputy City Manager. The four Focus Areas identify 26 Long Term Outcomes that illustrate what success looks like in the community and approximately 300 Intermediate Outcomes that show how City programs help to achieve that success. Both sets of outcomes are associated with performance measures that tell the community if the City is making progress towards the defined community vision. City departments have demonstrated how their programs and services connect to these important outcomes through logic models depicted in Department Work Plans.

The Focus Areas, along with long-term and intermediate outcomes that are associated with capital projects throughout the document are included below:

Accountable, Effective, & Well-Managed Government

Accountable Government – The City government is accountable for the programs and services provided to the community

- Ensure government is accountable to the community

Effective Government – The City government pursues the City's vision effectively

- Achieve results that the community values

Well-Managed Government – The City government manages public and private resources effectively

- Ensure the fiscal strength of the City government

Healthy & Thriving Residents

Healthy Residents – All residents experience good physical, mental, social and spiritual health

- Improve City residents' overall health
- Reduce City residents' incidents of preventable diseases

Thriving Residents – All residents have meaningful and fulfilling lives

- Reduce food insecurity and homelessness among City residents
- Increase self-sufficiency and meaningful quality of life for the City's most vulnerable adults
- Eliminate abuse and neglect in the community
- Ensure the educational and developmental attainment of all residents
- Improve the quality of residents' leisure time
- Ensure all children and youth thrive and succeed

Livable, Green, and Prospering City

Livable City – The City and its neighborhoods are amenity-rich, inclusive, diverse, well-functioning, and attractive while preserving our unique history

- Promote neighborhoods that are amenity-rich
- Promote neighborhoods that are inclusive and diverse
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Green City – The City's natural and built environment is healthy

- Improve the City's air quality
- Improve the health of City waterways
- Sustain the natural quality of land within the City

Prospering City – The City has a strong local economy

- Increase the value of the real estate tax base
- Increase the economic benefits of tourism to the City
- Ensure Alexandria supports, retains, and attracts businesses
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy

Safe, Secure and Just Community

Safe and Secure Community – All community members, visitors, employees, and their property, are protected from harm

- Reduce harm to people and property from fire
- Reduce crime
- Increase survivability from medical emergencies and traumatic injuries
- Reduce harm to people or property from disasters
- Reduce harm to people or property from building failures

Just Community – All community members, visitors, and employees receive just treatment

- Ensure all community members are treated justly and protected under the law

Approved FY 2016 – 2025 Capital Improvement Program by Strategic Plan Goal

The pie chart shows the distribution of capital projects by Strategic Plan Goal over the ten-year plan. The Approved FY 2016 -2025 CIP totals $1.566 billion.

In reviewing the pie chart, it is important to note that while the Potomac Yard Metrorail Station appears in the Transportation – Public Transit section of the document it is most closely aligned with Strategic Plan Goal 1 – Economic Development.

All Alexandria City Public Schools (ACPS) projects are grouped in Goal 4 – Children, Youth and Families.

For the purposes of the summary of projects on the next page, a Primary Strategic Plan Goal has been identified and is grouped as such on the summary pages that follow.

Table 1
Approved FY 2016 – 2025 Capital Improvement Program
Capital Improvement Program Projects by Strategic Plan Goal

Strategic Plan Goal	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Goal 1 - Economic Development	7,831,000	272,758,000	6,555,000	7,951,000	6,337,000	6,926,000	15,475,000	9,405,000	1,715,000	12,805,000	347,758,000
Goal 2- Health & Environment	8,775,652	24,470,652	43,827,652	28,339,652	31,545,257	32,866,652	26,114,652	15,364,652	18,464,652	18,224,652	247,994,125
Goal 3 - Transportation	31,421,729	46,663,063	60,568,063	80,384,250	48,589,372	32,930,000	26,205,000	27,180,000	43,880,000	22,030,000	419,851,477
Goal 4 - Children, Youth, & Families	45,566,520	32,816,825	34,005,644	32,389,500	15,418,395	15,547,329	23,451,302	37,555,315	37,959,369	29,563,462	304,273,662
Goal 5 - Financial Sustainability	9,155,000	8,677,000	8,472,240	6,780,000	10,930,000	18,415,000	41,540,000	10,317,000	7,020,000	7,350,000	128,656,240
Goal 6 - Public Safety	10,551,085	10,351,506	6,594,000	6,728,000	24,601,000	11,444,000	7,355,000	14,923,000	13,063,000	3,273,000	108,883,591
Goal 7 - Caring Community	510,000	610,000	917,500	667,500	1,562,500	667,500	667,500	917,500	1,867,500	667,500	9,055,000
Total Approved FY 2016 - 2025 CIP	113,810,986	396,347,046	160,940,099	163,239,902	138,983,524	118,796,481	140,808,454	115,662,467	123,969,521	93,913,614	1,566,472,095

Goal 1: Alexandria has quality development and redevelopment, support for local businesses, and a strong, diverse, and growing local economy.

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

Strategic Plan Goal/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Goal 1 - Economic Development											
Community Development											
Braddock Road Area Plan - Streetscape Improvements	204,000	0	0	0	45,000	45,000	45,000	45,000	45,000	45,000	474,000
City Marina Waterfront Dredging	0	0	0	0	0	500,000	4,000,000	0	0	0	4,500,000
King Street Plan Implementation	0	0	150,000	250,000	250,000	250,000	0	0	0	0	900,000
Transportation Signage & Wayfinding System	0	200,000	515,000	361,000	432,000	241,000	0	0	0	0	1,749,000
Waterfront Small Area Plan Implementation (w/ Construction Funding)	1,500,000	760,000	5,800,000	7,250,000	5,520,000	5,800,000	11,340,000	9,270,000	1,580,000	12,670,000	61,490,000
IT Plan											
Permit Processing	1,750,000	0	0	0	0	0	0	0	0	0	1,750,000
Public Buildings											
Gadsby's Tavern Restaurant Kitchen Equipment	0	245,000	0	0	0	0	0	0	0	0	245,000
Recreation & Parks											
City Marina Maintenance	190,000	340,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	1,250,000
City Marina Utility Upgrades	187,000	1,063,000	0	0	0	0	0	0	0	0	1,250,000
Transportation											
Parking Study	0	150,000	0	0	0	0	0	0	0	0	150,000
Potomac Yard Metrorail Station	4,000,000	270,000,000	0	0	0	0	0	0	0	0	274,000,000
Goal 1 - Economic Development Total	7,831,000	272,758,000	6,555,000	7,951,000	6,337,000	6,926,000	15,475,000	9,405,000	1,715,000	12,805,000	347,758,000

Goal 2: Alexandria respects, protects and enhances the health of its citizens and the quality of its natural environment.

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

Strategic Plan Goal/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Goal 2- Health & Environment											
Community Development											
Environmental Restoration	0	150,000	0	150,000	0	150,000	0	150,000	0	150,000	750,000
Four Mile Run Stream Restoration	0	0	0	0	0	0	0	0	0	0	0
Oronoco Outfall	300,000	0	0	0	0	0	0	0	0	0	300,000
IT Plan											
HIPAA & Related Health Information Technologies	53,000	25,000	25,000	25,000	50,000	25,000	25,000	25,000	25,000	50,000	328,000
Other Regional Contributions											
Northern Virginia Regional Park Authority (NVRPA)	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	3,826,520
Public Buildings											
Energy Management Program	0	650,000	455,000	495,000	550,000	550,000	650,000	750,000	850,000	635,000	5,585,000
Mental Health Residential Facilities CFMP	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Recreation & Parks											
Americans with Disabilities Act (ADA) Requirements	450,000	250,000	250,000	250,000	250,000	100,000	100,000	100,000	100,000	100,000	1,950,000
Athletic Field Improvements (incl. Synthetic Turf)	0	1,610,000	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,110,000
Athletic Field Restroom Renovations	370,000	370,000	350,000	0	0	0	0	0	0	0	1,090,000
Ball Court Renovations	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Braddock Area Plan Park	0	0	0	0	703,605	0	0	0	0	0	703,605
Chinquapin Aquatics Center	0	4,500,000	17,850,000	0	0	0	0	0	0	0	22,350,000
Citywide Parks Improvements Plan	0	350,000	468,000	0	0	0	0	0	0	0	818,000
Fort Ward Management Plan Implementation	200,000	275,000	0	400,000	0	170,000	0	150,000	0	200,000	1,395,000
Open Space Acquisition and Develop.	0	1,500,000	2,000,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	21,000,000
Park Renovations CFMP	270,000	270,000	416,000	416,000	416,000	416,000	416,000	416,000	416,000	416,000	3,868,000
Playground Renovations CFMP	912,000	475,000	522,000	570,000	622,000	622,000	665,000	665,000	665,000	665,000	6,383,000
Public Pools	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	520,000
Recreation Centers CFMP	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	7,000,000
Renovation and Proactive Capital Management of Urban Forest	0	0	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,100,000
Restaurant Depot Contribution Projects	0	0	0	0	0	0	0	0	0	0	0
Soft Surface Trails	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	1,200,000
Tree & Shrub Capital Maintenance	226,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	3,160,000
Warwick Pool Renovation	0	2,150,000	0	0	0	0	0	0	0	0	2,150,000
Water Management & Irrigation	0	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	1,152,000
Waterfront Parks CFMP	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Sanitary Sewers											
AlexRenew Wastewater Treatment Plant Capacity	0	0	0	0	11,070,000	11,400,000	11,750,000	0	0	0	34,220,000
Citywide Sewershed Infiltration & Inflow	0	3,000,000	2,375,000	3,075,000	2,850,000	4,000,000	0	0	0	0	15,300,000
Combined Sewer Overflow 001 Planning	0	0	0	0	0	0	0	0	0	0	0
Combined Sewer Separation Projects	0	400,000	600,000	200,000	200,000	600,000	200,000	200,000	600,000	200,000	3,200,000
Combined Sewer System (CSS) Permit Compliance	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Four Mile Run Sanitary Sewer Repair	200,000	0	0	0	0	0	0	0	0	0	200,000
Holmes Run Trunk Sewer	0	0	0	0	0	0	0	0	0	0	0
Reconstructions & Extensions of Sanitary Sewers	500,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	8,600,000
Sewer Assessment & Rehabilitation	0	0	0	3,700,000	2,550,000	2,550,000	0	0	0	0	8,800,000
Wet Weather Management Facility	0	2,250,000	8,750,000	9,000,000	0	0	0	0	0	0	20,000,000

Goal 2: Alexandria respects, protects and enhances the health of its citizens and the quality of its natural environment.

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

Strategic Plan Goal/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Stormwater Management											
Cameron Station Pond Retrofit	2,250,000	625,000	625,000	0	0	0	0	0	0	0	3,500,000
City Facilities Stormwater Best Management Practices (BMPs)	0	412,000	1,133,000	0	0	0	0	0	0	0	1,545,000
Four Mile Run Channel Maintenance	0	0	600,000	0	0	0	0	600,000	0	0	1,200,000
Ft. Ward Stormwater	0	0	0	0	0	0	0	0	0	0	0
Green Infrastructure in CSO Areas	500,000	0	0	0	0	0	0	0	0	0	500,000
Lake Cook Stormwater Management	0	0	0	0	0	0	0	0	0	0	0
MS4-TMDL Compliance Water Quality Imprv.	0	400,000	500,000	500,000	3,000,000	3,000,000	3,500,000	3,500,000	7,000,000	7,000,000	28,400,000
NPDES / MS4 Permit	0	0	0	0	0	0	0	0	0	0	0
Storm Sewer Capacity Assessment	0	0	0	0	475,000	475,000	0	0	0	0	950,000
Storm Sewer System Spot Improvements	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Stormwater Utility Study	640,000	0	0	0	0	0	0	0	0	0	640,000
Stream & Channel Maintenance	0	1,250,000	850,000	1,200,000	450,000	450,000	450,000	450,000	450,000	450,000	6,000,000
Goal 2- Health & Environment Total	8,775,652	24,470,652	43,827,652	28,339,652	31,545,257	32,866,652	26,114,652	15,364,652	18,464,652	18,224,652	247,994,125

Goal 3: A multimodal transportation network that supports sustainable land use and provides internal mobility and regional connectivity for Alexandrians.

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

Strategic Plan Goal/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Goal 3 - Transportation											
Transportation											
Access to Transit	0	0	0	0	0	0	0	0	0	0	0
Backlick Run Multi-Use Paths	0	0	0	200,000	1,910,000	0	0	0	0	0	2,110,000
Bicycle Parking at Metro Stations	50,000	500,000	0	100,000	100,000	0	0	0	0	0	750,000
BRAC Neighborhood Protection Plan	0	0	0	0	0	0	0	0	0	0	0
Bridge Repairs	0	300,000	700,000	300,000	700,000	300,000	700,000	300,000	700,000	300,000	4,300,000
Bus Shelters and Benches	0	0	270,000	0	0	600,000	0	0	0	0	870,000
Cameron & Prince Bicycle & Pedestrian Facilities	300,000	0	0	0	0	0	0	0	0	0	300,000
Capital Bikeshare	0	500,000	693,063	264,250	320,000	350,000	0	0	0	0	2,127,313
Citywide Transportation Management System (SCOOT/TDi)	0	0	0	0	0	0	0	0	0	0	0
Complete Streets	641,000	830,000	830,000	1,170,000	830,000	830,000	830,000	830,000	830,000	830,000	8,451,000
DASH Bus Fleet Replacements	3,910,000	3,900,000	3,900,000	4,050,000	4,050,000	2,800,000	3,375,000	2,100,000	2,800,000	2,100,000	32,985,000
DASH NEPP Implementation	0	0	0	0	450,000	750,000	0	0	0	0	1,200,000
DASH Real Time Bus Information System	0	0	0	0	0	0	0	0	0	0	0
Duke Street Reconstruction	1,200,000	0	0	0	0	0	0	0	0	0	1,200,000
East Glebe & Route 1	0	0	0	3,000,000	0	0	0	0	0	0	3,000,000
Edsall and South Pickett Pedestrian Imprv.	325,000	0	0	0	0	0	0	0	0	0	325,000
Eisenhower Avenue Roadway Improvements	0	0	0	0	0	0	0	0	0	0	0
Fixed Transportation Equipment	850,000	850,000	1,450,000	850,000	850,000	850,000	850,000	2,350,000	850,000	850,000	10,600,000
High Street Construction	0	0	0	0	0	0	0	500,000	0	0	500,000
Holmes Run Greenway	0	0	0	0	0	0	0	0	0	0	0
Hybrid Bus and Trolley Battery Pack Replacement	100,000	150,000	250,000	300,000	350,000	350,000	400,000	500,000	550,000	450,000	3,400,000
Intelligent Transportation Systems (ITS) Integration	0	1,918,063	0	0	0	0	0	0	0	0	1,918,063
King & Beauregard Intersection Improvements	0	0	0	0	0	0	0	0	0	0	0
King Street Metrorail Station Area Improvements	3,700,000	0	0	0	0	0	0	0	0	0	3,700,000
King/Quaker Lane/Braddock Rd. Intersection	381,500	0	0	0	0	0	0	0	0	0	381,500
Landmark Transit Station	0	0	0	0	0	0	0	600,000	5,400,000	0	6,000,000
Madison & Montgomery Reconstruction	0	0	0	0	0	0	0	0	0	0	0
Mt. Vernon Trail @ East Abingdon	100,000	0	0	0	0	0	0	0	0	0	100,000
Old Cameron Run Trail	100,000	0	2,095,000	0	0	0	0	0	0	0	2,195,000
Parking Technologies	0	0	110,000	200,000	0	500,000	0	0	0	0	810,000
Pedestrian & Bicycle Master Plan Update	0	0	0	0	0	0	0	0	0	0	0
Route 1 @ E. Reed Intersection Improvements	0	0	0	0	0	0	0	0	0	0	0
Route 1 Transitway (NEPP)	0	0	0	500,000	500,000	500,000	0	0	0	0	1,500,000
Safe Routes to Schools	0	0	0	0	0	0	0	0	0	0	0
Seminary Road at Beauregard Street Ellipse	0	0	3,500,000	16,200,000	16,700,000	0	0	0	0	0	36,400,000
Shared-Use Paths	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Sidewalk Capital Maintenance	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
South Eisenhower Metrorail Station - South Entrance	1,574,229	0	0	0	0	0	0	0	0	0	1,574,229
Street Reconstruction & Resurfacing of Major Roads	5,600,000	5,300,000	5,300,000	5,500,000	5,500,000	5,500,000	5,500,000	5,300,000	5,300,000	5,300,000	54,100,000
Traffic Control Upgrade	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Transit Corridor "A" - Crystal City/Potomac Yard Streetcars	0	0	0	0	0	3,000,000	0	0	0	0	3,000,000
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	0	0	0	0	210,000	0	2,100,000	2,000,000	15,000,000	0	19,310,000
Transit Corridor "C" - Beauregard	2,400,000	22,340,000	32,100,000	32,500,000	0	0	0	0	0	0	89,340,000

Goal 3: A multimodal transportation network that supports sustainable land use and provides internal mobility and regional connectivity for Alexandrians.

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

Strategic Plan Goal/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Transit Corridor "C" Transit Priority	0	0	0	0	0	0	0	0	0	0	0
Transportation Master Plan Update	0	0	500,000	0	0	0	0	0	0	0	500,000
Transportation Technologies	250,000	175,000	0	0	250,000	0	250,000	0	250,000	0	1,175,000
Van Dorn Metro Multimodal Bridge	0	0	0	0	0	0	0	500,000	0	0	500,000
Van Dorn Metrorail Station Area Imprv.	0	1,500,000	670,000	0	0	0	0	0	0	0	2,170,000
Van Dorn/Beauregard Bicycle Facilities	0	0	0	250,000	1,269,372	0	0	0	0	0	1,519,372
Wilkes Street Bikeway	0	0	0	0	0	0	0	0	0	0	0
WMATA Capital Contributions	8,310,000	7,700,000	7,500,000	14,300,000	13,900,000	15,900,000	11,500,000	11,500,000	11,500,000	11,500,000	113,610,000
Route 1 Transitway - Metroway Construction	0	0	0	0	0	0	0	0	0	0	0
City Council Contingency											
Future Transportation Commission Priorities	930,000	0	0	0	0	0	0	0	0	0	930,000
Goal 3 - Transportation Total	31,421,729	46,663,063	60,568,063	80,384,250	48,589,372	32,930,000	26,205,000	27,180,000	43,880,000	22,030,000	419,851,477

Goal 4: The City of Alexandria is a community that supports and enhances the well-being, success and achievement of children, youth and families.

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

Strategic Plan Goal/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Goal 4 - Children, Youth, & Families											
ACPS											
ACPS Total Funding	38,808,279	32,000,000	32,500,000	31,900,000	14,875,000	15,000,000	22,900,000	37,000,000	37,400,000	29,000,000	291,383,279
Other Regional Contributions											
Northern Virginia Community College (NVCC)	340,241	381,825	385,644	389,500	393,395	397,329	401,302	405,315	409,369	413,462	3,917,383
Public Buildings											
Beatley Building Envelope Restoration	0	150,000	1,020,000	0	0	0	0	0	0	0	1,170,000
Ellen Coolidge Burke Facility Space Planning	50,000	0	0	0	0	0	0	0	0	0	50,000
Library CFMP	175,000	285,000	100,000	100,000	150,000	150,000	150,000	150,000	150,000	150,000	1,560,000
Recreation & Parks											
Patrick Henry Recreation Center	5,943,000	0	0	0	0	0	0	0	0	0	5,943,000
City Council Contingency											
Maury Schoolyard Initiative	250,000	0	0	0	0	0	0	0	0	0	250,000
Goal 4 - Children, Youth, & Families Total	45,566,520	32,816,825	34,005,644	32,389,500	15,418,395	15,547,329	23,451,302	37,555,315	37,959,369	29,563,462	304,273,662

Goal 5: Alexandria is financially sustainable, efficient, community oriented and values its employees.

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

Strategic Plan Goal/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Goal 5 - Financial Sustainability											
Community Development											
Gadsby Lighting Fixtures & Poles Replacement	150,000	150,000	0	75,000	0	75,000	0	75,000	0	75,000	600,000
IT Plan											
AJIS Enhancements	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	600,000
Business Tax System/Reciprocity Contractor System	0	0	90,000	0	0	0	100,000	382,000	0	0	572,000
Connectivity Initiatives	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	4,500,000
Customer Relationship Management System	0	200,000	500,000	50,000	25,000	25,000	100,000	25,000	25,000	25,000	975,000
Database Infrastructure	40,000	40,000	40,000	40,000	40,000	40,000	0	0	0	0	240,000
Document Imaging	50,000	0	0	0	0	0	0	0	0	0	50,000
Electronic Government	0	285,000	0	0	0	0	0	0	0	0	285,000
Employee Pension Administration System	0	0	300,000	50,000	0	0	0	175,000	25,000	0	550,000
Enterprise Collaboration (Including AlexStat Hardware & Software)	40,000	40,000	40,000	40,000	40,000	0	0	0	0	0	200,000
Enterprise Data Storage Infrastructure	200,000	400,000	400,000	200,000	200,000	0	0	0	0	0	1,400,000
Enterprise Maintenance Mgmt System	100,000	130,000	100,000	40,000	40,000	40,000	0	0	0	0	450,000
Enterprise Resource Planning System	130,000	100,000	100,000	100,000	100,000	0	0	0	0	0	530,000
GIS Development	0	80,000	100,000	0	100,000	50,000	200,000	0	0	0	530,000
Information Technology Equipment Replacement	300,000	200,000	400,000	620,000	620,000	0	0	0	0	0	2,140,000
Information Technology Lump Sum Funding	0	0	0	0	250,000	3,550,000	4,000,000	4,000,000	4,000,000	4,000,000	19,800,000
IT Enterprise Management System	50,000	150,000	20,000	20,000	100,000	0	0	0	0	0	340,000
LAN Development	65,000	15,000	25,000	25,000	25,000	0	0	0	0	0	155,000
LAN/WAN Infrastructure	560,000	360,000	360,000	360,000	260,000	0	0	0	0	0	1,900,000
Library Public Access Computers and Print Mgmt System	0	100,000	0	0	0	0	85,000	0	0	0	185,000
Migration of Integrated Library System to SAAS Platform	42,000	27,000	30,240	0	0	0	0	0	0	0	99,240
Municipal Fiber	0	0	0	0	0	0	0	0	0	0	0
Network Security	325,000	225,000	225,000	225,000	225,000	0	0	0	0	0	1,225,000
Network Server Infrastructure	300,000	400,000	175,000	175,000	500,000	0	0	0	0	0	1,550,000
Personal Property Tax System	0	0	90,000	460,000	0	0	0	0	60,000	280,000	890,000
Phone, Web, Portable Device Payment Portals	160,000	640,000	0	0	340,000	0	0	0	0	160,000	1,300,000
Project Management Software	185,000	0	0	0	0	0	0	0	0	0	185,000
Real Estate Account Receivable System	325,000	60,000	0	0	0	0	120,000	0	0	0	505,000
Real Estate Assessment System (CAMA)	0	0	0	40,000	620,000	210,000	0	0	0	0	870,000
Remote Access	0	250,000	150,000	150,000	150,000	75,000	75,000	0	0	0	850,000
Upgrade Work Station Operating Systems	150,000	175,000	200,000	200,000	200,000	0	0	0	0	0	925,000
Voice Over Internet Protocol (VoIP)	250,000	150,000	350,000	150,000	150,000	0	0	0	0	0	1,050,000
Data Center Relocation	0	0	0	0	0	0	0	0	0	0	0
Public Buildings											
Adult Detention Center HVAC Replacement	295,000	0	0	0	0	0	0	0	0	0	295,000
Building Physical Conditions Assessment	108,000	200,000	95,000	0	0	0	100,000	100,000	100,000	0	703,000
City Hall HVAC & Infrastructure Replacement	0	750,000	500,000	500,000	4,425,000	11,140,000	33,350,000	2,640,000	0	0	53,305,000
City Wide Storage Capacity Assessment	65,000	0	0	0	0	0	0	0	0	0	65,000
Courthouse Renovations - HVAC and CFMP	250,000	250,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,700,000
Elevator Replacement/Refurbishment	1,040,000	210,000	545,000	600,000	230,000	1,000,000	1,200,000	600,000	600,000	600,000	6,625,000
General Services CFMP	1,100,000	1,300,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	14,400,000
Health Dept Garage Concrete Deck & Parking Restoration	0	0	0	0	0	0	0	0	0	0	0

Goal 5: Alexandria is financially sustainable, efficient, community oriented and values its employees.

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

Strategic Plan Goal/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Market Square Plaza and Garage Structural Repairs	950,000	550,000	0	0	0	0	0	0	0	0	1,500,000
Old Town Parking Garage Ticketing Modernization	250,000	0	0	0	0	0	0	0	0	0	250,000
Roof Replacement Program	965,000	700,000	1,227,000	500,000	130,000	50,000	50,000	160,000	50,000	50,000	3,882,000
Fleet Facility - AHU Replacement	0	0	0	0	0	0	0	0	0	0	0
Recreation & Parks											
Park Maintenance Facilities	0	30,000	250,000	0	0	0	0	0	0	0	280,000
Transportation											
City Standard Construction Specifications	200,000	0	0	0	0	0	0	0	0	0	200,000
Goal 5 - Financial Sustainability Total	9,155,000	8,677,000	8,472,240	6,780,000	10,930,000	18,415,000	41,540,000	10,317,000	7,020,000	7,350,000	128,656,240

Goal 6: The City protects the safety and security of its residents, businesses, employees, and visitors.

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

Strategic Plan Goal/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Goal 6 - Public Safety											
Community Development											
Citywide Street Lighting	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Fire Department Vehicles & Apparatus	1,487,000	1,378,000	874,000	2,852,000	3,446,000	2,009,000	2,583,000	2,500,000	4,000,000	2,000,000	23,129,000
IT Plan											
Computer Aided Dispatch (CAD) System Replacement	0	635,000	315,000	1,111,000	265,000	0	0	0	0	0	2,326,000
EMS Records Management System	0	0	0	0	0	425,000	0	0	0	0	425,000
Other Regional Contributions											
Peumansend Creek Regional Jail	104,085	98,506	0	0	0	0	0	0	0	0	202,591
Public Buildings											
Animal Shelter Exterior Dog Kennels	0	258,000	0	0	0	0	0	0	0	0	258,000
City Hall Security Enhancements	0	0	0	0	0	0	0	0	0	0	0
Courthouse-General District Court Clerk's Office Payment Center	160,000	0	0	0	0	0	0	0	0	0	160,000
Emergency Generators	0	512,000	740,000	500,000	25,000	25,000	207,000	450,000	25,000	108,000	2,592,000
EOC/Public Safety Center Reuse	0	0	0	0	0	0	0	0	0	0	0
Fire Department CFMP	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	4,000,000
Fire Station 203 (Cameron Mills)	1,000,000	6,305,000	0	0	0	0	0	0	0	0	7,305,000
Fire Station 205 (Cameron Street)	0	0	0	0	0	0	3,400,000	0	7,873,000	0	11,273,000
Fire Station 206 (Seminary Rd)	0	0	0	0	0	720,000	0	10,808,000	0	0	11,528,000
Fire Station 207 (Duke Street)	0	0	3,500,000	0	14,700,000	0	0	0	0	0	18,200,000
Fire Station 211 (Beauregard)	0	0	0	1,100,000	5,000,000	7,100,000	0	0	0	0	13,200,000
Office of the Sheriff CFMP	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	4,600,000
Pistol Range	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
Police K-9 Facility Renovation	0	0	0	0	0	0	0	0	0	0	0
Vola Lawson Animal Shelter	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	300,000
Recreation & Parks											
Major Asphalt Resurfacing in Parks	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Recreation Facilities Security Review	135,000	0	0	0	0	0	0	0	0	0	135,000
Windmill Hill Park Improvements	5,000,000	0	0	0	0	0	0	0	0	0	5,000,000
Goal 6 - Public Safety Total	10,551,085	10,351,506	6,594,000	6,728,000	24,601,000	11,444,000	7,355,000	14,923,000	13,063,000	3,273,000	108,883,591

Goal 7: Alexandria is a caring and inclusive community that values its rich diversity, history and culture, and promotes affordability.

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

Strategic Plan Goal/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Goal 7 - Caring Community											
Community Development											
Public Art Acquisition	0	250,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,650,000
Public Art Conservation Program	15,000	15,000	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	210,000
IT Plan											
Replacement of City Voting Equipment	0	0	0	0	895,000	0	0	0	0	0	895,000
Public Buildings											
Archives Public Records and Archaeology Storage Expansion	150,000	0	0	0	0	0	0	0	0	0	150,000
City Historic Facilities CFMP	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	3,450,000
Gadsy's Tavern Elevator Design and Construction	0	0	0	0	0	0	0	250,000	1,200,000	0	1,450,000
Torpedo Factory Repairs	0	0	0	0	0	0	0	0	0	0	0
Torpedo Factory Space Programming Study	0	0	250,000	0	0	0	0	0	0	0	250,000
Goal 7 - Caring Community Total	510,000	610,000	917,500	667,500	1,562,500	667,500	667,500	917,500	1,867,500	667,500	9,055,000

SUMMARY EXPENDITURE TABLES

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Table 1
Approved FY 2016 – 2025 Capital Improvement Program
Total Sources and Uses of Capital Improvement Program Funds

Source of Funds	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	TOTAL FY 2016 - 2025
All City Cash Sources (Cash Capital)											
General Fund Planned Appropriations (Transfer from General Fund)	$ 16,025,541	$ 16,658,546	$ 17,156,599	$ 17,670,652	$ 18,209,547	$ 18,734,481	$ 19,300,454	$ 19,876,467	$ 20,493,521	$ 21,105,614	$ 185,231,422
Prior Year CIP/Projects Closed-Out/Available Balances (CITY)	$ 2,912,000	$ 3,000,000	$ 1,500,000	$ 1,000,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 11,412,000
General Obligation Bond Interest Earnings	$ 200,000	$ 200,000	$ 200,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 2,350,000
Sale of Property Revenue	$ 440,000	$ 1,890,000	$ 1,890,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,220,000
Other Base City Sources	$ 1,216,437	$ 216,437	$ 216,437	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,649,311
Subtotal, All Unrestricted City Cash Sources	*$ 20,793,978*	*$ 21,964,983*	*$ 20,963,036*	*$ 18,920,652*	*$ 18,959,547*	*$ 19,484,481*	*$ 20,050,454*	*$ 20,626,467*	*$ 21,243,521*	*$ 21,855,614*	*$ 204,862,733*
Unrestricted Borrowing Sources											
*General Obligation Bonds (Excl. Sewers/TIP/Potomac Yard)	$ 62,911,279	$ 61,824,000	$ 76,029,000	$ 66,365,000	$ 65,466,000	$ 63,612,000	$ 98,858,000	$ 81,736,000	$ 73,226,000	$ 64,008,000	$ 714,035,279
Subtotal, All Unrestricted City Sources	*$ 83,705,257*	*$ 83,788,983*	*$ 96,992,036*	*$ 85,285,652*	*$ 84,425,547*	*$ 83,096,481*	*$ 118,908,454*	*$ 102,362,467*	*$ 94,469,521*	*$ 85,863,614*	*$ 918,898,012*
Restricted City Sources											
Transfer from Code Enterprise Fund	$ 1,750,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,750,000
Sanitary Sewer Fees	$ 1,300,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 10,300,000
General Obligation Bonds - Sanitary Sewers	$ -	$ 5,850,000	$ 11,925,000	$ 14,325,000	$ 15,595,000	$ 17,475,000	$ 12,150,000	$ 400,000	$ 800,000	$ 400,000	$ 78,920,000
Cash Capital - Transportation Improvement Program	$ 200,000	$ 1,425,000	$ 750,000	$ 750,000	$ 750,000	$ 1,100,000	$ 500,000	$ 2,000,000	$ 1,250,000	$ 1,000,000	$ 9,725,000
Reprogrammed Transportation Improvement Program Balances	$ 150,000	$ 325,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 475,000
Reprogrammed TIP Bonds	$ 4,650,000	$ 750,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,400,000
General Obligation Bonds - Potomac Yard Metrorail Station	$ -	$ 154,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 154,000,000
Potomac Yard Special Tax District/Development Contributions	$ 3,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,000,000
Subtotal, Restricted City Sources	*$ 11,050,000*	*$ 163,350,000*	*$ 13,675,000*	*$ 16,075,000*	*$ 17,345,000*	*$ 19,575,000*	*$ 13,650,000*	*$ 3,400,000*	*$ 3,050,000*	*$ 2,400,000*	*$ 263,570,000*
Non-City Sources											
Comcast Revenues	$ 2,500,000	$ 1,475,000	$ 1,335,000	$ 675,000	$ 675,000	$ 450,000	$ 450,000	$ 450,000	$ 450,000	$ 450,000	$ 8,910,000
Virginia Transportation Infrastructure Bank (VTIB) Loan	$ -	$ 50,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 50,000,000
Stormwater Local Assistance Fund	$ 1,750,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,750,000
Land and Water Conservation Fund (LWCF) Grant	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 200,000
Private Capital Contributions	$ 381,500	$ 3,250,000	$ 18,100,000	$ 32,800,000	$ 25,403,605	$ 5,700,000	$ -	$ 1,700,000	$ -	$ -	$ 87,335,105
NVTA 70%	$ 3,400,000	$ 85,740,000	$ 20,000,000	$ 20,000,000	$ 210,000	$ 3,000,000	$ 2,100,000	$ 2,600,000	$ 20,400,000	$ -	$ 157,450,000
NVTA 30%	$ 4,150,000	$ 4,325,000	$ 5,000,000	$ 5,050,000	$ 4,875,000	$ 2,775,000	$ 4,200,000	$ 3,650,000	$ 4,100,000	$ 3,700,000	$ 41,825,000
Federal Transportation Authority (FTA) Grant	$ 1,574,229	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,574,229
Reprogrammed VDOT Funds	$ 2,650,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,650,000
CMAQ/RSTP	$ 50,000	$ 2,918,063	$ 4,338,063	$ 1,854,250	$ 4,549,372	$ 2,700,000	$ -	$ -	$ -	$ -	$ 16,409,748
State Revenue Sharing (Including Prior Year Balances)	$ 2,400,000	$ 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	$ 15,900,000
Subtotal, Non-City Sources	*$ 19,055,729*	*$ 149,208,063*	*$ 50,273,063*	*$ 61,879,250*	*$ 37,212,977*	*$ 16,125,000*	*$ 8,250,000*	*$ 9,900,000*	*$ 26,450,000*	*$ 5,650,000*	*$ 384,004,083*
Total, All Sources	$ 113,810,986	$ 396,347,046	$ 160,940,099	$ 163,239,902	$ 138,983,524	$ 118,796,481	$ 140,808,454	$ 115,662,467	$ 123,969,521	$ 93,913,614	$ 1,566,472,095

*Of the total $62.9 million in General Obligation Bonds planned in FY 2016, $39.7 million will be deferred until FY 2017 based on projected cash flow needs for capital projects.

All Uses (CIP Document Section)	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	TOTAL FY 2016 - 2025
Schools	$ 38,808,279	$ 32,000,000	$ 32,500,000	$ 31,900,000	$ 14,875,000	$ 15,000,000	$ 22,900,000	$ 37,000,000	$ 37,400,000	$ 29,000,000	$ 291,383,279
Community Development	$ 3,681,000	$ 2,928,000	$ 7,686,500	$ 11,285,500	$ 10,040,500	$ 9,417,500	$ 18,315,500	$ 12,387,500	$ 5,972,500	$ 15,287,500	$ 97,002,000
Recreation & Parks	$ 15,205,000	$ 14,959,000	$ 26,472,000	$ 8,302,000	$ 8,657,605	$ 7,974,000	$ 7,847,000	$ 7,997,000	$ 7,847,000	$ 8,047,000	$ 113,307,605
Public Buildings	$ 9,443,000	$ 13,750,000	$ 11,467,000	$ 6,830,000	$ 28,245,000	$ 23,770,000	$ 42,142,000	$ 18,943,000	$ 13,883,000	$ 4,578,000	$ 173,051,000
Transit & Transportation	$ 34,691,729	$ 316,813,063	$ 60,568,063	$ 80,384,250	$ 48,589,372	$ 32,930,000	$ 26,205,000	$ 27,180,000	$ 43,880,000	$ 22,030,000	$ 693,271,477
Sanitary Sewers	$ 1,000,000	$ 6,850,000	$ 12,925,000	$ 17,175,000	$ 17,870,000	$ 19,750,000	$ 13,150,000	$ 1,400,000	$ 1,800,000	$ 1,400,000	$ 93,320,000
Stormwater Management	$ 3,390,000	$ 2,987,000	$ 4,008,000	$ 2,000,000	$ 4,225,000	$ 4,225,000	$ 4,250,000	$ 4,850,000	$ 7,750,000	$ 7,750,000	$ 45,435,000
Information Technology	$ 5,585,000	$ 5,197,000	$ 4,545,240	$ 4,591,000	$ 5,705,000	$ 4,950,000	$ 5,215,000	$ 5,117,000	$ 4,645,000	$ 5,025,000	$ 50,575,240
Other Regional Contributions	$ 826,978	$ 862,983	$ 768,296	$ 772,152	$ 776,047	$ 779,981	$ 783,954	$ 787,967	$ 792,021	$ 796,114	$ 7,946,493
City Council Contingency	$ 1,180,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,180,000
TOTAL ALL USES	$ 113,810,986	$ 396,347,046	$ 160,940,099	$ 163,239,902	$ 138,983,524	$ 118,796,481	$ 140,808,454	$ 115,662,467	$ 123,969,521	$ 93,913,614	$ 1,566,472,095

% FROM BONDS	55.3%	68.5%	54.7%	49.4%	58.3%	68.3%	78.8%	71.0%	59.7%	68.6%	63.6%
% FROM CITY AND OTHER CASH SOURCES	44.7%	31.5%	45.3%	50.6%	41.7%	31.7%	21.2%	29.0%	40.3%	31.4%	36.4%

Table 2
Approved FY 2016 – 2025 Capital Improvement Program
Summary of Capital Improvement Program Expenditures – City Share

CIP Seciton	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Alexandria City Public Schools	38,808,279	32,000,000	32,500,000	31,900,000	14,875,000	15,000,000	22,900,000	37,000,000	37,400,000	29,000,000	291,383,279
Community Development	3,681,000	2,278,000	7,686,500	11,285,500	7,040,500	8,817,500	18,315,500	10,687,500	5,972,500	15,287,500	91,052,000
Recreation & Parks	15,005,000	14,959,000	23,972,000	8,302,000	7,954,000	7,974,000	7,847,000	7,997,000	7,847,000	8,047,000	109,904,000
Public Buildings	9,443,000	13,750,000	11,467,000	5,730,000	23,245,000	18,670,000	42,142,000	18,943,000	13,883,000	4,578,000	161,851,000
Transportation	20,086,000	169,730,000	14,130,000	20,280,000	20,755,000	22,955,000	18,405,000	19,430,000	17,880,000	16,830,000	340,481,000
Sanitary Sewers	1,000,000	6,850,000	12,925,000	17,175,000	17,870,000	19,750,000	13,150,000	1,400,000	1,800,000	1,400,000	93,320,000
Stormwater Management	1,640,000	2,987,000	4,008,000	2,000,000	4,225,000	4,225,000	4,250,000	4,850,000	7,750,000	7,750,000	43,685,000
Other Regional Contributions	826,978	862,983	768,296	772,152	776,047	779,981	783,954	787,967	792,021	796,114	7,946,494
Information Technology Plan	3,085,000	3,722,000	3,210,240	3,916,000	5,030,000	4,500,000	4,765,000	4,667,000	4,195,000	4,575,000	41,665,240
City Council Contingency	1,180,000	0	0	0	0	0	0	0	0	0	1,180,000
Total Approved FY 2016-2025 City Share	94,755,257	247,138,983	110,667,036	101,360,652	101,770,547	102,671,481	132,558,454	105,762,467	97,519,521	88,263,614	1,182,468,013

Table 3
Approved FY 2016 – 2025 Capital Improvement Program
Summary of Capital Improvement Program Expenditures – Non-City Share

CIP Seciton	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Alexandria City Public Schools	0	0	0	0	0	0	0	0	0	0	0
Community Development	0	650,000	0	0	3,000,000	600,000	0	1,700,000	0	0	5,950,000
Recreation & Parks	200,000	0	2,500,000	0	703,605	0	0	0	0	0	3,403,605
Public Buildings	0	0	0	1,100,000	5,000,000	5,100,000	0	0	0	0	11,200,000
Transportation	14,605,729	147,083,063	46,438,063	60,104,250	27,834,372	9,975,000	7,800,000	7,750,000	26,000,000	5,200,000	352,790,477
Sanitary Sewers	0	0	0	0	0	0	0	0	0	0	0
Stormwater Management	1,750,000	0	0	0	0	0	0	0	0	0	1,750,000
Other Regional Contributions	0	0	0	0	0	0	0	0	0	0	0
Information Technology Plan	2,500,000	1,475,000	1,335,000	675,000	675,000	450,000	450,000	450,000	450,000	450,000	8,910,000
Total Approved FY 2016-2025 Non-City Share	19,055,729	149,208,063	50,273,063	61,879,250	37,212,977	16,125,000	8,250,000	9,900,000	26,450,000	5,650,000	384,004,082

Table 4
Approved FY 2016 - 2025 Capital Improvement Program
Projects by CIP Section

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Alexandria City Public Schools	38,808,279	32,000,000	32,500,000	31,900,000	14,875,000	15,000,000	22,900,000	37,000,000	37,400,000	29,000,000	291,383,279
Community Development	3,681,000	2,928,000	7,686,500	11,285,500	10,040,500	9,417,500	18,315,500	12,387,500	5,972,500	15,287,500	97,002,000
Recreation & Parks	15,205,000	14,959,000	26,472,000	8,302,000	8,657,605	7,974,000	7,847,000	7,997,000	7,847,000	8,047,000	113,307,605
Public Buildings	9,443,000	13,750,000	11,467,000	6,830,000	28,245,000	23,770,000	42,142,000	18,943,000	13,883,000	4,578,000	173,051,000
Transportation	34,691,729	316,813,063	60,568,063	80,384,250	48,589,372	32,930,000	26,205,000	27,180,000	43,880,000	22,030,000	693,271,477
Sanitary Sewers	1,000,000	6,850,000	12,925,000	17,175,000	17,870,000	19,750,000	13,150,000	1,400,000	1,800,000	1,400,000	93,320,000
Stormwater Management	3,390,000	2,987,000	4,008,000	2,000,000	4,225,000	4,225,000	4,250,000	4,850,000	7,750,000	7,750,000	45,435,000
Other Regional Contributions	826,978	862,983	768,296	772,152	776,047	779,981	783,954	787,967	792,021	796,114	7,946,494
Information Technology Plan	5,585,000	5,197,000	4,545,240	4,591,000	5,705,000	4,950,000	5,215,000	5,117,000	4,645,000	5,025,000	50,575,240
City Council Contingency	1,180,000	0	0	0	0	0	0	0	0	0	1,180,000
Total Approved FY 2016 - 2025 CIP	113,810,986	396,347,046	160,940,099	163,239,902	138,983,524	118,796,481	140,808,454	115,662,467	123,969,521	93,913,614	1,566,472,095

Note: Projects with $0 funding in FY 2016 - 2025 are fully funded and do not require additional resources. They appear in the table below because they are still active projects with their own individual project pages in the CIP.

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
ACPS											
ACPS Total Funding	38,808,279	32,000,000	32,500,000	31,900,000	14,875,000	15,000,000	22,900,000	37,000,000	37,400,000	29,000,000	291,383,279
ACPS Total	38,808,279	32,000,000	32,500,000	31,900,000	14,875,000	15,000,000	22,900,000	37,000,000	37,400,000	29,000,000	291,383,279
Community Development											
City-Wide Amenities											
Transportation Signage & Wayfinding System	0	200,000	515,000	361,000	432,000	241,000	0	0	0	0	1,749,000
Public Art Conservation Program	15,000	15,000	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	210,000
Gadsby Lighting Fixtures & Poles Replacement	150,000	150,000	0	75,000	0	75,000	0	75,000	0	75,000	600,000
Public Art Acquisition	0	250,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,650,000
Neighborhood Planning											
Waterfront Small Area Plan Implementation (w/ Construction Funding)	1,500,000	760,000	5,800,000	7,250,000	5,520,000	5,800,000	11,340,000	9,270,000	1,580,000	12,670,000	61,490,000
Braddock Road Area Plan - Streetscape Improvements	204,000	0	0	0	45,000	45,000	45,000	45,000	45,000	45,000	474,000
King Street Plan Implementation	0	0	150,000	250,000	250,000	250,000	0	0	0	0	900,000
Public Safety Enhancements											
Fire Department Vehicles & Apparatus	1,487,000	1,378,000	874,000	2,852,000	3,446,000	2,009,000	2,583,000	2,500,000	4,000,000	2,000,000	23,129,000
Citywide Street Lighting	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Waterways Maint. & Imprv.											
Four Mile Run Stream Restoration	0	0	0	0	0	0	0	0	0	0	0
Oronoco Outfall	300,000	0	0	0	0	0	0	0	0	0	300,000
Environmental Restoration	0	150,000	0	150,000	0	150,000	0	150,000	0	150,000	750,000
City Marina Waterfront Dredging	0	0	0	0	0	500,000	4,000,000	0	0	0	4,500,000
Community Development Total	3,681,000	2,928,000	7,686,500	11,285,500	10,040,500	9,417,500	18,315,500	12,387,500	5,972,500	15,287,500	97,002,000
Recreation & Parks											
Open Space Acquisition & Development											
Open Space Acquisition and Develop.	0	1,500,000	2,000,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	21,000,000
Park Maintenance & Improvements											
Restaurant Depot Contribution Projects	0	0	0	0	0	0	0	0	0	0	0
Americans with Disabilities Act (ADA) Requirements	450,000	250,000	250,000	250,000	250,000	100,000	100,000	100,000	100,000	100,000	1,950,000
Ball Court Renovations	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Soft Surface Trails	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	1,200,000

Note: Projects with $0 funding in FY 2016 - 2025 are fully funded and do not require additional resources. They appear in the table below because they are still active projects with their own individual project pages in the CIP.

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Tree & Shrub Capital Maintenance	226,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	3,160,000
Water Management & Irrigation	0	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	1,152,000
Park Renovations CFMP	270,000	270,000	416,000	416,000	416,000	416,000	416,000	416,000	416,000	416,000	3,868,000
Playground Renovations CFMP	912,000	475,000	522,000	570,000	622,000	622,000	665,000	665,000	665,000	665,000	6,383,000
Waterfront Parks CFMP	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Athletic Field Restroom Renovations	370,000	370,000	350,000	0	0	0	0	0	0	0	1,090,000
Windmill Hill Park Improvements	5,000,000	0	0	0	0	0	0	0	0	0	5,000,000
Major Asphalt Resurfacing in Parks	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Park Maintenance Facilities	0	30,000	250,000	0	0	0	0	0	0	0	280,000
Athletic Field Improvements (incl. Synthetic Turf)	0	1,610,000	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,110,000
Renovation and Proactive Capital Management of Urban Forest	0	0	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,100,000
Recreation Facility Maintenance											
Recreation Centers CFMP	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	7,000,000
Public Pools	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	520,000
City Marina Maintenance	190,000	340,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	1,250,000
Recreation Facilities Security Review	135,000	0	0	0	0	0	0	0	0	0	135,000
Renovated or New Recreation Facilities											
City Marina Utility Upgrades	187,000	1,063,000	0	0	0	0	0	0	0	0	1,250,000
Fort Ward Management Plan Implementation	200,000	275,000	0	400,000	0	170,000	0	150,000	0	200,000	1,395,000
Warwick Pool Renovation	0	2,150,000	0	0	0	0	0	0	0	0	2,150,000
Patrick Henry Recreation Center	5,943,000	0	0	0	0	0	0	0	0	0	5,943,000
Citywide Parks Improvements Plan	0	350,000	468,000	0	0	0	0	0	0	0	818,000
Braddock Area Plan Park	0	0	0	0	703,605	0	0	0	0	0	703,605
Chinquapin Aquatics Center	0	4,500,000	17,850,000	0	0	0	0	0	0	0	22,350,000
Recreation & Parks Total	15,205,000	14,959,000	26,472,000	8,302,000	8,657,605	7,974,000	7,847,000	7,997,000	7,847,000	8,047,000	113,307,605
Public Buildings											
General Government Facilities											
City Hall Security Enhancements	0	0	0	0	0	0	0	0	0	0	0
Fleet Facility - AHU Replacement	0	0	0	0	0	0	0	0	0	0	0
City Hall HVAC & Infrastructure Replacement	0	750,000	500,000	500,000	4,425,000	11,140,000	33,350,000	2,640,000	0	0	53,305,000
Old Town Parking Garage Ticketing Modernization	250,000	0	0	0	0	0	0	0	0	0	250,000
General Services CFMP	1,100,000	1,300,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	14,400,000
Roof Replacement Program	965,000	700,000	1,227,000	500,000	130,000	50,000	50,000	160,000	50,000	50,000	3,882,000
Elevator Replacement/Refurbishment	1,040,000	210,000	545,000	600,000	230,000	1,000,000	1,200,000	600,000	600,000	600,000	6,625,000
Building Physical Conditions Assessment	108,000	200,000	95,000	0	0	0	100,000	100,000	100,000	0	703,000
City Wide Storage Capacity Assessment	65,000	0	0	0	0	0	0	0	0	0	65,000
Emergency Generators	0	512,000	740,000	500,000	25,000	25,000	207,000	450,000	25,000	108,000	2,592,000
Energy Management Program	0	650,000	455,000	495,000	550,000	550,000	650,000	750,000	850,000	635,000	5,585,000
Market Square Plaza and Garage Structural Repairs	950,000	550,000	0	0	0	0	0	0	0	0	1,500,000
Library Facilities											
Library CFMP	175,000	285,000	100,000	100,000	150,000	150,000	150,000	150,000	150,000	150,000	1,560,000
Beatley Building Envelope Restoration	0	150,000	1,020,000	0	0	0	0	0	0	0	1,170,000
Ellen Coolidge Burke Facility Space Planning	50,000	0	0	0	0	0	0	0	0	0	50,000
Preservation of Historic Facilities											
Torpedo Factory Repairs	0	0	0	0	0	0	0	0	0	0	0
Archives Public Records and Archaeology Storage Expansion	150,000	0	0	0	0	0	0	0	0	0	150,000
City Historic Facilities CFMP	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	3,450,000
Gadsby's Tavern Restaurant Kitchen Equipment	0	245,000	0	0	0	0	0	0	0	0	245,000
Torpedo Factory Space Programming Study	0	0	250,000	0	0	0	0	0	0	0	250,000
Gadsy's Tavern Elevator Design and Construction	0	0	0	0	0	0	0	250,000	1,200,000	0	1,450,000

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CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Public Health & Welfare Facilities											
Health Dept Garage Concrete Deck & Parking Restoration	0	0	0	0	0	0	0	0	0	0	0
Mental Health Residential Facilities CFMP	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Public Safety Facilities											
Police K-9 Facility Renovation	0	0	0	0	0	0	0	0	0	0	0
EOC/Public Safety Center Reuse	0	0	0	0	0	0	0	0	0	0	0
Office of the Sheriff CFMP	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	4,600,000
Fire Department CFMP	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	4,000,000
Courthouse Renovations - HVAC and CFMP	250,000	250,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,700,000
Vola Lawson Animal Shelter	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	300,000
Courthouse-General District Court Clerk's Office Payment Center	160,000	0	0	0	0	0	0	0	0	0	160,000
Adult Detention Center HVAC Replacement	295,000	0	0	0	0	0	0	0	0	0	295,000
Pistol Range	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
Fire Station 203 (Cameron Mills)	1,000,000	6,305,000	0	0	0	0	0	0	0	0	7,305,000
Animal Shelter Exterior Dog Kennels	0	258,000	0	0	0	0	0	0	0	0	258,000
Fire Station 207 (Duke Street)	0	0	3,500,000	0	14,700,000	0	0	0	0	0	18,200,000
Fire Station 211 (Beauregard)	0	0	0	1,100,000	5,000,000	7,100,000	0	0	0	0	13,200,000
Fire Station 206 (Seminary Rd)	0	0	0	0	0	720,000	0	10,808,000	0	0	11,528,000
Fire Station 205 (Cameron Street)	0	0	0	0	0	0	3,400,000	0	7,873,000	0	11,273,000
Public Buildings Total	9,443,000	13,750,000	11,467,000	6,830,000	28,245,000	23,770,000	42,142,000	18,943,000	13,883,000	4,578,000	173,051,000
Transportation											
Fixed Transportation Equipment											
Citywide Transportation Management System (SCOOT/TDi)	0	0	0	0	0	0	0	0	0	0	0
Fixed Transportation Equipment	850,000	850,000	1,450,000	850,000	850,000	850,000	850,000	2,350,000	850,000	850,000	10,600,000
Traffic Control Upgrade	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Intelligent Transportation Systems (ITS) Integration	0	1,918,063	0	0	0	0	0	0	0	0	1,918,063
Transportation Technologies	250,000	175,000	0	0	250,000	0	250,000	0	250,000	0	1,175,000
Parking Technologies	0	0	110,000	200,000	0	500,000	0	0	0	0	810,000
High Capacity Transit Corridors											
Route 1 Transitway - Metroway Construction	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "C" Transit Priority	0	0	0	0	0	0	0	0	0	0	0
Route 1 Transitway (NEPP)	0	0	0	500,000	500,000	500,000	0	0	0	0	1,500,000
Transit Corridor "A" - Crystal City/Potomac Yard Streetcars	0	0	0	0	0	3,000,000	0	0	0	0	3,000,000
Transit Corridor "C" - Beauregard	2,400,000	22,340,000	32,100,000	32,500,000	0	0	0	0	0	0	89,340,000
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	0	0	0	0	210,000	0	2,100,000	2,000,000	15,000,000	0	19,310,000
Non-Motorized Transportation											
Access to Transit	0	0	0	0	0	0	0	0	0	0	0
BRAC Neighborhood Protection Plan	0	0	0	0	0	0	0	0	0	0	0
Holmes Run Greenway	0	0	0	0	0	0	0	0	0	0	0
Pedestrian & Bicycle Master Plan Update	0	0	0	0	0	0	0	0	0	0	0
Safe Routes to Schools	0	0	0	0	0	0	0	0	0	0	0
Wilkes Street Bikeway	0	0	0	0	0	0	0	0	0	0	0
Mt. Vernon Trail @ East Abingdon	100,000	0	0	0	0	0	0	0	0	0	100,000
Edsall and South Pickett Pedestrian Imprv.	325,000	0	0	0	0	0	0	0	0	0	325,000
Cameron & Prince Bicycle & Pedestrian Facilities	300,000	0	0	0	0	0	0	0	0	0	300,000
Bicycle Parking at Metro Stations	50,000	500,000	0	100,000	100,000	0	0	0	0	0	750,000

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CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Sidewalk Capital Maintenance	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Shared-Use Paths	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Complete Streets	641,000	830,000	830,000	1,170,000	830,000	830,000	830,000	830,000	830,000	830,000	8,451,000
Old Cameron Run Trail	100,000	0	2,095,000	0	0	0	0	0	0	0	2,195,000
Capital Bikeshare	0	500,000	693,063	264,250	320,000	350,000	0	0	0	0	2,127,313
Parking Study	0	150,000	0	0	0	0	0	0	0	0	150,000
Transportation Master Plan Update	0	0	500,000	0	0	0	0	0	0	0	500,000
Backlick Run Multi-Use Paths	0	0	0	200,000	1,910,000	0	0	0	0	0	2,110,000
Van Dorn/Beauregard Bicycle Facilities	0	0	0	250,000	1,269,372	0	0	0	0	0	1,519,372
Public Transit											
DASH Real Time Bus Information System	0	0	0	0	0	0	0	0	0	0	0
South Eisenhower Metrorail Station - South Entrance	1,574,229	0	0	0	0	0	0	0	0	0	1,574,229
King Street Metrorail Station Area Improvements	3,700,000	0	0	0	0	0	0	0	0	0	3,700,000
Potomac Yard Metrorail Station	4,000,000	270,000,000	0	0	0	0	0	0	0	0	274,000,000
WMATA Capital Contributions	8,310,000	7,700,000	7,500,000	14,300,000	13,900,000	15,900,000	11,500,000	11,500,000	11,500,000	11,500,000	113,610,000
Van Dorn Metrorail Station Area Imprv.	0	1,500,000	670,000	0	0	0	0	0	0	0	2,170,000
Bus Shelters and Benches	0	0	270,000	0	0	600,000	0	0	0	0	870,000
Hybrid Bus and Trolley Battery Pack Replacement	100,000	150,000	250,000	300,000	350,000	350,000	400,000	500,000	550,000	450,000	3,400,000
DASH Bus Fleet Replacements	3,910,000	3,900,000	3,900,000	4,050,000	4,050,000	2,800,000	3,375,000	2,100,000	2,800,000	2,100,000	32,985,000
DASH NEPP Implementation	0	0	0	0	450,000	750,000	0	0	0	0	1,200,000
Landmark Transit Station	0	0	0	0	0	0	0	600,000	5,400,000	0	6,000,000
Streets & Bridges											
King & Beauregard Intersection Improvements	0	0	0	0	0	0	0	0	0	0	0
Eisenhower Avenue Roadway Improvements	0	0	0	0	0	0	0	0	0	0	0
Route 1 @ E. Reed Intersection Improvements	0	0	0	0	0	0	0	0	0	0	0
Madison & Montgomery Reconstruction	0	0	0	0	0	0	0	0	0	0	0
King/Quaker Lane/Braddock Rd. Intersection	381,500	0	0	0	0	0	0	0	0	0	381,500
Street Reconstruction & Resurfacing of Major Roads	5,600,000	5,300,000	5,300,000	5,500,000	5,500,000	5,500,000	5,500,000	5,300,000	5,300,000	5,300,000	54,100,000
Bridge Repairs	0	300,000	700,000	300,000	700,000	300,000	700,000	300,000	700,000	300,000	4,300,000
Seminary Road at Beauregard Street Ellipse	0	0	3,500,000	16,200,000	16,700,000	0	0	0	0	0	36,400,000
Duke Street Reconstruction	1,200,000	0	0	0	0	0	0	0	0	0	1,200,000
City Standard Construction Specifications	200,000	0	0	0	0	0	0	0	0	0	200,000
East Glebe & Route 1	0	0	0	3,000,000	0	0	0	0	0	0	3,000,000
High Street Construction	0	0	0	0	0	0	0	500,000	0	0	500,000
Van Dorn Metro Multimodal Bridge	0	0	0	0	0	0	0	500,000	0	0	500,000
Transportation Total	34,691,729	316,813,063	60,568,063	80,384,250	48,589,372	32,930,000	26,205,000	27,180,000	43,880,000	22,030,000	693,271,477
Sanitary Sewers											
Sanitary Sewers											
Holmes Run Trunk Sewer	0	0	0	0	0	0	0	0	0	0	0
Combined Sewer Overflow 001 Planning	0	0	0	0	0	0	0	0	0	0	0
Four Mile Run Sanitary Sewer Repair	200,000	0	0	0	0	0	0	0	0	0	200,000
Combined Sewer System (CSS) Permit Compliance	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Reconstructions & Extensions of Sanitary Sewers	500,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	8,600,000
Citywide Sewershed Infiltration & Inflow	0	3,000,000	2,375,000	3,075,000	2,850,000	4,000,000	0	0	0	0	15,300,000
Wet Weather Management Facility	0	2,250,000	8,750,000	9,000,000	0	0	0	0	0	0	20,000,000
Combined Sewer Separation Projects	0	400,000	600,000	200,000	200,000	600,000	200,000	200,000	600,000	200,000	3,200,000
Sewer Assessment & Rehabilitation	0	0	0	3,700,000	2,550,000	2,550,000	0	0	0	0	8,800,000
AlexRenew Wastewater Treatment Plant Capacity	0	0	0	0	11,070,000	11,400,000	11,750,000	0	0	0	34,220,000
Sanitary Sewers Total	1,000,000	6,850,000	12,925,000	17,175,000	17,870,000	19,750,000	13,150,000	1,400,000	1,800,000	1,400,000	93,320,000

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CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Stormwater Management											
Stormwater Management											
NPDES / MS4 Permit	0	0	0	0	0	0	0	0	0	0	0
Ft. Ward Stormwater	0	0	0	0	0	0	0	0	0	0	0
Lake Cook Stormwater Management	0	0	0	0	0	0	0	0	0	0	0
Green Infrastructure in CSO Areas	500,000	0	0	0	0	0	0	0	0	0	500,000
Stormwater Utility Study	640,000	0	0	0	0	0	0	0	0	0	640,000
Cameron Station Pond Retrofit	2,250,000	625,000	625,000	0	0	0	0	0	0	0	3,500,000
MS4-TMDL Compliance Water Quality Imprv.	0	400,000	500,000	500,000	3,000,000	3,000,000	3,500,000	3,500,000	7,000,000	7,000,000	28,400,000
Stream & Channel Maintenance	0	1,250,000	850,000	1,200,000	450,000	450,000	450,000	450,000	450,000	450,000	6,000,000
Storm Sewer System Spot Improvements	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
City Facilities Stormwater Best Management Practices (BMPs)	0	412,000	1,133,000	0	0	0	0	0	0	0	1,545,000
Four Mile Run Channel Maintenance	0	0	600,000	0	0	0	0	600,000	0	0	1,200,000
Storm Sewer Capacity Assessment	0	0	0	0	475,000	475,000	0	0	0	0	950,000
Stormwater Management Total	3,390,000	2,987,000	4,008,000	2,000,000	4,225,000	4,225,000	4,250,000	4,850,000	7,750,000	7,750,000	45,435,000
Other Regional Contributions											
Other Regional Contributions											
Peumansend Creek Regional Jail	104,085	98,506	0	0	0	0	0	0	0	0	202,591
Northern Virginia Community College (NVCC)	340,241	381,825	385,644	389,500	393,395	397,329	401,302	405,315	409,369	413,462	3,917,383
Northern Virginia Regional Park Authority (NVRPA)	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	3,826,520
Other Regional Contributions Total	826,978	862,983	768,296	772,152	776,047	779,981	783,954	787,967	792,021	796,114	7,946,494
IT Plan											
Document Management											
Document Imaging	50,000	0	0	0	0	0	0	0	0	0	50,000
Financial Systems											
Enterprise Resource Planning System	130,000	100,000	100,000	100,000	100,000	0	0	0	0	0	530,000
Phone, Web, Portable Device Payment Portals	160,000	640,000	0	0	340,000	0	0	0	0	160,000	1,300,000
Real Estate Account Receivable System	325,000	60,000	0	0	0	0	120,000	0	0	0	505,000
Employee Pension Administration System	0	0	300,000	50,000	0	0	0	175,000	25,000	0	550,000
Personal Property Tax System	0	0	90,000	460,000	0	0	0	0	60,000	280,000	890,000
Business Tax System/Reciprocity Contractor System	0	0	90,000	0	0	0	100,000	382,000	0	0	572,000
Real Estate Assessment System (CAMA)	0	0	0	40,000	620,000	210,000	0	0	0	0	870,000
Geographic Information Systems											
GIS Development	0	80,000	100,000	0	100,000	50,000	200,000	0	0	0	530,000
Network Services											
Municipal Fiber	0	0	0	0	0	0	0	0	0	0	0
Data Center Relocation	0	0	0	0	0	0	0	0	0	0	0
Upgrade Work Station Operating Systems	150,000	175,000	200,000	200,000	200,000	0	0	0	0	0	925,000
Voice Over Internet Protocol (VoIP)	250,000	150,000	350,000	150,000	150,000	0	0	0	0	0	1,050,000
Network Security	325,000	225,000	225,000	225,000	225,000	0	0	0	0	0	1,225,000
Network Server Infrastructure	300,000	400,000	175,000	175,000	500,000	0	0	0	0	0	1,550,000
Connectivity Initiatives	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	4,500,000
Database Infrastructure	40,000	40,000	40,000	40,000	40,000	40,000	0	0	0	0	240,000
Enterprise Collaboration (Including AlexStat Hardware & Software)	40,000	40,000	40,000	40,000	40,000	0	0	0	0	0	200,000
Enterprise Data Storage Infrastructure	200,000	400,000	400,000	200,000	200,000	0	0	0	0	0	1,400,000
Information Technology Equipment Replacement	300,000	200,000	400,000	620,000	620,000	0	0	0	0	0	2,140,000
IT Enterprise Management System	50,000	150,000	20,000	20,000	100,000	0	0	0	0	0	340,000
LAN Development	65,000	15,000	25,000	25,000	25,000	0	0	0	0	0	155,000
LAN/WAN Infrastructure	560,000	360,000	360,000	360,000	260,000	0	0	0	0	0	1,900,000
Remote Access	0	250,000	150,000	150,000	150,000	75,000	75,000	0	0	0	850,000
Information Technology Lump Sum Funding	0	0	0	0	250,000	3,550,000	4,000,000	4,000,000	4,000,000	4,000,000	19,800,000

Note: Projects with $0 funding in FY 2016 - 2025 are fully funded and do not require additional resources. They appear in the table below because they are still active projects with their own individual project pages in the CIP.

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Other System Development Projects											
Permit Processing	1,750,000	0	0	0	0	0	0	0	0	0	1,750,000
Enterprise Maintenance Mgmt System	100,000	130,000	100,000	40,000	40,000	40,000	0	0	0	0	450,000
HIPAA & Related Health Information Technologies	53,000	25,000	25,000	25,000	50,000	25,000	25,000	25,000	25,000	50,000	328,000
Migration of Integrated Library System to SAAS Platform	42,000	27,000	30,240	0	0	0	0	0	0	0	99,240
Project Management Software	185,000	0	0	0	0	0	0	0	0	0	185,000
Library Public Access Computers and Print Mgmt System	0	100,000	0	0	0	0	85,000	0	0	0	185,000
Replacement of City Voting Equipment	0	0	0	0	895,000	0	0	0	0	0	895,000
Public Access Development											
Customer Relationship Management System	0	200,000	500,000	50,000	25,000	25,000	100,000	25,000	25,000	25,000	975,000
Electronic Government	0	285,000	0	0	0	0	0	0	0	0	285,000
Public Safety Systems											
AJIS Enhancements	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	600,000
Computer Aided Dispatch (CAD) System Replacement	0	635,000	315,000	1,111,000	265,000	0	0	0	0	0	2,326,000
EMS Records Management System	0	0	0	0	0	425,000	0	0	0	0	425,000
IT Plan Total	5,585,000	5,197,000	4,545,240	4,591,000	5,705,000	4,950,000	5,215,000	5,117,000	4,645,000	5,025,000	50,575,240
City Council Contingency											
Maury Schoolyard Initiative	250,000	0	0	0	0	0	0	0	0	0	250,000
Future Transportation Commission Priorities	930,000	0	0	0	0	0	0	0	0	0	930,000
City Council Contingency Total	1,180,000	0	0	0	0	0	0	0	0	0	1,180,000
Total Approved FY 2016 - 2025 CIP	113,810,986	396,347,046	160,940,099	163,239,902	138,983,524	118,796,481	140,808,454	115,662,467	123,969,521	93,913,614	1,566,472,095

Table 5
Approved FY 2016 - 2025 Capital Improvement Program
Projects by Category

Funding Source/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Alexandria City Public Schools	38,808,279	32,000,000	32,500,000	31,900,000	14,875,000	15,000,000	22,900,000	37,000,000	37,400,000	29,000,000	291,383,279
Category 1	30,891,978	32,558,983	32,915,796	40,903,652	40,143,547	39,675,481	36,953,454	36,527,467	37,171,521	33,818,614	361,560,494
Category 2	12,411,229	9,791,000	6,133,000	7,075,000	5,550,000	7,350,000	4,150,000	1,150,000	1,350,000	300,000	55,260,229
Category 3	26,114,500	316,800,063	84,846,063	78,770,250	72,709,977	51,821,000	71,590,000	35,868,000	43,403,000	25,770,000	807,692,853
Information Technology Plan	5,585,000	5,197,000	4,545,240	4,591,000	5,705,000	4,950,000	5,215,000	5,117,000	4,645,000	5,025,000	50,575,240
FY 2016 - 2025 Approved CIP by Project Category	113,810,986	396,347,046	160,940,099	163,239,902	138,983,524	118,796,481	140,808,454	115,662,467	123,969,521	93,913,614	1,566,472,095

Note: Projects with $0 funding in FY 2016 - 2025 are fully funded and do not require additional resources. They appear in the table below because they are still active projects with their own individual project pages in the CIP.

Category/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Alexandria City Public Schools											
ACPS											
ACPS Total Funding	38,808,279	32,000,000	32,500,000	31,900,000	14,875,000	15,000,000	22,900,000	37,000,000	37,400,000	29,000,000	291,383,279
Alexandria City Public Schools Total	38,808,279	32,000,000	32,500,000	31,900,000	14,875,000	15,000,000	22,900,000	37,000,000	37,400,000	29,000,000	291,383,279
Category 1											
Community Development											
Fire Department Vehicles & Apparatus	1,487,000	1,378,000	874,000	2,852,000	3,446,000	2,009,000	2,583,000	2,500,000	4,000,000	2,000,000	23,129,000
Gadsby Lighting Fixtures & Poles Replacement	150,000	150,000	0	75,000	0	75,000	0	75,000	0	75,000	600,000
Public Art Conservation Program	15,000	15,000	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	210,000
Recreation & Parks											
Americans with Disabilities Act (ADA) Requirements	450,000	250,000	250,000	250,000	250,000	100,000	100,000	100,000	100,000	100,000	1,950,000
Ball Court Renovations	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
City Marina Maintenance	190,000	340,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	1,250,000
Major Asphalt Resurfacing in Parks	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Park Renovations CFMP	270,000	270,000	416,000	416,000	416,000	416,000	416,000	416,000	416,000	416,000	3,868,000
Playground Renovations CFMP	912,000	475,000	522,000	570,000	622,000	622,000	665,000	665,000	665,000	665,000	6,383,000
Public Pools	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	520,000
Recreation Centers CFMP	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	7,000,000
Renovation and Proactive Capital Management of Urban Forest	0	0	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,100,000
Soft Surface Trails	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	1,200,000
Tree & Shrub Capital Maintenance	226,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	3,160,000
Water Management & Irrigation	0	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	1,152,000
Waterfront Parks CFMP	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Public Buildings											
Building Physical Conditions Assessment	108,000	200,000	95,000	0	0	0	100,000	100,000	100,000	0	703,000
City Historic Facilities CFMP	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	3,450,000
Elevator Replacement/Refurbishment	1,040,000	210,000	545,000	600,000	230,000	1,000,000	1,200,000	600,000	600,000	600,000	6,625,000
Emergency Generators	0	512,000	740,000	500,000	25,000	25,000	207,000	450,000	25,000	108,000	2,592,000
Energy Management Program	0	650,000	455,000	495,000	550,000	550,000	650,000	750,000	850,000	635,000	5,585,000
Fire Department CFMP	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	4,000,000
General Services CFMP	1,100,000	1,300,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	14,400,000
Library CFMP	175,000	285,000	100,000	100,000	150,000	150,000	150,000	150,000	150,000	150,000	1,560,000
Mental Health Residential Facilities CFMP	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Office of the Sheriff CFMP	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	4,600,000

Note: Projects with $0 funding in FY 2016 - 2025 are fully funded and do not require additional resources. They appear in the table below because they are still active projects with their own individual project pages in the CIP.

Category/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Roof Replacement Program	965,000	700,000	1,227,000	500,000	130,000	50,000	50,000	160,000	50,000	50,000	3,882,000
Torpedo Factory Repairs	0	0	0	0	0	0	0	0	0	0	0
Vola Lawson Animal Shelter	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	300,000
Transportation											
Bridge Repairs	0	300,000	700,000	300,000	700,000	300,000	700,000	300,000	700,000	300,000	4,300,000
DASH Bus Fleet Replacements	3,910,000	3,900,000	3,900,000	4,050,000	4,050,000	2,800,000	3,375,000	2,100,000	2,800,000	2,100,000	32,985,000
Fixed Transportation Equipment	850,000	850,000	1,450,000	850,000	850,000	850,000	850,000	2,350,000	850,000	850,000	10,600,000
Hybrid Bus and Trolley Battery Pack Replacement	100,000	150,000	250,000	300,000	350,000	350,000	400,000	500,000	550,000	450,000	3,400,000
Parking Study	0	150,000	0	0	0	0	0	0	0	0	150,000
Shared-Use Paths	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Sidewalk Capital Maintenance	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Street Reconstruction & Resurfacing of Major Roads	5,600,000	5,300,000	5,300,000	5,500,000	5,500,000	5,500,000	5,500,000	5,300,000	5,300,000	5,300,000	54,100,000
Traffic Control Upgrade	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
WMATA Capital Contributions	8,310,000	7,700,000	7,500,000	14,300,000	13,900,000	15,900,000	11,500,000	11,500,000	11,500,000	11,500,000	113,610,000
Sanitary Sewers											
Combined Sewer System (CSS) Permit Compliance	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Reconstructions & Extensions of Sanitary Sewers	500,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	8,600,000
Stormwater Management											
Storm Sewer Capacity Assessment	0	0	0	0	475,000	475,000	0	0	0	0	950,000
Storm Sewer System Spot Improvements	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Stream & Channel Maintenance	0	1,250,000	850,000	1,200,000	450,000	450,000	450,000	450,000	450,000	450,000	6,000,000
Other Regional Contributions											
Northern Virginia Community College (NVCC)	340,241	381,825	385,644	389,500	393,395	397,329	401,302	405,315	409,369	413,462	3,917,383
Northern Virginia Regional Park Authority (NVRPA)	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	3,826,520
Peumansend Creek Regional Jail	104,085	98,506	0	0	0	0	0	0	0	0	202,591
Category 1 Total	30,891,978	32,558,983	32,915,796	40,903,652	40,143,547	39,675,481	36,953,454	36,527,467	37,171,521	33,818,614	361,560,494
Category 2											
Community Development											
City Marina Waterfront Dredging	0	0	0	0	0	500,000	4,000,000	0	0	0	4,500,000
Environmental Restoration	0	150,000	0	150,000	0	150,000	0	150,000	0	150,000	750,000
Four Mile Run Stream Restoration	0	0	0	0	0	0	0	0	0	0	0
Oronoco Outfall	300,000	0	0	0	0	0	0	0	0	0	300,000
Recreation & Parks											
Athletic Field Restroom Renovations	370,000	370,000	350,000	0	0	0	0	0	0	0	1,090,000
City Marina Utility Upgrades	187,000	1,063,000	0	0	0	0	0	0	0	0	1,250,000
Citywide Parks Improvements Plan	0	350,000	468,000	0	0	0	0	0	0	0	818,000
Warwick Pool Renovation	0	2,150,000	0	0	0	0	0	0	0	0	2,150,000
Windmill Hill Park Improvements	5,000,000	0	0	0	0	0	0	0	0	0	5,000,000
Public Buildings											
Adult Detention Center HVAC Replacement	295,000	0	0	0	0	0	0	0	0	0	295,000
Animal Shelter Exterior Dog Kennels	0	258,000	0	0	0	0	0	0	0	0	258,000
Beatley Building Envelope Restoration	0	150,000	1,020,000	0	0	0	0	0	0	0	1,170,000
Courthouse Renovations - HVAC and CFMP	250,000	250,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,700,000
Courthouse-General District Court Clerk's Office Payment Center	160,000	0	0	0	0	0	0	0	0	0	160,000
Gadsy's Tavern Elevator Design and Construction	0	0	0	0	0	0	0	250,000	1,200,000	0	1,450,000
Health Dept Garage Concrete Deck & Parking Restoration	0	0	0	0	0	0	0	0	0	0	0
Market Square Plaza and Garage Structural Repairs	950,000	550,000	0	0	0	0	0	0	0	0	1,500,000
Pistol Range	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000

Note: Projects with $0 funding in FY 2016 - 2025 are fully funded and do not require additional resources. They appear in the table below because they are still active projects with their own individual project pages in the CIP.

Category/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Police K-9 Facility Renovation	0	0	0	0	0	0	0	0	0	0	0
Fleet Facility - AHU Replacement	0	0	0	0	0	0	0	0	0	0	0
Transportation											
Duke Street Reconstruction	1,200,000	0	0	0	0	0	0	0	0	0	1,200,000
Edsall and South Pickett Pedestrian Imprv.	325,000	0	0	0	0	0	0	0	0	0	325,000
Madison & Montgomery Reconstruction	0	0	0	0	0	0	0	0	0	0	0
Mt. Vernon Trail @ East Abingdon	100,000	0	0	0	0	0	0	0	0	0	100,000
South Eisenhower Metrorail Station - South Entrance	1,574,229	0	0	0	0	0	0	0	0	0	1,574,229
Transportation Master Plan Update	0	0	500,000	0	0	0	0	0	0	0	500,000
Van Dorn Metrorail Station Area Imprv.	0	1,500,000	670,000	0	0	0	0	0	0	0	2,170,000
Wilkes Street Bikeway	0	0	0	0	0	0	0	0	0	0	0
Sanitary Sewers											
Citywide Sewershed Infiltration & Inflow	0	3,000,000	2,375,000	3,075,000	2,850,000	4,000,000	0	0	0	0	15,300,000
Four Mile Run Sanitary Sewer Repair	200,000	0	0	0	0	0	0	0	0	0	200,000
Sewer Assessment & Rehabilitation	0	0	0	3,700,000	2,550,000	2,550,000	0	0	0	0	8,800,000
Stormwater Management											
Four Mile Run Channel Maintenance	0	0	600,000	0	0	0	0	600,000	0	0	1,200,000
Category 2 Total	12,411,229	9,791,000	6,133,000	7,075,000	5,550,000	7,350,000	4,150,000	1,150,000	1,350,000	300,000	55,260,229
Category 3											
Community Development											
Braddock Road Area Plan - Streetscape Improvements	204,000	0	0	0	45,000	45,000	45,000	45,000	45,000	45,000	474,000
Citywide Street Lighting	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
King Street Plan Implementation	0	0	150,000	250,000	250,000	250,000	0	0	0	0	900,000
Public Art Acquisition	0	250,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,650,000
Transportation Signage & Wayfinding System	0	200,000	515,000	361,000	432,000	241,000	0	0	0	0	1,749,000
Waterfront Small Area Plan Implementation (w/ Construction Funding)	1,500,000	760,000	5,800,000	7,250,000	5,520,000	5,800,000	11,340,000	9,270,000	1,580,000	12,670,000	61,490,000
Recreation & Parks											
Athletic Field Improvements (incl. Synthetic Turf)	0	1,610,000	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,110,000
Braddock Area Plan Park	0	0	0	0	703,605	0	0	0	0	0	703,605
Chinquapin Aquatics Center	0	4,500,000	17,850,000	0	0	0	0	0	0	0	22,350,000
Fort Ward Management Plan Implementation	200,000	275,000	0	400,000	0	170,000	0	150,000	0	200,000	1,395,000
Open Space Acquisition and Develop.	0	1,500,000	2,000,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	21,000,000
Park Maintenance Facilities	0	30,000	250,000	0	0	0	0	0	0	0	280,000
Patrick Henry Recreation Center	5,943,000	0	0	0	0	0	0	0	0	0	5,943,000
Recreation Facilities Security Review	135,000	0	0	0	0	0	0	0	0	0	135,000
Restaurant Depot Contribution Projects	0	0	0	0	0	0	0	0	0	0	0
Public Buildings											
Archives Public Records and Archaeology Storage Expansion	150,000	0	0	0	0	0	0	0	0	0	150,000
City Hall HVAC & Infrastructure Replacement	0	750,000	500,000	500,000	4,425,000	11,140,000	33,350,000	2,640,000	0	0	53,305,000
City Hall Security Enhancements	0	0	0	0	0	0	0	0	0	0	0
City Wide Storage Capacity Assessment	65,000	0	0	0	0	0	0	0	0	0	65,000
Ellen Coolidge Burke Facility Space Planning	50,000	0	0	0	0	0	0	0	0	0	50,000
EOC/Public Safety Center Reuse	0	0	0	0	0	0	0	0	0	0	0
Fire Station 203 (Cameron Mills)	1,000,000	6,305,000	0	0	0	0	0	0	0	0	7,305,000
Fire Station 205 (Cameron Street)	0	0	0	0	0	0	3,400,000	0	7,873,000	0	11,273,000
Fire Station 206 (Seminary Rd)	0	0	0	0	0	720,000	0	10,808,000	0	0	11,528,000
Fire Station 207 (Duke Street)	0	0	3,500,000	0	14,700,000	0	0	0	0	0	18,200,000
Fire Station 211 (Beauregard)	0	0	0	1,100,000	5,000,000	7,100,000	0	0	0	0	13,200,000

Note: Projects with $0 funding in FY 2016 - 2025 are fully funded and do not require additional resources. They appear in the table below because they are still active projects with their own individual project pages in the CIP.

Category/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Gadsby's Tavern Restaurant Kitchen Equipment	0	245,000	0	0	0	0	0	0	0	0	245,000
Old Town Parking Garage Ticketing Modernization	250,000	0	0	0	0	0	0	0	0	0	250,000
Torpedo Factory Space Programming Study	0	0	250,000	0	0	0	0	0	0	0	250,000
Transportation											
Access to Transit	0	0	0	0	0	0	0	0	0	0	0
Backlick Run Multi-Use Paths	0	0	0	200,000	1,910,000	0	0	0	0	0	2,110,000
Bicycle Parking at Metro Stations	50,000	500,000	0	100,000	100,000	0	0	0	0	0	750,000
BRAC Neighborhood Protection Plan	0	0	0	0	0	0	0	0	0	0	0
Bus Shelters and Benches	0	0	270,000	0	0	600,000	0	0	0	0	870,000
Cameron & Prince Bicycle & Pedestrian Facilities	300,000	0	0	0	0	0	0	0	0	0	300,000
Capital Bikeshare	0	500,000	693,063	264,250	320,000	350,000	0	0	0	0	2,127,313
City Standard Construction Specifications	200,000	0	0	0	0	0	0	0	0	0	200,000
Citywide Transportation Management System (SCOOT/TDi)	0	0	0	0	0	0	0	0	0	0	0
Complete Streets	641,000	830,000	830,000	1,170,000	830,000	830,000	830,000	830,000	830,000	830,000	8,451,000
DASH NEPP Implementation	0	0	0	0	450,000	750,000	0	0	0	0	1,200,000
DASH Real Time Bus Information System	0	0	0	0	0	0	0	0	0	0	0
East Glebe & Route 1	0	0	0	3,000,000	0	0	0	0	0	0	3,000,000
Eisenhower Avenue Roadway Improvements	0	0	0	0	0	0	0	0	0	0	0
High Street Construction	0	0	0	0	0	0	0	500,000	0	0	500,000
Holmes Run Greenway	0	0	0	0	0	0	0	0	0	0	0
Intelligent Transportation Systems (ITS) Integration	0	1,918,063	0	0	0	0	0	0	0	0	1,918,063
King & Beauregard Intersection Improvements	0	0	0	0	0	0	0	0	0	0	0
King Street Metrorail Station Area Improvements	3,700,000	0	0	0	0	0	0	0	0	0	3,700,000
King/Quaker Lane/Braddock Rd. Intersection	381,500	0	0	0	0	0	0	0	0	0	381,500
Landmark Transit Station	0	0	0	0	0	0	0	600,000	5,400,000	0	6,000,000
Old Cameron Run Trail	100,000	0	2,095,000	0	0	0	0	0	0	0	2,195,000
Parking Technologies	0	0	110,000	200,000	0	500,000	0	0	0	0	810,000
Pedestrian & Bicycle Master Plan Update	0	0	0	0	0	0	0	0	0	0	0
Potomac Yard Metrorail Station	4,000,000	270,000,000	0	0	0	0	0	0	0	0	274,000,000
Route 1 @ E. Reed Intersection Improvements	0	0	0	0	0	0	0	0	0	0	0
Route 1 Transitway (NEPP)	0	0	0	500,000	500,000	500,000	0	0	0	0	1,500,000
Safe Routes to Schools	0	0	0	0	0	0	0	0	0	0	0
Seminary Road at Beauregard Street Ellipse	0	0	3,500,000	16,200,000	16,700,000	0	0	0	0	0	36,400,000
Transit Corridor "A" - Crystal City/Potomac Yard Streetcars	0	0	0	0	0	3,000,000	0	0	0	0	3,000,000
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	0	0	0	0	210,000	0	2,100,000	2,000,000	15,000,000	0	19,310,000
Transit Corridor "C" - Beauregard	2,400,000	22,340,000	32,100,000	32,500,000	0	0	0	0	0	0	89,340,000
Transit Corridor "C" Transit Priority	0	0	0	0	0	0	0	0	0	0	0
Transportation Technologies	250,000	175,000	0	0	250,000	0	250,000	0	250,000	0	1,175,000
Van Dorn Metro Multimodal Bridge	0	0	0	0	0	0	0	500,000	0	0	500,000
Van Dorn/Beauregard Bicycle Facilities	0	0	0	250,000	1,269,372	0	0	0	0	0	1,519,372
Route 1 Transitway - Metroway Construction	0	0	0	0	0	0	0	0	0	0	0
Sanitary Sewers											
AlexRenew Wastewater Treatment Plant Capacity	0	0	0	0	11,070,000	11,400,000	11,750,000	0	0	0	34,220,000
Combined Sewer Overflow 001 Planning	0	0	0	0	0	0	0	0	0	0	0
Combined Sewer Separation Projects	0	400,000	600,000	200,000	200,000	600,000	200,000	200,000	600,000	200,000	3,200,000
Holmes Run Trunk Sewer	0	0	0	0	0	0	0	0	0	0	0
Wet Weather Management Facility	0	2,250,000	8,750,000	9,000,000	0	0	0	0	0	0	20,000,000

Note: Projects with $0 funding in FY 2016 - 2025 are fully funded and do not require additional resources. They appear in the table below because they are still active projects with their own individual project pages in the CIP.

Category/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Stormwater Management											
Cameron Station Pond Retrofit	2,250,000	625,000	625,000	0	0	0	0	0	0	0	3,500,000
City Facilities Stormwater Best Management Practices (BMPs)	0	412,000	1,133,000	0	0	0	0	0	0	0	1,545,000
Ft. Ward Stormwater	0	0	0	0	0	0	0	0	0	0	0
Green Infrastructure in CSO Areas	500,000	0	0	0	0	0	0	0	0	0	500,000
Lake Cook Stormwater Management	0	0	0	0	0	0	0	0	0	0	0
MS4-TMDL Compliance Water Quality Imprv.	0	400,000	500,000	500,000	3,000,000	3,000,000	3,500,000	3,500,000	7,000,000	7,000,000	28,400,000
NPDES / MS4 Permit	0	0	0	0	0	0	0	0	0	0	0
Stormwater Utility Study	640,000	0	0	0	0	0	0	0	0	0	640,000
City Council Contingency											
Maury Schoolyard Initiative	250,000	0	0	0	0	0	0	0	0	0	250,000
Future Transportation Commission Priorities	930,000	0	0	0	0	0	0	0	0	0	930,000
Category 3 Total	26,114,500	316,800,063	84,846,063	78,770,250	72,709,977	51,821,000	71,590,000	35,868,000	43,403,000	25,770,000	807,692,853
Information Technology Plan											
AJIS Enhancements	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	600,000
Business Tax System/Reciprocity Contractor System	0	0	90,000	0	0	0	100,000	382,000	0	0	572,000
Computer Aided Dispatch (CAD) System Replacement	0	635,000	315,000	1,111,000	265,000	0	0	0	0	0	2,326,000
Connectivity Initiatives	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	4,500,000
Customer Relationship Management System	0	200,000	500,000	50,000	25,000	25,000	100,000	25,000	25,000	25,000	975,000
Data Center Relocation	0	0	0	0	0	0	0	0	0	0	0
Database Infrastructure	40,000	40,000	40,000	40,000	40,000	40,000	0	0	0	0	240,000
Document Imaging	50,000	0	0	0	0	0	0	0	0	0	50,000
Electronic Government	0	285,000	0	0	0	0	0	0	0	0	285,000
Employee Pension Administration System	0	0	300,000	50,000	0	0	0	175,000	25,000	0	550,000
EMS Records Management System	0	0	0	0	0	425,000	0	0	0	0	425,000
Enterprise Collaboration (Including AlexStat Hardware & Software)	40,000	40,000	40,000	40,000	40,000	0	0	0	0	0	200,000
Enterprise Data Storage Infrastructure	200,000	400,000	400,000	200,000	200,000	0	0	0	0	0	1,400,000
Enterprise Maintenance Mgmt System	100,000	130,000	100,000	40,000	40,000	40,000	0	0	0	0	450,000
Enterprise Resource Planning System	130,000	100,000	100,000	100,000	100,000	0	0	0	0	0	530,000
GIS Development	0	80,000	100,000	0	100,000	50,000	200,000	0	0	0	530,000
HIPAA & Related Health Information Technologies	53,000	25,000	25,000	25,000	50,000	25,000	25,000	25,000	25,000	50,000	328,000
Information Technology Equipment Replacement	300,000	200,000	400,000	620,000	620,000	0	0	0	0	0	2,140,000
Information Technology Lump Sum Funding	0	0	0	0	250,000	3,550,000	4,000,000	4,000,000	4,000,000	4,000,000	19,800,000
IT Enterprise Management System	50,000	150,000	20,000	20,000	100,000	0	0	0	0	0	340,000
LAN Development	65,000	15,000	25,000	25,000	25,000	0	0	0	0	0	155,000
LAN/WAN Infrastructure	560,000	360,000	360,000	360,000	260,000	0	0	0	0	0	1,900,000
Library Public Access Computers and Print Mgmt System	0	100,000	0	0	0	0	85,000	0	0	0	185,000
Migration of Integrated Library System to SAAS Platform	42,000	27,000	30,240	0	0	0	0	0	0	0	99,240
Municipal Fiber	0	0	0	0	0	0	0	0	0	0	0
Network Security	325,000	225,000	225,000	225,000	225,000	0	0	0	0	0	1,225,000
Network Server Infrastructure	300,000	400,000	175,000	175,000	500,000	0	0	0	0	0	1,550,000
Permit Processing	1,750,000	0	0	0	0	0	0	0	0	0	1,750,000
Personal Property Tax System	0	0	90,000	460,000	0	0	0	0	60,000	280,000	890,000
Phone, Web, Portable Device Payment Portals	160,000	640,000	0	0	340,000	0	0	0	0	160,000	1,300,000
Project Management Software	185,000	0	0	0	0	0	0	0	0	0	185,000
Real Estate Account Receivable System	325,000	60,000	0	0	0	0	120,000	0	0	0	505,000

Note: Projects with $0 funding in FY 2016 - 2025 are fully funded and do not require additional resources. They appear in the table below because they are still active projects with their own individual project pages in the CIP.

Category/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Real Estate Assessment System (CAMA)	0	0	0	40,000	620,000	210,000	0	0	0	0	870,000
Remote Access	0	250,000	150,000	150,000	150,000	75,000	75,000	0	0	0	850,000
Replacement of City Voting Equipment	0	0	0	0	895,000	0	0	0	0	0	895,000
Upgrade Work Station Operating Systems	150,000	175,000	200,000	200,000	200,000	0	0	0	0	0	925,000
Voice Over Internet Protocol (VoIP)	250,000	150,000	350,000	150,000	150,000	0	0	0	0	0	1,050,000
Information Technology Plan Total	5,585,000	5,197,000	4,545,240	4,591,000	5,705,000	4,950,000	5,215,000	5,117,000	4,645,000	5,025,000	50,575,240
Total Approved FY 2016-2025	113,810,986	396,347,046	160,940,099	163,239,902	138,983,524	118,796,481	140,808,454	115,662,467	123,969,521	93,913,614	1,566,472,095

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SUMMARY FUNDING TABLES

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Table 1
Approved FY 2016 – 2025 Capital Improvement Program
Total Sources and Uses of Capital Improvement Program Funds

Source of Funds	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	TOTAL FY 2016 - 2025
All City Cash Sources (Cash Capital)											
General Fund Planned Appropriations (Transfer from General Fund)	$ 16,025,541	$ 16,658,546	$ 17,156,599	$ 17,670,652	$ 18,209,547	$ 18,734,481	$ 19,300,454	$ 19,876,467	$ 20,493,521	$ 21,105,614	$ 185,231,422
Prior Year CIP/Projects Closed-Out/Available Balances (CITY)	$ 2,912,000	$ 3,000,000	$ 1,500,000	$ 1,000,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 11,412,000
General Obligation Bond Interest Earnings	$ 200,000	$ 200,000	$ 200,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 2,350,000
Sale of Property Revenue	$ 440,000	$ 1,890,000	$ 1,890,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,220,000
Other Base City Sources	$ 1,216,437	$ 216,437	$ 216,437	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,649,311
Subtotal, All Unrestricted City Cash Sources	*$ 20,793,978*	*$ 21,964,983*	*$ 20,963,036*	*$ 18,920,652*	*$ 18,959,547*	*$ 19,484,481*	*$ 20,050,454*	*$ 20,626,467*	*$ 21,243,521*	*$ 21,855,614*	*$ 204,862,733*
Unrestricted Borrowing Sources											
*General Obligation Bonds (Excl. Sewers/TIP/Potomac Yard)	$ 62,911,279	$ 61,824,000	$ 76,029,000	$ 66,365,000	$ 65,466,000	$ 63,612,000	$ 98,858,000	$ 81,736,000	$ 73,226,000	$ 64,008,000	$ 714,035,279
Subtotal, All Unrestricted City Sources	*$ 83,705,257*	*$ 83,788,983*	*$ 96,992,036*	*$ 85,285,652*	*$ 84,425,547*	*$ 83,096,481*	*$ 118,908,454*	*$ 102,362,467*	*$ 94,469,521*	*$ 85,863,614*	*$ 918,898,012*
Restricted City Sources											
Transfer from Code Enterprise Fund	$ 1,750,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,750,000
Sanitary Sewer Fees	$ 1,300,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 10,300,000
General Obligation Bonds - Sanitary Sewers	$ -	$ 5,850,000	$ 11,925,000	$ 14,325,000	$ 15,595,000	$ 17,475,000	$ 12,150,000	$ 400,000	$ 800,000	$ 400,000	$ 78,920,000
Cash Capital - Transportation Improvement Program	$ 200,000	$ 1,425,000	$ 750,000	$ 750,000	$ 750,000	$ 1,100,000	$ 500,000	$ 2,000,000	$ 1,250,000	$ 1,000,000	$ 9,725,000
Reprogrammed Transportation Improvement Program Balances	$ 150,000	$ 325,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 475,000
Reprogrammed TIP Bonds	$ 4,650,000	$ 750,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,400,000
General Obligation Bonds - Potomac Yard Metrorail Station	$ -	$ 154,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 154,000,000
Potomac Yard Special Tax District/Development Contributions	$ 3,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,000,000
Subtotal, Restricted City Sources	*$ 11,050,000*	*$ 163,350,000*	*$ 13,675,000*	*$ 16,075,000*	*$ 17,345,000*	*$ 19,575,000*	*$ 13,650,000*	*$ 3,400,000*	*$ 3,050,000*	*$ 2,400,000*	*$ 263,570,000*
Non-City Sources											
Comcast Revenues	$ 2,500,000	$ 1,475,000	$ 1,335,000	$ 675,000	$ 675,000	$ 450,000	$ 450,000	$ 450,000	$ 450,000	$ 450,000	$ 8,910,000
Virginia Transportation Infrastructure Bank (VTIB) Loan	$ -	$ 50,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 50,000,000
Stormwater Local Assistance Fund	$ 1,750,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,750,000
Land and Water Conservation Fund (LWCF) Grant	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 200,000
Provate Capital Contributions	$ 381,500	$ 3,250,000	$ 18,100,000	$ 32,800,000	$ 25,403,605	$ 5,700,000	$ -	$ 1,700,000	$ -	$ -	$ 87,335,105
NVTA 70%	$ 3,400,000	$ 85,740,000	$ 20,000,000	$ 20,000,000	$ 210,000	$ 3,000,000	$ 2,100,000	$ 2,600,000	$ 20,400,000	$ -	$ 157,450,000
NVTA 30%	$ 4,150,000	$ 4,325,000	$ 5,000,000	$ 5,050,000	$ 4,875,000	$ 2,775,000	$ 4,200,000	$ 3,650,000	$ 4,100,000	$ 3,700,000	$ 41,825,000
Federal Transportation Authority (FTA) Grant	$ 1,574,229	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,574,229
Reprogrammed VDOT Funds	$ 2,650,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,650,000
CMAQ/RSTP	$ 50,000	$ 2,918,063	$ 4,338,063	$ 1,854,250	$ 4,549,372	$ 2,700,000	$ -	$ -	$ -	$ -	$ 16,409,748
State Revenue Sharing (Including Prior Year Balances)	$ 2,400,000	$ 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	$ 15,900,000
Subtotal, Non-City Sources	*$ 19,055,729*	*$ 149,208,063*	*$ 50,273,063*	*$ 61,879,250*	*$ 37,212,977*	*$ 16,125,000*	*$ 8,250,000*	*$ 9,900,000*	*$ 26,450,000*	*$ 5,650,000*	*$ 384,004,083*
Total, All Sources	$ 113,810,986	$ 396,347,046	$ 160,940,099	$ 163,239,902	$ 138,983,524	$ 118,796,481	$ 140,808,454	$ 115,662,467	$ 123,969,521	$ 93,913,614	$ 1,566,472,095

* Of the total $62.9 million in General Obligation Bonds planned in FY 2016, $39.7 will be deferred until FY 2017 based on projected cash flow needs for capital projects.

All Uses (CIP Document Section)	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	TOTAL FY 2016 - 2025
Schools	$ 38,808,279	$ 32,000,000	$ 32,500,000	$ 31,900,000	$ 14,875,000	$ 15,000,000	$ 22,900,000	$ 37,000,000	$ 37,400,000	$ 29,000,000	$ 291,383,279
Community Development	$ 3,681,000	$ 2,928,000	$ 7,686,500	$ 11,285,500	$ 10,040,500	$ 9,417,500	$ 18,315,500	$ 12,387,500	$ 5,972,500	$ 15,287,500	$ 97,002,000
Recreation & Parks	$ 15,205,000	$ 14,959,000	$ 26,472,000	$ 8,302,000	$ 8,657,605	$ 7,974,000	$ 7,847,000	$ 7,997,000	$ 7,847,000	$ 8,047,000	$ 113,307,605
Public Buildings	$ 9,443,000	$ 13,750,000	$ 11,467,000	$ 6,830,000	$ 28,245,000	$ 23,770,000	$ 42,142,000	$ 18,943,000	$ 13,883,000	$ 4,578,000	$ 173,051,000
Transit & Transportation	$ 34,691,729	$ 316,813,063	$ 60,568,063	$ 80,384,250	$ 48,589,372	$ 32,930,000	$ 26,205,000	$ 27,180,000	$ 43,880,000	$ 22,030,000	$ 693,271,477
Sanitary Sewers	$ 1,000,000	$ 6,850,000	$ 12,925,000	$ 17,175,000	$ 17,870,000	$ 19,750,000	$ 13,150,000	$ 1,400,000	$ 1,800,000	$ 1,400,000	$ 93,320,000
Stormwater Management	$ 3,390,000	$ 2,987,000	$ 4,008,000	$ 2,000,000	$ 4,225,000	$ 4,225,000	$ 4,250,000	$ 4,850,000	$ 7,750,000	$ 7,750,000	$ 45,435,000
Information Technology	$ 5,585,000	$ 5,197,000	$ 4,545,240	$ 4,591,000	$ 5,705,000	$ 4,950,000	$ 5,215,000	$ 5,117,000	$ 4,645,000	$ 5,025,000	$ 50,575,240
Other Regional Contributions	$ 826,978	$ 862,983	$ 768,296	$ 772,152	$ 776,047	$ 779,981	$ 783,954	$ 787,967	$ 792,021	$ 796,114	$ 7,946,493
City Council Contingency	$ 1,180,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,180,000
TOTAL ALL USES	$ 113,810,986	$ 396,347,046	$ 160,940,099	$ 163,239,902	$ 138,983,524	$ 118,796,481	$ 140,808,454	$ 115,662,467	$ 123,969,521	$ 93,913,614	$ 1,566,472,095

% FROM BONDS	55.3%	68.5%	54.7%	49.4%	58.3%	68.3%	78.8%	71.0%	59.7%	68.6%	63.6%
% FROM CITY AND OTHER CASH SOURCES	44.7%	31.5%	45.3%	50.6%	41.7%	31.7%	21.2%	29.0%	40.3%	31.4%	36.4%

Table 2
Approved FY 2016 – 2025 Capital Improvement Program
Sources and Uses of Funds
For the Ten Fiscal Years Ending June 30, 2025

CITY FUNDED SOURCES:	Reucrring Cash Capital /1	Projected Debt Service /2	Total General Fund
Planned Future General Fund Appropriations to Support the Capital Projects Fund, FY 2016 - 2025			
FY 2016	$16,225,541	$65,662,351	$81,887,892
FY 2017	$18,083,546	$74,130,629	$92,214,175
FY 2018	$17,906,599	$80,071,108	$97,977,707
FY 2019	$18,420,652	$92,347,738	$110,768,390
FY 2020	$18,959,547	$95,380,636	$114,340,183
FY 2021	$19,834,481	$97,989,814	$117,824,295
FY 2022	$19,800,454	$103,216,705	$123,017,159
FY 2023	$21,876,467	$110,535,225	$132,411,692
FY 2024	$21,743,521	$115,539,010	$137,282,531
FY 2025	$22,105,614	$121,780,415	$143,886,029
Total Planned Future Appropriations	$194,956,422	$956,653,633	$1,151,610,055

1 / Includes only recurring Cash Capital and TIP cash, but not one-time cash sources.

2 / Includes planned Sanitary Sewer and Potomac Yard debt service.

Planned General Obligation Bond Issues:	
FY 2016 /1	$62,911,279
FY 2017	$221,674,000
FY 2018	$87,954,000
FY 2019	$80,690,000
FY 2020	$81,061,000
FY 2021	$81,087,000
FY 2022 /2	$111,008,000
FY 2023	$82,136,000
FY 2024	$74,026,000
FY 2025	$64,408,000
Total Planned General Obligation Bond Issues	$946,955,279

1 / $39.7 million in GO Bonds budgeted in FY 2016 will be issued in FY 2017 based on projected cash flow analysis.

2 / $15.0 million in GO Bonds budgeted in FY 2022 will be issued in FY 2023 based on projected cash flow analysis.

Planned Other City Sources	
Bond Interest Earnings	$2,350,000
Sale of Property Revenue	$4,220,000
Prior Year Project Close-Out/Available Balances (City)	$11,412,000
Sanitary Sewer Fees	$10,300,000
Reprogrammed Transportation Impovement Program Balances	$5,875,000
Potomac Yard Metro Special Revenues	$3,000,000
Other CIP Cash Revenue	$3,399,311
Total Planned Other City Sources	$40,556,312
TOTAL CITY SOURCES (FY 2016 - FY 2025)	$1,182,468,013

Table 2 (Continued)
Approved FY 2016 – 2025 Capital Improvement Program
Sources and Uses of Funds
For the Ten Fiscal Years Ending June 30, 2025

Approved FY 2016 - 2025 City Funded CIP	
FY 2016 Approved Capital Budget	$94,755,257
FY 2017 Approved Capital Budget	$247,138,983
FY 2018 ApprovedCapital Budget	$110,667,036
FY 2019 Approved Capital Budget	$101,360,652
FY 2020 Approved Capital Budget	$101,770,547
FY 2021 Approved Capital Budget	$102,671,481
FY 2022 Approved Capital Budget	$132,558,454
FY 2023 Approved Capital Budget	$105,762,467
FY 2024 Approved Capital Budget	$97,519,521
FY 2025 Approved Capital Budget	$88,263,614
TOTAL CITY FUNDED USES (FY 2016 - FY 2025) / 1	$1,182,468,013

Table 3
Approved FY 2016 - 2025 Capital Improvement Program
All Funding Sources

Note: Excludes active capital projects that do not require additonal resources the FY 2016 -2025 CIP.

Funding Source/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Cash Capital											
ACPS											
ACPS Total Funding	4,000,000	4,000,000	4,000,000	4,000,000	3,000,000	3,000,000	4,000,000	4,000,000	4,000,000	4,000,000	38,000,000
Community Development											
Braddock Road Area Plan - Streetscape Improvements	204,000	0	0	0	45,000	45,000	45,000	45,000	45,000	45,000	474,000
City Marina Waterfront Dredging	0	0	0	0	0	500,000	0	0	0	0	500,000
Citywide Street Lighting	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Environmental Restoration	0	150,000	0	150,000	0	150,000	0	150,000	0	150,000	750,000
Gadsby Lighting Fixtures & Poles Replacement	150,000	150,000	0	75,000	0	75,000	0	75,000	0	75,000	600,000
King Street Plan Implementation	0	0	150,000	250,000	250,000	250,000	0	0	0	0	900,000
Oronoco Outfall	300,000	0	0	0	0	0	0	0	0	0	300,000
Public Art Acquisition	0	250,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,650,000
Public Art Conservation Program	15,000	15,000	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	210,000
Transportation Signage & Wayfinding System	0	200,000	515,000	361,000	432,000	241,000	0	0	0	0	1,749,000
Waterfront Small Area Plan Implementation (w/ Construction Funding)	1,000,000	110,000	0	0	0	0	0	0	0	0	1,110,000
IT Plan											
AJIS Enhancements	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	600,000
Business Tax System/Reciprocity Contractor System	0	0	90,000	0	0	0	100,000	382,000	0	0	572,000
Computer Aided Dispatch (CAD) System Replacement	0	635,000	315,000	1,111,000	265,000	0	0	0	0	0	2,326,000
Customer Relationship Management System	0	200,000	500,000	50,000	25,000	25,000	100,000	25,000	25,000	25,000	975,000
Database Infrastructure	40,000	40,000	40,000	40,000	40,000	40,000	0	0	0	0	240,000
Electronic Government	0	285,000	0	0	0	0	0	0	0	0	285,000
Employee Pension Administration System	0	0	300,000	50,000	0	0	0	175,000	25,000	0	550,000
EMS Records Management System	0	0	0	0	0	425,000	0	0	0	0	425,000
Enterprise Collaboration (Including AlexStat Hardware & Software)	40,000	40,000	40,000	40,000	40,000	0	0	0	0	0	200,000
Enterprise Data Storage Infrastructure	0	0	0	200,000	200,000	0	0	0	0	0	400,000
Enterprise Maintenance Mgmt System	100,000	130,000	100,000	40,000	40,000	40,000	0	0	0	0	450,000
Enterprise Resource Planning System	130,000	100,000	100,000	100,000	100,000	0	0	0	0	0	530,000
GIS Development	0	80,000	100,000	0	100,000	50,000	200,000	0	0	0	530,000
HIPAA & Related Health Information Technologies	25,000	25,000	25,000	25,000	50,000	25,000	25,000	25,000	25,000	50,000	300,000
Information Technology Equipment Replacement	0	200,000	400,000	620,000	620,000	0	0	0	0	0	1,840,000
Information Technology Lump Sum Funding	0	0	0	0	250,000	3,550,000	4,000,000	4,000,000	4,000,000	4,000,000	19,800,000
IT Enterprise Management System	0	150,000	20,000	20,000	100,000	0	0	0	0	0	290,000
LAN Development	0	15,000	25,000	25,000	25,000	0	0	0	0	0	90,000
LAN/WAN Infrastructure	0	100,000	100,000	360,000	260,000	0	0	0	0	0	820,000
Library Public Access Computers and Print Mgmt System	0	100,000	0	0	0	0	85,000	0	0	0	185,000
Migration of Integrated Library System to SAAS Platform	42,000	27,000	30,240	0	0	0	0	0	0	0	99,240
Network Server Infrastructure	0	260,000	175,000	175,000	500,000	0	0	0	0	0	1,110,000
Personal Property Tax System	0	0	90,000	460,000	0	0	0	0	60,000	280,000	890,000
Phone, Web, Portable Device Payment Portals	106,000	640,000	0	0	340,000	0	0	0	0	160,000	1,246,000
Real Estate Account Receivable System	175,000	60,000	0	0	0	0	120,000	0	0	0	355,000
Real Estate Assessment System (CAMA)	0	0	0	40,000	620,000	210,000	0	0	0	0	870,000
Remote Access	0	250,000	150,000	150,000	150,000	75,000	75,000	0	0	0	850,000
Replacement of City Voting Equipment	0	0	0	0	895,000	0	0	0	0	0	895,000

Funding Source/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Upgrade Work Station Operating Systems	150,000	175,000	200,000	200,000	200,000	0	0	0	0	0	925,000
Voice Over Internet Protocol (VoIP)	0	150,000	350,000	150,000	150,000	0	0	0	0	0	800,000
Other Regional Contributions											
Northern Virginia Community College (NVCC)	340,241	381,825	385,644	389,500	393,395	397,329	401,302	405,315	409,369	413,462	3,917,383
Northern Virginia Regional Park Authority (NVRPA)	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	3,826,520
Peumansend Creek Regional Jail	104,085	98,506	0	0	0	0	0	0	0	0	202,591
Public Buildings											
Animal Shelter Exterior Dog Kennels	0	58,000	0	0	0	0	0	0	0	0	58,000
Archives Public Records and Archaeology Storage Expansion	150,000	0	0	0	0	0	0	0	0	0	150,000
Beatley Building Envelope Restoration	0	150,000	0	0	0	0	0	0	0	0	150,000
Building Physical Conditions Assessment	108,000	200,000	95,000	0	0	0	100,000	100,000	100,000	0	703,000
City Hall HVAC & Infrastructure Replacement	0	250,000	100,000	100,000	500,000	500,000	950,000	400,000	0	0	2,800,000
City Historic Facilities CFMP	220,000	95,000	95,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	1,320,000
City Wide Storage Capacity Assessment	65,000	0	0	0	0	0	0	0	0	0	65,000
Courthouse Renovations - HVAC and CFMP	0	0	150,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	325,000
Courthouse-General District Court Clerk's Office Payment Center	160,000	0	0	0	0	0	0	0	0	0	160,000
Elevator Replacement/Refurbishment	100,000	20,000	50,000	60,000	23,000	100,000	120,000	60,000	60,000	60,000	653,000
Ellen Coolidge Burke Facility Space Planning	50,000	0	0	0	0	0	0	0	0	0	50,000
Emergency Generators	0	125,000	125,000	125,000	25,000	25,000	50,000	125,000	25,000	108,000	733,000
Energy Management Program	0	130,000	90,000	100,000	110,000	110,000	130,000	150,000	170,000	130,000	1,120,000
Fire Department CFMP	175,000	100,000	120,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,270,000
Fire Station 203 (Cameron Mills)	500,000	0	0	0	0	0	0	0	0	0	500,000
Fire Station 205 (Cameron Street)	0	0	0	0	0	0	1,000,000	0	0	0	1,000,000
Fire Station 206 (Seminary Rd)	0	0	0	0	0	500,000	0	500,000	0	0	1,000,000
Fire Station 207 (Duke Street)	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000
Fire Station 211 (Beauregard)	0	0	0	0	0	200,000	0	0	0	0	200,000
Gadsby's Tavern Restaurant Kitchen Equipment	0	245,000	0	0	0	0	0	0	0	0	245,000
Gadsy's Tavern Elevator Design and Construction	0	0	0	0	0	0	0	250,000	0	0	250,000
General Services CFMP	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Library CFMP	175,000	95,000	50,000	50,000	75,000	75,000	75,000	75,000	75,000	75,000	820,000
Market Square Plaza and Garage Structural Repairs	90,000	190,000	0	0	0	0	0	0	0	0	280,000
Mental Health Residential Facilities CFMP	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Office of the Sheriff CFMP	335,000	335,000	220,000	320,000	220,000	220,000	220,000	220,000	220,000	220,000	2,530,000
Old Town Parking Garage Ticketing Modernization	250,000	0	0	0	0	0	0	0	0	0	250,000
Roof Replacement Program	0	0	0	0	130,000	50,000	50,000	160,000	50,000	50,000	490,000
Torpedo Factory Space Programming Study	0	0	250,000	0	0	0	0	0	0	0	250,000
Vola Lawson Animal Shelter	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	300,000
Recreation & Parks											
Americans with Disabilities Act (ADA) Requirements	450,000	250,000	250,000	250,000	250,000	100,000	100,000	100,000	100,000	100,000	1,950,000
Athletic Field Improvements (incl. Synthetic Turf)	0	210,000	250,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,860,000
Athletic Field Restroom Renovations	37,000	37,000	35,000	0	0	0	0	0	0	0	109,000
Ball Court Renovations	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Chinquapin Aquatics Center	0	500,000	500,000	0	0	0	0	0	0	0	1,000,000
City Marina Maintenance	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	900,000
City Marina Utility Upgrades	187,000	0	0	0	0	0	0	0	0	0	187,000
Citywide Parks Improvements Plan	0	350,000	468,000	0	0	0	0	0	0	0	818,000
Fort Ward Management Plan Implementation	200,000	275,000	0	400,000	0	170,000	0	150,000	0	200,000	1,395,000
Major Asphalt Resurfacing in Parks	37,000	37,000	37,000	37,000	37,000	37,000	37,000	37,000	37,000	37,000	370,000
Open Space Acquisition and Develop.	0	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,250,000
Park Maintenance Facilities	0	30,000	25,000	0	0	0	0	0	0	0	55,000

Funding Source/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Park Renovations CFMP	270,000	270,000	416,000	416,000	416,000	416,000	416,000	416,000	416,000	416,000	3,868,000
Patrick Henry Recreation Center	243,000	0	0	0	0	0	0	0	0	0	243,000
Playground Renovations CFMP	462,000	225,000	272,000	320,000	372,000	272,000	315,000	315,000	315,000	315,000	3,183,000
Public Pools	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	520,000
Recreation Centers CFMP	280,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,430,000
Recreation Facilities Security Review	135,000	0	0	0	0	0	0	0	0	0	135,000
Renovation and Proactive Capital Management of Urban Forest	0	0	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,100,000
Soft Surface Trails	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	1,200,000
Tree & Shrub Capital Maintenance	226,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	3,160,000
Water Management & Irrigation	0	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	1,152,000
Waterfront Parks CFMP	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Stormwater Management											
City Facilities Stormwater Best Management Practices (BMPs)	0	212,000	233,000	0	0	0	0	0	0	0	445,000
Four Mile Run Channel Maintenance	0	0	600,000	0	0	0	0	600,000	0	0	1,200,000
MS4-TMDL Compliance Water Quality Imprv.	0	400,000	250,000	250,000	750,000	700,000	750,000	750,000	2,750,000	2,810,000	9,410,000
Storm Sewer Capacity Assessment	0	0	0	0	475,000	475,000	0	0	0	0	950,000
Stormwater Utility Study	640,000	0	0	0	0	0	0	0	0	0	640,000
Stream & Channel Maintenance	0	400,000	250,000	550,000	225,000	225,000	225,000	225,000	225,000	225,000	2,550,000
Transportation											
Bridge Repairs	0	225,000	175,000	75,000	125,000	75,000	175,000	75,000	175,000	75,000	1,175,000
City Standard Construction Specifications	100,000	0	0	0	0	0	0	0	0	0	100,000
Complete Streets	441,000	630,000	630,000	630,000	430,000	430,000	430,000	430,000	430,000	430,000	4,911,000
Fixed Transportation Equipment	225,000	225,000	425,000	225,000	225,000	225,000	225,000	575,000	325,000	325,000	3,000,000
Hybrid Bus and Trolley Battery Pack Replacement	100,000	150,000	250,000	300,000	350,000	350,000	400,000	500,000	550,000	450,000	3,400,000
Shared-Use Paths	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Sidewalk Capital Maintenance	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Street Reconstruction & Resurfacing of Major Roads	2,575,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	2,000,000	2,000,000	10,075,000
Traffic Control Upgrade	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Cash Capital Total	17,881,978	18,964,983	19,463,036	17,920,652	18,459,547	18,984,481	19,550,454	20,126,467	20,743,521	21,355,614	193,450,734
CMAQ/RSTP											
Transportation											
Backlick Run Multi-Use Paths	0	0	0	200,000	1,910,000	0	0	0	0	0	2,110,000
Bicycle Parking at Metro Stations	50,000	500,000	0	100,000	100,000	0	0	0	0	0	750,000
Bus Shelters and Benches	0	0	270,000	0	0	600,000	0	0	0	0	870,000
Capital Bikeshare	0	500,000	693,063	264,250	320,000	350,000	0	0	0	0	2,127,313
Complete Streets	0	0	0	340,000	0	0	0	0	0	0	340,000
DASH NEPP Implementation	0	0	0	0	450,000	750,000	0	0	0	0	1,200,000
Intelligent Transportation Systems (ITS) Integration	0	1,918,063	0	0	0	0	0	0	0	0	1,918,063
Old Cameron Run Trail	0	0	2,095,000	0	0	0	0	0	0	0	2,095,000
Parking Technologies	0	0	110,000	200,000	0	500,000	0	0	0	0	810,000
Route 1 Transitway (NEPP)	0	0	0	500,000	500,000	500,000	0	0	0	0	1,500,000
Transportation Master Plan Update	0	0	500,000	0	0	0	0	0	0	0	500,000
Van Dorn Metrorail Station Area Imprv.	0	0	670,000	0	0	0	0	0	0	0	670,000
Van Dorn/Beauregard Bicycle Facilities	0	0	0	250,000	1,269,372	0	0	0	0	0	1,519,372
CMAQ/RSTP Total	50,000	2,918,063	4,338,063	1,854,250	4,549,372	2,700,000	0	0	0	0	16,409,748
Code Enterprise Fund											
IT Plan											
Permit Processing	1,750,000	0	0	0	0	0	0	0	0	0	1,750,000
Code Enterprise Fund Total	1,750,000	0	0	0	0	0	0	0	0	0	1,750,000

Funding Source/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Comcast Revenue											
IT Plan											
Connectivity Initiatives	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	4,500,000
Enterprise Data Storage Infrastructure	200,000	400,000	400,000	0	0	0	0	0	0	0	1,000,000
Information Technology Equipment Replacement	300,000	0	0	0	0	0	0	0	0	0	300,000
IT Enterprise Management System	50,000	0	0	0	0	0	0	0	0	0	50,000
LAN Development	65,000	0	0	0	0	0	0	0	0	0	65,000
LAN/WAN Infrastructure	560,000	260,000	260,000	0	0	0	0	0	0	0	1,080,000
Network Security	325,000	225,000	225,000	225,000	225,000	0	0	0	0	0	1,225,000
Network Server Infrastructure	300,000	140,000	0	0	0	0	0	0	0	0	440,000
Voice Over Internet Protocol (VoIP)	250,000	0	0	0	0	0	0	0	0	0	250,000
Comcast Revenue Total	2,500,000	1,475,000	1,335,000	675,000	675,000	450,000	450,000	450,000	450,000	450,000	8,910,000
FTA Grant											
Transportation											
South Eisenhower Metrorail Station - South Entrance	1,574,229	0	0	0	0	0	0	0	0	0	1,574,229
FTA Grant Total	1,574,229	0	0	0	0	0	0	0	0	0	1,574,229
GO Bonds											
ACPS											
ACPS Total Funding	34,808,279	28,000,000	28,500,000	27,900,000	11,875,000	12,000,000	18,900,000	33,000,000	33,400,000	25,000,000	253,383,279
Community Development											
City Marina Waterfront Dredging	0	0	0	0	0	0	4,000,000	0	0	0	4,000,000
Fire Department Vehicles & Apparatus	1,237,000	1,378,000	874,000	2,852,000	3,446,000	2,009,000	2,583,000	2,500,000	4,000,000	2,000,000	22,879,000
Waterfront Small Area Plan Implementation (w/ Construction Funding)	0	0	5,800,000	7,250,000	2,520,000	5,200,000	11,340,000	7,570,000	1,580,000	12,670,000	53,930,000
Public Buildings											
Adult Detention Center HVAC Replacement	295,000	0	0	0	0	0	0	0	0	0	295,000
Animal Shelter Exterior Dog Kennels	0	200,000	0	0	0	0	0	0	0	0	200,000
Beatley Building Envelope Restoration	0	0	1,020,000	0	0	0	0	0	0	0	1,020,000
City Hall HVAC & Infrastructure Replacement	0	400,000	400,000	400,000	3,925,000	10,640,000	32,400,000	2,240,000	0	0	50,405,000
City Historic Facilities CFMP	125,000	250,000	250,000	215,000	215,000	215,000	215,000	215,000	215,000	215,000	2,130,000
Courthouse Renovations - HVAC and CFMP	250,000	250,000	0	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,375,000
Elevator Replacement/Refurbishment	940,000	190,000	495,000	540,000	207,000	900,000	1,080,000	540,000	540,000	540,000	5,972,000
Emergency Generators	0	387,000	615,000	375,000	0	0	157,000	325,000	0	0	1,859,000
Energy Management Program	0	520,000	365,000	395,000	440,000	440,000	520,000	600,000	680,000	505,000	4,465,000
Fire Department CFMP	225,000	300,000	280,000	275,000	275,000	275,000	275,000	275,000	275,000	275,000	2,730,000
Fire Station 203 (Cameron Mills)	500,000	6,305,000	0	0	0	0	0	0	0	0	6,805,000
Fire Station 205 (Cameron Street)	0	0	0	0	0	0	2,400,000	0	7,873,000	0	10,273,000
Fire Station 206 (Seminary Rd)	0	0	0	0	0	220,000	0	10,308,000	0	0	10,528,000
Fire Station 207 (Duke Street)	0	0	2,500,000	0	14,700,000	0	0	0	0	0	17,200,000
Fire Station 211 (Beauregard)	0	0	0	0	0	1,800,000	0	0	0	0	1,800,000
Gadsy's Tavern Elevator Design and Construction	0	0	0	0	0	0	0	0	1,200,000	0	1,200,000
General Services CFMP	800,000	1,000,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	11,400,000
Library CFMP	0	190,000	50,000	50,000	75,000	75,000	75,000	75,000	75,000	75,000	740,000
Market Square Plaza and Garage Structural Repairs	860,000	360,000	0	0	0	0	0	0	0	0	1,220,000
Office of the Sheriff CFMP	125,000	125,000	240,000	140,000	240,000	240,000	240,000	240,000	240,000	240,000	2,070,000
Pistol Range	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
Roof Replacement Program	965,000	700,000	1,227,000	500,000	0	0	0	0	0	0	3,392,000
Recreation & Parks											
Athletic Field Improvements (incl. Synthetic Turf)	0	1,400,000	2,250,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	16,250,000
Athletic Field Restroom Renovations	333,000	333,000	315,000	0	0	0	0	0	0	0	981,000
Ball Court Renovations	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	1,350,000

Funding Source/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Chinquapin Aquatics Center	0	4,000,000	14,850,000	0	0	0	0	0	0	0	18,850,000
City Marina Maintenance	100,000	250,000	0	0	0	0	0	0	0	0	350,000
City Marina Utility Upgrades	0	1,063,000	0	0	0	0	0	0	0	0	1,063,000
Major Asphalt Resurfacing in Parks	213,000	213,000	213,000	213,000	213,000	213,000	213,000	213,000	213,000	213,000	2,130,000
Open Space Acquisition and Develop.	0	0	250,000	1,250,000	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	12,000,000
Park Maintenance Facilities	0	0	225,000	0	0	0	0	0	0	0	225,000
Patrick Henry Recreation Center	5,700,000	0	0	0	0	0	0	0	0	0	5,700,000
Playground Renovations CFMP	250,000	250,000	250,000	250,000	250,000	350,000	350,000	350,000	350,000	350,000	3,000,000
Recreation Centers CFMP	300,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,450,000
Warwick Pool Renovation	0	2,150,000	0	0	0	0	0	0	0	0	2,150,000
Windmill Hill Park Improvements	5,000,000	0	0	0	0	0	0	0	0	0	5,000,000
Sanitary Sewers											
Sewer Assessment & Rehabilitation	0	0	0	1,850,000	1,275,000	1,275,000	0	0	0	0	4,400,000
Stormwater Management											
Cameron Station Pond Retrofit	500,000	625,000	625,000	0	0	0	0	0	0	0	1,750,000
City Facilities Stormwater Best Management Practices (BMPs)	0	200,000	900,000	0	0	0	0	0	0	0	1,100,000
Green Infrastructure in CSO Areas	250,000	0	0	0	0	0	0	0	0	0	250,000
MS4-TMDL Compliance Water Quality Imprv.	0	0	250,000	250,000	2,250,000	2,300,000	2,750,000	2,750,000	4,250,000	4,190,000	18,990,000
Storm Sewer System Spot Improvements	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Stream & Channel Maintenance	0	850,000	600,000	650,000	225,000	225,000	225,000	225,000	225,000	225,000	3,450,000
Transportation											
Bridge Repairs	0	75,000	525,000	225,000	575,000	225,000	525,000	225,000	525,000	225,000	3,125,000
Complete Streets	200,000	200,000	200,000	200,000	400,000	400,000	400,000	400,000	400,000	400,000	3,200,000
DASH Bus Fleet Replacements	0	0	650,000	0	675,000	675,000	675,000	700,000	700,000	700,000	4,775,000
Fixed Transportation Equipment	625,000	625,000	1,025,000	625,000	625,000	625,000	625,000	1,775,000	525,000	525,000	7,600,000
Street Reconstruction & Resurfacing of Major Roads	175,000	3,300,000	3,300,000	3,500,000	3,500,000	3,500,000	3,500,000	2,300,000	800,000	800,000	24,675,000
WMATA Capital Contributions	6,250,000	4,950,000	5,000,000	12,550,000	11,900,000	14,150,000	9,750,000	9,250,000	9,500,000	9,200,000	92,500,000
City Council Contingency											
Maury Schoolyard Initiative	250,000	0	0	0	0	0	0	0	0	0	250,000
GO Bonds Total	62,911,279	61,824,000	76,029,000	66,365,000	65,466,000	63,612,000	98,858,000	81,736,000	73,226,000	64,008,000	714,035,279
GO Bonds - Potomac Yard											
Transportation											
Potomac Yard Metrorail Station	0	154,000,000	0	0	0	0	0	0	0	0	154,000,000
GO Bonds - Potomac Yard Total	0	154,000,000	0	0	0	0	0	0	0	0	154,000,000
GO Bonds - Sanitary Sewer											
Sanitary Sewers											
AlexRenew Wastewater Treatment Plant Capacity	0	0	0	0	11,070,000	11,400,000	11,750,000	0	0	0	34,220,000
Citywide Sewershed Infiltration & Inflow	0	3,000,000	2,375,000	3,075,000	2,850,000	4,000,000	0	0	0	0	15,300,000
Reconstructions & Extensions of Sanitary Sewers	0	850,000	800,000	400,000	400,000	800,000	400,000	400,000	800,000	400,000	5,250,000
Sewer Assessment & Rehabilitation	0	0	0	1,850,000	1,275,000	1,275,000	0	0	0	0	4,400,000
Wet Weather Management Facility	0	2,000,000	8,750,000	9,000,000	0	0	0	0	0	0	19,750,000
GO Bonds - Sanitary Sewer Total	0	5,850,000	11,925,000	14,325,000	15,595,000	17,475,000	12,150,000	400,000	800,000	400,000	78,920,000
Land Water Conservation Fund Grant											
Recreation & Parks											
Playground Renovations CFMP	200,000	0	0	0	0	0	0	0	0	0	200,000
Land Water Conservation Fund Grant Total	200,000	0	0	0	0	0	0	0	0	0	200,000

Funding Source/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
NVTA - 30%											
Transportation											
Cameron & Prince Bicycle & Pedestrian Facilities	300,000	0	0	0	0	0	0	0	0	0	300,000
DASH Bus Fleet Replacements	3,250,000	3,250,000	3,250,000	4,050,000	3,375,000	2,125,000	2,700,000	1,400,000	2,100,000	1,400,000	26,900,000
Van Dorn Metrorail Station Area Imprv.	0	425,000	0	0	0	0	0	0	0	0	425,000
WMATA Capital Contributions	600,000	650,000	1,750,000	1,000,000	1,500,000	650,000	1,500,000	2,250,000	2,000,000	2,300,000	14,200,000
NVTA - 30% Total	4,150,000	4,325,000	5,000,000	5,050,000	4,875,000	2,775,000	4,200,000	3,650,000	4,100,000	3,700,000	41,825,000
NVTA - 70%											
Transportation											
Landmark Transit Station	0	0	0	0	0	0	0	600,000	5,400,000	0	6,000,000
Potomac Yard Metrorail Station	1,000,000	66,000,000	0	0	0	0	0	0	0	0	67,000,000
Transit Corridor "A" - Crystal City/Potomac Yard Streetcars	0	0	0	0	0	3,000,000	0	0	0	0	3,000,000
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	0	0	0	0	210,000	0	2,100,000	2,000,000	15,000,000	0	19,310,000
Transit Corridor "C" - Beauregard	2,400,000	19,740,000	20,000,000	20,000,000	0	0	0	0	0	0	62,140,000
NVTA - 70% Total	3,400,000	85,740,000	20,000,000	20,000,000	210,000	3,000,000	2,100,000	2,600,000	20,400,000	0	157,450,000
Potomac Yard Special Tax District											
Transportation											
Potomac Yard Metrorail Station	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
Potomac Yard Special Tax District Total	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
Prior Year/Close-Out (City)											
Community Development											
Fire Department Vehicles & Apparatus	250,000	0	0	0	0	0	0	0	0	0	250,000
Waterfront Small Area Plan Implementation (w/ Construction Funding)	500,000	0	0	0	0	0	0	0	0	0	500,000
IT Plan											
Document Imaging	50,000	0	0	0	0	0	0	0	0	0	50,000
HIPAA & Related Health Information Technologies	28,000	0	0	0	0	0	0	0	0	0	28,000
Phone, Web, Portable Device Payment Portals	54,000	0	0	0	0	0	0	0	0	0	54,000
Project Management Software	185,000	0	0	0	0	0	0	0	0	0	185,000
Real Estate Account Receivable System	150,000	0	0	0	0	0	0	0	0	0	150,000
Public Buildings											
City Hall HVAC & Infrastructure Replacement	0	100,000	0	0	0	0	0	0	0	0	100,000
Recreation & Parks											
Open Space Acquisition and Develop.	0	1,250,000	1,500,000	1,000,000	500,000	500,000	500,000	500,000	500,000	500,000	6,750,000
Recreation Centers CFMP	120,000	0	0	0	0	0	0	0	0	0	120,000
Transportation											
DASH Bus Fleet Replacements	0	650,000	0	0	0	0	0	0	0	0	650,000
Duke Street Reconstruction	600,000	0	0	0	0	0	0	0	0	0	600,000
Street Reconstruction & Resurfacing of Major Roads	975,000	0	0	0	0	0	0	0	0	0	975,000
WMATA Capital Contributions	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000
Prior Year/Close-Out (City) Total	2,912,000	3,000,000	1,500,000	1,000,000	500,000	500,000	500,000	500,000	500,000	500,000	11,412,000
Private Capital Contributions											
Community Development											
Waterfront Small Area Plan Implementation (w/ Construction Funding)	0	650,000	0	0	3,000,000	600,000	0	1,700,000	0	0	5,950,000
Public Buildings											
Fire Station 211 (Beauregard)	0	0	0	1,100,000	5,000,000	5,100,000	0	0	0	0	11,200,000
Recreation & Parks											
Braddock Area Plan Park	0	0	0	0	703,605	0	0	0	0	0	703,605
Chinquapin Aquatics Center	0	0	2,500,000	0	0	0	0	0	0	0	2,500,000

Funding Source/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Transportation											
East Glebe & Route 1	0	0	0	3,000,000	0	0	0	0	0	0	3,000,000
King/Quaker Lane/Braddock Rd. Intersection	381,500	0	0	0	0	0	0	0	0	0	381,500
Seminary Road at Beauregard Street Ellipse	0	0	3,500,000	16,200,000	16,700,000	0	0	0	0	0	36,400,000
Transit Corridor "C" - Beauregard	0	2,600,000	12,100,000	12,500,000	0	0	0	0	0	0	27,200,000
Private Capital Contributions Total	381,500	3,250,000	18,100,000	32,800,000	25,403,605	5,700,000	0	1,700,000	0	0	87,335,105
Reprogrammed TIP Bonds											
Transportation											
DASH Bus Fleet Replacements	660,000	0	0	0	0	0	0	0	0	0	660,000
Duke Street Reconstruction	75,000	0	0	0	0		0	0	0	0	75,000
King Street Metrorail Station Area Improvements	1,225,000	0	0	0	0	0	0	0	0	0	1,225,000
Mt. Vernon Trail @ East Abingdon	85,000	0	0	0	0	0	0	0	0	0	85,000
Old Cameron Run Trail	100,000	0	0	0	0	0	0	0	0	0	100,000
Transportation Technologies	115,000	0	0	0	0	0	0	0	0	0	115,000
Van Dorn Metrorail Station Area Imprv.	0	750,000	0	0	0	0	0	0	0	0	750,000
WMATA Capital Contributions	1,460,000	0	0	0	0	0	0	0	0	0	1,460,000
City Council Contingency											
Future Transportation Commission Priorities	930,000	0	0	0	0	0	0	0	0	0	930,000
Reprogrammed TIP Bonds Total	4,650,000	750,000	0	0	0	0	0	0	0	0	5,400,000
Reprogrammed TIP Cash											
Transportation											
King Street Metrorail Station Area Improvements	150,000	0	0	0	0	0	0	0	0	0	150,000
Van Dorn Metrorail Station Area Imprv.	0	325,000	0	0	0	0	0	0	0	0	325,000
Reprogrammed TIP Cash Total	150,000	325,000	0	0	0	0	0	0	0	0	475,000
Reprogrammed VDOT Funds											
Transportation											
Edsall and South Pickett Pedestrian Imprv.	325,000	0	0	0	0	0	0	0	0	0	325,000
King Street Metrorail Station Area Improvements	2,325,000	0	0	0	0	0	0	0	0	0	2,325,000
Reprogrammed VDOT Funds Total	2,650,000	0	0	0	0	0	0	0	0	0	2,650,000
Sanitary Sewer Fees											
Sanitary Sewers											
Combined Sewer Separation Projects	0	400,000	600,000	200,000	200,000	600,000	200,000	200,000	600,000	200,000	3,200,000
Combined Sewer System (CSS) Permit Compliance	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Four Mile Run Sanitary Sewer Repair	200,000	0	0	0	0	0	0	0	0	0	200,000
Reconstructions & Extensions of Sanitary Sewers	500,000	50,000	100,000	500,000	500,000	100,000	500,000	500,000	100,000	500,000	3,350,000
Wet Weather Management Facility	0	250,000	0	0	0	0	0	0	0	0	250,000
Stormwater Management											
Green Infrastructure in CSO Areas	250,000	0	0	0	0	0	0	0	0	0	250,000
Transportation											
City Standard Construction Specifications	50,000	0	0	0	0	0	0	0	0	0	50,000
Sanitary Sewer Fees Total	1,300,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,300,000
State Revenue Sharing											
Transportation											
Duke Street Reconstruction	525,000	0	0	0	0	0	0	0	0	0	525,000
Street Reconstruction & Resurfacing of Major Roads	1,875,000	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	15,375,000
State Revenue Sharing Total	2,400,000	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	15,900,000

Funding Source/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
Stormwater Local Assistance Grant											
Stormwater Management											
Cameron Station Pond Retrofit	1,750,000	0	0	0	0	0	0	0	0	0	1,750,000
Stormwater Local Assistance Grant Total	1,750,000	0	0	0	0	0	0	0	0	0	1,750,000
TIP - Cash											
Transportation											
City Standard Construction Specifications	50,000	0	0	0	0	0	0	0	0	0	50,000
High Street Construction	0	0	0	0	0	0	0	500,000	0	0	500,000
Mt. Vernon Trail @ East Abingdon	15,000	0	0	0	0	0	0	0	0	0	15,000
Parking Study	0	150,000	0	0	0	0	0	0	0	0	150,000
Street Reconstruction & Resurfacing of Major Roads	0	0	0	0	0	0	0	1,000,000	1,000,000	1,000,000	3,000,000
Transportation Technologies	135,000	175,000	0	0	250,000	0	250,000	0	250,000	0	1,060,000
Van Dorn Metro Multimodal Bridge	0	0	0	0	0	0	0	500,000	0	0	500,000
WMATA Capital Contributions	0	1,100,000	750,000	750,000	500,000	1,100,000	250,000	0	0	0	4,450,000
TIP - Cash Total	200,000	1,425,000	750,000	750,000	750,000	1,100,000	500,000	2,000,000	1,250,000	1,000,000	9,725,000
Virginia Transportation Infrastructure Bank (VTIB)											
Transportation											
Potomac Yard Metrorail Station	0	50,000,000	0	0	0	0	0	0	0	0	50,000,000
Virginia Transportation Infrastructure Bank (VTIB) Total	0	50,000,000	0	0	0	0	0	0	0	0	50,000,000
Total Approved Funding Sources FY 2016-2025	113,810,986	396,347,046	160,940,099	163,239,902	138,983,524	118,796,481	140,808,454	115,662,467	123,969,521	93,913,614	1,566,472,095

Table 4
Approved FY 2016 – 2025 Capital Improvement Program
Debt Service Indicators

Table 4 Debt Service Indicators					
	Total Debt Service	Outstanding Debt	General Government Expenditures /1	Assessed Value of Real Property (Thousands of Dollars)/2	Personal Income (Thousands of Dollars)/3
FY 2003	17,739,094	143,615,000	488,044,085	19,225,926	7,165,859
FY 2004	18,938,838	197,520,000	516,275,303	22,757,185	7,435,257
FY 2005	22,938,317	241,890,000	545,688,442	27,359,650	7,776,966
FY 2006	27,101,086	296,540,000	623,774,871	32,906,719	8,835,057
FY 2007	31,232,166	278,525,000	689,280,260	35,554,958	9,507,531
FY 2008	30,775,390	260,350,000	688,844,141	35,102,817	10,204,006
FY 2009	32,412,775	383,950,000	720,924,777	33,964,198	10,178,071
FY 2010	34,844,533	364,485,000	705,338,251	31,649,490	10,441,443
FY 2011	38,735,420	415,720,000	722,966,982	32,631,952	10,627,334
FY 2012	43,438,079	459,060,000	735,769,542	33,782,698	11,487,213
FY 2013	48,571,714	508,700,000	763,516,075	34,725,071	11,842,827
FY 2014	57,029,259	539,780,000	820,080,010	35,895,604	12,071,581
FY 2015	61,515,268	540,495,000	833,085,075	37,146,860	12,252,929
FY 2016	65,662,351	520,954,250	886,491,399	37,989,912	12,436,723
FY 2017	74,130,629	790,085,425	1,192,022,103	39,129,609	12,654,365
FY 2018	80,071,108	825,403,175	980,689,611	40,303,498	12,907,453
FY 2019 /4	92,347,738	849,626,425	1,006,735,044	41,512,603	13,230,139
FY 2020	95,380,636	872,517,625	1,008,683,745	42,757,981	13,627,043
FY 2021	97,989,814	894,148,325	1,016,572,811	44,040,720	14,069,922
FY 2022	103,216,705	926,746,625	1,064,850,385	45,361,942	14,562,369
FY 2023	110,535,225	954,579,925	1,066,664,657	46,722,800	15,072,052
FY 2024	115,539,010	956,341,725	1,103,995,517	48,124,484	15,599,574
FY 2025	121,780,415	943,828,025	1,104,198,602	49,568,218	16,145,559

/1 General Government expenditures after FY 2015 are based on a long range forecast scenario.

/2 Presented on a calendar year basis. Future growth assumes a 3.0% increase annually.

/3 Personal income nubmers through FY 2014 taken from the Bureau of Economic Analysis.

/4 Reflects debt service for self-funded proposed Potomac Yard Metrorail Station starting in FY 2019 (Bonds issued FY 2017).

Table 4 (Continued)
Approved FY 2016 – 2025 Capital Improvement Program
Debt Service Indicators

(Indicators Exclude Exempt Sanitary Sewer Debt & Include Potomac Yard Debt)			
Fiscal Year	Ratio of Debt Service to General Governmental Expenditures	Outstanding Debt as a Percentage of Assessed Value of Real Property/1	Debt per Capita as a Percentage of Per Capita Income
Ceiling	10.0%	1.6%	An amount equal to 4.5% of total personal income
Target	8.0%	1.1%	An amount equal to 3.2 % of total personal income
FY 2003	3.6%	0.8%	2.0%
FY 2004	3.7%	0.9%	2.7%
FY 2005	4.2%	0.9%	3.1%
FY 2006	4.3%	0.9%	3.4%
FY 2007	4.5%	0.8%	2.9%
FY 2008	4.5%	0.7%	2.6%
FY 2009	4.5%	1.1%	3.8%
FY 2010	4.9%	1.2%	3.5%
FY 2011	5.3%	1.3%	3.9%
FY 2012	5.7%	1.4%	4.1%
FY 2013	5.8%	1.5%	4.3%
FY 2014	7.6%	1.5%	4.4%
FY 2015	7.7%	1.4%	4.2%
FY 2016	7.4%	1.3%	4.0%
FY 2017 / 2	6.2%	2.0%	6.0%
FY 2018	8.2%	2.0%	6.1%
FY 2019	9.2%	1.9%	6.1%
FY 2020	9.5%	1.9%	6.0%
FY 2021	9.6%	1.9%	5.9%
FY 2022	9.7%	1.9%	5.8%
FY 2023	10.4%	1.9%	5.9%
FY 2024	10.5%	1.9%	5.7%
FY 2025	11.0%	1.8%	5.5%

/1 Includes general obligation bonds and term notes. In past years, total assessed value included real and personal property. Beginning in the FY 2000 CIP, this indicator has been revised per the debt policies adopted on December 9, 1997, to include only real property.

/2 Reflects debt for self-funded proposed Potomac Yard Metrorail Station starting in FY 2017.

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 22, 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. (Debt service does not include $256,070 for Commonwealth Transportation Board in the operating budget.) 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, and affordable housing dedicated real estate tax revenues.

Table 5. City of Alexandria, VA Summary of Total General Obligation Debt Service *Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$41,595,000	$21,732,846	$63,327,846
2017	$41,900,000	$20,084,407	$61,984,407
2018	$41,710,000	$18,321,153	$60,031,153
2019	$41,505,000	$16,663,371	$58,168,371
2020	$39,155,000	$14,982,311	$54,137,311
2021	$36,390,000	$13,477,629	$49,867,629
2022	$33,540,000	$11,843,781	$45,383,781
2023	$33,580,000	$10,398,250	$43,978,250
2024	$31,640,000	$8,919,582	$40,559,582
2025	$30,275,000	$7,694,430	$37,969,430
2026	$28,195,000	$6,540,093	$34,735,093
2027	$25,060,000	$5,469,699	$30,529,699
2028	$24,980,000	$4,415,263	$29,395,263
2029	$26,150,000	$3,357,616	$29,507,616
2030	$22,045,000	$2,278,140	$24,323,140
2031	$17,245,000	$1,430,815	$18,675,815
2032	$12,845,000	$848,290	$13,693,290
2033	$9,090,000	$445,990	$9,535,990
2034	$1,800,000	$113,690	$1,913,690
2035	$1,795,000	$57,440	$1,852,440
Total	$540,495,000	$169,074,796	$709,569,796

**Does not include NVTD Debt Service of $256,070 annually through FY 2021.*

Table 6. City of Alexandria, VA GENERAL OBLIGATION BOND REFUNDING ISSUE OF $33.995 MILLION - (APRIL 2015) Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$560,000	$446,189	$1,006,189
2017	$385,000	$618,310	$1,003,310
2018	$395,000	$611,057	$1,006,057
2019	$400,000	$603,663	$1,003,663
2020	$410,000	$596,130	$1,006,130
2021	$415,000	$588,458	$1,003,458
2022	$3,490,000	$552,141	$4,042,141
2023	$3,430,000	$487,785	$3,917,785
2024	$3,365,000	$424,592	$3,789,592
2025	$6,240,000	$335,265	$6,575,265
2026	$6,100,000	$220,503	$6,320,503
2027	$3,015,000	$135,734	$3,150,734
2028	$2,935,000	$80,398	$3,015,398
2029	$2,855,000	$26,551	$2,881,551
Total	$33,995,000	$5,726,776	$39,721,776

Table 7. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $35.995 MILLION - (NOVEMBER, 2014) Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$1,800,000	$1,369,738	$3,169,738
2017	$1,800,000	$1,193,690	$2,993,690
2018	$1,800,000	$1,157,690	$2,957,690
2019	$1,800,000	$1,121,690	$2,921,690
2020	$1,800,000	$1,085,690	$2,885,690
2021	$1,800,000	$1,031,690	$2,831,690
2022	$1,800,000	$977,690	$2,777,690
2023	$1,800,000	$887,690	$2,687,690
2024	$1,800,000	$797,690	$2,597,690
2025	$1,800,000	$707,690	$2,507,690
2026	$1,800,000	$617,690	$2,417,690
2027	$1,800,000	$563,690	$2,363,690
2028	$1,800,000	$491,690	$2,291,690
2029	$1,800,000	$419,690	$2,219,690
2030	$1,800,000	$347,690	$2,147,690
2031	$1,800,000	$275,690	$2,075,690
2032	$1,800,000	$221,690	$2,021,690
2033	$1,800,000	$167,690	$1,967,690
2034	$1,800,000	$113,690	$1,913,690
2035	$1,795,000	$57,440	$1,852,440
Total	$35,995,000	$13,607,598	$49,602,598

Table 8. City of Alexandria, VA GENERAL OBLIGATION BOND REFUNDING ISSUE OF $18.635 MILLION - (MARCH, 2014) Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$3,310,000	$152,400	$3,462,400
2017	$3,180,000	$119,300	$3,299,300
2018	$3,050,000	$87,500	$3,137,500
2019	$2,915,000	$57,000	$2,972,000
2020	$2,785,000	$27,850	$2,812,850
Total	$15,240,000	$444,050	$15,684,050

Table 9. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $63.8 MILLION - (JULY, 2013) Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$3,305,000	$2,726,850	$6,031,850
2017	$3,305,000	$2,561,600	$5,866,600
2018	$3,305,000	$2,396,350	$5,701,350
2019	$3,305,000	$2,231,100	$5,536,100
2020	$3,305,000	$2,065,850	$5,370,850
2021	$3,305,000	$1,900,600	$5,205,600
2022	$3,305,000	$1,735,350	$5,040,350
2023	$3,305,000	$1,570,100	$4,875,100
2024	$3,305,000	$1,404,850	$4,709,850
2025	$3,305,000	$1,272,650	$4,577,650
2026	$3,305,000	$1,140,450	$4,445,450
2027	$3,305,000	$1,008,250	$4,313,250
2028	$3,305,000	$876,050	$4,181,050
2029	$3,305,000	$743,850	$4,048,850
2030	$3,305,000	$595,125	$3,900,125
2031	$3,305,000	$446,400	$3,751,400
2032	$3,305,000	$297,675	$3,602,675
2033	$3,310,000	$148,950	$3,458,950
Total	$59,495,000	$25,122,050	$84,617,050

Table 10. City of Alexandria, VA GENERAL OBLIGATION REFUNDING BOND ISSUE OF $17.335 MILLION - (JULY, 2012) Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$90,000	$572,700	$662,700
2017	$3,005,000	$570,000	$3,575,000
2018	$2,980,000	$449,800	$3,429,800
2019	$0	$330,600	$330,600
2020	$0	$330,600	$330,600
2021	$0	$330,600	$330,600
2022	$0	$330,600	$330,600
2023	$2,750,000	$330,600	$3,080,600
2024	$5,630,000	$248,100	$5,878,100
2025	$2,640,000	$79,200	$2,719,200
Total	$17,095,000	$3,572,800	$20,667,800

Table 11. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $76.82 MILLION - (JULY, 2012) Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$3,340,000	$3,014,725	$6,354,725
2017	$4,000,000	$2,847,725	$6,847,725
2018	$4,000,000	$2,647,725	$6,647,725
2019	$4,000,000	$2,447,725	$6,447,725
2020	$4,000,000	$2,247,725	$6,247,725
2021	$4,000,000	$2,047,725	$6,047,725
2022	$4,000,000	$1,847,725	$5,847,725
2023	$4,000,000	$1,647,725	$5,647,725
2024	$3,980,000	$1,447,725	$5,427,725
2025	$3,980,000	$1,248,725	$5,228,725
2026	$3,980,000	$1,089,525	$5,069,525
2027	$3,980,000	$930,325	$4,910,325
2028	$3,980,000	$771,125	$4,751,125
2029	$3,980,000	$611,925	$4,591,925
2030	$3,980,000	$492,525	$4,472,525
2031	$3,980,000	$373,125	$4,353,125
2032	$3,980,000	$253,725	$4,233,725
2033	$3,980,000	$129,350	$4,109,350
Total	$71,140,000	$26,096,875	$97,236,875

Table 12. City of Alexandria, VA GENERAL OBLIGATION REFUNDING BOND ISSUE OF $63.625 MILLION - (APRIL, 2012) Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$5,740,000	$2,447,400	$8,187,400
2017	$5,715,000	$2,217,800	$7,932,800
2018	$5,690,000	$1,989,200	$7,679,200
2019	$8,595,000	$1,747,375	$10,342,375
2020	$8,615,000	$1,360,600	$9,975,600
2021	$8,625,000	$972,925	$9,597,925
2022	$8,635,000	$584,800	$9,219,800
2023	$5,985,000	$239,400	$6,224,400
Total	$57,600,000	$11,559,500	$69,159,500

Table 13. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $69.95 MILLION - (JULY, 2011) Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$3,765,000	$2,421,594	$6,186,594
2017	$3,765,000	$2,233,344	$5,998,344
2018	$3,765,000	$2,045,093	$5,810,093
2019	$3,765,000	$1,856,843	$5,621,843
2020	$3,765,000	$1,722,716	$5,487,716
2021	$3,765,000	$1,640,356	$5,405,356
2022	$3,760,000	$1,522,800	$5,282,800
2023	$3,760,000	$1,353,600	$5,113,600
2024	$3,760,000	$1,203,200	$4,963,200
2025	$3,760,000	$1,085,700	$4,845,700
2026	$3,760,000	$963,500	$4,723,500
2027	$3,760,000	$827,200	$4,587,200
2028	$3,760,000	$676,800	$4,436,800
2029	$3,760,000	$526,400	$4,286,400
2030	$3,760,000	$376,000	$4,136,000
2031	$3,760,000	$225,600	$3,985,600
2032	$3,760,000	$75,200	$3,835,200
Total	$63,950,000	$20,755,946	$84,705,946

Table 14. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $17.0 MILLION - A (JULY, 2010)* Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$3,700,000	$240,500	$3,940,500
2017	$3,700,000	$74,000	$3,774,000
Total	$7,400,000	$314,500	$7,714,500

* Tax-exempt portion of bond issuance

Table 15. City of Alexandria, VA
BUILD AMERICA BOND ISSUE OF $55.3 MILLION - B (JULY, 2010)*
Debt Outstanding at June 30, 2015

Fiscal Year	Principal	Interest	Total
2016	$0	$2,514,900	$2,514,900
2017	$0	$2,514,900	$2,514,900
2018	$3,700,000	$2,448,300	$6,148,300
2019	$3,700,000	$2,308,625	$6,008,625
2020	$3,700,000	$2,158,775	$5,858,775
2021	$3,700,000	$2,007,075	$5,707,075
2022	$3,700,000	$1,853,525	$5,553,525
2023	$3,700,000	$1,693,500	$5,393,500
2024	$3,700,000	$1,528,850	$5,228,850
2025	$3,700,000	$1,360,500	$5,060,500
2026	$3,700,000	$1,186,600	$4,886,600
2027	$4,400,000	$988,900	$5,388,900
2028	$4,400,000	$770,000	$5,170,000
2029	$4,400,000	$550,000	$4,950,000
2030	$4,400,000	$330,000	$4,730,000
2031	$4,400,000	$110,000	$4,510,000
Total	$55,300,000	$24,324,450	$79,624,450

* Build America Bond portion of issuance; payment schedule does not reflect the Federal B.A.B. subsidy

Table 16. City of Alexandria, VA BUILD AMERICA BOND ISSUE OF $44.5 MILLION - B (JUNE, 2009)* Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$0	$2,380,250	$2,380,250
2017	$0	$2,380,250	$2,380,250
2018	$0	$2,380,250	$2,380,250
2019	$0	$2,380,250	$2,380,250
2020	$0	$2,380,250	$2,380,250
2021	$4,100,000	$2,280,825	$6,380,825
2022	$4,100,000	$2,078,900	$6,178,900
2023	$4,100,000	$1,871,850	$5,971,850
2024	$4,100,000	$1,660,700	$5,760,700
2025	$4,100,000	$1,445,450	$5,545,450
2026	$4,800,000	$1,207,200	$6,007,200
2027	$4,800,000	$945,600	$5,745,600
2028	$4,800,000	$679,200	$5,479,200
2029	$4,800,000	$409,200	$5,209,200
2030	$4,800,000	$136,800	$4,936,800
Total	$44,500,000	$24,616,975	$69,116,975

* Build America Bond portion of issuance; payment schedule does not reflect the Federal B.A.B. subsidy

Table 17. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $35.2 MILLION - A (JUNE, 2009)* Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$4,100,000	$676,500	$4,776,500
2017	$4,100,000	$553,500	$4,653,500
2018	$4,100,000	$410,000	$4,510,000
2019	$4,100,000	$246,000	$4,346,000
2020	$4,100,000	$82,000	$4,182,000
Total	$20,500,000	$1,968,000	$22,468,000

* Tax-exempt portion of bond issuance

Table 18. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $58.0 MILLION - A (JULY, 2008)* Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$3,100,000	$767,250	$3,867,250
2017	$3,100,000	$612,250	$3,712,250
2018	$3,100,000	$379,750	$3,479,750
2019	$3,100,000	$317,750	$3,417,750
2020	$3,100,000	$193,750	$3,293,750
2021	$3,100,000	$131,750	$3,231,750
Total	$18,600,000	$2,402,500	$21,002,500

* Tax-exempt portion of bond issuance

Table 19. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $5.0 MILLION - B (JULY, 2008)* Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$250,000	$182,250	$432,250
2017	$250,000	$170,313	$420,313
2018	$250,000	$157,188	$407,188
2019	$250,000	$137,500	$387,500
2020	$0	$137,500	$137,500
2021	$0	$137,500	$137,500
2022	$0	$137,500	$137,500
2023	$1,250,000	$137,500	$1,387,500
2024	$0	$70,000	$70,000
2025	$0	$70,000	$70,000
2026	$0	$70,000	$70,000
2027	$0	$70,000	$70,000
2028	$0	$70,000	$70,000
2029	$1,250,000	$70,000	$1,320,000
Total	$3,500,000	$1,617,251	$5,117,251

* Taxable portion of bond issuance for Glebe Park housing project

Table 20. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $22.8 MILLION - A (MAY, 2007)* Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$2,870,000	$793,850	$3,663,850
2017	$2,845,000	$679,050	$3,524,050
2018	$2,825,000	$565,250	$3,390,250
2019	$2,825,000	$424,000	$3,249,000
2020	$2,825,000	$282,750	$3,107,750
2021	$2,830,000	$141,500	$2,971,500
Total	$17,020,000	$2,886,400	$19,906,400

* Tax exempt bond issuance refinanced prior City bond issuance

Table 21. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $56.0 MILLION - A (JUNE, 2006)** Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$2,915,000	$145,750	$3,060,750
Total	$2,915,000	$145,750	$3,060,750

** Tax exempt portion of bond issuance

Table 22. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $15.0 MILLION - B (JUNE, 2006)* Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$750,000	$480,000	$1,230,000
2017	$750,000	$438,375	$1,188,375
2018	$750,000	$396,000	$1,146,000
2019	$750,000	$353,250	$1,103,250
2020	$750,000	$310,125	$1,060,125
2021	$750,000	$266,625	$1,016,625
2022	$750,000	$222,750	$972,750
2023	$750,000	$178,500	$928,500
2024	$750,000	$133,875	$883,875
2025	$750,000	$89,250	$839,250
2026	$750,000	$44,625	$794,625
Total	$8,250,000	$2,913,375	$11,163,375

* Taxable portion of bond issuance (affordable housing)

Table 23. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $34.0 MILLION - (JANUARY, 1999) Debt Outstanding at June 30, 2015			
Fiscal Year	Principal	Interest	Total
2016	$2,000,000	$400,000	$2,400,000
2017	$2,000,000	$300,000	$2,300,000
2018	$2,000,000	$200,000	$2,200,000
2019	$2,000,000	$100,000	$2,100,000
Total	$8,000,000	$1,000,000	$9,000,000

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CAPITAL PROJECT DETAILS

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Capital Project Details 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. The Approved FY 2016 - 2025 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.

Supporting Department(s) – Identifies agencies providing project support to the managing department.

ORG – Organizational Cost Account, for accounting purposes.

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.

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 2015, and then planned funding for FY 2016 – 2025. Each project also provides details on the specific funding sources used to finance the project.

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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	23,854,435	*5,744,435*	0	1,610,000	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,110,000
Financing Plan													
Cash Capital	4,516,935	*2,656,935*	0	210,000	250,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,860,000
GO Bonds	19,137,500	*2,887,500*	0	1,400,000	2,250,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	16,250,000
Private Capital Contributions	200,000	*200,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	23,854,435	*5,744,435*	0	1,610,000	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,110,000
Additonal Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.													

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

Linking to the City's Strategic Plan & Budget Guidance

Relevant information to link the project to the City's Strategic Plan and the City Manager's Budget Guidance is contained in the table on the right hand side of each page. Each table contains:

- Primary Strategic Plan Goal, with the goal listed tied to the spreadsheet in the Expenditure Summary Section.
- Focus Area in Budget Guidance and Long-Term Outcomes as developed by the Office of Performance Accountability (OPA) and City staff.
- External or Internal Adopted Plan or Recommendation (if applicable)
- Explanation of additional operating impact corresponding to the numbers in the financial (budget) information table.

Additional Operating Impact

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

ALEXANDRIA CITY PUBLIC SCHOOLS (ACPS)

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

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Alexandria City Public Schools (ACPS)
City Council Approved FY 2016 - 2025 Capital Improvement Program (CIP)

Overview

On May 7, 2015 City Council approved the FY 2016 – 2025 Capital Improvement Program (CIP), which included funding over ten-years for Alexandria City Public Schools (ACPS). The ten-year plan for ACPS totaled $291.4 million, which included $38.8 million in FY 2016.

Subsequent to the approval of the FY 2016 – 2025 CIP by City Council, the ACPS School Board approved their own ten-year CIP on May 28, 2015 which totaled $305.9 million – a difference of $14.5 million over the City Council Approved CIP. ACPS balanced FY 2016 to the approved City Council funding level of $38.8 million; however, consensus was not reached on any other year of the ten-year CIP.

As the City sets budget authority in each year of the ten-year plan, the City Council Approved CIP represents the planned level of capital investments being made in ACPS facilities. The ACPS Approved FY 2016 – 2025 CIP is summarized on page XX and is included for informational purposes to demonstrate the differences between the ten-year plans. City Council and the School Board (along with respective staffs) will continue to work through those differences in the coming fiscal years.

City Involvement in ACPS Capital Projects

In the summer of 2012, the City Attorney provided guidance that the CIP budget is similar to the operating budget in that once funding is appropriated to ACPS, ACPS can choose to spend those funds on any capital projects with appropriate School Board approval. Spending does not have to reflect what is included in the City Council Approved CIP as long as it remains within the total budget appropriated by City Council.

Because City Council does not have the ability to require ACPS to complete any specific project once funding has been formally appropriated, it is not feasible for City staff to recommend specific projects for completion. City staff provides guidance on total funding amounts to City Council based on the requests received from ACPS, and calculates an amount recommended for inclusion in the budget. This calculation involves trying to fund ACPS projects in the context of the City's capital needs.

The information that follows provides details on the School Board Approved CIP as compared to the City Council Approved CIP. The ACPS Approved CIP is included for informational purposes only, and represents the requested financial commitment to capital infrastructure over the ten-year plan. The actual financial commitment is represented in the City Council approved totals.

FY 2016 Capital Year Budget

The City Council Approved FY 2016 capital year budget totals $38.8 million in new funding. ACPS adopted the same funding level for FY 2016, although the ACPS CIP also recognized $5.5 million in prior year balances that will be utilized to support a total capital investment in ACPS facilities of $44.3 million in FY 2016.

ACPS has identified capital projects in FY 2016 totaling $44.3 million including:

- $38.1 million for modernization and capacity projects at Patrick Henry;
- $1.2 million for planning/design of a capacity related project at James K. Polk (with an additional $4.8 million requested for FY 2017);
- $3.3 million for system-wide and specific school site capital improvements related to existing facility infrastructure;
- $1.35 million for exterior playgrounds and sports related facilities; and
- $0.3 million for planning/design of a capacity and modernization project at Minnie Howard (with an additional $27.3 million requested for FY 2017); and
- $0.11 million for stormwater improvements.

A detailed list of all FY 2016 ACPS capital projects can be found on the next page.

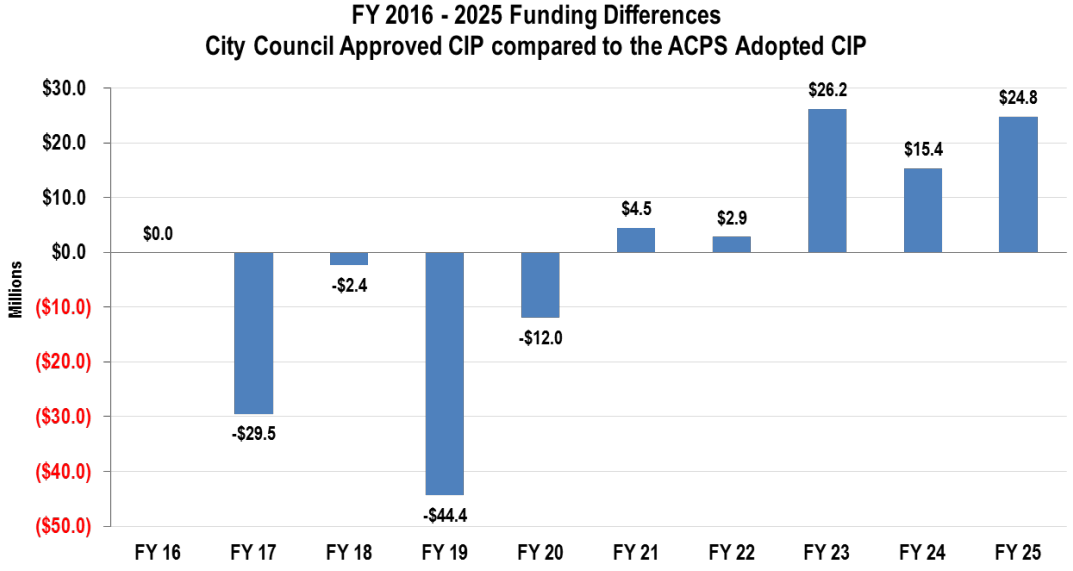
FY 2016 Capital Year Budget Alexandria City Public Schools		
School/Facility	Project	FY 2016 Budget
Charles Barrett	Stormwater Management	$ 110,000
George Washington	Roof Repair or Replacement	$ 1,300,000
James K. Polk	Design, Project Management & Other Soft Costs (for FY 2017 Capacity project)	$ 1,200,000
Lyles-Crouch	Roof Repair or Replacement	$ 500,000
Matthew Maury	Exterior Playgrounds or Sports Areas	$ 115,000
Matthew Maury	Maury Schoolyard Initiative	$ 385,000
Mt. Vernon	Exterior Playgrounds or Sports Areas	$ 115,000
Mt. Vernon	Mt. Vernon Playground Initiative	$ 150,000
Patrick Henry	Construction of Renovation & Capacity	$ 37,550,824
Patrick Henry	FF&E (for renovation & capacity project)	$ 500,000
T.C. Williams King St. Campus	Irrigation System	$ 150,000
T.C. Williams King St. Campus	Stadium Design	$ 320,000
T.C Williams Minnie Howard Campus	Design, Project Management & Other Soft Costs (for FY 2017 Capacity project)	$ 327,455
William Ramsay	Exterior Playgrounds or Sports Areas	$ 115,000
Building System Upgrades	Exterior Playgrounds or Sports Areas	$ 150,000
Building System Upgrades	Fire Resistant Stage Curtains	$ 200,000
Building System Upgrades	Master Key System Replacement	$ 220,000
Renovations	Emergency Repairs	$ 500,000
Renovations	Project Planning	$ 400,000
Total, FY 2016 Projects		$ 44,308,279
Credit: Prior Year Balances		*$ (5,500,000)*
Total, FY 2016 City Council Appropriation		$ 38,808,279

FY 2016 – 2025 City Council Approved CIP Compared to the School Board Approved CIP

As discussed in the Overview section, the City Council Approved FY 2016 – 2025 CIP totaled $291.4 million, with the School Board approved a ten-year plan with requests totaling $305.9 million. While the funding gap between the two plans is only $14.5 million, ACPS has requested $88.2 million more than City Council approved for FY 2017 – 2020, while City Council approved $73.7 million more than ACPS requested in FY 2021 – 2025. The table and bar graph below provide information on the differences of the two plans.

Capital Improvement Program	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
City Council Approved FY 2016 - 2025 CIP	$ 38,808,279	$ 32,000,000	$ 32,500,000	$ 31,900,000	$ 14,875,000
School Board Approved FY 2016 - 2025 CIP	$ 38,808,279	$ 61,486,545	$ 34,851,000	$ 76,292,000	$ 26,853,000
Difference: City Council - School Board	$ -	$ (29,486,545)	$ (2,351,000)	$ (44,392,000)	$ (11,978,000)
Capital Improvement Program	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**
City Council Approved FY 2016 - 2025 CIP	$ 15,000,000	$ 22,900,000	$ 37,000,000	$ 37,400,000	$ 29,000,000
School Board Approved FY 2016 - 2025 CIP	$ 10,522,502	$ 20,042,510	$ 10,780,000	$ 22,044,000	$ 4,238,000
Difference: City Council - School Board	$ 4,477,498	$ 2,857,490	$ 26,220,000	$ 15,356,000	$ 24,762,000
City Council Approved Total FY 2016 - 2025 CIP	$ 291,383,279				
School Board Approved Total FY 2016 - 2025 CIP	$ 305,917,836				
Difference	$ (14,534,557)				

Note: $5.5 million in prior year ACPS balances will be utilized by ACPS to support $44.3 million in projects in FY 2016. As this funding has been previously appropriated by City Council, it is not included in the table above.



Due to the significant differences in the timing of City Council approved funding versus the capital needs related to capacity identified ACPS, City staff continues to discuss capital needs with ACPS staff to determine the appropriate level of capital investments over the ten-year plan. Staff collaboration included a joint City – ACPS work group determining a methodology for long range enrollment projections and the impact those projects will have on future capital infrastructure needs. That work group has completed its initial scope of work and produced the Long Range Educational Facilities Plan (LREFP), which was adopted by ACPS on June 11, 2015 and will be presented for endorsement by City Council on June 23, 2015. Projects identified in the recently completed LREFP are expected to be incorporated into future ACPS CIPs and will guide the capital investments requested by ACPS and ultimately approved by City Council.

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COMMUNITY DEVELOPMENT

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Community Development
Approved FY 2016 – 2025 Capital Improvement Program
Summary of Projects

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Community Development											
City-Wide Amenities											
Public Art Acquisition	0	250,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,650,000
Public Art Conservation Program	15,000	15,000	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	210,000
Transportation Signage & Wayfinding System	0	200,000	515,000	361,000	432,000	241,000	0	0	0	0	1,749,000
Gadsby Lighting Fixtures & Poles Replacement	150,000	150,000	0	75,000	0	75,000	0	75,000	0	75,000	600,000
Neighborhood Planning											
Waterfront Small Area Plan Implementation (w/ Construction Funding)	1,500,000	760,000	5,800,000	7,250,000	5,520,000	5,800,000	11,340,000	9,270,000	1,580,000	12,670,000	61,490,000
Braddock Road Area Plan - Streetscape Improvements	204,000	0	0	0	45,000	45,000	45,000	45,000	45,000	45,000	474,000
King Street Plan Implementation	0	0	150,000	250,000	250,000	250,000	0	0	0	0	900,000
Waterways Maint. & Imprv.											
Four Mile Run Stream Restoration	0	0	0	0	0	0	0	0	0	0	0
Oronoco Outfall	300,000	0	0	0	0	0	0	0	0	0	300,000
City Marina Waterfront Dredging	0	0	0	0	0	500,000	4,000,000	0	0	0	4,500,000
Environmental Restoration	0	150,000	0	150,000	0	150,000	0	150,000	0	150,000	750,000
Public Safety Enhancements											
Fire Department Vehicles & Apparatus	1,487,000	1,378,000	874,000	2,852,000	3,446,000	2,009,000	2,583,000	2,500,000	4,000,000	2,000,000	23,129,000
Citywide Street Lighting	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
FY 2016 - 2025 Community Development Total	3,681,000	2,928,000	7,686,500	11,285,500	10,040,500	9,417,500	18,315,500	12,387,500	5,972,500	15,287,500	97,002,000

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Public Art Acquisition

Document Subsection: City-Wide Amenities
Managing Department: Recreation, Parks, and Cultural Activities
Supporting Department(s): N/A
ORG: 44802219

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 3 – New Facilities
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,950,000	*300,000*	0	250,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,650,000
Financing Plan													
Prior City Funding	300,000	*300,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	2,650,000	*0*	0	250,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,650,000
Total Financing Plan	2,950,000	*300,000*	0	250,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,650,000
Additional Operating Impact													
Annual Impact			0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: Planned funding for FY 2016 was deferred based on the prioritization of capital project requests and available prior year resources in this project. Funding was added for FY 2015. No other changes from the prior year CIP.

Project Description & Justification

This project provides an annual funding stream for the purchase or commission of art in public spaces. In December 2014, City Council approved the Public Art Implementation Plan and related Public Art Policy that outlines goals, vision, and creative directions for public art in Alexandria. The Implementation Plan sets the stage for identifying and managing public art projects sponsored by the City and for reviewing projects that are proposed by private developers and the community. The recommendations of this plan have been incorporated into a revised Public Art Policy, adopted by City Council concurrent with the approval of this plan. The Public Art Policy also outlines a recommended CIP funding schedule for public art acquisition and the process for developer contributions related to public art.

Each year, the Office of the Arts will develop an annual work plan. The work plan outlines which new projects the program will initiate, indicating where the projects are located, and what the proposed budgets will be. The work plan takes a multi-year view, in that it indicates which projects are being carried over from previous year and identifies three years into the future what goals and projects should be considered, even though future-year projections are subject to change. The work plan is prepared by staff in collaboration with a work plan Task Force, reviewed by the Commission for the Arts, and approved by City Council. The process of developing, approving, and implementing the work plan is analogous to the basic approach of approving and implementing other components of the City's Capital Improvement Program.

A vibrant public art collection increases visitor spending, creates distinctive, attractive and amenity-rich neighborhoods, and increases resident satisfaction with the appearance of the City. Public art helps to deepen the community's awareness and appreciation of arts and culture by establishing a comprehensive, coherent, and engaging collection of public art that is reflective of Alexandria's diversity and history.

For FY 2016, no public art funding is recommended, as prior year funds remain to be obligated and CIP funding constraints required CIP project be trimmed. Funding levels planned for FY 2017-2025 were not adjusted from last years Approved CIP.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 7 – Caring Community

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Increase the economic benefits of tourism to the City
- Promote neighborhoods that are inclusive and diverse

Focus Area: Accountable, Effective, & Well-Managed Government
- Achieve results the community values

External or Internal Adopted Plan or Recommendation

- 2011 and 2013 Recreation, Parks and Cultural Activities Needs Assessment
- 2012 Waterfront Small Area Plan
- 2012 Beauregard Small Area Plan
- 2014 Citywide Parks Implementation Plan
  2014 Public Art Implementation Plan and related Public Art Policy

Additional Operating Budget Impact

As the City begins to acquire additional art, additional funding for routine and preventive maintenance will be necessary. Further operating impacts will need to be determined on a case-by-case basis for each piece of public art acquired.

Public Art Conservation Program

Document Subsection: City-Wide Amenities
Managing Department: Recreation, Parks and Cultural Activities
Supporting Department(s): N/A
ORG: 44801640

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	305,000	*95,000*	15,000	15,000	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	210,000
Financing Plan													
Prior City Funding	95,000	*95,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	210,000	*0*	15,000	15,000	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	210,000
Total Financing Plan	305,000	*95,000*	15,000	15,000	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	210,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

This project provides an annual funding stream for the conservation and maintenance of the city's public art collection. This program will provide the vehicle to insure the long term preservation and viability of the City's art investments.

Conservation and maintenance activities include examination, documentation, restoration/repair, relocation, and stabilization. Preventative maintenance (such as cleaning) will be addressed through the operating budget.

In FY 2013, 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 has been developed outlining prioritized conservation/preservation needs, including costs. Prior year project balances and additional funding beginning FY 2016 will address assets identified in poor condition.

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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 7 – Caring Community

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Increase the economic benefits of tourism to the City
- Promote neighborhoods that are inclusive and diverse

Focus Area: Accountable, Effective, & Well-Managed Government
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- 2011 Recreation, Parks and Cultural Activities Needs Assessment
- Public Arts funding policy approved by City Council, October 2012
- 2013 Public Art Conservation Assessment

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Transportation Signage and Wayfinding System

Document Subsection: City-Wide Amenities
Managing Department: Transportation & Environmental Services
Supporting Department(s): Planning & Zoning
ORG: 43301599

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 3 – New Facilities
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,869,000	*1,120,000*	0	200,000	515,000	361,000	432,000	241,000	0	0	0	0	1,749,000
Financing Plan													
Prior City Funding	1,120,000	*1,120,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	1,749,000	*0*	0	200,000	515,000	361,000	432,000	241,000	0	0	0	0	1,749,000
Total Financing Plan	2,869,000	*1,120,000*	0	200,000	515,000	361,000	432,000	241,000	0	0	0	0	1,749,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	25,000	25,750	26,523	27,318	28,138	132,728
Cumulative Impact			0	0	0	0	0	25,000	50,750	77,273	104,591	132,728	132,728

Changes from Prior Year CIP: Planned funding for FY 2016 - 2020 in last year's CIP was moved back to FY 2017 - 2021 based on prior year balances available to completed FY 2016 initiatives. No other changes from prior year CIP.

Project Description & Justification

This project provides for the comprehensive design of a signage, wayfinding, and identity 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, 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. In order to distribute the cost of the wayfinding program over multiple years, a phased approach is recommended for implementation.

The completed and planned project implementation schedule, including estimated cost and timeline for completion, is provided on the next page.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 1 – Economic Development

Focus Area: Livable, Green, & Prospering City

- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Increase the economic benefits of tourism to the City
- Ensure Alexandria supports, retains, and attracts businesses
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy

External or Internal Adopted Plan or Recommendation

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

Additional Operating Budget Impact

As part of the FY 2015 Operating Budget, a 0.5 FTE position was added in T&ES to support this, and other, transportation related projects, paid through the TIP. Those costs are now part of the FY 2016 operating budget and not reflected in the table above. Beginning FY 2021, $25,000 is planned annually to replace signs and kiosks on an as-needed basis through General Fund sources.

Transportation Signage and Wayfinding System (Continued)

Phase 1 - Parking signs in Old Town ($100,000, FY 2010) – Completed

Phase 2 - Old Town visitor kiosks, pedestrian pointers ($295,000, FY 2013) – Planning complete; fabrication and installation in late summer 2015

Phase 3a - Vehicular signs for primary routes ($225,000, FY 2014 –FY 2016) – Currently in planning phase; fabrication and installation in spring 2016

Phase 3b – Metro station visitor kiosks, highway signs, freestanding interpretive panels ($200,000, FY 2017)

Phase 4 - City gateways, parking signs (non-Old Town), vehicular signs for secondary routes, shared use trail signs, destination identification signs ($515,000, FY 2018)

Phase 5 - Destination Identification signs (City attractions/parks/civic-double post), vehicular signs for secondary routes ($361,000, FY 2019)

Phase 6 - Destination Identification signs (City parks/civic-single post), pedestrian mini kiosks and pointers (Waterfront and non-Old Town), interpretive ground plane medallions ($432,000, FY 2020)

Phase 7 - Interpretive panels and two-sided kiosks (Waterfront), district markers ($241,000, FY 2021)

Gadsby Lighting Fixtures and Poles Replacement

Document Subsection: City-Wide Amenities
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 43412208

Project Location: Old Town
Reporting Area: Old Town, King Street Retail Strategy
Project Category/Priority: 1- Asset Maintenance
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	785,000	*185,000*	150,000	150,000	0	75,000	0	75,000	0	75,000	0	75,000	600,000
Financing Plan													
Prior City Funding	185,000	*185,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	600,000	*0*	150,000	150,000	0	75,000	0	75,000	0	75,000	0	75,000	600,000
Total Financing Plan	785,000	*185,000*	150,000	150,000	0	75,000	0	75,000	0	75,000	0	75,000	600,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Additional City resources totaling $275,000 over last year's plan in FY 2016 - 2017 are added to this project to refurbish fixtures with equipment capable of accommodating LED equipment while retaining the existing light fixtures. No other changes to the prior year CIP.

Project Description & Justification

This project provides funding for the regular replacement of Gadsby lighting fixtures and poles. Poles and fixtures are replaced on an as needed basis, usually as a result of damage. The City is required to keep an inventory in stock for replacement of poles and fixtures. Biennial funding will purchase 12-13 new poles ($10,000), refurbish approximately 20 fixtures ($15,000), and replace approximately 30 fixtures ($50,000).

The City is planning to refurbish the 200 incandescent Gadsby fixtures (River to Washington Street) over two years with equipment capable of replacing them with LED's, while retaining the Gadsby fixtures. The implementation will take place in FY 2016 and FY 2017.

Replacement of these capital assets ensures safe and accessible travel for pedestrians, bicyclist, transit and motorists, and enhances the vitality and economic success of the City Waterfront and King Street corridor.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the City government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Safe, Secure & Just Community

- Reduce crime

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Waterfront Small Area Plan Implementation

Document Subsection: Neighborhood Planning
Managing Department: Planning & Zoning, Dept. of Project Implementation
Supporting Department(s): Multiple Departments
ORG: 43301600, 50412089

Project Location: Alexandria Waterfront
Reporting Area: Waterfront Plan, Old Town North, Old Town
Project Category/Priority: 3 – New Facilities
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	65,358,000	*3,868,000*	1,500,000	760,000	5,800,000	7,250,000	5,520,000	5,800,000	11,340,000	9,270,000	1,580,000	12,670,000	61,490,000
Financing Plan													
Prior City Funding	3,623,000	*3,623,000*	0	0	0	0	0	0	0	0	0	0	0
TIP - Cash	245,000	*245,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	*0*	1,000,000	110,000	0	0	0	0	0	0	0	0	1,110,000
Prior Year/Close-Out - City	0	*0*	500,000	0	0	0	0	0	0	0	0	0	500,000
General Obligation Bonds	53,930,000	*0*	0	0	5,800,000	7,250,000	2,520,000	5,200,000	11,340,000	7,570,000	1,580,000	12,670,000	53,930,000
Private Capital Contributions	5,950,000	*0*	0	650,000	0	0	3,000,000	600,000	0	1,700,000	0	0	5,950,000
Total Financing Plan	65,358,000	*3,868,000*	1,500,000	760,000	5,800,000	7,250,000	5,520,000	5,800,000	11,340,000	9,270,000	1,580,000	12,670,000	61,490,000
Additional Operating Impact													
Annual Impact			TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Changes from Prior Year CIP: Beginning in FY 2018, funding is included to begin implementation of capital infrastructure elements of the Waterfront Plan.													

Project Description & Justification

This project provides continued funding for implementation of the Alexandria Waterfront Small Area Plan approved by City Council in January 2012 and the Landscape and Flood Mitigation Design (Olin plan) approved by City Council in June 2014. Further direction from City Council was provided January 2015 following a detailed cost and sequencing analysis and community outreach program to set implementation priorities. For the time period FY 2016 – 2025, $61.5 million would be provided to fund flood mitigation and Phase I projects in the core Waterfront area.

For the first time in the City's Capital Improvement Plan, funding for both design and construction is programmed for the following priority projects:

- Strand Street Utility and Right-of-Way Improvements: Design and construction of miscellaneous utility relocations, utility improvements, roadway and sidewalk improvements within the "core area" in accordance with approved plans and to facilitate flood mitigation improvements.

- Flood Mitigation: Design and construction of flood mitigation components in accordance with the approved plans. The improvements are located within the "core area," bounded by Queen Street, Duke Street and Union Street and include shoreline bulkhead, storm sewer, and storm water pump station infrastructure.

- Waterfront Landscape Architecture: Design coordination of public spaces within the approved plans with new Waterfront development, including parks and pedestrian connectivity along the waterfront. Design and construction of landscape architecture improvements associated with flood mitigation components, including a continuous riverfront promenade.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 1 – Economic Development

Focus Area: Livable, Green, & Prospering City
- Increase the value of the real estate tax base
- Increase the economic benefits of tourism
- Promote neighborhoods that are amenity-rich
- Promote neighborhoods that are inclusive and diverse
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure government is accountable to the community
- Ensure the fiscal strength of the City government
- Achieve the results the community values

Focus Area: Safe, Secure & Just Community
- Reduce harm to people or property from disasters

External or Internal Adopted Plan or Recommendation

- Windmill Hill Park Master Plan approved by City Council, April 2003
- 2012 Waterfront Small Area Plan adopted by City Council, February 2012
- Union Street Corridor Study adopted April 2013

Additional Operating Budget Impact – Next Page

Waterfront Small Area Plan Implementation (Continued)

- Union Street Corridor Recommendations: Continued implementation of approved short and midterm recommendations of the Union Street Corridor Study to promote a higher level of pedestrian friendly mobility along Union Street by minimizing conflicts between pedestrians, bicyclists and motorists including cars, motor coaches, and the trolley.

- King and Union Street Improvements: Crosswalks and other improvements at King and Union, including possible installation of a pedestrian plaza with outdoor seating on the unit block of King Street, funded by the Transportation Improvement Program (TIP). Annual funding for operating costs for these improvements will need to be identified before the improvements can be implemented.

Funding is anticipated to come in part from developer contributions and incremental taxes generated by new development along the Waterfront, as described in the adopted Waterfront Small Area Plan. As specific elements of the project are better defined, "stand-alone" projects will be created and moved to the appropriate section of the CIP document.

Additional Operating Impacts

Operating impacts will be determined based on specific infrastructure and amenity improvements added when funding is available. When funding for improvements is identified, there will be annual operating impacts associated with stormwater and new parks once those projects are implemented.

Braddock Road Area Plan – Streetscape Improvements

Document Subsection: Neighborhood Planning
Managing Department: Transportation & Environmental Services
Supporting Department(s): Planning & Zoning, Recreation, Parks & Cultural Activities
ORG: TBD

Project Location: Braddock Metro Area
Reporting Area: Braddock Metro Area
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: Varies

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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,107,511	*633,511*	204,000	0	0	0	45,000	45,000	45,000	45,000	45,000	45,000	474,000
Financing Plan													
Prior City Funding	135,000	*135,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	474,000	*0*	204,000	0	0	0	45,000	45,000	45,000	45,000	45,000	45,000	474,000
Private Capital Contributions	498,511	*498,511*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	1,107,511	*633,511*	204,000	0	0	0	45,000	45,000	45,000	45,000	45,000	45,000	474,000
Additional Operating Impact													
Annual Impact			0	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	50,796
Cumulative Impact			0	5,000	10,150	15,455	20,918	26,546	32,342	38,312	44,462	50,796	50,796

Changes from Prior Year CIP: Funding in the amount of $159,000 is added to this project in FY 2016 to complete planned streetscaping work along Fayette Street. Planned funding in FY 2017 - 2019 was removed from the plan to offset the increase in FY 2016.

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 improvements.

The first project identified by the Braddock Implementation Advisory Group (BIAG) and the City is the Fayette Street Streetscape between Queen Street and Oronoco Street. This 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 started. The BIAG recommended the streetscape plan in January 2015. The estimated project cost is $750,000. City funding will be used in conjunction with private (development) capital contributions to fund this project.

Project design is anticipated to be completed in spring 2015. Construction is anticipated to begin in summer 2015.

Overall City investment in the Braddock Area Plan Implementation for streetscape improvement is likely to exceed the amount currently programmed. More detailed cost implications will be developed as specific projects, such as the Fayette Street Project, are 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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 1 – Economic Development

Focus Area: Livable, Green, & Prospering City

- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- Braddock Metro Neighborhood Plan adopted by City Council, March 2008
- Braddock East Master Plan adopted by City Council, October 2008
- Recommendation of the Braddock Implementation Advisory Group, January 2015 on Fayette Street Improvements

Additional Operating Budget Impact

Operating impacts will be determined based on specific infrastructure and amenity improvements added as part of the plan with the funding available. An estimate of $5,000 annually is added in FY 2017 until operating costs are established after completion of the Fayette Street project.

King Street Plan Implementation

Document Subsection: Neighborhood Planning
Managing Department: Planning & Zoning
Supporting Department(s): Transportation & Environmental Services
ORG: TBD

Project Location: King Street Corridor
Reporting Area: Old Town, King Street Retail Strategy
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: Varies

King Street Plan Implementation													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	900,000	*0*	0	0	150,000	250,000	250,000	250,000	0	0	0	0	900,000
Financing Plan													
Cash Capital	900,000	*0*	0	0	150,000	250,000	250,000	250,000	0	0	0	0	900,000
Total Financing Plan	900,000	*0*	0	0	150,000	250,000	250,000	250,000	0	0	0	0	900,000
Additional Operating Impact													
Annual Impact			0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: Funding in last year's CIP was originally planned for FY 2016 - 2019. Funding is now shifted to FY 2018 - 2021 based on the prioritization of other projects as determined during the FY 2016 CIP development process. There is no change to the requested funding amount.

Project Description & Justification

This project will assist in the implementation of the King Street Retail Strategy. The project limits are from the Waterfront to the King Street Metro. Improvements could include new street furniture, lighting replacement, improved sidewalks, new plantings, opportunities to coordinate with the wayfinding program, and other improvements for King Street.

A streetscape plan will be prepared in FY 2018 and coordinated with Transportation & Environmental Services, Planning & Zoning and Recreation, Parks & Cultural Activities with implementation scheduled for FY 2019 - 2021.

The project includes $150,000 for the preparation of the streetscape plan in FY 2018, and funding for streetscape improvements will be $250,000 annually from FY 2019 through FY 2021.

Completion of this project will increase the economic vitality of the King Street Corridor, while improving the appearance of the City's physical assets.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 1 – Economic Development

Focus Area: Livable, Green, & Prospering City

- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Increase the economic benefits of tourism
- Ensure Alexandria supports, retains and attracts businesses

External or Internal Adopted Plan or Recommendation

- King Street Retail Strategy analysis, conducted June 2009

Additional Operating Budget Impact

Operating impacts will be determined based on specific infrastructure and amenity improvements added as part of the plan.

Four Mile Run Stream Restoration

Document Subsection: Waterways Maintenance & Improvements
Managing Department: Department of Project Implementation
Supporting Department(s): Recreation, Parks & Cultural Activities
ORG: 43411623

Project Location: Shirlington Rd. to Potomac Rd.
Reporting Area: Arlandria Small Area Plan, Potomac West
Project Category/Priority: 2 – Renovations/Existing Assets
Estimated Useful Life: 30 years

Four Mile Run Stream Restoration													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,892,278	*2,892,278*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	1,355,978	*1,355,978*	0	0	0	0	0	0	0	0	0	0	0
STAG- Federal Grant	1,536,300	*1,536,300*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	2,892,278	*2,892,278*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	12,000	12,360	12,731	13,113	13,506	13,911	14,329	14,758	15,201	121,909
Cumulative Impact			0	12,000	24,360	37,091	50,204	63,710	77,621	91,950	106,708	121,909	121,909

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

This project provides for wetland and bank restoration work along the highly urbanized Four Mile Run channel that is the border between Arlington County and the City of Alexandria. The project is part of a jointly approved Arlington County Board and Alexandria City Council Four Mile Run Restoration Master Plan (2006). When complete, it will be an international model of sensitive, ecological stream restoration and will improve the environmental quality of a local watershed. It will accomplish this by integrating the surrounding natural areas with active and urban nodes and maintaining flood control.

Through Congressman Moran's efforts, Alexandria and Arlington have been awarded a total of over $3.0 million for the Tidal Stream Restoration. Combined with $2.7 million in City and County funding matches, this funding is sufficient to restore the majority of the bank and wetland between Mt. Vernon Avenue and Route 1.

The City and County worked together to focus the use of the federal and local funds on bank and wetland restoration in the Four Mile Run watershed. Staff had to re-design the project in 2011 so that there would be no change in water surface elevation, per policy changes by the United States Army Corps of Engineers (USACE). The Northern Virginia Regional Commission (NVRC) managed the design of this project. Construction is set to begin on the Alexandria wetlands portion of the project in spring 2015, with an expected completion in early 2016.

Completion of this project will improve the City's stormwater capital infrastructure and ecological resources.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, & Prospering City

- Improve the health of City waterways
- Sustain the natural quality of land within the City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- Four Mile Run Restoration Master Plan jointly approved by Arlington County Board and Alexandria City Council, March 2006 and Design Guidelines, 2009
- Eco-City Environmental Action Plan – Chapter 4, Goal 1, 2009

Additional Operating Budget Impact

Litter control infrastructure, to provide a capture area for debris before it flows into the Potomac River, will be installed and will periodically need to be emptied. The estimated annual operating cost associated with litter control infrastructure is $12,000, beginning in FY 2017.

Oronoco Outfall

Document Subsection: Waterways Maintenance & Improvements
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 52411856

Project Location: Oronoco St. from Lee St. to Waterfront
Reporting Area: Waterfront
Project Category/Priority: 2 – Renovations/Existing Assets
Estimated Useful Life: 50+ years

Oronoco Outfall													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	6,761,505	*6,461,505*	300,000	0	0	0	0	0	0	0	0	0	300,000
Financing Plan													
Prior City Funding	5,535,000	*5,535,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	300,000	*0*	300,000	0	0	0	0	0	0	0	0	0	300,000
Private Capital Contributions	926,505	*926,505*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	6,761,505	*6,461,505*	300,000	0	0	0	0	0	0	0	0	0	300,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: An additional $300,000 was added to this project in FY 2016 to provide a sufficient project contingency for the dredging and capping activities.

Project Description & Justification

The Office of Environmental Quality (a division of Transportation & Environmental Services) continues to actively manage environmental impacts associated with the former City owned manufactured gas plant that once operated at the corner of North Lee and Oronoco Streets. The plant historically supplied coal-derived natural 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 the voluntary remediation program, 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 July 2013.

Phase II of the project consists of dredging the impacted material. Final plans and specifications will be put out to bid in the second half of FY2015, with construction anticipated to begin in the first half of FY2016 and be completed in approximately two months. The project design and construction schedule have been approved by the Virginia Department of Environmental Quality through their voluntary remediation program.

Completion of this project will mitigate the discharge of petroleum impacted groundwater from the former City owned manufactured gas plant to the subsurface beyond the original site boundaries and into the Potomac River.

An additional $300,000 in funding is added to the project in FY 2016 to provide contingencies for the above dredging and capping project construction. In addition, the City will be discussing with VDEQ what additional steps beyond the dredging and capping project will be needed to close out the site through the VRP program.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, & Prospering City

- Improve the health of City waterways
- Sustain the natural quality of land within the City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- T&ES Strategic Plan: Key Result Area - Meet or exceed state federal requirements of the City's MS4 and combined sewer permits.
- Eco-City Charter adopted by City Council, June 2008
- Environmental Action Plan 2030 approved by City Council, June 2009

Additional Operating Budget Impact

Funding in the amount of $150,000 is included as part of the FY 2016 Stormwater budget from the reserved 0.5 cents for stormwater on the base real estate tax rate. Annual funding is provided for the operation and maintenance of the remediation system that is now in operation, as well as on-going free product recovery efforts adjacent to the source area. As this funding has been budgeted in prior year budgets, there is no additional operating budget funding required above current funding.

City Marina Waterfront Dredging

Document Subsection: Waterways Maintenance & Improvements
Managing Department: Dept. of Project Implementation
Supporting Department(s): Recreation, Parks & Cultural Activities
ORG: 43412207

Project Location: City Marina (King St. at Potomac River)
Reporting Area: Waterfront
Project Category/Priority: 2 – Renovations/Existing Assets
Estimated Useful Life: 5-6 years

City Marina Waterfront Dredging

	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	4,500,000	*0*	0	0	0	0	0	500,000	4,000,000	0	0	0	4,500,000
Financing Plan													
Cash Capital	500,000	*0*	0	0	0	0	0	500,000	0	0	0	0	500,000
General Obligation Bonds	4,000,000	*0*	0	0	0	0	0	0	4,000,000	0	0	0	4,000,000
Total Financing Plan	4,500,000	*0*	0	0	0	0	0	500,000	4,000,000	0	0	0	4,500,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding in FY 2019 - 2020 in last year's CIP moved back to FY 2021 - 2022 based on recent completion of the FY 2015 Waterfront dredging project. Total cost reduced from $5.5 million to $4.5 million based on projected final costs of the current dredging project.

Project Description & Justification

This project provides for the dredging of the City Marina from the Torpedo Factory to Founders Park. Dredging work for this area is done on average every five to six years, depending upon the rate of sediment deposited by the river, which is dependent on the number and severity of major storms.

The work is necessary to prevent the accumulation of silt at the marina causing a loss of usable slip space. The current plan calls for dredging to be performed in the FY 2021 – 2022 time frame, with design work being performed in the year prior to dredging.

This project will improve the level of service and increase the extent of benefit to residents and visitors at the City's Marina.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 1 – Economic Development

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Increase the economic benefits of tourism
- Improve the health of the City's waterways
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the fiscal strength of the City government
- Achieve the results the community values

External or Internal Adopted Plan or Recommendation

- 2012 Waterfront Small Area Plan adopted by City Council, February 2012
- The City Marina Waterfront Dredging project is supported by the completed Marina Condition Assessment and is included in the three-year business plan of the Recreation Parks and Cultural Activity Department.

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Environmental Restoration

Document Subsection: Waterways Maintenance & Improvements
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 53411877

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 2 – Renovations/Existing Assets
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,642,517	*892,517*	0	150,000	0	150,000	0	150,000	0	150,000	0	150,000	750,000
Financing Plan													
Prior City Funding	398,475	*398,475*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	750,000	*0*	0	150,000	0	150,000	0	150,000	0	150,000	0	150,000	750,000
Private Capital Contributions	494,042	*494,042*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	1,642,517	*892,517*	0	150,000	0	150,000	0	150,000	0	150,000	0	150,000	750,000
Additional Operating Impact													
Annual Impact			0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: Planned funding in FY 2016 in the amount of $150,000 in last year's CIP moved to FY 2017 based on prior year available balances available to complete FY 2016 initiatives. All subsequent years of funding also moved back one year.

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 Environmental Management ordinance (Chesapeake Bay Ordinance) requires stormwater treatment from all development/redevelopment within the City. In circumstances where stormwater treatment is a requirement, but is not feasible because of site constraints, fees are collected.

Fees collected in lieu of water quality improvements or mitigation required under the Chesapeake Bay Ordinance from private developments are used to supplement these projects. 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, runoff reductions applications such as green roofs, pervious pavement, etc. City funds are used to supplement the fees collected.

The City, state and federal regulations have pollutant load reduction targets that it is mandated to achieve through its Municipal Separate Storm Sewer Permit. All water quality improvements achieved through implementation of these projects get credited towards City's pollutant load reduction targets.

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 storm water and sanitary infrastructure, and stream system health to minimize environmental impacts.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, & Prospering City

- Improve the health of the City's waterways
- Sustain the natural quality of land within the City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- T&ES Strategic Plan: Key Result Area - Meet or exceed state federal requirements of the City's MS4 and combined sewer permits.
- Eco-City Charter adopted by City Council, June 2008
- Environmental Action Plan 2030 approved by City Council, June 2009

Additional Operating Budget Impact

Annual operating impact is unknown at this time. Projects such as stream restoration have added annual operating costs. Stormwater retrofits to City facilities will add to the inventory of such facilities typically maintained by the City. Exact incremental operating impact is not reasonably quantifiable at this time, but is captured elsewhere in the budget requests for BMP maintenance by accounting for growth.

Fire Department Vehicles and Apparatus

Document Subsection: Public Safety Enhancements
Managing Department: Fire Department
Supporting Department(s): Finance Department
ORG: Multiple ORGs

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	32,175,635	*9,046,635*	1,487,000	1,378,000	874,000	2,852,000	3,446,000	2,009,000	2,583,000	2,500,000	4,000,000	2,000,000	23,129,000
Financing Plan													
Prior City Funding	9,046,635	*9,046,635*	0	0	0	0	0	0	0	0	0	0	0
Prior Year/Close-Out - City	250,000	*0*	250,000	0	0	0	0	0	0	0	0	0	250,000
General Obligation Bonds	22,879,000	*0*	1,237,000	1,378,000	874,000	2,852,000	3,446,000	2,009,000	2,583,000	2,500,000	4,000,000	2,000,000	22,879,000
Total Financing Plan	32,175,635	*9,046,635*	1,487,000	1,378,000	874,000	2,852,000	3,446,000	2,009,000	2,583,000	2,500,000	4,000,000	2,000,000	23,129,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding in FY 2024 in last year's CIP reduced from $6.0 million to $4.0 million in this year's plan to account for updated equipment replacement needs. Funding added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

The Fire Department has approved replacing a significant portion of the Department's fleet. While funding has been provided for this in the past, replacing apparatus has been delayed. Even if the Department were to exhaust the Vehicle and Equipment Replacement Fund Balance, several large pieces of apparatus would still need to be replaced.

The vehicle and equipment replacement plan proposes an accelerated vehicle purchase plan through bond funding and then repaying the costs from the vehicle and equipment replacement fund. The replacement plan will provide funding to re-chassis the larger vehicles in the fleet to allow for an extended life of the vehicle and ultimately drive down the maintenance costs of the vehicle in later years. As a result of this plan, the community will be assured of having working apparatus at all times and better coverage throughout the City.

Vehicles are based on quotes/bids from vendors in September 2012. Prices are then escalated each year to account for inflation in out years.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure, & Just Community

- Reduce harm to people and property from fire
- Increase survivability from medical emergencies and traumatic injuries
- Reduce harm to people or property from disasters

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- The Fire Department's Apparatus Committee has presented a detailed plan and overview to the Department's Executive Team and Strategic Planning Workgroup. This plan (Apparatus Workgroup Plan) has been adopted by the Department as the preferred way to proceed

Additional Operating Budget Impact

Operating costs may show a decrease in the department's maintenance and repair budget; however, that number is difficult to quantify and could be offset by increases in commodity prices.

Citywide Street Lighting

Document Subsection: Public Safety Enhancements
Managing Department: Transportation & Environmental Services
Supporting Department(s): Police Department
ORG: 51411835

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: Varies

Citywide Street Lighting													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	937,878	*0*	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Financing Plan													
Prior City Funding	687,878	*687,878*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	250,000	*0*	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Total Financing Plan	937,878	*0*	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Additional Operating Impact													
Annual Impact			0	600	1,200	1,800	2,400	3,000	3,600	4,200	4,800	5,400	27,000
Cumulative Impact			0	600	1,800	3,600	6,000	9,000	12,600	16,800	21,600	27,000	27,000

Changes from Prior Year CIP: No changes from prior year CIP.

Project Description & Justification

This program provides funding for the addition of new street lighting citywide. Installation of new lights helps address deficiencies in areas where citizens and the Alexandria Police Department request new lights. The program objective is to increase the safety of residents and to aid the Alexandria Police Department with crime prevention activities.

New funding is scheduled to begin in FY 2016. Projects are evaluated on a case by case basis. In some cases, increasing the wattage on existing street lights is sufficient, while in others, lights are added to existing poles, or both poles and lights are added.

Completion of this project will ensure safe and accessible travel for pedestrians, bicyclists, transit and motorists on Complete Streets with design and implementation that is context sensitive.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure, & Just Community
- Reduce crime

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure the government is accountable to the community

Focus Area: Livable, Green, & Prospering City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Street lights have small additional utility costs, approximately $150/year per light. The operating cost of four new lights per year is projected to be $600 beginning in FY 2017.

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RECREATION AND PARKS

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Recreation and Parks
Approved FY 2016 - 2025 Capital Improvement Program
Summary of Projects

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Recreation & Parks											
Park Maintenance & Improvements											
Restaurant Depot Contribution Projects	0	0	0	0	0	0	0	0	0	0	0
Americans with Disabilities Act (ADA) Requirements	450,000	250,000	250,000	250,000	250,000	100,000	100,000	100,000	100,000	100,000	1,950,000
Ball Court Renovations	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Park Renovations CFMP	270,000	270,000	416,000	416,000	416,000	416,000	416,000	416,000	416,000	416,000	3,868,000
Waterfront Parks CFMP	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Playground Renovations CFMP	912,000	475,000	522,000	570,000	622,000	622,000	665,000	665,000	665,000	665,000	6,383,000
Tree & Shrub Capital Maintenance	226,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	3,160,000
Renovation and Proactive Capital Management of Urban Forest	0	0	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,100,000
Soft Surface Trails	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	1,200,000
Water Management & Irrigation	0	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	1,152,000
Major Asphalt Resurfacing in Parks	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Athletic Field Restroom Renovations	370,000	370,000	350,000	0	0	0	0	0	0	0	1,090,000
Windmill Hill Park Improvements	5,000,000	0	0	0	0	0	0	0	0	0	5,000,000
Park Maintenance Facilities	0	30,000	250,000	0	0	0	0	0	0	0	280,000
Athletic Field Improvements (incl. Synthetic Turf)	0	1,610,000	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,110,000
Recreation Facility Maintenance											
City Marina Maintenance	190,000	340,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	1,250,000
Public Pools	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	520,000
Recreation Centers CFMP	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	7,000,000
Recreation Facilities Security Review	135,000	0	0	0	0	0	0	0	0	0	135,000
Renovated or New Recreation Facilities											
Chinquapin Aquatics Center	0	4,500,000	17,850,000	0	0	0	0	0	0	0	22,350,000
Warwick Pool Renovation	0	2,150,000	0	0	0	0	0	0	0	0	2,150,000
Braddock Area Plan Park	0	0	0	0	703,605	0	0	0	0	0	703,605
Patrick Henry Recreation Center	5,943,000	0	0	0	0	0	0	0	0	0	5,943,000
City Marina Utility Upgrades	187,000	1,063,000	0	0	0	0	0	0	0	0	1,250,000
Citywide Parks Improvements Plan	0	350,000	468,000	0	0	0	0	0	0	0	818,000
Fort Ward Management Plan Implementation	200,000	275,000	0	400,000	0	170,000	0	150,000	0	200,000	1,395,000
Open Space Acquisition & Development											
Open Space Acquisition and Develop.	0	1,500,000	2,000,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	21,000,000
FY 2016 - 2025 Recreation & Parks Total	15,205,000	14,959,000	26,472,000	8,302,000	8,657,605	7,974,000	7,847,000	7,997,000	7,847,000	8,047,000	113,307,605

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Restaurant Depot Contribution Projects

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
ORG: 44801677

Project Location: See Project Text
Reporting Area: Landmark/Van Dorn
Project Category: 3 – New Facilities
Estimated Useful Life: 7-20 years

Restaurant Depot Contribution Projects													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	200,000	*200,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Private Capital Contributions	200,000	*200,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	200,000	*200,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

As part of the Development Special Use Permit (DSUP) application for the new Restaurant Depot facility on Eisenhower Avenue, the applicant made a voluntary contribution for open space improvements.

The development contribution of $500,000 has been received and remaining projects include:

- Ben Brenman Park (4800 Brenman Park Drive) Trail Improvements. This project will address portions of the pathways that are damaged or do not meet ADA dimensional compliance ($25,000). This project will be completed in FY2015.
- Joseph Hensley Park (4200 Eisenhower Avenue) Festival Event Area. This project will renovate portions of the park to provide an event area with and supporting facilities ($175,000). This project will be completed with other improvements to the park in FY 2017 to minimize service impacts.
- $300,000 in development contributions were transferred to the renovation project at the Armistead L. Boothe Park playground completed in 2014.

Once completed, the projects will improve appearance, safety and existing levels of service for both active and passive recreation facilities while supporting healthy lifestyles by enhancing outdoor facilities.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time
- Improve resident's overall health

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure the government is accountable to the community

External or Internal Adopted Plan or Recommendation

- 4600-4604 Eisenhower Avenue Restaurant Depot, DSUP #2009-2003 approved by City Council, September 2009

Additional Operating Budget Impact

Planned improvements are anticipated to increase park rental revenues, which are anticipated to offset the maintenance costs of the new facilities.

Americans with Disabilities Act (ADA) Requirements

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
ORG: 44801679

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,348,813	*398,813*	450,000	250,000	250,000	250,000	250,000	100,000	100,000	100,000	100,000	100,000	1,950,000
Financing Plan													
Prior City Funding	398,813	*398,813*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	1,950,000	*0*	450,000	250,000	250,000	250,000	250,000	100,000	100,000	100,000	100,000	100,000	1,950,000
Total Financing Plan	2,348,813	*398,813*	450,000	250,000	250,000	250,000	250,000	100,000	100,000	100,000	100,000	100,000	1,950,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding increased from $0.261 million in last year's CIP to $1.95 million to begin provide funding for ADA capital improvements annually over the life of the ten-year plan.

Project Description & Justification

This project provides funding to meet Federal ADA requirements for outdoor recreational spaces. Consistent with Federal regulations, new park facilities, and renovations to existing park facilities such as playgrounds, restrooms, fields, and passive areas, must be made compliant with current requirements when built or renovated.

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 in parks.

In 2012, a study of five representative City parks was completed to understand the type and extent of necessary improvements. The study results were used to prioritize FY 2016 - 2018 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.

In FY 2016-2025, (in addition to previous funding) a system-wide accessibility audit and transition plan will be developed for compliance with Federal Law including correction/remedy of derelict conditions related to (for example) public facilities, parks, swimming pools, trails, athletic facilities. This plan will include analysis, prioritization and phased implementation of findings. Starting in FY 2020, funding will be used to implement improvements identified in the plan.

This proposal is in response to newly 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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time
- Improve resident's overall health

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are inclusive and diverse

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Safe, Secure, & Just Community
- Ensure all community members are treated justly and protected under the law

External or Internal Adopted Plan or Recommendation

- Strategic Master Plan for Open Space, Parks & Recreation approved by City Council, May 2003
- Park and Open Space Facilities Prioritization Analysis (2012)

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

ADA Requirements (Continued)

ADA Requirements Category 1 Project List

Fiscal Year 2016		
Description		Amount
Citywide ADA Parks Access Audit and Transition Plan	$	350,000
Ben Brenman Access Improvements	$	20,000
Angel Park Access Ramp	$	80,000
Total Fiscal Year 2016	$	450,000

Fiscal Year 2017		
Description		Amount
Ben Brenman Park Access Improvements to Picnic Shelter	$	250,000
Total Fiscal Year 2017	$	250,000

Fiscal Year 2018		
Description		Amount
Joseph Hensley Park Restroom Access Improvements	$	250,000
Total Fiscal Year 2018	$	250,000

Ball Court Renovations

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
ORG: 44801645

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,995,313	*1,495,313*	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Financing Plan													
Prior City Funding	1,495,313	*1,495,313*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	150,000	*0*	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
GO Bonds	1,350,000	*0*	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	1,350,000
Total Financing Plan	2,995,313	*1,495,313*	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

The City is responsible for the upkeep of 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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time
- Improve resident's overall health
- Ensure all children and youth thrive and succeed

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- Strategic Master Plan for Open Space, Parks & Recreation approved by City Council, May 2003
- 2011 Ball Court Assessment
- 2011 Engineering Analysis for Ball Field, Tennis and Sport Field Light Poles.
- 2011 & 2013 Parks and Recreation Needs Assessment
- 2014 Citywide Parks Improvement Plan

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Ball Court Renovations (Continued)

Ball Court Renovations Category 1 Project List

Fiscal Year 2016		
Description		Amount
Lee Center Basketball Court Renovation	$	22,000
Lee Center Tennis Courts Renovation	$	23,000
Ramsay Courts Renovation	$	40,000
Powhatan Basketball Renovation	$	57,000
Emergency Court Repairs	$	8,000
Total Fiscal Year 2016	$	150,000
Fiscal Year 2017		
Description		Amount
Fort Ward Park Tennis Courts Renovation	$	30,000
Lee Center Tennis Court Light Replacement	$	70,000
Powhatan Tennis Court Renovation	$	43,000
Emergency Court Repairs	$	7,000
Total Fiscal Year 2017	$	150,000
Fiscal Year 2018		
Description		Amount
Angel Basketball Court Renovation	$	45,000
Hensley Active Courts Project	$	100,000
Emergency Court Repairs	$	5,000
Total Fiscal Year 2018	$	150,000

Park Renovations Capital Facilities Maintenance Program (CFMP)

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
ORG: 44801682

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated Useful Life: 10 years

Park Renovations CFMP													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	7,374,848	*3,506,848*	270,000	270,000	416,000	416,000	416,000	416,000	416,000	416,000	416,000	416,000	3,868,000
Financing Plan													
Prior City Funding	3,506,848	*3,506,848*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	3,868,000	*0*	270,000	270,000	416,000	416,000	416,000	416,000	416,000	416,000	416,000	416,000	3,868,000
Total Financing Plan	7,374,848	*3,506,848*	270,000	270,000	416,000	416,000	416,000	416,000	416,000	416,000	416,000	416,000	3,868,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Annual funding reduced slightly from last year's CIP and moved to support the ADA improvements project. Funding added for FY 2025.

Project Description & Justification

This project provides an annual funding stream to address the capital maintenance needs at the City's park facilities, except the Waterfront Parks, which are covered by a separate CFMP. The list of FY 2016 - 2018 projects on the next page was determined through: an evaluation and analysis of the 2011 Alexandria Park and Recreation Needs Assessment; current facility conditions as evaluated in the 2011 Park Inventory; 2014 Citywide Parks Improvement Plan; and anticipated impact of upcoming adjacent development projects. Beginning in FY 2018, $50,000 is added to the budget annually to account for new City facilities acquired after 2016. 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 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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time
- Improve resident's overall health
- Ensure all children and youth thrive and succeed

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- Strategic Master Plan for Open Space, Parks & Recreation approved by City Council, May 2003
- 2010/2011 Dog Parks Master Plan
- 2011 & 2013 Parks and Recreation Needs Assessment
- 2014 Citywide Parks Improvement Plan

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Park Renovations CFMP (Continued)

Park Renovations CFMP Category 1 Project List

Fiscal Year 2016		
Description		Amount
Wayfinding Program/Plan for Six City-wide Parks	$	120,000
Fort Ward Goal Replacement	$	7,000
Carlyle Dog Area	$	49,000
Angel Park Stairs	$	30,000
Ben Brenman Dog Park Lighting	$	22,500
Ben Brenman Bridge Lighting	$	16,000
Emergency Repairs	$	25,500
Total Fiscal Year 2016	$	270,000
Fiscal Year 2017		
Description		Amount
Brenman Trail Improvements Across Cameron Run	$	41,200
Ben Brenman and Four Mile Run Trail Mile Markers	$	8,000
Luckett Field Lighting Upgrade to Control Link	$	93,000
Beach Park Amphitheater	$	54,000
Park Furniture Replacement	$	30,000
Hooffs Run Dog Area	$	19,000
Emergency Repairs	$	24,800
Total Fiscal Year 2017	$	270,000
Fiscal Year 2018		
Description		Amount
Holmes Run Dog Park Improvements	$	46,000
Timberbranch Dog Area Improvements	$	10,000
Tarleton Dog Area Improvements	$	14,000
Chambliss Dog Area Improvements	$	22,000
Fort Williams Dog Area Improvements	$	22,000
Simpson Park Bio Filters	$	228,000
Simpson Dog Park Berm Stabilization	$	30,000
Emergency Repairs	$	44,000
Total Fiscal Year 2018	$	416,000

Waterfront Parks Renovations Capital Facilities Maintenance Program (CFMP)

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
ORG: TBD

Project Location: Waterfront District Parks
Reporting Area: Waterfront
Project Category: 1 – Asset Maintenance
Estimated Useful Life: 10 years

Waterfront Parks CFMP													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	500,000	*0*	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Financing Plan													
Cash Capital	500,000	*0*	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Total Financing Plan	500,000	*0*	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: This is a new project added for FY 2016 - 2025.													

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 and the 2013 Alexandria Park and Recreation Needs Assessments; 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, and Stormwater (T&ES) and Waterfront Small Area Plan implementation. Each fiscal year includes subprojects that are grouped to create economy of scale benefits.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time
- Improve resident's overall health

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- Strategic Master Plan for Open Space, Parks & Recreation approved by City Council, May 2003
- 2010/2011 Dog Parks Master Plan
- 2011 & 2013 Parks and Recreation Needs Assessment
- 2012 Waterfront Small Area Plan
- 2014 Landscape and Flood Mitigation Concept Design

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Waterfront Parks Renovations CFMP (Continued)

Waterfront Parks Renovations CFMP Category 1 Project List

Fiscal Year 2016		
Description		Amount
Repair/Replace Pavers and Slate	$	3,000
Drainage installations	$	7,000
Equipment Shelter (Payne Street)	$	25,000
Volleyball Court Renovations	$	10,000
Emergency/Severe Weather Repairs	$	5,000
Total Fiscal Year 2016	$	50,000

Fiscal Year 2017		
Description		Amount
Trail & Timber Renovations in Oronoco Bay Park	$	6,000
Repair/Replace Pavers and Slate	$	3,000
Oronoco Bay North Pier Deck/Rail Replacement	$	20,000
Volleyball Court Renovations	$	10,000
City Standard Park Entrance Signs	$	6,000
Emergency/Severe Weather Repairs	$	5,000
Total Fiscal Year 2017	$	50,000

Fiscal Year 2018		
Description		Amount
Trail & Timber Renovations in Oronoco Bay Park	$	6,000
Repair/Replace Pavers and Slate	$	3,000
Oronoco Bay North Pier Deck/Rail Replacement	$	20,000
Volleyball Court Renovations	$	10,000
City Standard Park Entrance Signs	$	6,000
Emergency/Severe Weather Repairs	$	5,000
Total Fiscal Year 2018	$	50,000

Playground Renovations Capital Facilities Maintenance Program (CFMP)

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
ORG: 44801671

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	10,148,128	*3,765,128*	912,000	475,000	522,000	570,000	622,000	622,000	665,000	665,000	665,000	665,000	6,383,000
Financing Plan													
Prior City Funding	3,765,128	*3,765,128*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	3,183,000	*0*	462,000	225,000	272,000	320,000	372,000	272,000	315,000	315,000	315,000	315,000	3,183,000
GO Bonds	3,000,000	*0*	250,000	250,000	250,000	250,000	250,000	350,000	350,000	350,000	350,000	350,000	3,000,000
Land & Water Conservation Fund	200,000	*0*	200,000	0	0	0	0	0	0	0	0	0	200,000
Total Financing Plan	10,148,128	*3,765,128*	912,000	475,000	522,000	570,000	622,000	622,000	665,000	665,000	665,000	665,000	6,383,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: A Land and Water Conservation Fund grant awarded to the City will be appropriated in FY 2016. Annual funding reduced slightly from last year's CIP and moved to support the ADA improvements project. Funding added for FY 2025.

Project Description & Justification

The annual budget for playground renovations includes funding to ensure that the equipment and surface area of each of the 39 City owned play areas 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.

Projects planned in FY 2016 – 2018 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.

Detailed planning and design will occur within the individual project's fiscal year funding.

This project supports healthy lifestyles and addresses obesity and overall well-being in toddlers and preschoolers. 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, while maintaining the value of the City's capital infrastructure.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time
- Improve resident's overall health
- Ensure all children and youth thrive and succeed

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- Strategic Master Plan for Open Space, Parks & Recreation approved by City Council, May 2003
- 2011 & 2013 Parks and Recreation Needs Assessment
- 2012 Alexandria Play Space Assessment by the Partnership for a Healthier Alexandria and the Alexandria Health Department
- Alexandria Play Space Policy, approved by City Council November 2013
- 2014 Citywide Parks Improvement Plan

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Playground Renovations CFMP (Continued)

Playground Renovations CFMP Category 1 Project List

Fiscal Year 2016		
Description		Amount
Eugene Simpson Park Playground	$	776,400
Hume Springs Construction	$	100,000
Emergency Repairs	$	35,600
Total Fiscal Year 2016	$	912,000

Fiscal Year 2017		
Description		Amount
Lynhaven Park Construction	$	403,750
Lynhaven Park Design and Engineering	$	47,500
Emergency Repairs	$	23,750
Total Fiscal Year 2017	$	475,000

Fiscal Year 2018		
Description		Amount
Charles Barrett Recreation/Playground Construction	$	417,600
Charles Barrett Recreation Playground Design and Engineering	$	39,150
Brookvalley Park Playground Design and Engineering	$	39,150
Emergency Repairs	$	26,100
Total Fiscal Year 2018	$	522,000

Tree and Shrub Capital Maintenance

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
ORG: 44801656, 44801657

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	6,396,781	*3,236,781*	226,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	3,160,000
Financing Plan													
Prior City Funding	3,236,781	*3,236,781*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	3,160,000	*0*	226,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	3,160,000
Total Financing Plan	6,396,781	*3,236,781*	226,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	3,160,000
Additional Operating Impact													
Annual Impact			0	37,500	77,250	79,568	81,955	84,413	86,946	89,554	92,241	95,008	724,433
Cumulative Impact			0	37,500	114,750	194,318	276,272	360,685	447,631	537,185	629,425	724,433	724,433

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

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. In total, the City maintains over 200 horticultural sites and over 1,200 tree wells, which periodically require renovations and enhancements. The program is budgeted for the planting of approximately 450 replacement and new trees in City parks and open spaces, and at public facilities in FY 2016. The current average installed cost per tree is $250.

In September 2009, the City's Urban Forestry Master Plan was approved by City Council. The Plan recommends adoption of American Forest's suggested goal of 40% tree canopy cover (Recommendation 1). It identifies planting trees as an integral part of sustaining and expanding the City's tree canopy (Recommendation 3). The Plan further recommends planting an additional 400 trees annually above the current rate of yearly planting. This is reflected by the increase in funding of $100,000 per year beginning FY 2017.

The projects listed on the next page are planned for FY 2015 – 2017, 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, limiting erosion, providing storm water management, and reducing pollutants in the air.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve resident's overall health

Focus Area: Livable, Green, & Prospering City
- Sustain the natural quality of land within the City
- Improve the City's air quality
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government
- Achieve the results the community values
- Ensure the government is accountable to the community

External or Internal Adopted Plan or Recommendation

- Strategic Master Plan for Open Space, Parks & Recreation approved by City Council, May 2003
- Urban Forestry Master Plan approved by City Council, June 2009
- Eco-City Charter adopted by City Council, June 2008
- 2009 Environmental Action Plan – Chapter 7, Goal 2 and 3
- 2011 Parks and Recreation Needs Assessment, completed July 2011

Additional Operating Budget Impact

Beginning in FY 2017 when the annual capital funding amount is increased by $100,000, additional contract services will need to be provided to care for the new trees. The estimated cost will be $75,000 in FY 2018, with one-half year of cost budgeted in FY 2017. Costs increase by 3% inflation in FY 2019 and every year thereafter.

Tree and Shrub Capital Maintenance (Continued)

Tree and Shrub Capital Maintenance Category 1 Project List

Fiscal Year 2016		
Description		Amount
Tree Planting	$	111,000
Hillside Park Planting	$	10,000
Renovate Landscaped Areas at Recreation Centers and Other City Facilities	$	40,000
King St/Washington St/Market Square Improvements	$	15,000
Forest Restoration at Goat Hill Park (Phase 2 of 3)	$	10,000
Wetland Restoration at Dora Kelly Nature Park (Phase 1 of 2)	$	25,000
Renovate Landscape in Church St ROW at South Patrick Street	$	15,000
Total Fiscal Year 2016	$	226,000

Fiscal Year 2017		
Description		Amount
Tree Planting	$	206,000
Improvements to Native Plant Conservation Zones	$	30,000
Renovate Landscaped Areas at Recreation Centers and Other City Facilities	$	20,000
Windmill Hill Park (Dog Park Bio-Swale and Bank Restoration)	$	25,000
Forest Restoration at Goat Hill Park (Phase 3 of 3)	$	10,000
Wetland Restoration at Dora Kelly Nature Park (Phase 2 of 2)	$	15,000
Forest Restoration at Dora Kelly Nature Park (Phase 1 of 2)	$	20,000
Total Fiscal Year 2017	$	326,000

Fiscal Year 2018		
Description		Amount
Tree Planting	$	216,000
Forest Restoration at Dora Kelly Nature Park (Phase 2 of 2)	$	30,000
Forest Restoration at Monticello Park (Phase 1 of 2)	$	20,000
Renovation of Van Dorn Street Medians	$	30,000
Renovate Landscaped Areas at Recreation Centers and Other City Facilities	$	30,000
Total Fiscal Year 2018	$	326,000

Renovation & Proactive Capital Management of Urban Forest

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
ORG: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated Useful Life: Varies

Renovation and Proactive Capital Management of Urban Forest													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,100,000	*0*	0	0	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,100,000
Financing Plan													
Cash Capital	2,100,000	*0*	0	0	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,100,000
Total Financing Plan	2,100,000	*0*	0	0	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,100,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: This is a new project added for FY 2019 - 2025.

Project Description & Justification

Recommendation 39 of the Urban Forestry Master Plan (2009) calls for the implementation of a 5-year rotational cycle for the renovation and maintenance of all established trees planted along City streets, in parks, and on school grounds and other public properties. Such 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. It also provides an opportunity to evaluate whether some trees are in declining health or otherwise present a need for removal before they fail (die/topple/become hazards in storms).

Best Management Practices for the care and maintenance of urban forest capital assets support regularly-scheduled, recurring inspection of each tree and the performance of pruning or other identified needs to address potential hazards and to facilitate the long-term survival of the tree. Industry standards call for those maintenance activities to be accomplished on a cycle of approximately five years. Extending the capital maintenance cycle beyond five years leads to greater levels of limb and tree failure, and increased storm damage, while shortening the cycle to less than five years provides diminishing value due to the relatively small number of problems that are identified. The goal is to protect the investment in the long-lived assets (trees) and reduce the need and costs for replacements. The project would enable the Urban Forestry section to address a large 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 renovation program will result in a more efficient process, reduced overall cost, and a better level of service for the City and its residents.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve resident's overall health

Focus Area: Livable, Green, & Prospering City
- Sustain the natural quality of land within the City
- Improve the City's air quality
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government
- Achieve the results the community values
- Ensure the government is accountable to the community

External or Internal Adopted Plan or Recommendation

- Urban Forestry Master Plan approved by City Council, June 2009
- RPCA – Parks operations 3-year business plan (FY 2015-2017) and FY 2015 Park operations annual work plan

Additional Operating Budget Impact

No additional operating impact is anticipated

Soft Surface Trails

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): Transportation & Environmental Services
ORG: 44801652

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,866,987	*666,987*	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	1,200,000
Financing Plan													
Prior City Funding	666,987	*666,987*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	1,200,000	*0*	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	1,200,000
Total Financing Plan	1,866,987	*666,987*	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	1,200,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

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 Park and Recreation Needs Assessment 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.

The projects listed on the next page are planned for FY 2016 – 2018. 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 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 value of the City's capital infrastructure.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time
- Improve resident's overall health

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- Strategic Master Plan for Open Space, Parks & Recreation approved by City Council, May 2003
- Four Mile Run Restoration Master Plan jointly approved by Arlington County Board and Alexandria City Council, March 2006
- 2009 Eco-City Environmental Action Plan – Chapter 7, Goals 2 & 3
- 2013 Parks and Recreation Needs Assessment
- Bicycle and Pedestrian Master Plan (2008)

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Soft Surface Trails (Continued)

Soft Surface Trails Category 1 Project List

Fiscal Year 2016		
Description		Amount
Four Mile Run Connector Design	$	120,000
Total Fiscal Year 2016	$	120,000
Fiscal Year 2017		
Description		Amount
Polk Avenue Park	$	120,000
Total Fiscal Year 2017	$	120,000
Fiscal Year 2018		
Description		Amount
Potomac Greens Trail Renovation	$	25,000
Forest Park Bridge	$	49,000
Beach Park Walkway	$	14,000
Simpson Park Duncan Avenue Entrance	$	28,000
Simpson Park Distance Markers	$	4,000
Total Fiscal Year 2018	$	120,000

Water Management and Irrigation

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
ORG: 44801658

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1- Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,303,350	*1,151,350*	0	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	1,152,000
Financing Plan													
Prior City Funding	1,151,350	*1,151,350*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	1,152,000	*0*	0	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	1,152,000
Total Financing Plan	2,303,350	*1,151,350*	0	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	1,152,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding in FY 2016 eliminated as prior year balances will be sufficient to complete FY 2016 initiatives. Funding added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

This project funds the design of efficient water management systems, including the conversion of manual irrigation controllers to automatic irrigation controllers. Currently, the systems use manual mechanical timers, but they do not self-adjust for periods of droughts, power outages, or rainfall. The use of a central control system provides more efficient irrigation systems and allows the individual sites to reduce use of potable water for landscape maintenance, as well as adjust for climate, park use, and park maintenance. These controllers also help the department utilize current water-conserving landscaping principles. Improvements to the existing irrigation infrastructure, if not pursued, could necessitate the abandonment of declining irrigation systems.

An irrigation audit and data verification collection project is underway. This project will provide the information necessary to transition existing irrigation systems to the central control system.

The projects listed on the next page are planned for FY 2016 – FY 2018. Due to the possibility of unexpected or emergency repairs, or if efficiencies can be achieved by staging projects together, projects are subject to change.

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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time
- Improve resident's overall health

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- Strategic Master Plan for Open Space, Parks & Recreation approved by City Council, May 2003
- Eco-City Charter – Water Resource Conservation, 2008
- Eco-City Alexandria Environmental Action Plan, adopted by City Council, June 2009
- 2012 Youth Sports Advisory Board Field Exercise

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Water Management and Irrigation (Continued)

Water Management and Irrigation Category 1 Project List

Fiscal Year 2016	
Description	Amount
Prior year balances will be utilized to complete projects in FY 2016.	N/A
Total Fiscal Year 2016	N/A

Fiscal Year 2017	
Description	Amount
Contrabands and Freemen Cemetery Irrigation Program	$ 75,000
Renovate systems as identified in Phased Inventory and Audit	$ 15,000
Standardize irrigation components and materials	$ 38,000
Total Fiscal Year 2017	$ 128,000

Fiscal Year 2018	
Description	Amount
Renovate systems as identified in Inventory and Audit	$ 90,000
Standardize irrigation components and materials	$ 8,000
Install/renovate irrigation systems at the Portal Locations	$ 30,000
Total Fiscal Year 2018	$ 128,000

Major Asphalt Resurfacing in Parks

Document Subsection: Park Maintenance & Improvements
Managing Department: Transportation & Environmental Services
Supporting Department(s): Recreation, Parks & Cultural Activities
ORG: 44802310

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated Useful Life: 15-20 years

Major Asphalt Resurfacing in Parks													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	3,000,000	*500,000*	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Financing Plan													
Prior City Funding	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	370,000	*0*	37,000	37,000	37,000	37,000	37,000	37,000	37,000	37,000	37,000	37,000	370,000
GO Bonds	2,130,000	*0*	213,000	213,000	213,000	213,000	213,000	213,000	213,000	213,000	213,000	213,000	2,130,000
Total Financing Plan	3,000,000	*500,000*	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

The condition of pavement in many of the City's parks is very poor, based on staff inspections. Due to many years of deferred maintenance, there is the potential for some pavement sections to fail, which could potentially require more expensive repairs and major rehabilitation. Continued deferral of maintenance on park roads and parking lots will eventually require full-depth repair and complete construction, which is far more expensive than continual maintenance.

T&ES staff has currently identified 18 parks with roads, parking lots or asphalt surfaces that require maintenance. Projects planned for FY 2016 – 2018 include:

- FY 2016 – Ben Brenman Park Paving;
- FY 2017 – Hensley Park Eastern Parking Lot Repaving;
- FY 2018 – Hensley Park Western Parking Lot Repaving and
- FY 2016 – 2018 – Five percent (5%) of annual funding is set-aside for emergency repairs.

Preliminary estimates for all pavement improvements have been developed. Final funding estimates will be contingent on several factors, principally the cost of petroleum, which has a significant effect on the cost of asphalt.

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

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area Team: Safe, Secure & Just Community
- Reduce harm to people or property from building failures

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- Strategic Master Plan for Open Space, Parks & Recreation approved by City Council, May 2003
- 2011 Parks and Recreation Needs Assessment,
- 2013 Parks and Recreation Needs Assessment
- 2014 Citywide Parks Improvement Plan

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Athletic Field Restroom Renovations

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): General Services
ORG: 44802358

Project Location: 520 Cameron Station Blvd.
3701 W. Braddock Rd;
3700 Commonwealth Avenue
Reporting Area: Seminary Hill/Strawberry Hill
Landmark/Van Dorn; Arlandria Small Area Plan
Project Category/Priority: 2 - Renovations/Existing Assets
Estimated Useful Life: 20 years

Athletic Field Restroom Renovations													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,110,000	*20,000*	370,000	370,000	350,000	0	0	0	0	0	0	0	1,090,000
Financing Plan													
Cash Capital	129,000	*20,000*	37,000	37,000	35,000	0	0	0	0	0	0	0	109,000
GO Bonds	981,000	*0*	333,000	333,000	315,000	0	0	0	0	0	0	0	981,000
Total Financing Plan	1,110,000	*20,000*	370,000	370,000	350,000	0	0	0	0	0	0	0	1,090,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Based on updated cost estimates informed by preliminary design work, an additional $190,000 was added to this project from FY 2016 - 2018.

Project Description & Justification

The condition of restrooms at athletic field facilities throughout the City is deteriorating. This project will fund the site work, renovation and installation of site specific restrooms to replace existing restroom facilities. The restrooms will be ADA compliant and will reduce long term maintenance of existing facilities. The new facilities will be energy efficient and include green building materials and/or technologies. This project was identified through community input solicited to identify athletic field needs.

Planning and design for the first renovation at Armistead L. Boothe Park is currently underway. Future planned projects include the demolition and replacement of the existing restroom facilities at Minnie Howard Field and Four Mile Run Park. Preliminary planning and initial scoping, including review of land approvals and existing conditions has been completed. The project replaces existing facilities on currently owned property, and does not anticipate any special use permits or other land use approvals.

The renovated facilities will address the initiatives to improve ambient air quality in the City through emissions reductions and expand and enhance the City Green Building Program. Renovations will address the initiative to improve youth recreation and athletic field capacity.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure the government is accountable to the community
- Achieves results the community values

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- 2012 Youth Sports Advisory Board Fields Exercise
- 2014 Citywide Parks Improvement Plan

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated. Facilities are replacing older, less energy efficient facilities so there may be a slight decrease in utility costs.

Windmill Hill Park Improvements

Document Subsection: Park Maintenance & Improvements
Project Location: 501 S. Union St.
Managing Department: Recreation, Parks & Cultural Activities, Dept. of Project Implementation
Reporting Area: Waterfront
Supporting Department(s): Transportation & Environmental Services
Project Category: 2 – Renovations/Existing Assets
ORG: 44801661
Estimated Useful Life: 25 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	6,997,500	*1,997,500*	5,000,000	0	0	0	0	0	0	0	0	0	5,000,000
Financing Plan													
Prior City Funding	1,962,500	*1,962,500*	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	5,000,000	*0*	5,000,000	0	0	0	0	0	0	0	0	0	5,000,000
Private Capital Contributions	35,000	*35,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	6,997,500	*1,997,500*	5,000,000	0	0	0	0	0	0	0	0	0	5,000,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding in last year's CIP of $3.7 million is increased to $5.0 million based on updated preliminary cost estimates and including project management costs.

Project Description & Justification

This project consists of the complete replacement of the existing bulkhead at Windmill Hill Park with a Living Shoreline. This will include 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 and a pedestrian bridge over the Gibbon Street stream outfall. Outstanding park improvements will not be implemented until the Living Shoreline is installed.

The replacement of the bulkhead is one of multiple park improvements adopted by City Council in the 2003 Windmill Hill Park Master Plan. The existing bulkhead is approximately 900 feet long, surrounds the perimeter of a cove located on the west bank of the Potomac River, and is located approximately 0.5 miles north of the Woodrow Wilson Bridge. The surrounding land is a City park that fronts on South Union Street and located adjacent to residential housing. The total length of perimeter shoreline in the cove is approximately 1,200 feet. The bulkhead is constructed of wood timbers and concrete slabs and is in a state of advanced deterioration, as evidenced by ongoing soil erosion behind the bulkhead and loss of wall debris into the cove. The area is subject to tidal currents and the cove has no protection from waves and flotsam. The bulkhead was inspected by external consulting engineers in February 2012, who rated it in "critical" condition with vertical and horizontal movement of structural components. Installation of the Living Shoreline will stabilize and counteract shoreline deterioration.

The project plan calls for the least amount of disturbance by performing the work as quickly as possible. The project will be designed to meet resident expectations for durability and aesthetics. Community engagement activities and 30% scale planning, design and engineering occurred in FY 2015, with final design to begin in summer 2015 and construction anticipated to begin in late-FY 2016.

Planning is underway to prioritize work needed to address other public safety issues, as well as to consider other planned improvements throughout the park consistent with the City Council adopted 2003 Windmill Hill Master Plan.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area Team: Safe, Secure, & Just Community
- Reduce harm to people or property from building failures

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Sustain the natural quality of land within the City
- Improve the health of City waterways

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure the government is accountable to the community
- Achieves results the community values

External or Internal Adopted Plan or Recommendation

- Windmill Hill Park Master Plan approved by City Council, April 2003
- 2012 Waterfront Small Area Plan adopted by City Council, February 2012
- 2012 Union Street Corridor Study adopted April 2013
- June 13, 2015 City Council Living Shoreline Concept Approval

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Park Maintenance Facilities

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): General Services
ORG: TBD

Project Location: 3700 Commonwealth Avenue
910 S. Payne Street
Reporting Area: Potomac West, Southwest Quadrant
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: 10-20 years

Park Maintenance Facilities													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	280,000	*0*	0	30,000	250,000	0	0	0	0	0	0	0	280,000
Financing Plan													
Cash Capital	55,000	*0*	0	30,000	25,000	0	0	0	0	0	0	0	55,000
GO Bonds	225,000	*0*	0	0	225,000	0	0	0	0	0	0	0	225,000
Total Financing Plan	280,000	*0*	0	30,000	250,000	0	0	0	0	0	0	0	280,000
Additional Operating Impact													
Annual Impact			0	0	4,500	9,270	9,548	9,835	10,130	10,433	10,746	11,069	75,531
Cumulative Impact			0	0	4,500	13,770	23,318	33,153	43,282	53,716	64,462	75,531	75,531
Changes from Prior Year CIP: No changes from prior year CIP.													

Project Description & Justification

This project will provide modern, ADA and code compliant satellite work facilities for Park Operations staff. The current facilities do not meet the building code requirements for separate occupied space and electrical, mechanical, and combustible item storage facilities. In order to provide staff with regulation work spaces, new satellite facilities must be built or staff must relocate to the central facility at 2900 Business Center Drive.

Satellite facilities will allow staff to maintain de-centralized operations, which increase efficiency and time spent in the parks, decrease travel time throughout the City, decrease fuel costs and reduce vehicle emissions.

Modular facilities are planned for two crews, one at the Horticulture Yard at 910 South Payne Street and one at Four Mile Run Park at 3700 Commonwealth Avenue. The project is currently in preliminary planning. The project has been scoped for applicable land use requirements, lifespan and project costs. A Special Use Permit must be attained for each Park Maintenance facility. Such applications are anticipated during the first year of funding.

Without this project, service to the community will decrease due to increased travel time, less time spent maintaining the parks, and reduction in on-site presence by staff.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the City government

Focus Area: Livable, Green, & Prospering City

- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional operating impact of $4,500 is anticipated for 6 months of operations in FY 2018. A full year of additional operating impact totaling $9,000 will begin in FY 2017 and will continue annually. Reoccurring costs include water and electric utilities and general maintenance/cleaning of the facilities. The operating costs are estimated at $3.00/square foot for two 1,500 square foot units.

Athletic Field Improvements Including Synthetic Turf

Document Subsection: Park Maintenance & Improvements
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
ORG: 44801686

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	23,854,435	*5,744,435*	0	1,610,000	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,110,000
Financing Plan													
Cash Capital	4,516,935	*2,656,935*	0	210,000	250,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,860,000
GO Bonds	19,137,500	*2,887,500*	0	1,400,000	2,250,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	16,250,000
Private Capital Contributions	200,000	*200,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	23,854,435	*5,744,435*	0	1,610,000	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,110,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

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 athletic fields including re-grading and replacement fixtures. 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.

Beginning in FY 2017, funding will implement the following projects:

- FY 2017 - Minnie Howard Field re-carpeting and Hensley Baseball Field Improvements
- FY2018 – Fort Ward re-carpeting and Hensley Soccer Field Improvements
- FY 2019 – Field improvements at Four Mile Run Park.

Preliminary planning has been completed for the project. 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. 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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area Team: Healthy & Thriving Residents

- Improve the quality of resident's leisure time
- Improve residents' overall health
- Ensure all children and youth thrive and succeed

Focus Area: Livable, Green, & Prospering City

- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the fiscal strength of the government
- Achieves results the community values

External or Internal Adopted Plan or Recommendation

- Strategic Master Plan for Open Space, Parks & Recreation approved by City Council, May 2003
- 2009 Athletic Field Strategy Study
- 2012 Youth Sports Fields Exercise
- 2014 Citywide Parks Improvement Plan

Additional Operating Budget Impact

This project is anticipated to increase revenues through year round field use. Additionally, water consumption should decrease as the fields are converted to artificial turf. These decreased costs will likely be offset by increased field maintenance and usage.

City Marina Maintenance

Document Subsection: Recreation Facility Maintenance
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): General Services
ORG: 44801684

Project Location: 107 N. Union St.
Reporting Area: Waterfront
Project Category: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,775,613	*525,613*	190,000	340,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	1,250,000
Financing Plan													
Prior City Funding	525,613	*525,613*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	900,000	*0*	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	900,000
GO Bonds	350,000	*0*	100,000	250,000	0	0	0	0	0	0	0	0	350,000
Total Financing Plan	1,775,613	*525,613*	190,000	340,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	1,250,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added in FY 2016 and FY 2017 to repairs sections of the City Marina seawalls. Funding added for FY 2025. No other changes.

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 as the first priority. 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 value of the Marina's capital infrastructure.

Infrastructure projects include funding in FY 2016 and FY 2017 to implement interim stabilization and repairs to the northern end of the Marina seawall/bulkhead. The interim measures will support planned flood mitigation and Founders Park enhancements consistent with the Waterfront Plan Implementation in later years.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 1 – Economic Development

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Increase the economic benefits of tourism to the City
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Healthy & Thriving Residents

- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- Waterfront Small Area Plan adopted by City Council, February 2012
- 2013 City Marina Facility Assessment

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

City Marina Maintenance (Continued)

City Marina Maintenance Category 1 Project List

Fiscal Year 2016		
Description		Amount
Severe Weather Repairs	$	16,000
Walkway Repairs	$	20,000
Electrical Repairs	$	10,000
Plumbing Repairs	$	10,000
ADA Compliance Boater Restroom Heating	$	20,000
ADA Compliance Boater Restroom Clearance	$	2,000
Security Camera Upgrade	$	12,000
Seawall Repairs	$	100,000
Total Fiscal Year 2016	$	190,000

Fiscal Year 2017		
Description		Amount
Severe Weather Repairs	$	16,000
Walkway Repairs	$	20,000
Electrical Repairs	$	10,000
Plumbing Repairs	$	10,000
ADA Compliance Railings	$	34,000
Seawall Repairs	$	250,000
Total Fiscal Year 2017	$	340,000

Fiscal Year 2018		
Description		Amount
Severe Weather Repairs	$	15,000
Walkway Repairs	$	10,000
Electrical Repairs	$	10,000
Plumbing Repairs	$	10,000
ADA Compliance Signage	$	11,000
Fire Cabinets	$	11,000
Fire Alarm Installation	$	23,000
Total Fiscal Year 2018	$	90,000

Public Pools

Document Subsection: Recreation Facility Maintenance
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): General Services
ORG: 44801683

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,541,114	*1,021,114*	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	520,000
Financing Plan													
Prior City Funding	1,021,114	*1,021,114*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	520,000	*0*	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	520,000
Total Financing Plan	1,541,114	*1,021,114*	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	520,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

This project includes annual funding for maintenance of all public swimming pool shells, structures, mechanical and filtration systems, decks, bathhouses, 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 maintenance requirements and types of facilities needed in the future. The City is planning to operate Old Town, Charles Houston, and Chinquapin Center pools in FY 2016. A list of projects to be completed in FY 2016 – 2018 can be found on the next page, 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.

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. In addition, Annual maintenance funding enhances the level of service currently provided to pool users, while maintaining the value of City pools' capital infrastructure.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time
- Ensure all children and youth thrive and succeed

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- Strategic Master Plan for Open Space, Parks & Recreation approved by City Council, May 2003
- 2002 Outdoor Pools Facility Assessment
- 2011 and 2013 Parks and Recreation Needs Assessment
- 2012 Aquatics Facility Study

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Public Pools (Continued)

Public Pools Category 1 Project List

Fiscal Year 2016		
Description		Amount
Replace Old Town Training Pool Fence	$	14,000
Upgrade Old Town Family Changing Room for ADA Compliance	$	13,000
Old Town Pool Door Replacement Project	$	10,000
Charles Houston Ramp Resurfacing	$	8,000
Old Town Pool Plumbing Fixture Replacement Project	$	7,000
Total Fiscal Year 2016	$	52,000

Fiscal Year 2017		
Description		Amount
Old Town Pool Electrical Upgrades	$	30,000
Old Town Pool Hot Water Heater Replacement	$	14,000
Old Town Pool Plumbing Fixture Replacement Project	$	8,000
Total Fiscal Year 2017	$	52,000

Fiscal Year 2018		
Description		Amount
Chinquapin LED Lights	$	45,000
Replace Old Town Pool Storefront/Staff Office	$	7,000
Total Fiscal Year 2018	$	52,000

Recreation Centers Capital Facilities Maintenance Program (CFMP)

Document Subsection: Recreation Facility Maintenance
Managing Department: General Services
Supporting Department(s): Recreation, Parks & Cultural Activities
ORG: 44801641

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1- Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	10,121,040	*3,121,040*	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	7,000,000
Financing Plan													
Prior City Funding	3,121,040	*3,121,040*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	3,430,000	*0*	280,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,430,000
GO Bonds	3,450,000	*0*	300,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,450,000
Prior Year/Close-Out - City	120,000	*0*	120,000	0	0	0	0	0	0	0	0	0	120,000
Total Financing Plan	10,121,040	*3,121,040*	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	7,000,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

This project provides an annual funding stream to address the capital maintenance needs at the City's eleven heavily-used neighborhood recreation centers and other recreational facilities. 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 Centers 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 expectancies of equipment and materials necessary to adequately maintain the Park and Recreation physical plant. In some cases, the equipment may be retained beyond the standard life expectancy if it is in good operating condition and it is cost-effective to do so.

A list of projects to be completed in FY 2016 – 2018 can be found on the next page, 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 Recreation Centers CFMP is used to maintain building capital assets. Maintenance keeps the building functioning properly, decreases costly repairs, and promotes a healthy environment.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time
- Improve resident's overall health
- Ensure all children and youth thrive and succeed

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- Strategic Master Plan for Open Space, Parks & Recreation approved by City Council, May 2003
- 2011 & 2013 Parks and Recreation Needs Assessment

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Recreation Centers CFMP (Continued)

Recreation Centers CFMP Category 1 Project List

Fiscal Year 2016		
Description		Amount
Charles Barrett Recreation Center - Paint Gym/Awnings/Exterior Lighting/Reception Counter Upgrade	$	46,500
Cora Kelly Recreation Center - Upgrade Reception Counter/Paint Gym	$	47,000
Lee Center - Hot Water Piping in Basement/HVAC Upgrade/Bathroom Renovations	$	285,000
Nannie Lee Recreation Center - Upgrade Interior Lighting & Ceiling	$	80,000
Ramsay Recreation Center - HVAC Upgrade	$	59,500
Oswald Durant Center - Security Light Install/New Flooring	$	83,000
Chinqupain Recreation Center - Exterior Sealant	$	99,000
Total Fiscal Year 2016	$	700,000

Fiscal Year 2017		
Description		Amount
Charles Barrett Recreation Center - Upgradge Reception Counter/Re-Commission HVAC	$	35,000
Colosanto Center - Upgrade Thermostats/Install Awning/Upgrade Electrical Panel	$	65,000
Cora Kelly Recreation Center - Upgrade Main Distribution Panel/Exterior Lighting Upgrade	$	75,000
Jerome Buddie Ford Nature Center - Replace Split System/Refurbish Deck/Add slope roof on deck	$	105,000
Lee Center - Replace AC2/Auditorium Carpet	$	135,000
Mt. Vernon Rec. - Refurbish Arts and Crafts Room/Ceiling Upgrade/Replace Dance Floor & Flooring	$	120,000
Oswald Durant Recreation Center - Stage Lighting System	$	62,000
Ramsey Recreation Center - Replace Exterior Doors/Gym Curtain	$	75,000
Miscellaneous	$	28,000
Total Fiscal Year 2017	$	700,000

Fiscal Year 2018		
Description		Amount
Charles Barrett Rec. Ctr. - Gym Door Replacement/Interior Ceiling Upgrade/update fire alarm	$	135,000
Chinquapin Recreation Center - Room Divider	$	25,000
Colosanto Center - Replace Exterior Doors	$	10,000
Cora Kelly Recreation Center - Paint Interior	$	45,000
Jerome Buddie Ford Nature Center - Paint Exterior	$	5,000
Lee Center - Replace millwork and cabinets in several areas/replace partition/install new VFD's	$	125,000
Mt. Vernon Rec - Upgrade restrooms/Dividing curtain/Exterior Sealing	$	114,000
Nannie Lee Recreation Center - New flooring	$	25,000
Charles Houston Recreation Center - Exterior Sealing	$	55,000
William Ramsey - new flooring/paint/HVAC upgrade/ceiling upgrade	$	161,000
Total Fiscal Year 2018	$	700,000

Recreation Facilities Security Review

Document Subsection: Recreation Facility Maintenance
Managing Department: General Services
Supporting Department(s): Recreation, Parks & Cultural Activities
ORG: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 - New Facilities
Estimated Useful Life: Varies

Recreation Facilities Security Review													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	135,000	*0*	135,000	0	0	0	0	0	0	0	0	0	135,000
Financing Plan													
Cash Capital	135,000	*0*	135,000	0	0	0	0	0	0	0	0	0	135,000
Total Financing Plan	135,000	*0*	135,000	0	0	0	0	0	0	0	0	0	135,000
Additional Operating Impact													
Annual Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: This is a new project added for FY 2016.

Project Description & Justification

In 2014, the Alexandria Police Department (APD) performed a security review of the City's eleven recreation centers.

The APD Assessment used national standards including Crime Prevention Through Environmental Design (CPTED) and the 2013 School Safety Inspection Checklist for Virginia Public Schools.

The APD Assessment focused on evaluating safety factors related to potential for criminal activity. The result of this review was a safety evaluation that identified vulnerabilities and provided recommendations for remedy actions. These recommendations included a range of items from changes to lock systems, creation of "safe" areas and surveillance systems, to robust building and site modifications and preventive/incident response training for staff.

The Recreation Facilities Security Review will fund a professional analysis and prioritization of the APD findings. The analysis will examine all recommendations and develop an implementation matrix that combines physical building improvements, program modifications, and procedural/behavioral changes in order to prioritize critical safety and security items, identify implementation economies of scale, develop cost estimates and ascertain inadequate policies and standard operating procedures. The project will be coordinated with various City departments and Alexandria City Public Schools.

The analysis will be used in the development of future year CFMP programs and departmental operational work plans.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time
- Improve resident's overall health
- Ensure all children and youth thrive and succeed

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Additional impacts to the operating budget will be identified when security recommendations are implemented.

Chinquapin Aquatics Center

Document Subsection: Renovated or New Recreation Facilities
Managing Department: Recreation Parks & Cultural Activities
Supporting Department(s): General Services
ORG: 44802221

Project Location: 3210 King Street
Reporting Area: Taylor Run
Project Category: 3 – New Facilities
Estimated Useful Life: Varies

Chinquapin Aquatics Center													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	22,850,000	*500,000*	0	4,500,000	17,850,000	0	0	0	0	0	0	0	22,350,000
Financing Plan													
Cash Capital	1,500,000	*500,000*	0	500,000	500,000	0	0	0	0	0	0	0	1,000,000
GO Bonds	18,850,000	*0*	0	4,000,000	14,850,000	0	0	0	0	0	0	0	18,850,000
Private Capital Contributions	2,500,000	*0*	0	0	2,500,000	0	0	0	0	0	0	0	2,500,000
Total Financing Plan	22,850,000	*500,000*	0	4,500,000	17,850,000	0	0	0	0	0	0	0	22,350,000
Additional Operating Impact													
Annual Impact			0	0	0	625,000	1,287,500	1,326,125	1,365,909	1,406,886	1,449,093	1,492,565	8,953,078
Cumulative Impact			0	0	0	625,000	1,912,500	3,238,625	4,604,534	6,011,420	7,460,512	8,953,078	8,953,078

Changes from Prior Year CIP: In last year's CIP, funding was planned for FY 2016 – 2017. Funding has been pushed back a year to allow for additional consideration of the type of facility to be constructed, identification of additional funding required for a 50 meter x 25 yard pool, and review of operating costs of the new facility in the context of the City's five-year financial plan. Total project funding increases from $20.0 million to $22.9 million (the difference coming from reprogramming prior year Aquatics Facilities TBD funding to the project).

Project Description & Justification

This project provides funding for an aquatics feasibility study and subsequent design and construction of an aquatics center at the Chinquapin site. Based on available funding for this project in last year's approved CIP and the balance of "Aquatics Facilities TBD" funding not being re-allocated to the Warwick Pool Renovations project, a total of $22.9 million is available for Chinquapin Aquatics Facilities improvements ($22.4 million in FY 2016 – 2025). The project budget is anticipated to be supplemented with up to $2.5 million in private capital contributions.

In FY 2014, the City began a feasibility study to determine the scale and scope of a new competition pool, leisure pool, diving well, and support facilities, given the site constraints and citywide needs. The study was completed in 2015 and will help guide design and construction.

The total project cost depends on the size of the expansion / improvements and has been estimated at a cost of at least $30.7 million for a 50 meter x 25 yard (50 x 25) pool. If City Council were to move forward with a 50 x 25 pool, planned funding for other projects throughout the CIP would need to be reprogrammed to provide the additional $8 - $11 million required to fully fund the 50 x 25 pool. City staff is currently looking at different options to potentially reduce the cost of the new facility, and will present those options to City Council in the fall of 2015.

Funding for construction is planned in FY 2017 – 2018. In last year's CIP, funding was planned for FY 2016 – 2017. Funding has been pushed back a year to allow for identification of additional funding required for a 50 x 25 yard pool (if a 50 x 25 pool is desired), and review of operating costs of the new facility in the context of the City's five-year financial plan.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time
- Improve resident's overall health
- Ensure all children and youth thrive and succeed

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich

Focus Area: Accountable, Effective, & Well-Managed Government
- Achieves results the community values

External or Internal Adopted Plan or Recommendation

- 2012 Aquatics Facility Study
- 2011 & 2013 Parks and Recreation Needs Assessment

Additional Operating Budget Impact

A detailed analysis of the annual operating impact will be determined as part of the initial feasibility study. A very rough estimate of additional annual operating impacts for the 50 x 25 pool and recreation pool (of which some funding is currently budgeted) is $1.25 million with offsetting revenues to be determined.

Warwick Pool Renovations

Document Subsection: Renovated or New Recreation Facilities
Managing Department: Recreation Parks & Cultural Activities
Supporting Department(s): General Services
ORG: TBD

Project Location: 3301 Landover Street
Reporting Area: Potomac West
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 20 Years

Warwick Pool Renovations													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,300,000	*150,000*	0	2,150,000	0	0	0	0	0	0	0	0	2,150,000
Financing Plan													
Prior City Funding	150,000	*150,000*	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	2,150,000	*0*	0	2,150,000	0	0	0	0	0	0	0	0	2,150,000
Total Financing Plan	2,300,000	*150,000*	0	2,150,000	0	0	0	0	0	0	0	0	2,150,000
Additional Operating Impact													
Annual Impact			0	40,000	94,760	97,603	100,531	103,547	106,653	109,853	113,148	116,543	882,638
Cumulative Impact			0	40,000	134,760	232,363	332,894	436,440	543,094	652,947	766,095	882,638	882,638

Changes from Prior Year CIP: The addition of renovations to Warwick Pool represent a new project in the FY 2016 CIP. Project funding was re-allocated from Aquatics TBD funding previously planned in FY 2018. Prior year funding in the amount of $150,000 used for the on-going capital facilities maintenance of the pool will be utilized to support this project.

Project Description & Justification

This project will provide funding to design and construct a renovated facility at the Warwick Pool site. Warwick Pool, located adjacent to Landover Playground at 3301 Landover Street, is on property leased to the City by the Virginia Theological Seminary. The pool lease was transferred to the City by the Warwick Investors in 1978. Site features include a 25-yard pool with a diving well, a separate wading pool, and a bathhouse and community room. Original construction of the pool is thought to be 1958. Significant capital investments have been required over the past 35 years. In 2002, an engineering analysis of the pool was completed, finding structural issues related to the pool's construction and other site conditions.

In May 2014, an additional facilities assessment study was undertaken with a scope of work limited to the building, pool shell, pool deck, access and immediate site. The adjacent Landover Park area and playground were not included.

The condition of the pool has deteriorated to a state that will not allow for opening for the summer of 2015. In October 2014 City Council requested that staff include for consideration renovations/replacement of the facility in the FY 2016 -2025 CIP. Given that the Chinquapin pool 50 meter x 25 yard cost estimate has risen $10.5 million since last year, there will need to be a decision on overall pool funding amounts and priorities made as part of this year's CIP budget process. As a result of this, the Approved CIP shifted funding in FY 2016 to FY 2017 for renovations.

The estimated cost for replacing the existing aquatics features in-kind (one recreation pool and one wading pool) along with minimal renovation to the bathhouse is $2.3 million, with the City funding 100% of the costs. Funding that was originally included in last year's approved CIP for "Aquatics Facilities TBD" will be partially allocated to support the renovation of Warwick Pool.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time
- Improve resident's overall health
- Ensure all children and youth thrive and succeed

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich

Focus Area: Accountable, Effective, & Well-Managed Government
- Achieves results the community values

External or Internal Adopted Plan or Recommendation

- FY 2016 Budget Memo #7 – "Response to Council Questions" – *Warwick Pool*
- Aquatics Facility Study, completed May 2012
- 2011 Parks and Recreation Needs Assessment, completed July 2011

Additional Operating Budget Impact

Operating budget estimates (including staffing and utilities) are roughly based on FY 2015 operating budget costs. Final design of the improvements will inform a more precise operating budget impact. FY 2017 represents operating costs from pool opening to the end of the fiscal year.

Braddock Area Plan Park

Document Subsection: Renovated or New Recreation Facilities
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): Planning & Zoning
ORG: 44802154

Project Location: 600 N. Henry St.
Reporting Area: Braddock Rd. Metro Area
Project Category: 3 – New Facilities
Estimated Useful Life: TBD

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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,528,599	*1,824,994*	0	0	0	0	703,605	0	0	0	0	0	703,605
Financing Plan													
Prior City Funding	100,000	*100,000*	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	2,123,599	*1,419,994*	0	0	0	0	703,605	0	0	0	0	0	703,605
Lease Proceeds	305,000	*305,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	2,528,599	*1,824,994*	0	0	0	0	703,605	0	0	0	0	0	703,605
Additional Operating Impact													
Annual Impact			15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448	19,002	19,572	171,958
Cumulative Impact			15,000	30,450	46,364	62,754	79,637	97,026	114,937	133,385	152,387	171,958	171,958

Changes from Prior Year CIP: Anticipated developer contributions budgeted in FY 2020. No other changes from prior year 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. The Departments of Recreation, Parks, and Cultural Activities (RPCA) and Planning and Zoning (P&Z) are commencing planning efforts for the Braddock Plan open space/park, including the city-owned 600 N. Henry Street property. The City is actively engaged in a park planning process with the Braddock Implementation Advisory Group, Parks and Recreation Commission and the community.

Additional funding beyond FY 2016 is from anticipated development contributions only. A request for $10.0 million in additional City funding was not included as part of the Capital Improvement Program. The additional $10.0 million would be required to complete a new one-acre park, including the cost of additional property acquisition. Without additional funding, the project will not be able to be fully implemented. Construction of the interim open space improvements allow for public use of a ½ acre neighborhood open space beginning in the spring of 2015 and demonstrate the City's continued investment in the Braddock Neighborhood Park

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, and families to interact and engage in a safe "third place" - a place outside of work or home.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve resident's overall health
- Improve the quality of residents' leisure time

Focus Area: Livable, Green, & Prospering City
- Sustain the natural quality of land within the City
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Increase the value of the real estate tax base

Focus Area: Accountable, Effective, & Well-Managed Government
- Achieve the results the community values

External or Internal Adopted Plan or Recommendation

- Braddock East Master Plan adopted by City Council, October 2008
- Strategic Master Plan for Open Space, Parks & Recreation approved by City Council, May 2003
- Recommended by the Braddock Implementation Advisory Group as a Priority, 2013

Additional Operating Budget Impact

Additional operating impacts for mowing, litter pick-up, weed abatement, and edging as well as maintaining pathways, furniture, and tree has been included in the RPCA budget for FY2016 at an estimated cost of $15,000.

Patrick Henry Recreation Center

Document Subsection: Renovated or New Recreation Facilities
Managing Department: General Services
Supporting Department(s): Recreation, Parks & Cultural Activities
ORG: 44342214

Project Location: 4643 Taney Ave.
Reporting Area: Alexandria West
Project Category 3 – New Facilities
Estimated Useful Life: 40 years

Patrick Henry Recreation Center													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	6,778,000	*835,000*	5,943,000	0	0	0	0	0	0	0	0	0	5,943,000
Financing Plan													
Cash Capital	1,078,000	*835,000*	243,000	0	0	0	0	0	0	0	0	0	243,000
GO Bonds	5,700,000	*0*	5,700,000	0	0	0	0	0	0	0	0	0	5,700,000
Total Financing Plan	6,778,000	*835,000*	5,943,000	0	0	0	0	0	0	0	0	0	5,943,000
Additional Operating Impact													
Annual Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: Construction costs increase slightly to account for project management costs.

Project Description & Justification

This project provides funding for the renovation of the Patrick Henry Recreation Center. The program development process for the Patrick Henry project was completed in 2008. Based on findings provided in the 2008 development process, the building's support systems are either at the end of their useful life or not compliant with current codes and require replacement. These include aged electrical and mechanical systems, electrical systems, fire protection systems and architectural and site improvements required for ADA compliance.

The project timeline coincides with the Alexandria City Public Schools' (ACPS) planning and design process for the Patrick Henry School capacity project. This project is currently in the concept design stage, with design anticipated to be complete in spring 2015.

This project helps maintain the value of the City's physical assets. Recreation Centers support a meaningful quality of life for City residents, and provide an environment that can reduce the number of youth engaging in risky behavior. Major renovations also help maintain the value of the City's capital infrastructure.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 4 – Children, Youth & Families

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government
- Achieve results the community values

Focus Area: Healthy & Thriving Residents

- Improve the quality of residents' leisure time
- Improve resident's overall health
- Ensure all children and youth thrive and succeed

Focus Area: Livable, Green, & Prospering City

- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- 2011 & 2013 Parks and Recreation Needs Assessment

Additional Operating Budget Impact

Unknown at this time. Additional operating budget impacts will be determined once the scope of work has been finalized.

City Marina Utility Upgrades

Document Subsection: Renovated or New Recreation Facilities
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): General Services
ORG: TBD

Project Location: 107 N. Union St.
Reporting Area: Waterfront
Project Category/Priority: 2 – Renovations/Existing Assets
Estimated Useful Life: 15 years

City Marina Utility Upgrades													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,250,000	*0*	*187,000*	*1,063,000*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	1,250,000
Financing Plan													
Cash Capital	187,000	*0*	187,000	0	0	0	0	0	0	0	0	0	187,000
GO Bonds	1,063,000	*0*	0	1,063,000	0	0	0	0	0	0	0	0	1,063,000
Total Financing Plan	1,250,000	*0*	187,000	1,063,000	0	0	0	0	0	0	0	0	1,250,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			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 existing Marina electrical service is not consistent with the service needs of contemporary vessels that use the marina today. Upgrades would meet modern usage standards of larger boats. The existing Marina electrical service was designed based on loads and capacity associated with vessels constructed during the late 1980's. This is not consistent with the service needs of contemporary vessels that use the Marina today. At present, the underperforming system exhibits ground fault electrical breakers being thrown due to service / supply / need differences in power and amperage and visitor boats incurring damage to their electrical systems due to insufficient or fluctuating current.

The current plan proposes funding for engineering of this project in FY 2016 with subsequent construction in FY 2017. Funding for this project includes evaluation of the existing system, design and upgrade to the full facility; pier/dockside electrical service; and replacement of pier utility pedestals consistent with current use and locations.

Additional funds may be necessary if the marina is expanded or modified. Additional funds may be necessary for implementation should the current configuration be modified as a part of the Waterfront Small Area planning process.

This project will improve the level of service and increase the extent of benefit to residents and visitors at the City's Marina.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 1 – Economic Development

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Increase the economic benefits of tourism to the City
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy

Focus Area: Healthy & Thriving Residents

- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- Waterfront Small Area Plan adopted by City Council, February 2012
- 2013 City Marina Facility Condition Assessment

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Citywide Parks Improvement Plan

Document Subsection: Renovated or New Recreation Facilities
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
ORG: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 2 – Renovations/Existing Assets
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	818,000	*0*	0	350,000	468,000	0	0	0	0	0	0	0	818,000
Financing Plan													
Cash Capital	818,000	*0*	0	350,000	468,000	0	0	0	0	0	0	0	818,000
Total Financing Plan	818,000	*0*	0	350,000	468,000	0	0	0	0	0	0	0	818,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: This is a new project added for FY 2017 - 2018.

Project Description & Justification

The City's six citywide (over 10 acres), 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.

Funding in FY 2017 and FY 2018 will renovate the restrooms and upgrade the park entrance and circulation at Joseph Hensley Park. The project will coincide with other planned improvements at Joseph Hensley Park to minimize the disruption of services.

Future improvements, currently unfunded but identified as priorities in the plan, include:

- Holmes Run Park: Redesign the All Veterans section of the Park, improve Beatley Bridge, and install a pervious trail along the south side of Holmes Run Park
- Simpson Park: Repurpose the north triangle as usable space and improve Park circulation
- Brenman/Boothe Park: Renovate the passive lawn in the northwest corner of the Park and install more efficient utilities that can support events
- Four Mile Run: Improve Park circulation (particularly from Cora Kelly to the Park and from Mount Vernon Ave.) and install a community garden and outdoor fitness area behind Cora Kelly
- Chinquapin: Renovate activity area; re-grade the field, improve park circulation for pedestrians and vehicles.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Increase the economic benefits of tourism to the City
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy

Focus Area: Healthy & Thriving Residents

- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- 2003 Strategic Master Plan for Open Space, Parks and Recreation
- 2006 Four Mile Run Restoration Master Plan
- 2008 Athletic Field Study
- 2009 Four Mile Run Design Guidelines
- 2014 Citywide Parks Improvement Plan

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Fort Ward Management Plan Implementation

Document Subsection: Renovated or New Recreation Facilities
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
ORG: TBD

Project Location: 4301 West Braddock Road
Reporting Area: Seminary Hill/Strawberry Hill
Project Category/Priority: 3 – New Facilities
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,395,000	*0*	200,000	275,000	0	400,000	0	170,000	0	150,000	0	200,000	1,395,000
Financing Plan													
Cash Capital	1,395,000	*0*	200,000	275,000	0	400,000	0	170,000	0	150,000	0	200,000	1,395,000
Total Financing Plan	1,395,000	*0*	200,000	275,000	0	400,000	0	170,000	0	150,000	0	200,000	1,395,000
Additional Operating Impact													
Annual Impact			0	2,500	2,575	2,652	9,152	9,427	9,710	10,001	10,301	10,610	66,928
Cumulative Impact			0	2,500	5,075	7,727	16,880	26,306	36,016	46,017	56,318	66,928	66,928

Changes from Prior Year CIP: This is a new project added for FY 2016 - 2025.

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 requested reflects those priorities.

FY 2016 Funding

- Development and early implementation of Interpretive Plan ($150,000)
- Additional ADA compliant park furniture ($8,500)
- Accessible (ADA) parking and pathways for all park features ($28,000)
- Plant 24 new trees with 2 year establishment guarantee ($13,500)

FY 2017 Funding –

- Restore former maintenance yard including required archaeology ($186,000)
- Improve loop road for ADA compliant pedestrian use ($7,000)
- Develop ADA compliant access paths between parking and picnic shelter with pervious material ($82,000)

FY2019 Funding –

- Phase I soft interpretive trail installation ($150,000)
- Remove off-leash dog exercise area ($4,000)
- Mark and develop eastern park entrance from North Van Dorn ($50,000)
- Additional cost (beyond playground account) for relocation of the playground to ADA compliant location ($196,000)

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Increase the economic benefits of tourism to the City
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy

Focus Area: Healthy & Thriving Residents

- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- 2003 Strategic Master Plan for Open Space, Parks and Recreation
- Recommendation of the Ad Hoc Fort Ward Park and Museum Area Stakeholder Advisory Group (2011-2014)
- 2015 Fort Ward Park and Museum Area Management Plan

Additional Operating Budget Impact

Many of the items will not require additional operating funds. Aeration and seeding of the park to improve drainage and soil conditions, along with additional tree planting are beyond current operational capacity and budget. Additional costs are estimated beginning in FY 2017.

Open Space Acquisition and Development

Document Subsection: Open Space Acquisition & Development
Managing Department: Recreation, Parks & Cultural Activities
Supporting Department(s): N/A
ORG: 44801687

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: Varies

Open Space Acquisition and Development													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	39,884,551	*18,884,551*	0	1,500,000	2,000,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	21,000,000
Financing Plan													
Prior City/Open Space Funding	18,884,551	*18,884,551*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	2,250,000	*0*	0	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,250,000
GO Bonds	12,000,000	*0*	0	0	250,000	1,250,000	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	12,000,000
Prior Year/Close-Out - City	6,750,000	*0*	0	1,250,000	1,500,000	1,000,000	500,000	500,000	500,000	500,000	500,000	500,000	6,750,000
Total Financing Plan	39,884,551	*18,884,551*	0	1,500,000	2,000,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	21,000,000
Additional Operating Impact													
Annual Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: Planned funding was from $26.3 million in last year's plan through FY 2024 to $18.5 million in this year's plan. The reduction was to offset other priority capital investments Citywide while still leaving a substantial amount of funding programmed for open space acquisition in the future. Funding in the amount of $2.5 million is added in FY 2025.

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 newly and soon to be approved small area plans throughout the City, including the City's Waterfront Master Plan.

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. To date, the City has purchased11.5 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.

To fund land acquisition, City Council in FY 2004 approved one percent of total annual revenue generated from real property taxes generated in the City. To leverage the annual revenues, the City issued $10.0 million in General Obligation Bonds in FY 2005. In FY 2007, City Council changed the funding structure to a dedicated one cent per $100 on assessed property value. In FY 2010, the City reduced the dedicated real estate tax rate of one cent per $100 to fund only debt service payments for past open space borrowing due to economy/tax base driven funding limitations. All planned funding is now part of unrestricted cash capital and planned General Obligation Bond borrowing. Due to funding constraints, no Open Space funding is proposed for FY 2016. This is $0.8 million less than planned for FY 2016 in last year's CIP.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents
- Improve resident's overall health
- Improve the quality of residents' leisure time

Focus Area: Livable, Green, & Prospering City
- Sustain the natural quality of land within the City
- Improve the City's air quality
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government
- Achieve the results the community values
- Ensure the government is accountable to the community

External or Internal Adopted Plan or Recommendation

- Strategic Master Plan for Open Space, Parks & Recreation approved by City Council, May 2003
- Eco-City Alexandria Environmental Action Plan, adopted by City Council, June 2009
- Urban Forestry Master Plan, 2009
- Beauregard Small Area Plan, adopted June 2012
- 2011 & 2013 Parks and Recreation Needs Assessment

Additional Operating Budget Impact

Operating impacts are unknown until specific parcels of land are acquired and the scope of improvements is defined.

PUBLIC BUILDINGS

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Public Buildings
Approved FY 2016 - 2025 Capital Improvement Program
Summary of Projects

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Public Buildings											
General Government Facilities											
General Services CFMP	1,100,000	1,300,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	14,400,000
Energy Management Program	0	650,000	455,000	495,000	550,000	550,000	650,000	750,000	850,000	635,000	5,585,000
Emergency Generators	0	512,000	740,000	500,000	25,000	25,000	207,000	450,000	25,000	108,000	2,592,000
Building Physical Conditions Assessment	108,000	200,000	95,000	0	0	0	100,000	100,000	100,000	0	703,000
City Wide Storage Capacity Assessment	65,000	0	0	0	0	0	0	0	0	0	65,000
Old Town Parking Garage Ticketing Modernization	250,000	0	0	0	0	0	0	0	0	0	250,000
Market Square Plaza and Garage Structural Repairs	950,000	550,000	0	0	0	0	0	0	0	0	1,500,000
City Hall HVAC & Infrastructure Replacement	0	750,000	500,000	500,000	4,425,000	11,140,000	33,350,000	2,640,000	0	0	53,305,000
City Hall Security Enhancements	0	0	0	0	0	0	0	0	0	0	0
Roof Replacement Program	965,000	700,000	1,227,000	500,000	130,000	50,000	50,000	160,000	50,000	50,000	3,882,000
Elevator Replacement/Refurbishment	1,040,000	210,000	545,000	600,000	230,000	1,000,000	1,200,000	600,000	600,000	600,000	6,625,000
Fleet Facility - AHU Replacement	0	0	0	0	0	0	0	0	0	0	0
Library Facilities											
Library CFMP	175,000	285,000	100,000	100,000	150,000	150,000	150,000	150,000	150,000	150,000	1,560,000
Beatley Building Envelope Restoration	0	150,000	1,020,000	0	0	0	0	0	0	0	1,170,000
Ellen Coolidge Burke Facility Space Planning	50,000	0	0	0	0	0	0	0	0	0	50,000
Preservation of Historic Facilities											
City Historic Facilities CFMP	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	3,450,000
Archives Public Records and Archaeology Storage Expansion	150,000	0	0	0	0	0	0	0	0	0	150,000
Gadsby's Tavern Restaurant Kitchen Equipment	0	245,000	0	0	0	0	0	0	0	0	245,000
Gadsy's Tavern Elevator Design and Construction	0	0	0	0	0	0	0	250,000	1,200,000	0	1,450,000
Torpedo Factory Repairs	0	0	0	0	0	0	0	0	0	0	0
Torpedo Factory Space Programming Study	0	0	250,000	0	0	0	0	0	0	0	250,000
Public Health & Welfare Facilities											
Mental Health Residential Facilities CFMP	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Health Dept Garage Concrete Deck & Parking Restoration	0	0	0	0	0	0	0	0	0	0	0

Public Buildings
Approved FY 2016 - 2025 Capital Improvement Program
Summary of Projects (continued)

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Public Safety Facilities											
Fire Department CFMP	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	4,000,000
Fire Station 203 (Cameron Mills)	1,000,000	6,305,000	0	0	0	0	0	0	0	0	7,305,000
Fire Station 207 (Duke Street)	0	0	3,500,000	0	14,700,000	0	0	0	0	0	18,200,000
Fire Station 211 (Beauregard)	0	0	0	1,100,000	5,000,000	7,100,000	0	0	0	0	13,200,000
Fire Station 206 (Seminary Rd)	0	0	0	0	0	720,000	0	10,808,000	0	0	11,528,000
Fire Station 205 (Cameron Street)	0	0	0	0	0	0	3,400,000	0	7,873,000	0	11,273,000
Office of the Sheriff CFMP	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	4,600,000
Courthouse Renovations - HVAC and CFMP	250,000	250,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,700,000
Courthouse-General District Court Clerk's Office Payment Center	160,000	0	0	0	0	0	0	0	0	0	160,000
Adult Detention Center HVAC Replacement	295,000	0	0	0	0	0	0	0	0	0	295,000
EOC/Public Safety Center Reuse	0	0	0	0	0	0	0	0	0	0	0
Police K-9 Facility Renovation	0	0	0	0	0	0	0	0	0	0	0
Pistol Range	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
Vola Lawson Animal Shelter	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	300,000
Animal Shelter Exterior Dog Kennels	0	258,000	0	0	0	0	0	0	0	0	258,000
FY 2016 - 2025 Public Buildings Total	9,443,000	13,750,000	11,467,000	6,830,000	28,245,000	23,770,000	42,142,000	18,943,000	13,883,000	4,578,000	173,051,000

General Services Capital Facilities Maintenance Program (CFMP)

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: 45341727

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2027
Expenditure Budget	26,804,737	*12,404,737*	1,100,000	1,300,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	14,400,000
Financing Plan													
Prior City Funding	12,404,737	*12,404,737*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	3,000,000	*0*	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
GO Bonds	11,400,000	*0*	800,000	1,000,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	11,400,000
Total Financing Plan	26,804,737	*12,404,737*	1,100,000	1,300,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	14,400,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

The General Services Capital Facilities Maintenance Program (CFMP) project provides a work plan that projects the anticipated timetable and estimated costs of infrastructure and equipment repairs and/or replacements, based on industry standards for life expectancies of equipment and materials necessary to adequately maintain the City's physical plant. In some cases, the City's equipment may be retained beyond the standard life expectancy if it is in good operating condition and it is cost-effective to do so.

The CFMP also provides for the scheduled capital maintenance needs of City facilities, including painting and floor covering (carpet and tile) replacement; mechanical, electrical and plumbing systems; and window and roof replacements. Funds are also budgeted for the three City commercial parking garages. A prioritized list of projects planned for FY 2016 - 2018 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. Maintenance keeps the building functioning properly, decreases costly repairs, and promotes a healthy environment.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time
- Improve resident's overall health
- Ensure all children and youth thrive and succeed

Focus Area: Livable, Green, & Prospering City
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

General Services CFMP (Continued)

General Services CFMP Category 1 Project List

Fiscal Year 2016		
Description		Amount
Miscellaneous Building Repairs/Replacement	$	150,000
Health Dept- Replace Parking Garage Doors	$	100,000
Lee Center/Nannie Lee Window Replacement Project (Phase 2 of 2)	$	320,000
Fleet Services - Overhead Door Replacement	$	250,000
Casey Clinic - Basement HVAC Improvements	$	60,000
Miscellaneous Building Repairs/Replacement	$	220,000
Total Fiscal Year 2016	$	1,100,000
Fiscal Year 2017		
Description		Amount
Miscellaneous Building Repairs/Replacement	$	410,000
Lee Center - Replace air handler unit in Fire Training and Adult Day Care	$	150,000
Lee Center - Fire Kitchen Renovation and Floor Replacement	$	170,000
Lee Center - Fire Bathroom Renovations	$	125,000
Lee Center - Adult Day Care Bathroom Renovations	$	85,000
Health Dept - Building Exterior Sealing	$	70,000
Casey Clinic - Bathroom Renovations in Main Lobby	$	60,000
Casey Clinic - Hot Water Heater Replacement	$	10,000
Casey Clinic - Replace air handler unit and Install Controls	$	220,000
Total Fiscal Year 2017	$	1,300,000
Fiscal Year 2018		
Description		Amount
Miscellaneous Building Repairs/Replacement	$	750,000
Lee Center - Electric Panel Upgrade	$	100,000
Lee Center - Interior Door Replacement	$	150,000
Dash Garage Top Deck Waterproofing and Concrete Repair	$	300,000
Union Station parking Improvements	$	200,000
Total Fiscal Year 2018	$	1,500,000

Energy Management Program

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): Multiple Departments
ORG: 45341736

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 1 – Asset Maintenance
Estimated Useful Life: 5-15 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2028
Expenditure Budget	8,352,901	*2,767,901*	0	650,000	455,000	495,000	550,000	550,000	650,000	750,000	850,000	635,000	5,585,000
Financing Plan													
Prior City Funding	2,767,901	*2,767,901*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	1,120,000	*0*	0	130,000	90,000	100,000	110,000	110,000	130,000	150,000	170,000	130,000	1,120,000
GO Bonds	4,465,000	*0*	0	520,000	365,000	395,000	440,000	440,000	520,000	600,000	680,000	505,000	4,465,000
Total Financing Plan	8,352,901	*2,767,901*	0	650,000	455,000	495,000	550,000	550,000	650,000	750,000	850,000	635,000	5,585,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding in FY 2016 - 2024 in last year's CIP shifted back one year to FY 2017 - 2025. Prior year balances will be sufficient to complete projects in FY 2016.

Project Description & Justification

This project provides energy conservation, energy efficiency, and City-wide energy management solutions to reduce facility and operational energy use and costs. Consistent with the Alexandria City Council Strategic Plan Goals two and five; the City's Eco-City Charter, Environmental Action Plan, and Energy and Climate Action Plan goals; and the City's Energy Management program goals, this project provides facility and employee energy conservation improvements and the use of energy-efficient technology in new and existing buildings and operations to achieve greater efficiency.

Continued emphasis will be placed on energy consumption analysis; the development of strategies to address the largest and most inefficient consumers of energy; 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.

Those projects consisting of integration with existing systems will require engineering planning and design so as to maximize outcomes of energy conservation, energy efficiency, and to meet City Council strategic goals. A prioritized list of projects planned for FY 2016 - 2018 is included on the next page. No new funding is budgeted for FY2016. 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 of this new capital infrastructure support the objectives to maintain and improve the quality and sustainability of Alexandria's environment by reducing energy use, greenhouse gas emissions, and expanding the City's Green Building Program. 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, and water resources.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, & Prospering City

- Improve the City's air quality
- Sustain the natural quality of land within the City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

External or Internal Adopted Plan or Recommendation

- Eco-City Charter adopted by City Council, June 2008
- Eco-City Alexandria Environmental Action Plan, adopted by City Council, June 2009
- Energy and Climate Change Action Plan approved by City Council, May 2011

Additional Operating Budget Impact

The implementation of the Energy Management CIP would have a positive impact to the annual Operating Budget. Energy conservation, energy efficiency, and energy management project implementation reduces the amount of energy resources the City consumes and the corresponding costs.

Energy Management Program (Continued)

Energy Management Program Category 1 Project List

Fiscal Year 2016	
Description	Amount
Prior year balances will be utilized to complete projections in FY 2016.	N/A
Total Fiscal Year 2016	N/A

Fiscal Year 2017	
Description	Amount
Fire Station Lighting Retrofits	$ 45,000
Casey Clinic Lighting Retrofits	$ 55,000
HVAC Control System Upgrades and Master Control System Itegration	$ 350,000
Recreation Center Lighting Retrofits	$ 200,000
Total Fiscal Year 2017	$ 650,000

Fiscal Year 2018	
Description	Amount
Facility Lighting Retrofits (various facilities: rec centers, fire stations, OHA)	$ 70,000
Re-/Retro-Commissioning (Courthouse, Charles Barrett, Durant, OHA)	$ 205,000
Lee Center Lighting Retrofits	$ 80,000
Facility Advanced Metering Infrastructure	$ 50,000
HVAC Upgrades and Master Control System Integration	$ 50,000
Total Fiscal Year 2018	$ 455,000

Emergency Generators

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): Multiple Departments
ORG: 45341709

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 1 – Asset Maintenance
Estimated Useful Life: 10-15 years

Emergency Generators													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2027
Expenditure Budget	5,880,000	*3,288,000*	0	512,000	740,000	500,000	25,000	25,000	207,000	450,000	25,000	108,000	2,592,000
Financing Plan													
Prior City Funding	3,288,000	*3,288,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	733,000	*0*	0	125,000	125,000	125,000	25,000	25,000	50,000	125,000	25,000	108,000	733,000
GO Bonds	1,859,000	*0*	0	387,000	615,000	375,000	0	0	157,000	325,000	0	0	1,859,000
Total Financing Plan	5,880,000	*3,288,000*	0	512,000	740,000	500,000	25,000	25,000	207,000	450,000	25,000	108,000	2,592,000
Additional Operating Impact													
Annual Impact			0	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	30,477
Cumulative Impact			0	3,000	6,090	9,273	12,551	15,927	19,405	22,987	26,677	30,477	30,477

Changes from Prior Year CIP: Planned funding in FY 2016 - 2024 in last year's CIP shifted back one year to FY 2017 - 2025. Prior year balances will be sufficient to complete projects in FY 2016.

Project Description & Justification

This project provides for the systematic replacement, placement, and capital maintenance of emergency generators and emergency generator infrastructure at City facilities.

Design and engineering phases will include analysis of current emergency generators and emergency generator infrastructure, current and future facility use, and coordination with emergency response planning. A prioritized list of projects planned for FY 2016 - 2018 is included on the next page. No new funding is budgeted for FY2016. 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.

Alternatives evaluated for this project included the replacement of emergency generators and emergency generator infrastructure with mobile emergency generator interconnections. Where applicable, these alternatives have been approved in this project.

This project supports public safety services by providing reliable electricity to facilities, equipment, and technologies to meet contemporary standards for constant service delivery.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure, & Just Community

- Reduce harm to people or property from building failures
- Reduce harm to people or property from disasters
- Increase survivability from medical emergencies and traumatic injuries.

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community

External or Internal Adopted Plan or Recommendation

- Departmental Continuity of Operations Plans (COOPs)

Additional Operating Budget Impact

The annual operating impacts begin in FY2017 due to the addition of a permanent generator installation at the Fuel Island. This permanent generator installation will require annual preventative maintenance which is estimated at about $3,000 per year; increasing at an annual rate of inflation.

Building Physical Conditions Assessment

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): Multiple Departments
ORG: 45342346

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 1 – Asset Maintenance
Estimated Useful Life: N/A

Building Physical Conditions Assessment													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2028
Expenditure Budget	936,000	*233,000*	108,000	200,000	95,000	0	0	0	100,000	100,000	100,000	0	703,000
Financing Plan													
Cash Capital	936,000	*233,000*	108,000	200,000	95,000	0	0	0	100,000	100,000	100,000	0	703,000
Total Financing Plan	936,000	*233,000*	108,000	200,000	95,000	0	0	0	100,000	100,000	100,000	0	703,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding of $173,000 in FY 2016 in last year's CIP reduced by $65,000 and moved to the Citywide Storage Capacity Assessment project. No other changes from prior year CIP.

Project Description & Justification

The Building Physical Conditions Assessment project is an undertaking to document and evaluate the physical condition of various City properties 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, life safety and ADA compliance.

The assessments will include, among other information, deficiencies, inadequacies, life cycle analysis, and will provide recommendations for improvement, repairs or replacement. The assessments will 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 Programs.

Thirty percent of the City's building inventory was assessed in FY 2015, such as the Courthouse, the Public Safety Center, the Health Department and all libraries.

This project will be used to inform future CIP/CFMP project and will be used to prioritize building capital asset improvements. Maintenance keeps buildings functioning properly, decreases costly repairs, and promotes a healthy environment.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Building Physical Conditions Assessment (Continued)

Building Physical Condition Project List

Fiscal Year 2016	
Description	Amount
All Fire stations	$ 80,000
Group homes	$ 28,000
Total Fiscal Year 2016	$ 108,000

Fiscal Year 2017	
Description	Amount
Group homes	$ 37,000
All recreation centers	$ 163,000
Total Fiscal Year 2017	$ 200,000

Fiscal Year 2018	
Description	Amount
DASH and APD	$ 95,000
Total Fiscal Year 2018	$ 95,000

Citywide Storage Capacity Assessment

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): Multiple Departments
ORG: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: N/A

Citywide Storage Capacity Assessment													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	65,000	*0*	65,000	0	0	0	0	0	0	0	0	0	65,000
Financing Plan													
Cash Capital	65,000	*0*	65,000	0	0	0	0	0	0	0	0	0	65,000
Total Financing Plan	65,000	*0*	65,000	0	0	0	0	0	0	0	0	0	65,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: This is a new project added for FY 2016.

Project Description & Justification

This project will address the existing storage capacity for major City departments and whether storage available meets departments' storage needs, in order to determine if storage expansion is required and what are the options available. With various departments suffering from the lack of storage space necessary to safely store valuable department documents and equipment, this assessment will help better assess, analyze, and economically justify the most appropriate storage space to meet City departments' storage and organization requirements. Storage space is an integral part of the daily operation of City departments and ensures safe and secure placement of documents and equipment not currently in-use, contributing to de-cluttered, well-organized spaces and efficient working environments.

A consultant will be contracted to perform this task, and will interview the following departments for current storage space and needs: DGS, ACPS, TES, RCPA, DCHS, APD and AFD. The tasks of the consultant will include data collection, programming, producing the Square Footage Need Assessment document that includes the budget estimate for design and construction, and the evaluation of potential storage spaces for lease.

This study will assess the current space storage capacity for the departments involved and may show a need to establish a new facility or lease of a facility for storage. Hence, there might be an impact on the Work Plan and the operating budget of the Department of General Services and the other departments involved.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community

Focus Area: Safe, Secure, & Just Community

- Reduce harm to people or property from building failures

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Old Town Parking Garage Ticket Modernization

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): Multiple Departments
ORG: TBD

Project Location: Various Garages in Old Town
Reporting Area: Old Town
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: N/A

Old Town Parking Garage Ticketing Modernization													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2029
Expenditure Budget	250,000	*0*	250,000	0	0	0	0	0	0	0	0	0	250,000
Financing Plan													
Cash Capital	250,000	*0*	250,000	0	0	0	0	0	0	0	0	0	250,000
Total Financing Plan	250,000	*0*	250,000	0	0	0	0	0	0	0	0	0	250,000
Additional Operating Impact													
Annual Impact			(113,000)	(116,390)	(119,882)	(123,478)	(127,182)	(130,998)	(134,928)	(138,976)	(143,145)	(147,439)	(1,295,418)
Cumulative Impact			(113,000)	(229,390)	(349,272)	(472,750)	(599,932)	(730,930)	(865,858)	(1,004,834)	(1,147,979)	(1,295,418)	(1,295,418)

Changes from Prior Year CIP: This is a new project added for FY 2016.

Project Description & Justification

This project will provide for the replacement of parking equipment and for needed technology upgrades at three of the four City-owned parking garages, including Market Square, Union Street and the Courthouse Garages. New equipment and technology upgrades will provide for centralized parking management. New servers will be installed at the central parking office located at Market Square Garage. Upgrade of the existing fee computers will allow the acceptance of credit cards, the future use of the City's PayGo mobile parking payment system, and will allow for the automation of the Market Square and Courthouse Garages with the purchase of pay-on-foot payment stations in the future. This project does provide for the full automation of the Union Street Parking Garage which includes the purchase of a pay-on-foot payment station for this location.

The Market Square, Courthouse and Union Street Garages are the most heavily utilized City-owned parking facilities. The parking equipment in Market Square and Union Street Garages was replaced over 10 years ago and the parking equipment in the Courthouse Garage is over 34 years old. Due to the age and condition of the existing equipment there have been equipment failures, lack of available parts, and delays in entering and exiting the parking facilities.

The replacement of the old parking equipment and the centralization of the parking operations will result in greater efficiencies including faster entry and exit; faster and more secure credit card transactions upon exiting the facilities; and the automation of the Union Street Garage, which will result in savings of approximately $113,000 per year for the City.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Ensure Alexandria supports, retains, and attracts businesses

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

A savings of $113,000 annually is included as part of the FY 2016 operating budget due to the automation of the Union Street Garage.

Market Square Plaza and Garage Structural Repairs

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: TBD

Project Location: 301 King Street
Reporting Area: Old Town
Project Category/Priority: 2 – Renovations/Existing Facilities
Estimated Useful Life: 30 Years

Market Squae 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2028
Expenditure Budget	1,500,000	*0*	950,000	550,000	0	0	0	0	0	0	0	0	1,500,000
Financing Plan													
Cash Capital	280,000	*0*	90,000	190,000	0	0	0	0	0	0	0	0	280,000
GO Bonds	1,220,000	*0*	860,000	360,000	0	0	0	0	0	0	0	0	1,220,000
Total Financing Plan	1,500,000	*0*	950,000	550,000	0	0	0	0	0	0	0	0	1,500,000
Additonal Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: This is a new project added for FY 2016 and FY 2017.

Project Description & Justification

The Market Square Plaza construction started 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 included the multi-story underground garage and the fountain.

This project proposes to resolve several conditions present at the Market Square Garage and Plaza, which if left unresolved will continue to deteriorate and become safety issues. The conditions identified are: 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 plaza stairs and pavers.

Approved funding in FY 2016 will be utilized to proceed with the design and repairs identified in the 2014 structural report. These repairs are necessary to preserve the structural integrity of the plaza.

The elimination of water penetrations to prevent further damage to the garage and plaza, electrical upgrades and repair to plaza stairs and pavers will also be done in FY 2016, as required to avoid multiple disruptions of the area. Remaining work associated with this project will be completed with funding in FY 2017.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Promote neighborhoods that are amenity-rich

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

City Hall HVAC and Infrastructure Replacement

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: 45342086

Project Location: 301 King Street
Reporting Area: Old Town
Project Category/Priority: 3 – Updated Facilities
Estimated Useful Life: 30 Years

City Hall HVAC & Infrastructure Replacement													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2026
Expenditure Budget	56,505,000	*3,200,000*	0	750,000	500,000	500,000	4,425,000	11,140,000	33,350,000	2,640,000	0	0	53,305,000
Financing Plan													
Prior City Funding	3,200,000	*3,200,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	2,800,000	*0*	0	250,000	100,000	100,000	500,000	500,000	950,000	400,000	0	0	2,800,000
Prior Year/Close-Out - City	100,000	*0*	0	100,000	0	0	0	0	0	0	0	0	100,000
GO Bonds	50,405,000	*0*	0	400,000	400,000	400,000	3,925,000	10,640,000	32,400,000	2,240,000	0	0	50,405,000
Total Financing Plan	56,505,000	*3,200,000*	0	750,000	500,000	500,000	4,425,000	11,140,000	33,350,000	2,640,000	0	0	53,305,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	TBD	TBD	TBD
Cumulative Impact			0	0	0	0	0	0	0	0	TBD	TBD	TBD

Changes from Prior Year CIP: Funding in the amount of $1.75 million is added to the project in FY 2017 - 2019 for immediate and priority repairs to maintain operations in City Hall. Total costs of renovations from FY 2020 - 2023 increase by $4.0 million over last year's CIP to account for staff relocation and project management costs.

Project Description & Justification

This project will provide for the replacement of major heating, ventilation and air conditioning (HVAC) systems, as well as the distribution system through City Hall. Replacement of these systems will increase energy efficiency of the facility by centralizing mechanical systems that have been periodically added on as City operations have changed, and also replace forty-year old mechanical equipment.

In addition, this project will provide for a complete renovation of City Hall allowing for more efficient use of the space and the application of lower space per person standards. This project will be further analyzed to identify phasing and relocation plans to minimize the extent of disruption to City Hall operations.

A total of $53.3 million is budgeted for this project:

- Funding in the amount of $1.75 million in FY 2017 - 2019 is budgeted for immediate and priority repairs required to maintain current operations in City Hall.
- Funding in the amount of $51.6 million in FY2020 - 2023 is provided for design, swing space build out, move and lease costs, construction, as well as furniture, equipment, and other relocation costs.

Information developed in the City's Space Standards Guidelines will provide strategies for the efficient use of space within City buildings. These guidelines were developed with the help of City staff who collaborated in a Space Standards Focus Group and Steering Committee. These standards will inform the proposed layout for City Hall.

The project helps maintain the value of the City's physical assets, creates a more energy efficient operation in City Hall, and maximizes the use of space within City Hall for more efficient City service delivery.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Promote neighborhoods that are amenity-rich

External or Internal Adopted Plan or Recommendation

- 2014 Department of General Services City Space Standards Guidelines

Additional Operating Budget Impact

Additional operating impact is unknown at this time. The project scope will need to be defined for the additional operating impact can be quantified. It is anticipated that energy efficiencies will lead to future cost savings or cost avoidance based on current utility costs.

City Hall Security Enhancements

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: 45341738

Project Location: 301 King Street
Reporting Area: Old Town
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: 10 years

City Hall Security Enhancements													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	250,000	*250,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	250,000	*250,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	250,000	*250,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

In 2009, the City conducted a security assessment of City Hall and developed recommendations to improve the security on all five floors, the basement and the roof of the facility, as well as the Market Square Parking Garage and Plaza. This project addresses the most immediate needs of providing cameras and better control of the entrances to the facilities. The cost of implementing all recommendations was estimated at $1.2 million and will be considered as part of future Capital Improvement Programs.

This project funded the installation of additional security measures at City Hall in 2015, including a camera and electronic door access system at the Security Desk, as well as security access door panels within the stairwells that will allow for afterhours security for City Staff.

Completion of this project provides a safer facility for the public and City employees through active and passive security deterrents.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure, & Just Community

- Reduce crime
- Reduce harm to people or property from disasters

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community

External or Internal Adopted Plan or Recommendation

- City Hall Security assessment (2009)

Additional Operating Budget Impact

Operating impacts are unknown until specific security devices are installed.

Roof Replacement Program

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: 45341733

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2026
Expenditure Budget	6,431,800	*2,549,800*	965,000	700,000	1,227,000	500,000	130,000	50,000	50,000	160,000	50,000	50,000	3,882,000
Financing Plan													
Prior City Funding	2,549,800	*2,549,800*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	490,000	*0*	0	0	0	0	130,000	50,000	50,000	160,000	50,000	50,000	490,000
GO Bonds	3,392,000	*0*	965,000	700,000	1,227,000	500,000	0	0	0	0	0	0	3,392,000
Total Financing Plan	6,431,800	*2,549,800*	965,000	700,000	1,227,000	500,000	130,000	50,000	50,000	160,000	50,000	50,000	3,882,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding of $2.43 million in last year's CIP for FY 2016 - 2024 increased to $3.832 million in this year's CIP based on an updated assessment of roof replacement projects at City-owned facilities. Funding of $50,000 added for FY 2025.

Project Description & Justification

This program will provide for the inspection, design and replacement of aging roof systems within the City. Project funding will allow for an assessment of roof conditions Citywide to provide a more accurate replacement plan beyond FY 2018.

Planned roof replacements (with fiscal year of completion and estimated budget) include:

- FY 2016 – Old DASH Facility ($300,000)
- FY 2016 – Burke Branch Library ($200,000)
- FY 2016 – Four Mile Run Community Center ($80,000)
- FY 2016 – American Legion Facility ($175,000)
- FY 2016 – Animal Shelter ($210,000)
- FY 2017 – Charles Barrett Recreation Center ($200,000)
- FY 2017 – Gadsby's Tavern Roof ($225,000)
- FY 2017 – Union Station Roof ($275,000)
- FY 2018 – Ramsay Recreation Center ($250,000)
- FY 2018 – Torpedo Factory ($436,000)
- FY 2018 – Chinquapin Recreation Center ($366,000)
- FY 2018 – Cora Kelly EPDM Roof ($175,000)

Completion of this project helps maintain the value of the City's physical assets.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Safe, Secure, & Just Community

- Reduce harm to people or property from building failures

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Elevator Replacement/Refurbishment

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: 45341731

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 1 – Asset Maintenance
Estimated Useful Life: 20 years

Elevator Replacement/Refurbishment													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2027
Expenditure Budget	11,364,683	*4,739,683*	1,040,000	210,000	545,000	600,000	230,000	1,000,000	1,200,000	600,000	600,000	600,000	6,625,000
Financing Plan													
Prior City Funding	4,739,683	*4,739,683*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	653,000	*0*	100,000	20,000	50,000	60,000	23,000	100,000	120,000	60,000	60,000	60,000	653,000
GO Bonds	5,972,000	*0*	940,000	190,000	495,000	540,000	207,000	900,000	1,080,000	540,000	540,000	540,000	5,972,000
Total Financing Plan	11,364,683	*4,739,683*	1,040,000	210,000	545,000	600,000	230,000	1,000,000	1,200,000	600,000	600,000	600,000	6,625,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding of $2.16 million in last year's CIP for FY 2016 - 2024 increased to $5.625 million in this year's CIP based on an updated assessment of elevator replacement/refurbishment projects at City-owned facilities. Funding of $600,000 added for FY 2025.

Project Description & Justification

This project provides for the systematic replacement of elevators and/or their major operating components at identified City facilities. Although the City has a planned elevator maintenance program, wear and tear resulting from extensive use coupled with the general useful life of elevators necessitates the capital replacement or refurbishment of these elevators.

Planned elevator replacements (with fiscal year of completion and estimated budget) include:

- FY 2016 – Public Safety Center Elevator #3 & #4 Replacement $1,040,000)
- FY 2017 – Lee Center Elevator Design and 2355 Mill Road Elevator Design ($210,000)
- FY 2018 – 2355 Mill Road Elevator Replacement ($545,000)

This program provides a mechanism to proactively address identified elevator damages and provide a solution at a minimum cost to the City. The project helps maintain the value of the City's physical assets.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Safe, Secure, & Just Community

- Reduce harm to people or property from building failures

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Fleet Facility Air Handling Units (AHUs)

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: 45341731

Project Location: Citywide
Reporting Area: King St Metro/Eisenhower Ave.
Project Category/Priority: 2 – Renovations/Existing Assets
Estimated Useful Life: 20 years

Fleet Facility Air Handling Units (AHUs)													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	495,000	*495,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
GO Bonds	495,000	*495,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	495,000	*495,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: This is a new project added to the City's CIP during FY 2015. The project will be active during FY 2016, and will not require additional resources.

Project Description & Justification

This project includes the replacement of the multi-zone Air Handling Unit in the Fleet Services Building, including the related controls. Additional work includes the replacement of the chilled water pump, replacement of the five heating and ventilation units, and a new carbon monoxide and nitrogen dioxide controls system.

The existing building heating, ventilation and air condition systems are in need of replacement due to the fact the equipment and control systems are more than 30 years old and considerably past their serviceable life cycle. The fiber glass insulation is deteriorating and the inside of the Air Handling Units are rusted and impacting the indoor air quality. The carbon monoxide and nitrogen dioxide control system is very old and no longer supported by the manufacturer, making it difficult to service and maintain. Additionally these conditions create increased maintenance and energy costs for the facility.

This project was approved by City Council in February 2015 and added to the FY 2015 CIP project list.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Safe, Secure, & Just Community

- Reduce harm to people or property from building failures

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Library Capital Facilities Maintenance Program (CFMP)

Document Subsection: Library Facilities
Managing Department: General Services
Supporting Department(s): Library
ORG: 42851597

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2030
Expenditure Budget	3,231,435	*1,671,435*	175,000	285,000	100,000	100,000	150,000	150,000	150,000	150,000	150,000	150,000	1,560,000
Financing Plan													
Prior City Funding	1,671,435	*1,671,435*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	820,000	*0*	175,000	95,000	50,000	50,000	75,000	75,000	75,000	75,000	75,000	75,000	820,000
GO Bonds	740,000	*0*	0	190,000	50,000	50,000	75,000	75,000	75,000	75,000	75,000	75,000	740,000
Total Financing Plan	3,231,435	*1,671,435*	175,000	285,000	100,000	100,000	150,000	150,000	150,000	150,000	150,000	150,000	1,560,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding planned in FY 2018 and FY 2019 reduced by $50,000 and used to support the Beatley Library Building Envelope Restoration project. Funding added for FY 2025. No other changes to prior year CIP.

Project Description & Justification

This program provides for annual capital infrastructure improvements at Beatley Central Library, as well as Barrett, Burke and Duncan Branch Libraries. These facilities require ongoing capital investment for items such as floor covering replacement, mechanical, electrical and plumbing work, and carpentry. On occasion, larger projects involving HVAC systems or roof repairs may be necessary.

The Library 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 expectancies of equipment and materials necessary to adequately maintain the Library physical plant. In some cases, the equipment may be retained beyond the standard life expectancy if it is in good operating condition and it is cost-effective to do so.

A prioritized list of projects planned for FY 2016 - 2018 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.

Completion of these capital infrastructure projects helps maintain the building's capital assets by keeping facilities functioning properly, decreasing costly repairs, and promoting a healthy environment.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 4 – Children, Youth & Families

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Improve the quality of residents' leisure time
- Ensure all children and youth thrive and succeed
- Ensure the educational and developmental attainment of all residents

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Libraries CFMP (Continued)

Libraries CFMP Category 1 Project List

Fiscal Year 2016		
Description		Amount
Barrett Library - Carpet	$	85,000
Duncan Library - Carpet/Painting	$	90,000
Total Fiscal Year 2016	$	175,000

Fiscal Year 2017		
Description		Amount
Barrett Library - HVAC Replacement	$	135,000
Burke Library - Bathroom Upgrade	$	55,000
Beatley Library Exterior Lighting Upgrade (Phase 1 of 3)	$	70,000
Beatley Library - Exterior Walkway/Parking Lot Investigation	$	25,000
Total Fiscal Year 2017	$	285,000

Fiscal Year 2018		
Description		Amount
Beatley Library Exterior Lighting Upgrade (Phase 2 of 3)	$	30,000
Duncan & Burke Library - Exterior Sealant	$	35,000
Duncan Library Exterior Lighting Upgrade	$	35,000
Total Fiscal Year 2018	$	100,000

Ellen Coolidge Burke Facility Space Planning

Document Subsection: Library Facilities
Managing Department: General Services
Supporting Department(s): Library
ORG: TBD

Project Location: 4701 Seminary Road
Reporting Area: Seminary Hill/Strawberry Hill
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: N/A

Ellen Coolidge Burke Facility Space Planning													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2031
Expenditure Budget	50,000	*0*	50,000	TBD	TBD	0	0	0	0	0	0	0	50,000
Financing Plan													
Cash Capital	50,000	*0*	50,000	TBD	TBD	0	0	0	0	0	0	0	50,000
Total Financing Plan	50,000	*0*	50,000	TBD	TBD	0	0	0	0	0	0	0	50,000
Additional Operating Impact													
Annual Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	0
Cumulative Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: This is a new project added for FY 2016.

Project Description & Justification

In 2014, the Library completed an extensive community needs assessment study. After surveying almost 4,000 residents, conducting focus groups, speaking with community leaders, etc., the research indicated that residents value the Library for its physical spaces, including quiet study areas and meeting room use for community gatherings. In addition, residents and community leaders indicated the need for additional technology training for Alexandrians of all ages. Finally, participants noted the need for additional library programs related to STEAM (Science, Technology, Engineering, Arts, Math) education to support youth in the City. All of these priorities can be met by repurposing the first floor at the Burke Library, but proper planning is essential.

Prior to 2002, when the Burke Library began sharing its facility with ACPS, the Library occupied both the first and second floors of the building. Now that ACPS has vacated the first floor, that area will revert to the Library. Over the last decade, public libraries across the country have been repurposing their spaces in innovative ways and increasingly incorporate technology labs, maker spaces for hands on creation, business centers and digital media labs. Such spaces encourage learning, bolster technical skills and promote collaboration.

In order to determine the best use of this area, FY 2016 funding will provide for a space planning analysis. Since the first floor was significantly altered under ACPS, it is necessary to evaluate the existing area in order to make the best choices regarding future use. A space planner will analyze the space and make appropriate recommendations for the redesign concept. In order to use this facility for modern functions, a planner will assess the best ways to reorganize to accommodate new equipment and workflow. An analysis will ultimately assist with future costs, as Library staff will be able to make more informed decisions based on a professionally executed plan.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 4 – Children, Youth & Families

Focus Area: Accountable, Effective, & Well-Managed Government
- Achieves results the community values

Focus Area: Livable, Green, & Prospering City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents
- Improve the quality of residents' leisure time
- Ensure all children and youth thrive and succeed
- Ensure the educational and developmental attainment of all residents

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Additional operating budget impacts are unknown until a final design has been completed.

Beatley Library Building Envelope Restoration

Document Subsection: Library Facilities
Managing Department: General Services
Supporting Department(s): Library
ORG: TBD

Project Location: 5005 Duke Street
Reporting Area: Landmark/Van Dorn
Project Category/Priority: 2 – Renovations/Existing Facilities
Estimated Useful Life: N/A

Beatley Library Building Envelope Restoration													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2029
Expenditure Budget	1,170,000	*0*	0	150,000	1,020,000	0	0	0	0	0	0	0	1,170,000
Financing Plan													
Cash Capital	150,000	*0*	0	150,000	0	0	0	0	0	0	0	0	150,000
GO Bonds	1,020,000	*0*	0	0	1,020,000	0	0	0	0	0	0	0	1,020,000
Total Financing Plan	1,170,000	*0*	0	150,000	1,020,000	0	0	0	0	0	0	0	1,170,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: This is a new project added for FY 2017 and FY 2018.

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. The following work at Beatley has been completed to date:

- Exterior gutters refurbished
- Metal roofing on dormers replaced with new TPO membrane.
- Window leaks on 1st floor resolved by removing Blue Stone and installing correct flashing and water protection
- 30 glass panes replaced due to broken seals.
- Flooring replaced on 1st and 2nd floor
- Entire building painted
- Valve replacements completed.

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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 4 – Children, Youth & Families

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Improve the quality of residents' leisure time
- Ensure all children and youth thrive and succeed
- Ensure the educational and developmental attainment of all residents

External or Internal Adopted Plan or Recommendation

- Recommended by the Alexandria Library Board

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

City Historic Facilities Capital Facilities Maintenance Program (CFMP)

Document Subsection: Preservation of Historic Facilities
Managing Department: General Services
Supporting Department(s): Historic Alexandria
ORG: 45341695

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2033
Expenditure Budget	6,356,510	*2,906,510*	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	3,450,000
Financing Plan													
Prior City Funding	2,906,510	*2,906,510*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	1,320,000	*0*	220,000	95,000	95,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	1,320,000
General Obligation Bonds	2,130,000	*0*	125,000	250,000	250,000	215,000	215,000	215,000	215,000	215,000	215,000	215,000	2,130,000
Total Financing Plan	6,356,510	*2,906,510*	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	3,450,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

This project provides funding to address capital infrastructure improvements at the City's historic buildings managed by the Office of Historic Alexandria (OHA), including plaster repair, painting, floor restoration, heating, ventilation and air conditioning (HVAC), and electrical and plumbing systems components.

OHA-managed properties requiring capital maintenance include Fort Ward Park, Gadsby's Tavern, Lloyd House, The Lyceum, Stabler-Leadbeater Apothecary Museum, Friendship Firehouse, Payne Street Records Center (Archives), and Archaeology space located at the Torpedo Factory Arts Center.

A prioritized list of projects planned for FY 2016 - 2018 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.

Completion of these projects supports efforts to enhance the quality of life by preserving and appreciating Alexandria's diverse historic heritage and its place within the broader context of American history, while helping maintain the value of the City's historic assets.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 7 – Caring Community

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Promote neighborhoods that are amenity-rich
- Increase the economic benefits of tourism to the City

Focus Area: Healthy & Thriving Residents

- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

City Historic Facilities CFMP (Continued)

City Historic Facilities CFMP Category 1 Project List

Fiscal Year 2016		
Description		Amount
HVAC, plumbing, electrical, lighting, carpentry	$	50,000
Interior/Exterior and site improvements	$	45,000
Union Station Interior Painting and Benches Refurbishment	$	85,000
Gadsby's Tavern 3rd floor offices and restrooms improvements	$	75,000
Lyceum Exterior Painting/Stucco Repairs	$	90,000
Total Fiscal Year 2016	$	345,000
Fiscal Year 2017		
Description		Amount
HVAC, plumbing, electrical, lighting, carpentry	$	50,000
Interior/Exterior and site improvements	$	45,000
Lloyd House Restroom Kitchen Upgrades	$	165,000
Gadsby's Tavern Museum Storm Windows Replacements	$	85,000
Total Fiscal Year 2017	$	345,000
Fiscal Year 2018		
Description		Amount
HVAC, plumbing, electrical, lighting, carpentry	$	50,000
Interior/Exterior and site improvements	$	45,000
Ft. Ward Museum Restrooms Upgrades	$	65,000
Ft. Ward Museum Office Improvements	$	185,000
Total Fiscal Year 2018	$	345,000

Archives Public Records and Archaeology Storage Expansion

Document Subsection: Preservation of Historic Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: TBD

Project Location: 801 South Payne Street
Reporting Area: Southwest Quadrant
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: N/A

Archives Public Records and Archaeology Storage Expansion													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2029
Expenditure Budget	150,000	*0*	150,000	0	0	0	0	0	0	0	0	0	150,000
Financing Plan													
Cash Capital	150,000	*0*	150,000	0	0	0	0	0	0	0	0	0	150,000
Total Financing Plan	150,000	*0*	150,000	0	0	0	0	0	0	0	0	0	150,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: This is a new project added for FY 2016 and FY 2017.

Project Description & Justification

An initial assessment of the existing Archives Public Records and Archeology Storage facility located at 801 S. Payne Street was completed on April 9, 2013. The study determined that existing storage is inadequate for public records and recommended expansion of public records storage and administrative areas. The Library of Virginia Public Management Manual dated March 2012 provides guidelines for appropriate archives storage conditions essential to strategy for preservation of archival records including designated accessible administrative office/processing areas separate from public storage and space for public reference/viewing of original records.

This project is an intermediate measure to provide temporary storage capacity for the Archives staff until a complete expansion project can be funded. This funding provides for the interior demolition of walls separating the current Archives space and the former General Services space. The demolition will allow the Archives staff to configure proper administrative/processing and public viewing/research areas. The funding also provides for minor architectural upgrades to the former General Services space to accommodate archival operations.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 7 – Caring Community

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Gadsby's Tavern Restaurant Kitchen Equipment

Document Subsection: Preservation of Historic Facilities
Managing Department: General Services
Supporting Department(s): Historic Alexandria
ORG: TBD

Project Location: 138 N Royal Street
Reporting Area: Old Town
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: Varies

Gadsby's Tavern Restaurant Kitchen Equipment													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2034
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
Total Financing Plan	245,000	*0*	0	245,000	0	0	0	0	0	0	0	0	245,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding in FY 2016 in last year's CIP moved to FY 2017 to allow for completion of a business plan regarding restaurant operations before beginning updates to the kitchen.

Project Description & Justification

An assessment report completed in August 2013 recommended that Gadsby's Tavern restaurant kitchen equipment be replaced and updated to meet current code requirements, which require documents for permit and subsequent construction for equipment replacement.

This project will require City staff to develop a business plan to support the kitchen updates. Staff will develop this plan during FY 2016 to determine if the project should move forward in FY 2017.

Completion of this project supports efforts to enhance the economic benefits of tourism, while helping maintain the value of the City's historic assets.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 1 – Economic Development

Focus Area: Livable, Green, & Prospering City

- Increase the economic benefits of tourism to the City

Focus Area: Healthy & Thriving Residents

- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Gadsby's Tavern Elevator Design and Construction

Document Subsection: Preservation of Historic Facilities
Managing Department: General Services
Supporting Department(s): Multiple Departments
ORG: TBD

Project Location: 134 N. Royal Street
Reporting Area: Old Town
Project Category/Priority: 2 – Renovations/Existing Facilities
Estimated Useful Life: N/A

Gadsby's Tavern Elevator Design and Construction													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2036
Expenditure Budget	1,450,000	*0*	0	0	0	0	0	0	0	250,000	1,200,000	0	1,450,000
Financing Plan													
Cash Capital	250,000	*0*	0	0	0	0	0	0	0	250,000	0	0	250,000
General Obligation Bonds	1,200,000	*0*	0	0	0	0	0	0	0	0	1,200,000	0	1,200,000
Total Financing Plan	1,450,000	*0*	0	0	0	0	0	0	0	250,000	1,200,000	0	1,450,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: This is a new project added for FY 2023 and FY 2024.

Project Description & Justification

This project is based on a feasibility study completed in December 2013. The project funding will provide for the design and construction of an elevator to create ADA accessibility to the Gadsby's Tavern Museum Ballroom and American Legion meeting room along with ADA restrooms, which do not exist in the facility. Existing historic facility configuration does not provide accessible routes to the Gadsby's Tavern Museum Ballroom, a significant public use assembly space located at the second floor where many public and fundraising events occur. This is also true for the American Legion Assembly room located on the first floor. Visitors currently reach the Gadsby's Tavern Museum Ballroom located on the second floor via the Tavern stairs and the American Legion meeting room is served by the west stairs. The central stair functions as a second means of egress.

Currently, visitors reach the Gadsby's Tavern dining facilities via an accessible route from Royal Street through the courtyard and reach the American Legion assembly space on the first floor via an exterior entry stair from Cameron Street or through the west stair. Modification for access requires construction of an elevator in selected areas within the existing footprint of the building without infringement upon historic fabric of the facility. Selected areas have been identified in which compatible new construction for an elevator and modification for ADA accessible restrooms might be located without infringing upon the historic fabric of the facility. The non-ADA restrooms existing on the first floor serve the Gadsby's dining customers and there is no plausible option for reconfiguring them to ADA standards or for providing an accessible path to reach them without significant disturbance and removal of historic fabric.

The feasibility study identified selected areas for compatible locations for new construction of an elevator and ADA restrooms for the facility and eliminated infringement of historic fabric.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 7 – Caring Community

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Torpedo Factory Repairs

Document Subsection: Preservation of Historic Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: TBD

Project Location: 105 N. Union St.
Reporting Area: Old Town
Project Category/Priority: 1 – Asset Maintenance
Estimated Useful Life: Varies

Torpedo Factory Repairs													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2032
Expenditure Budget	2,283,175	*2,283,175*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	2,283,175	*2,283,175*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	2,283,175	*2,283,175*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding requested.

Project Description & Justification

This project addresses the most critical repair and major maintenance needs at the Torpedo Factory. The City is responsible for all capital building maintenance subsequent to its repurchase of this building in August 1998. This project serves as a place holder for additional work to be completed at the Torpedo Factory.

Prior year balances are available in this project for future maintenance and repair needs as they are identified, including a roof replacement. Additional funding requirement may be considered as part of future Capital Improvement Programs once specific capital infrastructure needs are identified.

The HVAC system replacement, elevator repairs, and electrical lighting upgrades were completed in March 2007. The final phase of HVAC system replacement was completed in 2012.

The Torpedo Factory provides an active use in Old Town and attracts numerous visitors to the area. Completion of projects enhances the City's ability to maintain a space to display the art work of City residents.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 7 – Caring Community

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Promote neighborhoods that are amenity-rich
- Increase the economic benefits of tourism to the City

Focus Area: Healthy & Thriving Residents

- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Torpedo Factory Space Programming Study

Document Subsection: Preservation of Historic Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: TBD

Project Location: 105 N. Union St.
Reporting Area: Old Town
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: N/A

Torpedo Factory Space Programming Study													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2035
Expenditure Budget	250,000	*0*	0	0	250,000	0	0	0	0	0	0	0	250,000
Financing Plan													
Cash Capital	250,000	*0*	0	0	250,000	0	0	0	0	0	0	0	250,000
Total Financing Plan	250,000	*0*	0	0	250,000	0	0	0	0	0	0	0	250,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: This is a new project added for FY 2018.

Project Description & Justification

This project provides for the renovation design of the Torpedo Factory.

A total of $250,000 is budgeted for this project a renovation design. The design is anticipated to be completed in the FY 2018 - 2019 time frame and will provide information for future planning, phasing, budgeting and phasing of the a renovation to the facility.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 7 – Caring Community

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Promote neighborhoods that are amenity-rich
- Increase the economic benefits of tourism to the City

Focus Area: Healthy & Thriving Residents

- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Mental Health Residential Facilities Capital Facilities Maintenance Program (CFMP)

Document Subsection: Public Health & Welfare Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: 45341760

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2038
Expenditure Budget	3,864,995	*2,364,995*	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Financing Plan													
Prior City Funding	2,364,995	*2,364,995*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	1,500,000	*0*	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Total Financing Plan	3,864,995	*2,364,995*	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

This project provides for the capital maintenance and replacement requirements at City-owned and operated group homes and residential units.

Projects planned for FY 2016 - 2018 are 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 2016 – 633 N. Columbus Street – window replacements and interior/exterior repairs ($150,000)
FY 2017 – Group homes (2) kitchen/bath renovations ($150,000)
FY 2018 – Group homes (4) roof replacements

In addition, to maintain the City's physical assets, this project supports the provision of effective and essential safety net services that measurably improve or maintain the quality of life for Alexandrians.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Increase self-sufficiency and meaningful quality of life for the City's most vulnerable residents

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Mental Health Facilities CFMP (Continued)

Mental Health Facilities CFMP Category 1 Project List

Fiscal Year 2016		
Description		Amount
633 N. Columbus Street windows replacements and interior/exterior repairs	$	150,000
Total Fiscal Year 2016	$	150,000
Fiscal Year 2017		
Description		Amount
Group Homes (2) Kitchen/Bath renovations	$	150,000
Total Fiscal Year 2017	$	150,000
Fiscal Year 2018		
Description		Amount
Group Homes (4) Roof Replacements	$	150,000
Total Fiscal Year 2018	$	150,000

Health Department Garage Concrete Deck and Parking Restoration

Document Subsection: Public Health & Welfare Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: 45342352

Project Location: 4480 King Street
Reporting Area: Alexandria West
Project Category/Priority: 2 – Renovations/Existing Assets
Estimated Useful Life: 30+ Years

Health Dept Garage Concrete Deck & Parking Restoration													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2037
Expenditure Budget	900,000	*900,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	900,000	*900,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	900,000	*900,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0		0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

4480 King Street is a City owned building that houses the Health Department and some function of the Department of Community and Human Services. This building was built in 1975 and has had multiple repairs to its parking areas over the last several years. The upper deck parking areas have drainage issues, which in the winter cause puddles of water to freeze and then re-freeze. This continuing process deteriorates the cement. De-icing materials are used to address this, but damage the concrete further. This damage is called spalling, which is the result of water entering the cement and forcing the surface to peel, pop out or flake off. Over time the supporting rebar will begin to rust and corrode, putting additional pressure on the concrete.

Currently there are large sections of concrete that have been replaced and patched that continue to erode every year. In order to prevent this from happening further, the parking areas need to be redesigned to include a better drainage system and a new concrete poured.

The design for this project is anticipated to be completed in summer 2015 followed by the construction.

This project will assist in maintaining the City's assets in functional order. Capital maintenance keeps the building functioning properly, decreases costly repairs, and promotes a healthy environment.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Safe, Secure, & Just Community

- Reduce harm to people or property from building failures

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Fire Department Capital Facilities Maintenance Program (CFMP)

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Fire Department
ORG: 45341749

Project Location: Citywide
Reporting Area: Citywide
Project Category/Priority: 1 – Asset Maintenance
Estimated Useful Life: Varies

Fire Department CFMP													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2047
Expenditure Budget	8,393,233	*4,393,233*	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	4,000,000
Financing Plan													
Prior City Funding	4,393,233	*4,393,233*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	1,270,000	*0*	175,000	100,000	120,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,270,000
General Obligation Bonds	2,730,000	*0*	225,000	300,000	280,000	275,000	275,000	275,000	275,000	275,000	275,000	275,000	2,730,000
Total Financing Plan	8,393,233	*4,393,233*	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	4,000,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

The Fire Station 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 expectancies of equipment and materials necessary to adequately maintain facilities. The CFMP also provides for the scheduled capital maintenance needs of Fire and Rescue facilities, including painting and floor covering (carpet and tile) replacement; mechanical, electrical and plumbing systems; and window and roof replacements.

Funding is provided over the ten year plan for essential renovations and continued updating and repairs to the City's nine fire stations.

A prioritized list of projects planned for FY 2016 - 2018 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.

Completion of these projects maintains the City's physical assets, while helping maintain and enhance the Fire Department's capacity to respond to requests for assistance throughout the City.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure, & Just Community
- Reduce harm to people and property from fire
- Increase survivability from medical emergencies and traumatic injuries
- Reduce harm to people or property from disasters

Focus Area: Accountable, Effective, & Well-Managed Government
- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Promote neighborhoods that are amenity-rich

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Fire Department CFMP (Continued)

Fire Stations CFMP Category 1 Project List

Fiscal Year 2016		
Description		Amount
Station 204 - HVAC design	$	100,000
Station 208 - Roof Replacement	$	120,000
Station 208 - Hose Tower Glass Replacement	$	40,000
Station 208 - Interior Building Lighting Upgrade	$	35,000
Station 201 - Airvac Install	$	50,000
Station 201 - Interior Door Replacement	$	40,000
Station 201 - Interior Painting	$	15,000
Total Fiscal Year 2016	$	400,000
Fiscal Year 2017		
Description		Amount
Station 205 - Assess Sanitary Lines/windows	$	155,000
Station 205 - Re-surface Driveway	$	40,000
Station 206 - Window Replacement	$	60,000
Station 206 - Interior Paint/New Flooring	$	60,000
Station 208 - Window Replacement	$	85,000
Total Fiscal Year 2017	$	400,000
Fiscal Year 2018		
Description		Amount
Station 204 - HVAC Upgrade	$	280,000
Station 204 - Exterior Sealant	$	25,000
Station 202 - Parking Lot Repairs	$	40,000
Station 202 - Exterior Gutters/Brick Work	$	20,000
Station 202 - Front Apron Repairs	$	20,000
Station 202 - Replace fence/paint exterior	$	15,000
Total Fiscal Year 2018	$	400,000

Fire Station Listing

Fire Station 201	317 Prince Street
Fire Station 202	213 E. Windsor Ave.
Fire Station 203	2801 Cameron Mills Rd.
Fire Station 204	900 Second St.
Fire Station 205	1210 Cameron Street
Fire Station 206	4609 Seminary Rd.
Fire Station 207	3301 Duke St.
Fire Station 208	175 N. Paxton St.
Fire Station 209	2800 Main Line Blvd.
Fire Station 210	5225 Eisenhower Ave

Fire Station 203 (Cameron Mills)

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Fire Department
ORG: 45342351

Project Location: 2801 Cameron Mills Rd.
Reporting Area: North Ridge/Rosemont
Project Category/Priority: 3 – New Facilities
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2053
Expenditure Budget	7,905,000	*600,000*	1,000,000	6,305,000	0	0	0	0	0	0	0	0	7,305,000
Financing Plan													
Cash Capital	1,100,000	*600,000*	500,000	0	0	0	0	0	0	0	0	0	500,000
General Obligation Bonds	6,805,000	*0*	500,000	6,305,000	0	0	0	0	0	0	0	0	6,805,000
Total Financing Plan	7,905,000	*600,000*	1,000,000	6,305,000	0	0	0	0	0	0	0	0	7,305,000
Additional Operating Impact													
Annual Impact			0	1,200,000	1,133,000	1,166,990	1,202,000	1,238,060	1,275,201	1,313,458	1,352,861	1,393,447	11,275,017
Cumulative Impact			0	1,200,000	2,333,000	3,499,990	4,701,990	5,940,049	7,215,251	8,528,708	9,881,570	11,275,017	11,275,017

Changes from Prior Year CIP: Planned funding of $7.121 million in FY 2016 has been increased to $7.3 million and extended through FY 2017. Planning and design efforts are expected to continue through FY 2016, with construction anticipated to start in FY 2017. A 3% inflation factor was to the project to move construction funding to FY 2017.

Project Description & Justification

Fire Station 203, located in the Beverley Hills area, was built in 1948 and is 67 years old. The Station's two bays house an Engine, a Ladder Truck, and an EMS Supervisor vehicle. This project funds a demolition-replacement of the current facility, with the rationale for a demolition-replacement as follows:

- 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;
- 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); and
- This "force-fit" also prevents the accommodation of Advanced Life Support (ALS) capability for the Beverley Hills area, where none currently exists; and the current 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 needs major improvements.

Full scale design began in FY 2015 with work in FY 2016 anticipated to be more detailed and specifically related to the logistics of bringing the project forward for design and construction in FY 2017. City staff has determined that this is an optimal location for fire service delivery, and the project is moving forward in advance of the completion of the Fire Location Study being completed by City staff.

Completion of this project will enhance Fire Department prevention and response delivery services by operating new stations that are safe, effective, and efficient. These capital investments in new fire stations versus investing in existing inefficient and aged fire stations help maximize the value of taxpayer dollars.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure, & Just Community
- Reduce harm to people and property from fire
- Increase survivability from medical emergencies and traumatic injuries
- Reduce harm to people or property from disasters

Focus Area: Accountable, Effective, & Well-Managed Government
- Achieves results the community values
- Ensure the government is accountable to the community

Focus Area: Livable, Green, & Prospering City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Promote neighborhoods that are amenity-rich

External or Internal Adopted Plan or Recommendation

- FY 2010 Alexandria Fire Department Facilities Renovation and Construction Program
- Fire Station Facilities Study, completed June 2008
- 2007 TriData Assessment of Alexandria Fire Department

Additional Operating Budget Impact

The new Station 203 is tentatively scheduled to open in the FY 2018 time frame. Previous CIPs have cited a 2007 study that calls for an additional medic unit at this station. This will be re-evaluated during the Fire Location Study. If a new medic unit is added, first year estimated costs of $1.2 million include compensation, uniforms, protective gear, communications gear, and training along with facility operating expenditures. It is also possible an existing medic unit could also be relocated here.

Fire Station 207 (Duke Street)

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Fire Department
ORG: TBD

Project Location: 3301 Duke Street
Reporting Area: Taylor Run
Project Category/Priority: 3 – New Facilities
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2055
Expenditure Budget	18,200,000	*0*	0	0	3,500,000	0	14,700,000	0	0	0	0	0	18,200,000
Financing Plan													
Cash Capital	1,000,000	*0*	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000
General Obligation Bonds	17,200,000	*0*	0	0	2,500,000	0	14,700,000	0	0	0	0	0	17,200,000
Total Financing Plan	18,200,000	*0*	0	0	3,500,000	0	14,700,000	0	0	0	0	0	18,200,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	15,000	15,450	15,914	16,391	16,883	79,637
Cumulative Impact			0	0	0	0	0	15,000	30,450	46,364	62,754	79,637	79,637

Changes from Prior Year CIP: Planned funding beginning in FY 2017 in last year's CIP moved back to FY 2018 (including inflation) to account for updated timeline to complete Fire Station renovations/rebuilds and allow for the completion of the Fire Location Study.

Project Description & Justification

Station 207 (Duke Street) was built in 1963 and is 49 years old. Two bays house an engine, a Medic unit, and a Light and Air unit. Station 207 is one of the busiest City Stations and responds to emergencies in the City's center and West End. The City needs a centrally located Station to serve all areas; Station 207 is targeted to be that central facility. However, a minimal four bay configuration is required for an engine, ladder truck, rescue truck, and Medic unit (and, ideally, an additional two bays to house the reserve fleet, now stored outside). The current Station cannot house a needed ladder and a rescue truck; has structural issues, including slab movement; and has insufficient staff living areas. A new four bay Station 207 cannot fit at its present land-constrained site. The City continues to study the optimal locations for its fire stations through a fire station location study expected to be completed in FY 2016. These apparatus placements may be adjusted based on the station and apparatus location study that staff is working on.

A strategy for a new site could entail selling the current facility and land, and constructing a new Station 207 in conjunction with other City uses. The new project budget includes an additional $3.0 million for land acquisition cost should another City site not be available in the immediate Duke Street area. If this station is ultimately constructed at a different site and the City opts to sell the current land, the sale revenues would help offset capital costs.

Completion of this project will enhance Fire Department prevention and response delivery services by operating new stations that are safe, effective, and efficient. These capital investments in new fire stations versus investing in existing inefficient and aged fire stations help maximize the value of taxpayer dollars.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure, & Just Community

- Reduce harm to people and property from fire
- Increase survivability from medical emergencies and traumatic injuries
- Reduce harm to people or property from disasters

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Promote neighborhoods that are amenity-rich

External or Internal Adopted Plan or Recommendation

- FY 2010 Alexandria Fire Department Facilities Renovation and Construction Program
- Fire Station Facilities Study, completed June 2008

Additional Operating Budget Impact

Due to the anticipated increase in facility size, $15,000 is budgeted beginning in FY 2021 to account for an increase in utility and maintenance costs.

Fire Station 211 (Beauregard)

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Fire Department
ORG: TBD

Project Location: 4609 Seminary Road
Reporting Area: Seminary Hill/Strawberry Hill
Project Category/Priority: 3- New Facilities
Estimated Useful Life: 30 years

Fire Station 211 (Beauregard)													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2056
Expenditure Budget	13,200,000	*0*	0	0	0	1,100,000	5,000,000	7,100,000	0	0	0	0	13,200,000
Financing Plan													
Cash Capital	200,000	*0*	0	0	0	0	0	200,000	0	0	0	0	200,000
General Obligation Bonds	1,800,000	*0*	0	0	0	0	0	1,800,000	0	0	0	0	1,800,000
Private Capital Contributions	11,200,000	*0*	0	0	0	1,100,000	5,000,000	5,100,000	0	0	0	0	11,200,000
Total Financing Plan	13,200,000	*0*	0	0	0	1,100,000	5,000,000	7,100,000	0	0	0	0	13,200,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	5,700,000	5,400,000	5,562,000	5,728,860	5,900,726	28,291,586
Cumulative Impact			0	0	0	0	0	5,700,000	11,100,000	16,662,000	22,390,860	28,291,586	28,291,586

Changes from Prior Year CIP: Planned funding beginning in FY 2017 in last year's CIP moved back to FY 2019 (including inflation) to account for updated timeline to complete Fire Station renovations/rebuilds, allow for the completion of the Fire Location Study, and updated timeframe in which development contributions supporting the project are anticipated to be received.

Project Description & Justification

Station 211(Beauregard) is planned to be constructed as a new 18,000 square feet, two story steel framed/brick structure building to be located at the junction of Beauregard street and Sanger Avenue within the Beauregard Development Zone. The station proposes to house the following: basic services area, residential areas, and an apparatus area. The station projected to house an engine, a ladder truck, a medic unit and potentially other existing units based on operational needs. The City continues to study the optimal locations for its fire stations through a fire station location study expected to be completed in FY 2016. These apparatus placements may be adjusted based on the station and apparatus location study that staff is working on.

The probable construction cost is approximately $11.2 million; however, the exact scope has not been determined. The City's financial obligation is budgeted at $2.0 million and may include certain apparatus and equipment to operate the facility, with the remaining construction cost covered by the developer's contribution. Construction is not planned until FY 2018, and will require development contributions to be completed. The City continues to study the optimal locations for its fire stations through a fire station location study expected to be completed in FY 2016.

Completion of this project will enhance Fire Department prevention and response delivery services in the Beauregard Corridor by operating a new station that is effective and efficient.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure, & Just Community

- Reduce harm to people and property from fire
- Increase survivability from medical emergencies and traumatic injuries
- Reduce harm to people or property from disasters

Focus Area: Accountable, Effective & Well-Managed Government

- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Promote neighborhoods that are amenity-rich

External or Internal Adopted Plan or Recommendation

- FY 2010 Alexandria Fire Department Facilities Renovation and Construction Program
- Fire Station Facilities Study, completed June 2008

Additional Operating Budget Impact

Estimated costs are for staffing levels that include 15 FTEs for the engine, 15 FTEs for the ladder truck and 10 FTEs for the medic unit, one-time personal protection gear costs and station operating costs. At this point in time, a staffing plan has not been approved, so the additional operating impact reflects the costs of the Fire Department request only.

Fire Station 206 (Seminary Road)

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Fire Department
ORG: TBD

Project Location: TBD
Reporting Area: Beauregard Small Area Plan
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: 30 years

Fire Station 206 (Seminary Rd)													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2057
Expenditure Budget	11,528,000	*0*	0	0	0	0	0	720,000	0	10,808,000	0	0	11,528,000
Financing Plan													
Cash Capital	1,000,000	*0*	0	0	0	0	0	500,000	0	500,000	0	0	1,000,000
General Obligation Bonds	10,528,000	*0*	0	0	0	0	0	220,000	0	10,308,000	0	0	10,528,000
Total Financing Plan	11,528,000	*0*	0	0	0	0	0	720,000	0	10,808,000	0	0	11,528,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	15,000	15,450	30,450
Cumulative Impact			0	0	0	0	0	0	0	0	15,000	30,450	30,450

Changes from Prior Year CIP: Planned funding beginning in FY 2018 in last year's CIP moved back to FY 2020 (including inflation) to account for updated timeline to complete Fire Station renovations/rebuilds and allow for the completion of the Fire Location Study.

Project Description & Justification

Station 206 (Seminary Road) was built in 1958 and is 54 years old, four years beyond the generally accepted life cycle for a fire station. This two bay Station houses a rescue engine, a rescue squad, a medic unit, and a Battalion Chief vehicle. Station 206 primarily responds to emergencies in the West End, even though located east of I-395. Because of the high call volume in the West End, Station 206 resources are regularly supplemented by automatic aid from Fairfax and Arlington Counties.

The Station 206 bays have narrow and low overhead doors that cannot accommodate modern apparatus; there are insufficient living areas for staff; and the assessment by the independent architectural-engineering firm recommended demolition of the existing facility. A new station is needed to house an engine, a rescue unit, the technical rescue support unit, a medic unit, and vehicles for a Battalion Chief and an EMS Supervisor. The City continues to study the optimal locations for its fire stations through a fire station location study expected to be completed in FY 2016. These apparatus placements may be adjusted based on the station and apparatus location study that staff is working on.

Completion of this project will enhance Fire Department prevention and response delivery services by operating new stations that are safe, effective, and efficient. These capital investments in new fire stations versus investing in existing inefficient and aged fire stations help maximize the value of taxpayer dollars

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure, & Just Community
- Reduce harm to people and property from fire
- Increase survivability from medical emergencies and traumatic injuries
- Reduce harm to people or property from disasters

Focus Area: Accountable, Effective, & Well-Managed Government
- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Promote neighborhoods that are amenity-rich

External or Internal Adopted Plan or Recommendation

- FY 2010 Alexandria Fire Department Facilities Renovation and Construction Program
- Fire Station Facilities Study, completed June 2008

Additional Operating Budget Impact

Due to the anticipated increase in facility size, $15,000 is budgeted beginning in FY 2024 to account for an increase in utility and maintenance costs.

Fire Station 205 (Cameron Street)

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Fire Department
ORG: TBD

Project Location: 1210 Cameron Street
Reporting Area: Old Town
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: 30 years

Fire Station 205 (Cameron Street)													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2058
Expenditure Budget	11,273,000	*0*	0	0	0	0	0	0	3,400,000	0	7,873,000	0	11,273,000
Financing Plan													
Cash Capital	1,000,000	*0*	0	0	0	0	0	0	1,000,000	0	0	0	1,000,000
General Obligation Bonds	10,273,000	*0*	0	0	0	0	0	0	2,400,000	0	7,873,000	0	10,273,000
Total Financing Plan	11,273,000	*0*	0	0	0	0	0	0	3,400,000	0	7,873,000	0	11,273,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	15,000	15,000
Cumulative Impact			0	0	0	0	0	0	0	0	0	15,000	15,000

Changes from Prior Year CIP: Planned funding beginning in FY 2020 in last year's CIP moved back to FY 2022 (including inflation) to account for updated timeline to complete Fire Station renovations/rebuilds and allow for the completion of the Fire Location Study.

Project Description & Justification

Station 205 (Cameron Street) was built in 1949 and is 63 years old, 13 years beyond the generally accepted life cycle for a fire station. This two bay Station houses an engine, a medic unit, Battalion Chief and a Battalion Aide vehicle. Station 205 primarily responds to emergencies in the Old Town area and in the Eisenhower East areas. The Station 205 bays have narrow and low overhead doors, and low ceilings that cannot accommodate modern apparatus that should be housed at Station 205, where it is needed (i.e., a ladder truck is currently housed in Station 204); there are insufficient living areas for staff; and the assessment by the independent architectural-engineering firm recommended demolition of the existing facility. A new Station is recommended to replace the existing Station 205. The City continues to study the optimal locations for its fire stations through a fire station location study expected to be completed in FY 2016. These apparatus placements may be adjusted based on the station and apparatus location study that staff is working on. The current site is exceptionally limited in size and cannot accommodate a four bay station.

It is possible that consideration will be made to relocate this station, as the existing site is quite small for contemporary fire station functions. Land acquisition costs of $2.4 million are budgeted as part of the project. If this station is ultimately constructed at a different site and the City opts to sell the current property, the sale revenues would help offset capital costs.

Completion of this project will enhance Fire Department prevention and response delivery services by operating new stations that are safe, effective, and efficient. These capital investments in new fire stations versus investing in existing inefficient and aged fire stations help maximize the value of taxpayer dollars.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure, & Just Community

- Reduce harm to people and property from fire
- Increase survivability from medical emergencies and traumatic injuries
- Reduce harm to people or property from disasters

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Promote neighborhoods that are amenity-rich

External or Internal Adopted Plan or Recommendation

- FY 2010 Alexandria Fire Department Facilities Renovation and Construction Program
- Fire Station Facilities Study, completed June 2008

Additional Operating Budget Impact

Due to the anticipated increase in facility size, $15,000 is budgeted beginning in FY 2025 to account for an increase in utility and maintenance costs.

Office of the Sheriff Capital Facilities Maintenance Program (CFMP)

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Sheriff's Office
ORG: 45341726

Project Location: 2001/03 Mill Rd; 520 King St
Reporting Area: Citywide
Project Category/Priority: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2046
Expenditure Budget	7,554,356	*2,954,356*	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	4,600,000
Financing Plan													
Prior City Funding	2,954,356	*2,954,356*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	2,530,000	*0*	335,000	335,000	220,000	320,000	220,000	220,000	220,000	220,000	220,000	220,000	2,530,000
General Obligation Bonds	2,070,000	*0*	125,000	125,000	240,000	140,000	240,000	240,000	240,000	240,000	240,000	240,000	2,070,000
Total Financing Plan	7,554,356	*2,954,356*	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	4,600,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

This project will provide funds to update and repair existing infrastructure at the Public Safety Center (PSC), Franklin Backus Courthouse, and the William G. Truesdale Detention Center, managed by the Alexandria Sheriff's Office (ASO). The ASO and the Department of General Services (DGS) work together to review approved projects and establish a list of priorities and evaluate new project proposals.

A prioritized list of projects planned for FY 2016 - 2018 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. Maintenance keeps the building functioning properly, decreases costly repairs, and promotes a healthy environment.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure, & Just Community

- Ensure all community members are treated justly and protected under the law

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Office of the Sheriff Facilities CFMP (Continued)

Office of the Sheriff CFMP Category 1 Project List

Fiscal Year 2016		
Description		Amount
Security (replace/add cameras, monitors, touchscreens, NVRs, card readers)	$	115,000
Exterior Building/Site Improvements to include masonry, site lighting	$	125,000
Interior Improvements to include epoxy kitchen flooring, workstations	$	110,000
HVAC, Electrical, Plumbing	$	75,000
Painting Supplies	$	20,000
Kitchen/Laundry Equipment Replacements	$	15,000
Total Fiscal Year 2016	$	460,000
Fiscal Year 2017		
Description		Amount
Security Systems (cameras, access, card readers, monitors, gates)	$	95,000
Exterior Building/Site Improvements (fencing, masonry, windows)	$	55,000
Interior Improvements to include epoxy, workstations, gym floor replacements	$	180,000
HVAC, Electrical and Plumbing Replacements	$	75,000
Painting Supplies	$	20,000
Kitchen/Laundry Equipment Replacements	$	35,000
Total Fiscal Year 2017	$	460,000
Fiscal Year 2018		
Description		Amount
Security (replace/add cameras, software updates, card readers, monitors)	$	95,000
Exterior Building/Site Improvements (parking lot repaving, grading)	$	240,000
HVAC, Electrical and Plumbing Replacements	$	70,000
Painting Supplies	$	20,000
Kitchen/Laundry Equipment	$	35,000
Total Fiscal Year 2018	$	460,000

Courthouse Renovations – HVAC Replacement and Capital Facilities Maintenance

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: 45342277

Project Location: 520 King Street
Reporting Area: Old Town
Project Category/Priority: 2 – Renovations/Existing Assets
Estimated Useful Life: 5-15 years

Courthouse Renovations - HVAC and CFMP													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2048
Expenditure Budget	2,400,000	*700,000*	250,000	250,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,700,000
Financing Plan													
Cash Capital	445,000	*120,000*	0	0	150,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	325,000
General Obligation Bonds	1,955,000	*580,000*	250,000	250,000	0	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,375,000
Total Financing Plan	2,400,000	*700,000*	250,000	250,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,700,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes to prior year CIP.

Project Description & Justification

The Courthouse capital facility maintenance plan 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 expectancies of equipment and materials necessary to adequately maintain the Courthouse. In some cases, the Courthouse's equipment may be retained beyond the standard life expectancy if it is in good operating condition and it is cost-effective to do so. The CFMP also provides for the scheduled capital maintenance needs of the Courthouse, including painting and floor covering (carpet and tile) replacement; mechanical, electrical and plumbing systems; and window and roof replacements.

Priority projects in the Courthouse include the replacement of the five remaining air handler units and installation of Variable Air Volume devices and updated controllers.

Staff has performed initial design/engineering work related to the HVAC rehab in order to establish a reasonable budget estimate and timeline. Final design will be a necessary component of the actual implementation efforts.

The project helps maintain the City's physical assets value. Fiscal resources are managed more efficiently with a more efficient HVAC system. Additionally, project completion will help control utility consumption and minimize the City's carbon footprint.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Courthouse Renovations CFMP (Continued)

Courthouse Renovations CFMP Category 1 Project List

Fiscal Year 2016		
Description		Amount
Replace/Rebuild Air Handler Units #3 and 4	$	250,000
Total Fiscal Year 2016	$	250,000
Fiscal Year 2017		
Description		Amount
Replace/Rebuild Air Handler Units #5 and #6	$	250,000
Total Fiscal Year 2017	$	250,000
Fiscal Year 2018		
Description		Amount
Replace Audio Equipment, Paint and Carpet for Courtroom #1	$	150,000
Total Fiscal Year 2018	$	150,000

Courthouse-General District Court Clerk's Office Payment Center

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: TBD

Project Location: 520 King Street
Reporting Area: Old Town
Project Category/Priority: 2 – Renovations/Existing Facilities
Estimated Useful Life: N/A

Courthouse-General District Court Clerk's Office Payment Center													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2050
Expenditure Budget	160,000	*0*	160,000	0	0	0	0	0	0	0	0	0	160,000
Financing Plan													
Cash Capital	160,000	*0*	160,000	0	0	0	0	0	0	0	0	0	160,000
Total Financing Plan	160,000	*0*	160,000	0	0	0	0	0	0	0	0	0	160,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: This is a new project added for FY 2016.

Project Description & Justification

The General District Court (GDC) Traffic/Criminal Payment Center's (Room #208) existing infrastructure and furniture are original items from when the building first opened for business. The physical layout and traffic patterns for staff and visitors to the department are inefficient especially when persons with disabilities seek to access the payment department to transact business affairs. With the significant increase in usage of the space, the GDC Traffic/Criminal Payment Center (Room #208) is in need of an improved customer service counter and area. With the increased customer traffic, there are now issues of safety and security related to the confined space created by the wall separating the payment area from the lobby. There have been several incidents where customer frustration is exasperated by the overcrowded confined space and have led to physical violence, damage to the building structure, and assault on officers. This project would open up current office space to the lobby area and provide four customer service windows (similar in concept to Finance - Treasury or revenue operations), including one ADA compliant window. The current GDC Traffic/Criminal Payment Center (Room #208) does not have a setup conducive to customer service. Opening up the area through redesign will make it ADA compliant and help mitigate safety and security issues.

Work related to removal of the separation wall is being completed in FY15 in order to mitigate immediate safety concerns. This is the initial phase of the work and the remainder of the redesign and construction of the project will be part of the FY 2016 funding.

Phase 1 design has been completed for the GDC Payment Center customer service counters. Phase 2 design work needs to be completed to finalize the design and layout of the employee workspaces.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Adult Detention Center HVAC Replacement

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Sheriff's Office
ORG: 45342213

Project Location: 2001/03 Mill Rd; 520 King St
Reporting Area: Citywide
Project Category/Priority: 2 – Renovations/Existing Assets
Estimated Useful Life: Varies

Adult Detention Center HVAC Replacement													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2051
Expenditure Budget	1,645,700	*1,350,700*	295,000	0	0	0	0	0	0	0	0	0	295,000
Financing Plan													
Prior City Funding	1,350,700	*1,350,700*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	295,000	*0*	295,000	0	0	0	0	0	0	0	0	0	295,000
Total Financing Plan	1,645,700	*1,350,700*	295,000	0	0	0	0	0	0	0	0	0	295,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding in the amount of $0.295 million added for FY 2016 to account for project cost revision replacing antiquated pneumatic to DDC controls for the new HVAC equipment to include building automation system upgrades

Project Description & Justification

The William G. Truesdale Adult Detention Center located at 2001 Mill Road, Alexandria, was completed in 1987 and houses all individuals committed by the courts to the Sheriff's custody and federal inmates held by the City.

The Alexandria Sheriff's Office stated that inmates regularly expressed concerns about issues with the original existing HVAC, including:

- The lack of airflow -- the three Heat Recovery Wheels (HRWs) became clogged blocking airflow to the Detention Center areas (includes dayrooms, cells, classrooms) and were subsequently removed this summer to allow full airflow to first through fourth floors Detention Center areas, but will need to be replaced.
- Third and fourth floor occupants complained of being hot with insufficient air flow during the summer.
- First floor occupants complained of being cold during the winter.
- The current HVAC system is original to the facility.

To solve these deficiencies, this project includes project design, the replacement of three heat recovery wheels (HRW's) with more modern and efficient designs, and the replacement of nine air handler units (AHU's). In FY2016 additional funding will provide for an upgrade to the energy management building automation and controls systems that is required for the new equipment.

Completion of this project will efficiently manage City financial resources by replacing equipment past its useful life with new energy efficient equipment, which decreases maintenance and energy costs. Additionally, it helps ensure reasonable environmental conditions for the inmate population in the detention center, which reduces risk to health and life safety.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Emergency Operations Center/Public Safety Center Reuse

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: 45342085

Project Location: 2003 Mill Rd.
Reporting Area: Eisenhower East
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: 25 years

Emergency Operations Center/Public Safety Center Reuse													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2044
Expenditure Budget	4,899,500	*4,899,500*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior Year City Funding	4,899,500	*4,899,500*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	4,899,500	*4,899,500*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

This project was funded in FY2013 and included the build-out of a new and dedicated City Emergency Operation Center (EOC) in the space vacated by the Police Department, as well as expanded Sheriff's Office, Police Hack Office, and Emergency Management storage.

In order to provide necessary HVAC service for these new functions, additional funding was requested in FY 2014 for the replacement of the five Air Handling Units serving the building's west wing (administrative wing) as well as the necessary equipment to provide back-up emergency power to the entire facility. During the design phase for the build-out, it was determined that two of the five Air Handling Units (AHU's) serving the west wing do not have sufficient capacity to serve the space. In addition, all five units are 27 years old and they have exceeded their 25-year life expectancy.

Additionally, during the summer storms of 2012, it was determined that a critical facility such as the Public Safety Center should have full emergency power back-up to ensure uninterrupted operation and protect the safety of the employees and inmates. Having the building fully backed up by emergency power will allow the HVAC operation to be undisrupted during a power outage and facilitate the expansion of the EOC operation in other areas of the building if more space is needed (e.g., conference room on other floors, gymnasium, etc.)

The project is currently under design, in the construction documents development phase. The design completion was postponed by a few months for the integration of the move of the City's Network Operations Center. The design is now estimated to be completed in spring 2015 with construction starting fall/winter 2015.

Completion of this project will manage financial resources by replacing 27 year old equipment with new energy efficient equipment, which decreases maintenance and energy costs. Additionally, the safety of the building will be enhanced by providing back-up emergency power for the entire facility and supports City-wide public safety by providing an effective Emergency Operations Center.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure, & Just Community

- Reduce harm to people and property from fire
- Increase survivability from medical emergencies and traumatic injuries
- Reduce harm to people or property from disasters
- Reduce harm to people or property from building failures

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

Focus Area: Livable, Green, & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Unknown at this time. Additional operating impact will depend on the final scope of work developed for the EOC.

Police K-9 Facility Renovation

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Police Department
ORG: 45341754

Project Location: 1108B Jefferson St.
Reporting Area: Southwest Quadrant
Project Category/Priority: 2 – Renovations/Existing Assets
Estimated Useful Life: 20 years

Police K-9 Facility Renovation													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2043
Expenditure Budget	525,900	*525,900*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	525,900	*525,900*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	525,900	*525,900*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

This project will provide for the renovation of the existing Police K-9 Facility located adjacent to the Lee Center. The facility is badly in need of renovation. Current conditions do not meet some building codes and need to be addressed. This renovation will address needed reallocation of space within the facility. Additional work space is badly needed for police officers, as well as space for roll call/meeting use. The renovation will also address needed training and kennel enhancements, which will deter the spread of common kennel diseases. The kennels provide K-9 dog housing when handlers are in non-K-9 training or are out of town. K-9 dogs generally are not accepted at private boarding facilities so this facility provides the housing needed for the animals, as well as related work space for the handlers.

This project is currently under design. The design phase is estimated to be completed spring 2015. Construction is expected to start fall 2015.

Completion of this project helps maintain and enhance the City's public safety facilities.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure, & Just Community

- Reduce crime

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the fiscal strength of the government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

The renovation of the K-9 facility should not have an annual operating budget impact. With energy efficiency gained through new HVAC systems, the energy cost for the facility may actually decrease, or achieve cost avoidance in future years.

Pistol Range

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Police Department
ORG: TBD

Project Location: 5261 Eisenhower Ave.
Reporting Area: Landmark/Van Dorn
Project Category/Priority: 2 – Renovations/Existing Assets
Estimated Useful Life: 25 years

Pistol Range													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2052
Expenditure Budget	1,680,000	*180,000*	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
Financing Plan													
Cash Capital	180,000	*180,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	1,500,000	*0*	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
Total Financing Plan	1,680,000	*180,000*	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
Additional Operating Impact													
Annual Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: No changes from prior year CIP.

Project Description & Justification

This project provides funding for improvements at the Charles Hill Memorial Firearms Training Facility to address the health, safety, and noise concerns raised by the Alexandria Police Department and regional public safety user groups. The Pistol Range is heavily used by about 500 Alexandria Police officers and Sheriff's deputies who are required to train at the Range annually for a total of about 6,500 total hours a year. Police Special Operations and tactical unit members receive additional range training, and several other local law enforcement officers also use the City's range.

This project design is estimated to be complete fall 2015. Construction is expected to start winter 2016.

In addition to maintaining our City's public safety infrastructure, this project mitigates environmental concerns at the facility.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure & Just Community

- Reduce crime

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the fiscal strength of the government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Unknown at this time. Additional operating impact will depend on the final scope of work developed for the Pistol Range.

Vola Lawson Animal Shelter Capital Facilities Maintenance Program

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: 45341741

Project Location: 4101 Eisenhower Ave
Reporting Area: Eisenhower East
Project Category/Priority: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2049
Expenditure Budget	566,691	*266,691*	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	300,000
Financing Plan													
Prior City Funding	266,691	*266,691*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	300,000	*0*	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	300,000
Total Financing Plan	566,691	*266,691*	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	300,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes to prior year CIP.

Project Description & Justification

This project provides for continuous 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).

Based on this agreement, a total of $300,000 has been budgeted over ten years ($30,000 per year) to address these capital maintenance and replacement requirements.

This annual investment enhances the City's ability to respond to and shelter homeless animals in the City.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Vola Lawson Animal Shelter CFMP (Continued)

Vola Lawson Animal Shelter CFMP Category 1 Project List

Fiscal Year 2016		
Description		Amount
Hot Water Heaters	$	30,000
Total Fiscal Year 2016	$	30,000
Fiscal Year 2017		
Description		Amount
Exterior Painting	$	30,000
Total Fiscal Year 2017	$	30,000
Fiscal Year 2018		
Description		Amount
Site Lighting/Gate Improvements	$	30,000
Total Fiscal Year 2018	$	30,000

Animal Shelter Exterior Dog Kennels

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Multiple Departments
ORG: TBD

Project Location: 4101 Eisenhower Ave
Reporting Area: Eisenhower East
Project Category/Priority: 2 – Renovations/Existing Facilities
Estimated Useful Life: N/A

Animal Shelter Exterior Dog Kennels													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2054
Expenditure Budget	258,000	*0*	0	258,000	0	0	0	0	0	0	0	0	258,000
Financing Plan													
Cash Capital	58,000	*0*	0	58,000	0	0	0	0	0	0	0	0	58,000
General Obligation Bonds	200,000	*0*	0	200,000	0	0	0	0	0	0	0	0	200,000
Total Financing Plan	258,000	*0*	0	258,000	0	0	0	0	0	0	0	0	258,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: This is a new project added for FY 2016.

Project Description & Justification

The Vola Lawson Animal Shelter, owned by the City of Alexandria, has three rooms of dog kennels or three "runs". These dog kennels, or dog runs, have a section that is inside and a section that is outside and these sections are separated by a guillotine door that can be opened or closed from either the inside or outside of each kennel. Kennels that have two separate sides separated by a guillotine door are the best and most effective kennel design. This allows dogs to be on one side of the kennel while the other side of their kennel is cleaned. The dogs do not need to be handled, removed from the kennel, get wet or come into contact with cleaning products during the cleaning process. Old style kennels did not have guillotine doors and the dogs either were left in the kennel while it was cleaned, which meant that the dog became wet or the dog had to be moved out of its kennel during cleaning which increases the risk of injury to the staff person handling the animal and the animal spreading disease outside of its kennel and to other dogs.

Although the kennels at the Vola Lawson Animal Shelter have the modern, double sided, guillotine door design, one half of the kennel is outdoors and this outdoor section is not covered and does not provide protection from the elements including rain and snow. To address this problem, staff recommends the installation of Kennel covers. Kennel covers are installed on the outdoor sections of the kennels.

The Virginia Department of Agriculture and Consumer Services (VDACS), Division of Animal and Food Industry Services enforces the rules pertaining to the health, humane care and humane handling of companion animals in the Commonwealth of Virginia including Chapter 110 of the Rules and Regulations Pertaining to a Pound or Enclosure to be Maintained by Each County or City. Section 2VAC5-110-40 of this chapter “Minimum animal housing standards” states, “All kennel buildings and enclosures shall provide adequate protection against weather extremes for each animal.”

City’s Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieves results the community values
- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

TRANSPORTATION AND TRANSIT INFRASTRUCTURE

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Transportation & Transit Infrastructure
Approved FY 2016 – 2025 Capital Improvement Program
Summary of All Projects

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Transportation											
Public Transit											
South Eisenhower Metrorail Station - South Entrance	1,574,229	0	0	0	0	0	0	0	0	0	1,574,229
King Street Metrorail Station Area Improvements	3,700,000	0	0	0	0	0	0	0	0	0	3,700,000
Potomac Yard Metrorail Station	4,000,000	270,000,000	0	0	0	0	0	0	0	0	274,000,000
WMATA Capital Contributions	8,310,000	7,700,000	7,500,000	14,300,000	13,900,000	15,900,000	11,500,000	11,500,000	11,500,000	11,500,000	113,610,000
Van Dorn Metrorail Station Area Imprv.	0	1,500,000	670,000	0	0	0	0	0	0	0	2,170,000
Bus Shelters and Benches	0	0	270,000	0	0	600,000	0	0	0	0	870,000
DASH Bus Fleet Replacements	3,910,000	3,900,000	3,900,000	4,050,000	4,050,000	2,800,000	3,375,000	2,100,000	2,800,000	2,100,000	32,985,000
Hybrid Bus and Trolley Battery Pack Replacement	100,000	150,000	250,000	300,000	350,000	350,000	400,000	500,000	550,000	450,000	3,400,000
DASH Real Time Bus Information System	0	0	0	0	0	0	0	0	0	0	0
DASH NEPP Implementation	0	0	0	0	450,000	750,000	0	0	0	0	1,200,000
Landmark Transit Station	0	0	0	0	0	0	0	600,000	5,400,000	0	6,000,000
FY 2016 - 2025 Public Transit Total	21,594,229	283,250,000	12,590,000	18,650,000	18,750,000	20,400,000	15,275,000	14,700,000	20,250,000	14,050,000	439,509,229
High Capacity Transit Corridors											
Route 1 Transitway - Metroway Construction	0	0	0	0	0	0	0	0	0	0	0
Route 1 Transitway (NEPP)	0	0	0	500,000	500,000	500,000	0	0	0	0	1,500,000
Transit Corridor "A" - Crystal City/Potomac Yard Streetcars	0	0	0	0	0	3,000,000	0	0	0	0	3,000,000
Transit Corridor "C" Transit Priority	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "C" - Beauregard	2,400,000	22,340,000	32,100,000	32,500,000	0	0	0	0	0	0	89,340,000
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	0	0	0	0	210,000	0	2,100,000	2,000,000	15,000,000	0	19,310,000
FY 2016 - 2025 High Capacity Transit Corridors Total	2,400,000	22,340,000	32,100,000	33,000,000	710,000	3,500,000	2,100,000	2,000,000	15,000,000	0	113,150,000

Transportation & Transit Infrastructure
Approved FY 2016 – 2025 Capital Improvement Program
Summary of All Projects

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Non-Motorized Transportation											
Access to Transit	0	0	0	0	0	0	0	0	0	0	0
Edsall and South Pickett Pedestrian Imprv.	325,000	0	0	0	0	0	0	0	0	0	325,000
Wilkes Street Bikeway	0	0	0	0	0	0	0	0	0	0	0
BRAC Neighborhood Protection Plan	0	0	0	0	0	0	0	0	0	0	0
Safe Routes to Schools	0	0	0	0	0	0	0	0	0	0	0
Holmes Run Greenway	0	0	0	0	0	0	0	0	0	0	0
Mt. Vernon Trail @ East Abingdon	100,000	0	0	0	0	0	0	0	0	0	100,000
Capital Bikeshare	0	500,000	693,063	264,250	320,000	350,000	0	0	0	0	2,127,313
Pedestrian & Bicycle Master Plan Update	0	0	0	0	0	0	0	0	0	0	0
Complete Streets	641,000	830,000	830,000	1,170,000	830,000	830,000	830,000	830,000	830,000	830,000	8,451,000
Shared-Use Paths	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Sidewalk Capital Maintenance	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Bicycle Parking at Metro Stations	50,000	500,000	0	100,000	100,000	0	0	0	0	0	750,000
Old Cameron Run Trail	100,000	0	2,095,000	0	0	0	0	0	0	0	2,195,000
Backlick Run Multi-Use Paths	0	0	0	200,000	1,910,000	0	0	0	0	0	2,110,000
Cameron & Prince Bicycle & Pedestrian Facilities	300,000	0	0	0	0	0	0	0	0	0	300,000
Parking Study	0	150,000	0	0	0	0	0	0	0	0	150,000
Van Dorn/Beauregard Bicycle Facilities	0	0	0	250,000	1,269,372	0	0	0	0	0	1,519,372
Transportation Master Plan Update	0	0	500,000	0	0	0	0	0	0	0	500,000
FY 2016 - 2025 Non-Motorized Transportation Total	2,116,000	2,580,000	4,718,063	2,584,250	5,029,372	1,780,000	1,430,000	1,430,000	1,430,000	1,430,000	24,527,685

Transportation & Transit Infrastructure
Approved FY 2016 – 2025 Capital Improvement Program
Summary of All Projects

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Streets & Bridges											
Street Reconstruction & Resurfacing of Major Roads	5,600,000	5,300,000	5,300,000	5,500,000	5,500,000	5,500,000	5,500,000	5,300,000	5,300,000	5,300,000	54,100,000
Bridge Repairs	0	300,000	700,000	300,000	700,000	300,000	700,000	300,000	700,000	300,000	4,300,000
King & Beauregard Intersection Improvements	0	0	0	0	0	0	0	0	0	0	0
Eisenhower Avenue Roadway Improvements	0	0	0	0	0	0	0	0	0	0	0
King/Quaker Lane/Braddock Rd. Intersection	381,500	0	0	0	0	0	0	0	0	0	381,500
Route 1 @ E. Reed Intersection Improvements	0	0	0	0	0	0	0	0	0	0	0
Seminary Road at Beauregard Street Ellipse	0	0	3,500,000	16,200,000	16,700,000	0	0	0	0	0	36,400,000
Madison & Montgomery Reconstruction	0	0	0	0	0	0	0	0	0	0	0
Duke Street Reconstruction	1,200,000	0	0	0	0	0	0	0	0	0	1,200,000
East Glebe & Route 1	0	0	0	3,000,000	0	0	0	0	0	0	3,000,000
City Standard Construction Specifications	200,000	0	0	0	0	0	0	0	0	0	200,000
High Street Construction	0	0	0	0	0	0	0	500,000	0	0	500,000
Van Dorn Metro Multimodal Bridge	0	0	0	0	0	0	0	500,000	0	0	500,000
FY 2016 - 2025 Streets & Bridges Total	7,381,500	5,600,000	9,500,000	25,000,000	22,900,000	5,800,000	6,200,000	6,600,000	6,000,000	5,600,000	100,581,500
Fixed Transportation Equipment											
Fixed Transportation Equipment	850,000	850,000	1,450,000	850,000	850,000	850,000	850,000	2,350,000	850,000	850,000	10,600,000
Traffic Control Upgrade	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Intelligent Transportation Systems (ITS) Integration	0	1,918,063	0	0	0	0	0	0	0	0	1,918,063
Citywide Transportation Management System (SCOOT/TDi)	0	0	0	0	0	0	0	0	0	0	0
Transportation Technologies	250,000	175,000	0	0	250,000	0	250,000	0	250,000	0	1,175,000
Parking Technologies	0	0	110,000	200,000	0	500,000	0	0	0	0	810,000
FY 2016 - 2025 Fixed Transportation Equipment Total	1,200,000	3,043,063	1,660,000	1,150,000	1,200,000	1,450,000	1,200,000	2,450,000	1,200,000	950,000	15,503,063

Transportation & Transit Infrastructure
Approved FY 2016 – 2025 Capital Improvement Program
Funding Sources with Projects

Note: Excludes active capital projects that do not require additonal resources the FY 2016 -2025 CIP.

Funding Source/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	**TOTAL FY 16 - 25**
Cash Capital											
Bridge Repairs	0	225,000	175,000	75,000	125,000	75,000	175,000	75,000	175,000	75,000	1,175,000
City Standard Construction Specifications	100,000	0	0	0	0	0	0	0	0	0	100,000
Complete Streets	441,000	630,000	630,000	630,000	430,000	430,000	430,000	430,000	430,000	430,000	4,911,000
Fixed Transportation Equipment	225,000	225,000	425,000	225,000	225,000	225,000	225,000	575,000	325,000	325,000	3,000,000
Hybrid Bus and Trolley Battery Pack Replacement	100,000	150,000	250,000	300,000	350,000	350,000	400,000	500,000	550,000	450,000	3,400,000
Shared-Use Paths	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Sidewalk Capital Maintenance	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Street Reconstruction & Resurfacing of Major Roads	2,575,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	2,000,000	2,000,000	10,075,000
Traffic Control Upgrade	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Cash Capital Total	4,141,000	2,430,000	2,680,000	2,430,000	2,330,000	2,280,000	2,430,000	2,780,000	4,180,000	3,980,000	29,661,000
CMAQ/RSTP											
Backlick Run Multi-Use Paths	0	0	0	200,000	1,910,000	0	0	0	0	0	2,110,000
Bicycle Parking at Metro Stations	50,000	500,000	0	100,000	100,000	0	0	0	0	0	750,000
Bus Shelters and Benches	0	0	270,000	0	0	600,000	0	0	0	0	870,000
Capital Bikeshare	0	500,000	693,063	264,250	320,000	350,000	0	0	0	0	2,127,313
Complete Streets	0	0	0	340,000	0	0	0	0	0	0	340,000
DASH NEPP Implementation	0	0	0	0	450,000	750,000	0	0	0	0	1,200,000
Intelligent Transportation Systems (ITS) Integration	0	1,918,063	0	0	0	0	0	0	0	0	1,918,063
Old Cameron Run Trail	0	0	2,095,000	0	0	0	0	0	0	0	2,095,000
Parking Technologies	0	0	110,000	200,000	0	500,000	0	0	0	0	810,000
Route 1 Transitway (NEPP)	0	0	0	500,000	500,000	500,000	0	0	0	0	1,500,000
Transportation Master Plan Update	0	0	500,000	0	0	0	0	0	0	0	500,000
Van Dorn Metrorail Station Area Imprv.	0	0	670,000	0	0	0	0	0	0	0	670,000
Van Dorn/Beauregard Bicycle Facilities	0	0	0	250,000	1,269,372	0	0	0	0	0	1,519,372
CMAQ/RSTP Total	50,000	2,918,063	4,338,063	1,854,250	4,549,372	2,700,000	0	0	0	0	16,409,748
FTA Grant											
South Eisenhower Metrorail Station - South Entrance	1,574,229	0	0	0	0	0	0	0	0	0	1,574,229
FTA Grant Total	1,574,229	0	0	0	0	0	0	0	0	0	1,574,229

Transportation & Transit Infrastructure
Approved FY 2016 – 2025 Capital Improvement Program
Funding Sources with Projects

Note: Excludes active capital projects that do not require additonal resources the FY 2016 -2025 CIP.

Funding Source/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	**TOTAL FY 16 - 25**
GO Bonds											
Bridge Repairs	0	75,000	525,000	225,000	575,000	225,000	525,000	225,000	525,000	225,000	3,125,000
Complete Streets	200,000	200,000	200,000	200,000	400,000	400,000	400,000	400,000	400,000	400,000	3,200,000
DASH Bus Fleet Replacements	0	0	650,000	0	675,000	675,000	675,000	700,000	700,000	700,000	4,775,000
Fixed Transportation Equipment	625,000	625,000	1,025,000	625,000	625,000	625,000	625,000	1,775,000	525,000	525,000	7,600,000
Street Reconstruction & Resurfacing of Major Roads	175,000	3,300,000	3,300,000	3,500,000	3,500,000	3,500,000	3,500,000	2,300,000	800,000	800,000	24,675,000
WMATA Capital Contributions	6,250,000	4,950,000	5,000,000	12,550,000	11,900,000	14,150,000	9,750,000	9,250,000	9,500,000	9,200,000	92,500,000
GO Bonds Total	7,250,000	9,150,000	10,700,000	17,100,000	17,675,000	19,575,000	15,475,000	14,650,000	12,450,000	11,850,000	135,875,000
GO Bonds - Potomac Yard											
Potomac Yard Metrorail Station	0	154,000,000	0	0	0	0	0	0	0	0	154,000,000
GO Bonds - Potomac Yard Total	0	154,000,000	0	0	0	0	0	0	0	0	154,000,000
NVTA - 30%											
Cameron & Prince Bicycle & Pedestrian Facilities	300,000	0	0	0	0	0	0	0	0	0	300,000
DASH Bus Fleet Replacements	3,250,000	3,250,000	3,250,000	4,050,000	3,375,000	2,125,000	2,700,000	1,400,000	2,100,000	1,400,000	26,900,000
Van Dorn Metrorail Station Area Imprv.	0	425,000	0	0	0	0	0	0	0	0	425,000
WMATA Capital Contributions	600,000	650,000	1,750,000	1,000,000	1,500,000	650,000	1,500,000	2,250,000	2,000,000	2,300,000	14,200,000
NVTA - 30% Total	4,150,000	4,325,000	5,000,000	5,050,000	4,875,000	2,775,000	4,200,000	3,650,000	4,100,000	3,700,000	41,825,000
NVTA - 70%											
Landmark Transit Station	0	0	0	0	0	0	0	600,000	5,400,000	0	6,000,000
Potomac Yard Metrorail Station	1,000,000	66,000,000	0	0	0	0	0	0	0	0	67,000,000
Transit Corridor "A" - Crystal City/Potomac Yard Streetcars	0	0	0	0	0	3,000,000	0	0	0	0	3,000,000
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	0	0	0	0	210,000	0	2,100,000	2,000,000	15,000,000	0	19,310,000
Transit Corridor "C" - Beauregard	2,400,000	19,740,000	20,000,000	20,000,000	0	0	0	0	0	0	62,140,000
NVTA - 70% Total	3,400,000	85,740,000	20,000,000	20,000,000	210,000	3,000,000	2,100,000	2,600,000	20,400,000	0	157,450,000
Potomac Yard Special Tax District											
Potomac Yard Metrorail Station	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
Potomac Yard Special Tax District Total	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
Prior Year/Close-Out (City)											
DASH Bus Fleet Replacements	0	650,000	0	0	0	0	0	0	0	0	650,000
Duke Street Reconstruction	600,000	0	0	0	0	0	0	0	0	0	600,000
Street Reconstruction & Resurfacing of Major Roads	975,000	0	0	0	0	0	0	0	0	0	975,000
WMATA Capital Contributions	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000
Prior Year/Close-Out (City) Total	1,575,000	1,650,000	0	0	0	0	0	0	0	0	3,225,000

Transportation & Transit Infrastructure
Approved FY 2016 – 2025 Capital Improvement Program
Funding Sources with Projects

Note: Excludes active capital projects that do not require additonal resources the FY 2016 -2025 CIP.

Funding Source/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	**TOTAL FY 16 - 25**
Private Capital Contributions											
East Glebe & Route 1	0	0	0	3,000,000	0	0	0	0	0	0	3,000,000
King/Quaker Lane/Braddock Rd. Intersection	381,500	0	0	0	0	0	0	0	0	0	381,500
Seminary Road at Beauregard Street Ellipse	0	0	3,500,000	16,200,000	16,700,000	0	0	0	0	0	36,400,000
Transit Corridor "C" - Beauregard	0	2,600,000	12,100,000	12,500,000	0	0	0	0	0	0	27,200,000
Private Capital Contributions Total	381,500	2,600,000	15,600,000	31,700,000	16,700,000	0	0	0	0	0	66,981,500
Reprogrammed TIP Bonds											
DASH Bus Fleet Replacements	660,000	0	0	0	0	0	0	0	0	0	660,000
Duke Street Reconstruction	75,000	0	0	0	0		0	0	0	0	75,000
King Street Metrorail Station Area Improvements	1,225,000	0	0	0	0	0	0	0	0	0	1,225,000
Mt. Vernon Trail @ East Abingdon	85,000	0	0	0	0	0	0	0	0	0	85,000
Old Cameron Run Trail	100,000	0	0	0	0	0	0	0	0	0	100,000
Transportation Technologies	115,000	0	0	0	0	0	0	0	0	0	115,000
Van Dorn Metrorail Station Area Imprv.	0	750,000	0	0	0	0	0	0	0	0	750,000
WMATA Capital Contributions	1,460,000	0	0	0	0	0	0	0	0	0	1,460,000
Reprogrammed TIP Bonds Total	3,720,000	750,000	0	0	0	0	0	0	0	0	4,470,000
Reprogrammed TIP Cash											
King Street Metrorail Station Area Improvements	150,000	0	0	0	0	0	0	0	0	0	150,000
Van Dorn Metrorail Station Area Imprv.	0	325,000	0	0	0	0	0	0	0	0	325,000
Reprogrammed TIP Cash Total	150,000	325,000	0	0	0	0	0	0	0	0	475,000
Reprogrammed VDOT Funds											
Edsall and South Pickett Pedestrian Imprv.	325,000	0	0	0	0	0	0	0	0	0	325,000
King Street Metrorail Station Area Improvements	2,325,000	0	0	0	0	0	0	0	0	0	2,325,000
Reprogrammed VDOT Funds Total	2,650,000	0	0	0	0	0	0	0	0	0	2,650,000
Sanitary Sewer Fees											
City Standard Construction Specifications	50,000	0	0	0	0	0	0	0	0	0	50,000
Sanitary Sewer Fees Total	50,000	0	0	0	0	0	0	0	0	0	50,000

Transportation & Transit Infrastructure
Approved FY 2016 – 2025 Capital Improvement Program
Funding Sources with Projects

Note: Excludes active capital projects that do not require additonal resources the FY 2016 -2025 CIP.

Funding Source/CIP Section/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	**TOTAL FY 16 - 25**
State Revenue Sharing											
Duke Street Reconstruction	525,000	0	0	0	0	0	0	0	0	0	525,000
Street Reconstruction & Resurfacing of Major Roads	1,875,000	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	15,375,000
State Revenue Sharing Total	2,400,000	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	15,900,000
TIP - Cash											
City Standard Construction Specifications	50,000	0	0	0	0	0	0	0	0	0	50,000
High Street Construction	0	0	0	0	0	0	0	500,000	0	0	500,000
Mt. Vernon Trail @ East Abingdon	15,000	0	0	0	0	0	0	0	0	0	15,000
Parking Study	0	150,000	0	0	0	0	0	0	0	0	150,000
Street Reconstruction & Resurfacing of Major Roads	0	0	0	0	0	0	0	1,000,000	1,000,000	1,000,000	3,000,000
Transportation Technologies	135,000	175,000	0	0	250,000	0	250,000	0	250,000	0	1,060,000
Van Dorn Metro Multimodal Bridge	0	0	0	0	0	0	0	500,000	0	0	500,000
WMATA Capital Contributions	0	1,100,000	750,000	750,000	500,000	1,100,000	250,000	0	0	0	4,450,000
TIP - Cash Total	200,000	1,425,000	750,000	750,000	750,000	1,100,000	500,000	2,000,000	1,250,000	1,000,000	9,725,000
Virginia Transportation Infrastructure Bank (VTIB)											
Potomac Yard Metrorail Station	0	50,000,000	0	0	0	0	0	0	0	0	50,000,000
Virginia Transportation Infrastructure Bank (VTIB) Total	0	50,000,000	0	0	0	0	0	0	0	0	50,000,000
Total Approved FY 2016-2025	34,691,729	316,813,063	60,568,063	80,384,250	48,589,372	32,930,000	26,205,000	27,180,000	43,880,000	22,030,000	693,271,477

Transportation Improvement Program (TIP)
Approved FY 2016 – FY 2025 Sources & 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.

Details of Revenues

Transportation Improvement Program (TIP) Revenues	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 16-FY25
TIP Reserved Real Estate Tax Rate	$7,916,284	$8,153,773	$8,418,770	$8,692,380	$8,979,229	$9,293,502	$9,618,775	$9,955,432	$10,303,872	$10,664,507	$91,996,524
TIP Cash Capital	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TIP Cash Reprogrammed from Prior Years	$150,000	$325,000	$0	$0	$0	$0	$0	$0	$0	$0	$475,000
TIP General Obligation Bonds	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TIP General Obligation Bonds Reprogrammed from Prior Years	$4,650,000	$750,000	$0	$0	$0	$0	$0	$0	$0	$0	$5,400,000
Fund Balance Carryover	$0	$0	$185,985	$263,991	$224,294	$403,550	$120,589	$666,122	-$40,453	$274,451	$0
Total TIP Revenues	$12,716,284	$9,228,773	$8,604,756	$8,956,371	$9,203,523	$9,697,052	$9,739,364	$10,621,554	$10,263,419	$10,938,958	$97,871,524

Summary of Operating Expenditures, Debt Service and Capital Projects

Transportation Improvement Program Expenditure Overview	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 16-FY25
TIP Operating (Current + Expanded)	$4,249,977	$4,033,322	$4,098,808	$4,507,628	$4,593,033	$5,037,031	$5,151,319	$5,257,592	$5,353,811	$5,454,135	$47,736,657
TIP Operating - WMATA (Added FY 2016)	$2,910,000	$1,910,000	$2,910,000	$2,910,000	$2,910,000	$2,910,000	$2,910,000	$2,910,000	$2,910,000	$2,910,000	$28,100,000
TIP Capital Projects	$5,000,000	$2,500,000	$750,000	$750,000	$750,000	$1,100,000	$500,000	$2,000,000	$1,250,000	$1,000,000	$15,600,000
TIP Debt Service (2013 $6.75M Bond Issuance)	$556,307	$599,466	$581,957	$564,449	$546,940	$529,432	$511,923	$494,415	$475,156	$457,735	$5,317,780
Total TIP Expenditures	$12,716,284	$9,042,788	$8,340,765	$8,732,077	$8,799,973	$9,576,463	$9,073,242	$10,662,007	$9,988,967	$9,821,870	$96,754,437

Details of Operating Expenditures and Debt Service (Continued)

Transportation Improvement Program (TIP) Projects (Base Operating Beginning FY 2015)	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 16-FY25
Capital Bikeshare (Phases I & II)	$190,000	$192,850	$195,743	$198,679	$201,659	$204,684	$207,754	$210,871	$214,034	$217,244	$2,033,517
Bus Shelter Maintenance	$142,100	$144,232	$146,395	$148,591	$150,820	$153,082	$155,378	$157,709	$160,075	$162,476	$1,520,857
Street Repair Budget	$710,500	$721,158	$731,975	$742,954	$754,099	$765,410	$776,891	$788,545	$800,373	$812,379	$7,604,284
DASH Expansion (AT 6, AT8, AT9 expansion implemented)	$1,608,000	$1,632,120	$1,656,602	$1,681,451	$1,706,673	$1,732,273	$1,758,257	$1,784,631	$1,811,400	$1,838,571	$17,209,976
Expanded Trolley Operations	$200,850	$203,863	$206,921	$210,025	$213,175	$216,372	$219,618	$222,912	$226,256	$229,650	$2,149,642
Transportation Implementation Staff - T&ES Positions	$203,000	$209,090	$215,363	$221,824	$228,478	$235,333	$242,393	$249,664	$257,154	$264,869	$2,327,168
Transportation Implementation Staff - DPI Positions	$409,807	$422,101	$434,764	$447,807	$461,241	$475,079	$489,331	$504,011	$519,131	$534,705	$4,697,978
Transportation Improvement Progam - Indirect Costs to G/F	$449,826	$256,738	$264,440	$272,373	$280,544	$288,961	$297,629	$306,558	$315,755	$325,228	$3,058,053
Urban Planner III (T&ES G/F) & 0.5 Wayfinding	$175,894	$181,171	$186,606	$192,204	$197,970	$203,909	$210,027	$216,327	$222,817	$229,502	$2,016,428

Transportation Improvement Program (TIP)
Approved FY 2016 – FY 2025 Sources & Uses

Transportation Improvement Program (TIP) Projects (Expanded Operating - FY 2016 & Beyond)	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 16-FY25
Capital Bikeshare Expansion Operations (Phase III)	$160,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$160,000
DASH Expansion (AT 1 peak improvements)	$0	$0	$0	$319,921	$324,720	$329,591	$334,534	$339,552	$344,646	$349,815	$2,342,780
DASH Bus Future Expansion (AT8 and AT1 Weekend Headways)	$0	$0	$0	$0	$0	$346,774	$351,976	$357,255	$362,614	$368,053	$1,786,672
Trail Maintenance	$0	$0	$0	$10,000	$10,000	$20,000	$40,000	$50,000	$50,000	$50,000	$230,000
King Street Station Operations	$0	$70,000	$60,000	$61,800	$63,654	$65,564	$67,531	$69,556	$69,556	$71,643	$599,304
TIP Operating Costs (Current + Expanded)	$4,249,977	$4,033,322	$4,098,808	$4,507,628	$4,593,033	$5,037,031	$5,151,319	$5,257,592	$5,353,811	$5,454,135	$47,736,658
WMATA Operating Costs	$2,910,000	$1,910,000	$2,910,000	$2,910,000	$2,910,000	$2,910,000	$2,910,000	$2,910,000	$2,910,000	$2,910,000	$28,100,000
TIP Debt Service	$556,307	$599,466	$581,957	$564,449	$546,940	$529,432	$511,923	$494,415	$475,156	$457,735	$5,317,780

Details of Capital Projects

Transportation Improvement Program (TIP) Projects Subsection/Project	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 16-FY25
High Capacity Transit Corridors											
N/A	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Public Transit											
DASH Bus Fleet Replacements (TIP Bonds)	$660,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$660,000
King Street Metrorail Station Area (TIP Bonds)	$1,225,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,225,000
King Street Metrorail Station Area (Reprogrammed TIP Cash)	$150,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$150,000
Van Dorn Metrorail Station Area Improv. (TIP Bonds)	$0	$750,000	$0	0	$0	$0	$0	$0	$0	$0	$750,000
Van Dorn Metrorail Station Area Improv. (Reprogrammed TIP Cash)	$0	$325,000	$0	0	$0	$0	$0	$0	$0	$0	$325,000
WMATA Capital Contributions (TIP Bonds)	$1,460,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,460,000
WMATA Capital Contributions (TIP Cash)	$0	$1,100,000	$750,000	$750,000	$500,000	$1,100,000	$250,000	$0	$0	$0	$4,450,000
Streets & Bridges											
Street Reconstruction & Resurfacing/Major Rd. (TIP Cash)	$0	$0	$0	$0	$0	$0	$0	$1,000,000	$1,000,000	$1,000,000	$3,000,000
Duke Street Reconstruction (TIP Bonds)	$75,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$75,000
High Street Construction (TIP Cash)	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$0	$500,000
City Standard Construction Specifications (TIP Cash)	$50,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$50,000
Non-Motorized Transportation											
Parking Ratio Study (TIP Cash)	$0	$150,000	$0	$0	$0	$0	$0	$0	$0	$0	$150,000
Old Cameron Run Trail (TIP Bonds)	$100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$100,000
Van Dorn Multimodal Bridge (TIP Cash)	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$0	$500,000
Mt. Vernon Trail @ East Abingdon (TIP Bonds)	$15,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$15,000
Mt. Vernon Trail @ East Abingdon (TIP Cash)	$85,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$85,000
Fixed Transportation Equipment											
Transportation Technologies (TIP Cash)	$135,000	$175,000	$0	$0	$250,000	$0	$250,000	$0	$250,000	$0	$1,060,000
Transportation Technologies (TIP Bonds)	$115,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$115,000
City Council Contingency											
Council Contingency for Trans. Commission Priorities (TIP Bonds)	$930,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$930,000
Total CIP Transportation Improvement Program	$5,000,000	$2,500,000	$750,000	$750,000	$750,000	$1,100,000	$500,000	$2,000,000	$1,250,000	$1,000,000	$15,600,000

Northern Virginia Transportation Authority (NVTA) – 30% Funds
Approved FY 2016 – 2025 Sources and Uses
Revenues, Operating Expenditures, and Capital Projects

Revenues/Expenditures	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 16 - 25
Revenues											
NVTA 30%	$6,500,000	$6,565,000	$6,630,650	$6,696,957	$6,763,926	$6,831,565	$6,899,881	$6,968,880	$7,038,569	$7,108,954	$68,004,382
Reprogram Seminary Road/Ellipse FY 2015 Funding	$0	$425,000	$0	$0	$0	$0	$0	$0	$0	$0	$425,000
Fund Balance Carryover	$0	$350,000	$442,000	$499,650	$573,607	$389,533	$473,098	$39,979	$225,859	$31,427	
Subtotal, Available Revenue	$6,500,000	$7,340,000	$7,072,650	$7,196,607	$7,337,533	$7,221,098	$7,372,979	$7,008,859	$7,264,427	$7,140,382	$68,429,382
Capital Details											
Cameron & Prince Bicycle Facilities	$300,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$300,000
DASH Bus Fleet Replacements	$3,250,000	$3,250,000	$3,250,000	$4,050,000	$3,375,000	$2,125,000	$2,700,000	$1,400,000	$2,100,000	$1,400,000	$26,900,000
Van Dorn Metrorail Station Improvements	$0	$425,000	$0	$0	$0	$0	$0	$0	$0	$0	$425,000
WMATA Capital Contributions	$600,000	$650,000	$1,750,000	$1,000,000	$1,500,000	$650,000	$1,500,000	$2,250,000	$2,000,000	$2,300,000	$14,200,000
Subtotal, Capital Projects	$4,150,000	$4,325,000	$5,000,000	$5,050,000	$4,875,000	$2,775,000	$4,200,000	$3,650,000	$4,100,000	$3,700,000	$41,825,000
Operating Details											
Route 1 Metroway Operations	$2,000,000	$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	$16,157,000
Additional WMATA Subsidy (Base Ops)	$0	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Transit Corridor "C" - Beauregard Operations	$0	$0	$0	$0	$500,000	$2,400,000	$1,560,000	$1,560,000	$1,560,000	$1,560,000	$9,140,000
Subtotal, Operating	$2,000,000	$2,573,000	$1,573,000	$1,573,000	$2,073,000	$3,973,000	$3,133,000	$3,133,000	$3,133,000	$3,133,000	$26,297,000
Total, Operating & Capital	$6,150,000	$6,898,000	$6,573,000	$6,623,000	$6,948,000	$6,748,000	$7,333,000	$6,783,000	$7,233,000	$6,833,000	$68,122,000

PUBLIC TRANSIT

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Public Transit
Approved FY 2016 - 2025 Capital Improvement Program
Summary of Projects

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Transportation											
Public Transit											
South Eisenhower Metrorail Station - South Entrance	1,574,229	0	0	0	0	0	0	0	0	0	1,574,229
King Street Metrorail Station Area Improvements	3,700,000	0	0	0	0	0	0	0	0	0	3,700,000
Potomac Yard Metrorail Station	4,000,000	270,000,000	0	0	0	0	0	0	0	0	274,000,000
WMATA Capital Contributions	8,310,000	7,700,000	7,500,000	14,300,000	13,900,000	15,900,000	11,500,000	11,500,000	11,500,000	11,500,000	113,610,000
Van Dorn Metrorail Station Area Imprv.	0	1,500,000	670,000	0	0	0	0	0	0	0	2,170,000
Bus Shelters and Benches	0	0	270,000	0	0	600,000	0	0	0	0	870,000
DASH Bus Fleet Replacements	3,910,000	3,900,000	3,900,000	4,050,000	4,050,000	2,800,000	3,375,000	2,100,000	2,800,000	2,100,000	32,985,000
Hybrid Bus and Trolley Battery Pack Replacement	100,000	150,000	250,000	300,000	350,000	350,000	400,000	500,000	550,000	450,000	3,400,000
DASH Real Time Bus Information System	0	0	0	0	0	0	0	0	0	0	0
DASH NEPP Implementation	0	0	0	0	450,000	750,000	0	0	0	0	1,200,000
Landmark Transit Station	0	0	0	0	0	0	0	600,000	5,400,000	0	6,000,000
FY 2016 - 2025 Public Transit Total	21,594,229	283,250,000	12,590,000	18,650,000	18,750,000	20,400,000	15,275,000	14,700,000	20,250,000	14,050,000	439,509,229

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South Eisenhower Metrorail Station – South Entrance

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: 50411788

Project Location: 2400 Eisenhower Ave. (Eisenhower Ave. Metro Station)
Reporting Area: Eisenhower East
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 30 years

South Eisenhower Metrorail Station - South Entrance													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	6,316,314	*4,742,085*	1,574,229	0	0	0	0	0	0	0	0	0	1,574,229
Financing Plan													
Prior City Funding	42,000	*42,000*	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants (FTA)	5,924,314	*4,350,085*	1,574,229	0	0	0	0	0	0	0	0	0	1,574,229
Private Capital Contributions	350,000	*350,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	6,316,314	*4,742,085*	1,574,229	0	0	0	0	0	0	0	0	0	1,574,229
Additional Operating Impact													
Annual Impact			0	0	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448	133,385
Cumulative Impact			0	0	15,000	30,450	46,364	62,754	79,637	97,026	114,937	133,385	133,385

Changes from Prior Year CIP: Prior year funding previously allocated to the cancelled North Eisenhower Metrorail Station project was moved to this project in FY 2016 with FTA approval.

Project Description & Justification

In the spring of 2003, the City of Alexandria approved a small area plan which guides development in the area known as East Eisenhower. The plan calls for significant amounts of high density development within a short distance of the Eisenhower Metrorail station. To permit large mixed-use development in this area, new streets must be built, utilities relocated, and the existing Eisenhower Metrorail station entrance is approved to be modified to accommodate the development. The City of Alexandria has an agreement with adjacent developers and WMATA that addresses improvements at the Eisenhower Metrorail station and the release of land for development. The City has committed to making several improvements, including renovation of the bus loop, relocation of transit services, design and construction of an attractive pedestrian plaza in front of the station, canopies for rider shelter, and real-time bus information displays.

This project has been through an extensive planning process, which examined several alternatives to various aspects of the project. The design of the pedestrian plaza is now complete. The City, WMATA, and the developers are finalizing the Memorandum of Understanding (MOU), which must be signed before the project can move to the construction phase.

Based on cost estimates for the City's portion, this project is fully funded, primarily through grant funding totaling $5.92 million of the $6.32 million total project costs. Private (development) capital contributions will also contribute $350,000 of the total project budget.

Once complete, the level of service at the Eisenhower Avenue Metrorail Station will be enhanced by providing pedestrian friendly facilities, while improving transportation infrastructure for more efficient transit operations.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Ensure Alexandria supports, retains, and attracts businesses

External or Internal Adopted Plan or Recommendation

- Eisenhower East Small Area Plan approved by City Council, March 2003

Additional Operating Budget Impact

Maintenance of the pedestrian plaza is estimated to require $15,000 annually in FY 2018 dollars, increased by inflation thereafter.

King Street Metrorail Station Area Improvements

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): Planning & Zoning
ORG: 51411845

Project Location: 1900 King Street (King Street Metro)
Reporting Area: King Street Metro/Eisenhower Ave.
Project Category: 3 – New Facilities
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	11,695,878	*7,995,878*	3,700,000	0	0	0	0	0	0	0	0	0	3,700,000
Financing Plan													
TIP - Cash	2,400,000	*2,400,000*	0	0	0	0	0	0	0	0	0	0	0
Reprogrammed TIP Cash	150,000	*0*	150,000	0	0	0	0	0	0	0	0	0	150,000
Reprogramemed TIP Bonds	1,225,000	*0*	1,225,000	0	0	0	0	0	0	0	0	0	1,225,000
Prior Year State/Federal Grants	5,595,878	*5,595,878*	0	0	0	0	0	0	0	0	0	0	0
Reprogrammed VDOT Funds	2,325,000	*0*	2,325,000	0	0	0	0	0	0	0	0	0	2,325,000
Total Financing Plan	11,695,878	*7,995,878*	3,700,000	0	0	0	0	0	0	0	0	0	3,700,000
Additional Operating Impact													
Annual Impact			0	70,000	60,000	61,800	63,654	65,564	67,531	69,556	71,643	73,792	603,540
Cumulative Impact			0	70,000	130,000	191,800	255,454	321,018	388,548	458,105	529,748	603,540	603,540

Changes from Prior Year CIP: In FY 2016, $3.7 million in VDOT grants and prior year TIP proceeds are added to this project to fully fund the increased costs of improvements at the King Street Metro Station.

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. Initiatives to be completed 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 segregate 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.

A 95% design plan has been developed. The project has been approved by the Transportation Commission, City Council, and Planning Commission. The project is currently going through the final design process.

Total project funding of $11.7 million includes $7.9 million in grant funding and $3.8 million in Transportation Improvement Program (TIP) funding. The project has seen some changes from the original overall cost based on WMATA project management costs, unexpected utility conflicts, grading, and a pedestrian walkway needed for the site.

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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Ensure Alexandria supports, retains, and attracts businesses

External or Internal Adopted Plan or Recommendation

- FY 2016 Budget Memo #11 – "Response to Council Questions" – *King Street Metrorail Station*
- King Street Metrorail Station Renovation approved by Transportation Commission March 2012, City Council March 2012, and the Planning Commission May 2012

Additional Operating Budget Impact

The City will take over the maintenance of the property to provide an enhanced level of service and will spend approximately $60,000 a year beginning in FY 2018, increased for inflation thereafter. FY 2017 costs are $70,000 and include one-time equipment costs. All additional operating costs are planned to be paid with TIP proceeds.

Potomac Yard Metrorail Station

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): Planning & Zoning, Dept. of Project Implementation
ORG: 50411784, 50412199

Project Location: North of Potomac Greens (exact location TBD)
Reporting Area: S. Potomac Yard, N. Potomac Yard, Potomac Greens
Project Category: 3 – New Facilities
Estimated Useful Life: 40 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	285,864,325	*11,864,325*	4,000,000	270,000,000	0	0	0	0	0	0	0	0	274,000,000
Financing Plan													
PY Special Tax District Rev.	10,225,000	*7,225,000*	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
GO Bonds - Potomac Yard	154,000,000	*0*	0	154,000,000	0	0	0	0	0	0	0	0	154,000,000
VTIB State Loan	50,000,000	*0*	0	50,000,000	0	0	0	0	0	0	0	0	50,000,000
NVTA 70%	69,500,000	*2,500,000*	1,000,000	66,000,000	0	0	0	0	0	0	0	0	67,000,000
State Grants	1,000,000	*1,000,000*	0	0	0	0	0	0	0	0	0	0	0
WMATA Credits	1,139,325	*1,139,325*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	285,864,325	*11,864,325*	4,000,000	270,000,000	0	0	0	0	0	0	0	0	274,000,000
Additional Operating Impact													
Annual Impact			0	0	0	695,000	1,431,700	1,474,651	1,518,891	1,564,457	1,611,391	1,659,733	9,955,822
Cumulative Impact			0	0	0	695,000	2,126,700	3,601,351	5,120,242	6,684,699	8,296,090	9,955,822	9,955,822

Changes from Prior Year CIP: The award of the VTIB loan to the City for the Metrorail Station construction reduces the anticipated amount of GO Bonds required from $204.0 million in last year's CIP to $154.0 million. There are no changes to total estimated project funding or project timing.

Project Description & Justification

This project provides for studies, planning, and construction of a new Metrorail infill station at Potomac Yard. At this time, the station is in the Environmental Impact Statement (EIS) phase. In December 2010, City Council approved the Tier I Special Services Tax District for Land Bay F, G, and H and the multi-family portion of Land Bay I. A new Metrorail station was included as part of the North Potomac Yard Small Area Plan, approved in June 2010. The Potomac Yard Metrorail Station Concept Development Study was completed in February 2010. In 2011, City Council approved a Tier I tax rate of 20-cents to be levied starting in 2011 and approved a Tier II Tax District (Land Bays I and J) with a 10-cent levy to be initiated in the calendar year after the Metrorail Station opens.

The City of Alexandria is the project sponsor of the Environmental Impact Statement (EIS) managed by WMATA. WMATA's process includes technical and environmental analyses as well as public involvement. Project development is subject to the requirements of the National Environmental Policy Act (NEPA) and Section 4(f) of the Department of Transportation Act. City Council chose Alternative B as the Locally Preferred Alternative on May 20, 2015. The Final EIS is expected to be complete by the end of calendar year 2015 with the Federal Transit Administration Record of Decision expected in early 2016. Alternative B has been estimated to cost $268.0 million, including the current planning phase, preliminary engineering, and preparation of the design-build bid package.

(Continued on next page)

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 1 – Economic Development

Focus Area: Livable, Green, and Prospering City

- Increase the value of the real estate tax base
- Ensure Alexandria supports, retains, and attracts businesses
- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Improve the City's air quality

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

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 Budget Impact

(See next page)

Potomac Yard Metrorail Station (Continued)

Project Description and Justification (Continued)

The City prepared an updated financial feasibility analysis in spring 2015 that evaluated the city's ability to finance the station using only local shares. The sources included net new tax revenues from Potomac Yard, Special Services Tax Districts, developer contributions, $69.5 million from the Northern Virginia Transportation Authority ($3.5 million of which has been secured), and a $50 million Virginia Transportation Infrastructure Bank (VTIB) loan that was awarded to the City by the Commonwealth Transportation Board in January 2015. The analysis showed that Alternative B is financially feasible. In addition to the sources included in the financial feasibility analysis, the City has applied for a $50 million grant through the Federal TIGER program, and is exploring a Federal Transportation Infrastructure Finance and Innovation Act (TIFIA) loan for up to 50% of eligible project costs.

The financial risk to the City will be carefully structured and managed. The projected "gap" between the anticipated tax revenues from the special tax district, per square foot developer contributions, plus additional incremental net new revenues generated by the project, will need to be "bridged" in the early years of the City bond and VTIB State loan financing by capitalizing interest during construction. Upfront developer guarantees, so based on projections there would be no negative cash impact on the City's General Fund in any given year have been pledged. The actual decision on when to authorize the issuance of City bonds for the station's construction would be made based on factors such as the to-be-determined station cost, outside funding sources, interest rates, as well as development progress in Potomac Yard which needs to generate substantial new tax revenues to cover debt service.

Debt service payments would be funded through developer contributions, net new tax revenues generated in Potomac Yard, and Potomac Yard Special Services Tax District levies. There will be no impact to the City's General Fund.

The financing plan depicted on the prior page assumes the City will be successful in obtaining NVTA 70% funding. If NVTA funding is not obtained, or is less than $69.5 million, then the General Obligation Bond amount would likely need to be increased.

Additional Operating Impact

A new Metrorail station will increase the City's operating subsidy to WMATA by approximately $1.4 million per year. FY 2019 includes only one-half year of operating costs. Additionally, maintenance costs associated with City maintained infrastructure will need to be determined once the final design is completed.

WMATA Capital Contributions

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): Office of Management & Budget
ORG: 50021773

Project Location: Regional
Reporting Area: Regional
Project Category: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	209,299,579	*95,689,579*	8,310,000	7,700,000	7,500,000	14,300,000	13,900,000	15,900,000	11,500,000	11,500,000	11,500,000	11,500,000	113,610,000
Financing Plan													
Prior City Funding	93,189,579	*93,189,579*	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	92,500,000	*0*	6,250,000	4,950,000	5,000,000	12,550,000	11,900,000	14,150,000	9,750,000	9,250,000	9,500,000	9,200,000	92,500,000
Prior Year City WMATA Bal.	1,000,000	*0*	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000
NVTA 30%	16,700,000	*2,500,000*	600,000	650,000	1,750,000	1,000,000	1,500,000	650,000	1,500,000	2,250,000	2,000,000	2,300,000	14,200,000
TIP - Cash	4,450,000	*0*	0	1,100,000	750,000	750,000	500,000	1,100,000	250,000	0	0	0	4,450,000
Reprogrammed TIP Bonds	1,460,000	*0*	1,460,000	0	0	0	0	0	0	0	0	0	1,460,000
Total Financing Plan	209,299,579	*95,689,579*	8,310,000	7,700,000	7,500,000	14,300,000	13,900,000	15,900,000	11,500,000	11,500,000	11,500,000	11,500,000	113,610,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Based on the Proposed WMATA CIP, total funding for WMATA capital infrastructure improvements including those associated with Metro 2025 increase approximately $60 million dollars over last year's City Council approved ten-year plan.

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).

The capital funding agreement signed by participating jurisdictions in July 2010 is set to expire on July 1, 2016, and a new agreement is being negotiated. The CIP proposed by WMATA in December 2014 includes funding to maintain existing capital infrastructure and also contains funding to implement an aggressive capital infrastructure program referred to as Metro 2025, which plans to implement new capital infrastructure improvements such as eight-car trains, additional railcars, power upgrades, expansions of key rail storage and maintenance facilities, and capacity enhancements to core stations over the next six years. WMATA has proposed a plan for the first six years of Metro 2025 at $1.3 billion.

From FY 2016 – 2021, the City of Alexandria's proposed share of WMATA's Proposed CIP totals $57.4 million to maintain base infrastructure and $59.8 million to implement Metro 2025 improvements. Total Proposed City CIP funding of $117.2 million over these six years includes:

- $67.6 million in City and NVTA 30% funding;
- $24.6 million in Northern Virginia Transportation Commission funding (not in chart above); and
- The first two funding sources only fund 80% of the City's share of the total proposed WMATA CIP for the next six years and would require $25 million in new funding from the State to fully fund the request (not in the chart above).

Funding beyond FY 2021 is estimated by the City and not based on a WMATA provided amount.

(Continued on the next page)

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase the value of the real estate tax base
- Ensure Alexandria supports, retains, and attracts businesses
- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieve results the community values
- Ensure the fiscal strength of the government

External or Internal Adopted Plan or Recommendation

- FY 2016 WMATA Proposed Capital Improvement Program (CIP) – December 2014

Additional Operating Budget Impact

Operating budget costs have been captured in the operating budget for many years, and the City's General Fund will support $9.3 million of the total $35.1 million City subsidy in FY 2016. NVTA 30% funding of $1.9 million will be utilized to support Metroway operations, and City funding available through NVTC will fund the balance of the total City subsidy.

WMATA Capital Contributions (Continued)

It is important to note that the new six-year agreement has not been completed or signed by the participating jurisdictions, and funding amounts may change. Other WMATA participating Virginia local governments, the District of Columbia, and the State of Maryland have all indicated to WMATA that they cannot afford the proposed WMATA 2025 request.

In the Proposed CIP, City resources including NVTA 30% funding are anticipated to fund over $113 million of the ten-year total to support these capital infrastructure improvements. The City will also utilize NVTC funding ($42.6 million over 10 years) and anticipates the State contributing $45 million to $50 million over the 10 years. When all funding sources are added together, the City's share of WMATA capital infrastructure improvements may total over $200 million.

Van Dorn Metrorail Station Area Improvements

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: 5690 Eisenhower Ave.
Reporting Area: Landmark/Van Dorn
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 30 years

Van Dorn 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 FY 2016*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2026
Expenditure Budget	2,170,000	*0*	0	1,500,000	670,000	0	0	0	0	0	0	0	2,170,000
Financing Plan													
Reprogrammed TIP Bonds	750,000	*0*	0	750,000	0	0	0	0	0	0	0	0	750,000
Reprogrammed TIP Cash	325,000	*0*	0	325,000	0	0	0	0	0	0	0	0	325,000
NVTA - 30%	425,000	*0*	0	425,000	0	0	0	0	0	0	0	0	425,000
CMAQ/RSTP	670,000	*0*	0	0	670,000	0	0	0	0	0	0	0	670,000
Total Financing Plan	2,170,000	*0*	0	1,500,000	670,000	0	0	0	0	0	0	0	2,170,000
Additional Operating Impact													
Annual Impact			0	0	0	3,000	3,090	3,183	3,278	3,377	3,478	3,582	22,987
Cumulative Impact			0	0	0	3,000	6,090	9,273	12,551	15,927	19,405	22,987	22,987

Changes from Prior Year CIP: Based on updated project cost estimates, total funding increases from $1.75 million in last year's CIP to $2.17 million. Timing of the project remains the same, with construction scheduled to begin in FY 2018.

Project Description & Justification

This project will fund a set of improvements to the existing kiss-and-ride and bus loading area at the Van Dorn Metro to enhance access to the station for all modes of transit.

Van Dorn Metro Station has one of the higher rates of service vehicles per square mile within the City, second only to King Street Metro. The catalyst behind this is the activity from the private residential shuttles in addition to the DASH and WMATA services that occupy the stations during peak and non-peak hours. Based on the activity and the current configuration, the kiss and ride space of the station is no longer able to support the function of kiss and ride and the increased activity of private shuttle traffic. The lack of space is becoming a safety issue for vehicles and passengers/pedestrians.

The improvements to the Van Dorn Metrorail Station will redesign the kiss-and-ride area to better accommodate the large number of private shuttle buses serving the station. In addition, the bus loading area will be reconfigured to accommodate the Van Dorn-Beauregard transitway service, as well as the larger shuttles which currently serve the facility from Eisenhower Avenue.

Funding begins in FY 2017 with $1.5 million in local TIP funds and $670,000 in FY2018 from CMAQ/RSTP funds. Planning and design is scheduled to begin in FY 2017 with construction commencing in FY 2018.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Ensure Alexandria supports, retains, and attracts businesses

External or Internal Adopted Plan or Recommendation

- WMATA Van Dorn Metro Study, October 2013

Additional Operating Budget Impact

This improvement will only slightly increase the cost of maintaining this facility by adding one shelter to the bus loop, requiring about two hours per week of additional maintenance. The total estimated additional operating impact is $3,000.

Bus Shelters and Benches

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: 50411781

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: Varies

Bus Shelters and Benches													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2018*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2028
Expenditure Budget	4,308,973	*3,438,973*	0	0	270,000	0	0	600,000	0	0	0	0	870,000
Financing Plan													
Prior Year City Funds	435,223	*435,223*	0	0	0	0	0	0	0	0	0	0	0
NVTA 30%	1,100,000	*1,100,000*	0	0	0	0	0	0	0	0	0	0	0
NVTA 70%	450,000	*450,000*	0	0	0	0	0	0	0	0	0	0	0
Prior Year State/Federal Grants	1,413,750	*1,413,750*	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	40,000	*40,000*	0	0	0	0	0	0	0	0	0	0	0
CMAQ/RSTP	870,000	*0*	0	0	270,000	0	0	600,000	0	0	0	0	870,000
Total Financing Plan	4,308,973	*3,438,973*	0	0	270,000	0	0	600,000	0	0	0	0	870,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: CMAQ/RSTP grant funding has been applied to this project in both FY 2018 and FY 2021.

Project Description & Justification

This project will replace existing shelters and free standing benches with new, enhanced infrastructure and passenger amenities. Bus shelters and bus stop benches throughout the City are several decades old and many have exceeded their useful life. The redesigned City standard design offers transit riders a more attractive and comfortable environment, which is directly related to customers satisfaction with DASH and Metrobus service. This project also funds improvements at existing stops that bring them into compliance with ADA standards.

The project also includes funding for real-time information signs at key, high-ridership shelters throughout the City. Real-time information has been shown to increase ridership by 2-5%, and the increase in passenger fare revenue is likely to exceed the cost of enhancing the capital infrastructure.

The project is primarily funded by federal and state grant funding that covers the manufacture and installation of the bus shelters, as well as the necessary concrete pad. The City has already installed four shelters and plans to install up to 30 additional shelters between FY 2015 – FY 2016.

Once all the shelters have been completed, they will offer an enhanced environment for passengers, and new technology may be able to attract new riders to emerging commercial districts. Additionally, the shelter design includes clear glass panels to improve line of sight and safety. The project will also replace old benches at the shelters.

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City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Improve the City's air quality

Focus Area: Safe, Secure, & Just Community

- Ensure all community members are treated justly and protected under the law

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

In FY 2015, an additional $40,000 from TIP funding was added to the $100,000 previously budgeted for bus shelter and bench maintenance to account for the installation of new facilities. These costs are now included as part of the operating budget, thus there is no additional impact for FY 2016 and beyond.

DASH Bus Fleet Replacements

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): Alexandria Transit Company (ATC)
ORG: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated Useful Life: 12 years

DASH Bus Fleet Replacements (Since FY 2015)													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	37,535,000	*4,550,000*	3,910,000	3,900,000	3,900,000	4,050,000	4,050,000	2,800,000	3,375,000	2,100,000	2,800,000	2,100,000	32,985,000
Financing Plan													
General Obligation Bonds	4,775,000	*0*	0	0	650,000	0	675,000	675,000	675,000	700,000	700,000	700,000	4,775,000
Prior Year City Funds	650,000	*0*	0	650,000	0	0	0	0	0	0	0	0	650,000
Reprogrammed TIP Bonds	660,000	*0*	660,000	0	0	0	0	0	0	0	0	0	660,000
NVTA 30%	31,450,000	*4,550,000*	3,250,000	3,250,000	3,250,000	4,050,000	3,375,000	2,125,000	2,700,000	1,400,000	2,100,000	1,400,000	26,900,000
Total Financing Plan	37,535,000	*4,550,000*	3,910,000	3,900,000	3,900,000	4,050,000	4,050,000	2,800,000	3,375,000	2,100,000	2,800,000	2,100,000	32,985,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Project funding from FY 2016 - 2025 updated based on available resources for DASH bus replacement. Funding from FY 2016 - 2025 will replace an estimated 48 buses.

Project Description & Justification

This project provides for the replacement of buses in the DASH fleet. DASH develops an annual Transportation Development Program which indicates the number of buses that need to be replaced due to aging vehicles in the fleet. The vehicles currently have a 12-year lifespan.

The current City policy utilizes replacement funds to purchase new hybrid buses ($650,000). If clean diesel buses are purchased, they will still be consistent with the City Eco-City Action plan of reducing vehicle emissions.

Benefits of this project include ensuring fleet needs are being met to provide for a sustainable transit option for City residents, workers, and visitors. Newer vehicles also have fewer emissions than the older vehicles they are replacing.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Improve the City's air quality

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the government

External or Internal Adopted Plan or Recommendation

- 2008 Transit Performance and Service Expansion Plan (DASH and City)

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated. The City's General Fund has supported DASH operations for many years, with $11.23 million budgeted in FY 2016.

Hybrid Bus and Trolley Battery Pack Replacement

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): Alexandria Transit Company (ATC)
ORG: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated Useful Life: 5 years

Hybrid Bus and Trolley Battery Pack Replacement													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	3,500,000	*100,000*	100,000	150,000	250,000	300,000	350,000	350,000	400,000	500,000	550,000	450,000	3,400,000
Financing Plan													
Cash Capital	3,500,000	*100,000*	100,000	150,000	250,000	300,000	350,000	350,000	400,000	500,000	550,000	450,000	3,400,000
Total Financing Plan	3,500,000	*100,000*	100,000	150,000	250,000	300,000	350,000	350,000	400,000	500,000	550,000	450,000	3,400,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: Funding added in FY 2025. No other changes from prior year CIP.													

Project Description & Justification

In FY 2010, the City began purchasing buses and trolleys with hybrid technology instead of clean diesel vehicles. The hybrid vehicles produce fewer emissions, get better fuel economy, and are quieter than conventional diesel buses. The hybrid vehicle battery packs must be replaced every five to seven years. The packs cost approximately $50,000. The first hybrid vehicles were delivered in calendar year 2011, with battery replacement anticipated approximately every 5 years.

This project is tied to the DASH bus and trolley purchase projects. Replacement schedule for the hybrid battery packs may be modified as necessary, based on the actual vehicle purchase schedule.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area: Livable, Green and Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

DASH Real Time Bus Information

Document Subsection: Public Transit
Managing Department: Alexandria Transit Company (ATC)
Supporting Department(s): Transportation & Environmental Services
ORG: 50412212

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: 5 years

DASH Real Time Bus Information System													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,273,000	*1,273,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior Year Grants	1,076,400	*1,076,400*	0	0	0	0	0	0	0	0	0	0	0
TIP - Cash	196,600	*196,600*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	1,273,000	*1,273,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	50,000	51,500	53,045	54,636	56,275	57,964	59,703	61,494	63,339	507,955
Cumulative Impact			0	50,000	101,500	154,545	209,181	265,457	323,420	383,123	444,617	507,955	507,955

Changes from Prior Year CIP: Project was not included in last year's CIP. It was formally added after the budget document was produced. All funding is from FY 2015; no additional funding is required for FY 2016 and beyond.

Project Description & Justification

Alexandria Transit Company (ATC) has been planning for a real-time information system for a number of years. Real-time information will provide DASH riders with accurate information as to the location of their bus and the time that the bus is expected to arrive at a stop. Real-time information is becoming a standard amenity of bus systems around the country. Rider surveys and reports show a significant increase in customer satisfaction, convenience, and a two to five percent increase in ridership after real-time information systems are deployed. The technology takes into account the actual position of the transit vehicles using GPS, as well as typical traffic patterns, to estimate bus arrivals. Customers can access the real-time information through Web and mobile applications. This greatly improves the reliability and convenience of the service from the public's perspective.

Real-time information systems also improve the efficiency and effectiveness of daily operations and scheduling.

In May 2013, the City of Alexandria entered into a Project Administration Agreement with the Virginia Department of Transportation for the purchase of a Real Time Bus Information System, also known as automated vehicle location (AVL), for Alexandria's local DASH bus system.

WMATA uses the Clever Devices system to power the NextBus system and is currently expanding Clever's technology role regionally. The Clever system is much more robust and has regional interface capabilities that are not available with the NextBus system. Fairfax County Connector and Loudon County Transit have both recently awarded contracts to Clever for their real time systems. ATC has determined that the Clever system will provide DASH with the regional interface capabilities being planned for the near future. Clever Devices system provides opportunities as funding becomes available to add modules such as, Computer Added Dispatch (CAD), Garage Mapping, Bus Health, and Automated Passenger Counters (APC's), which can significantly enhance operational efficiency and effectiveness. These modules will provide critical tools and data to assist with planning, operations, and maintenance.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area: Livable, Green and Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional $50,000 annually is planned beginning in FY 2017 for preventative maintenance, hardware, and out of warranty costs that will be attributed to the system. DASH operations subsidy will need to account for this in its budgeting process.

DASH New Electronic Payment Program (NEPP)

Document Subsection: Public Transit
Managing Department: Alexandria Transit Company (ATC)
Supporting Department(s): Transportation & Environmental Services
ORG: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: 5 years

DASH NEPP Implementation													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2017*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2027
Expenditure Budget	1,200,000	*0*	0	0	0	0	450,000	750,000	0	0	0	0	1,200,000
Financing Plan													
CMAQ/RSTP	1,200,000	*0*	0	0	0	0	450,000	750,000	0	0	0	0	1,200,000
Total Financing Plan	1,200,000	*0*	0	0	0	0	450,000	750,000	0	0	0	0	1,200,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	0	0	0	0	0	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: New project added for FY 2020 - 2021.

Project Description & Justification

Over the next several years, WMATA will upgrade to a new fare payment system called the New Electronic Payment Program (NEPP). This project will fund the upgrade of DASH's fare collection equipment to integrate it with the new regional fare system.

NEPP will provide a substantially greater degree of flexibility to introduce innovative concepts and features to its patrons. This includes, but is not limited to, the acceptance of new forms of payment, increased variety and types of media that can be processed, improved methods of communication and customer services, and more rapid integration of emerging technologies.

Through NEPP, opportunities exist for fare payments and fare media by interfacing with the financial and wireless industries to accept a variety of contactless, open standard, fare payment media. The NEPP shall be "form-factor agnostic," accepting all forms of compliant media, including, but not limited to:

- Credit card-sized media;
- Key-fobs;
- Watches;
- Mobile phones; and
- Adhesive labels.

WMATA and its regional partners' overarching goal and main motivation for the NEPP procurement is to achieve a cost effective, innovative, seamless/open payment electronic system for the entire region's transit providers. NEPP will include fare collection, processing payments, reporting and more.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area: Livable, Green and Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Operational cost will be determined after the installation of the system implementation. Hardware and software cost will be associated with the integration of the system and added to the warranty and contingency cost of the project.

Landmark Transit Station

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: TBD

Project Location: Landmark Mall Site (exact location TBD)
Reporting Area: Landmark/Van Dorn Corridor
Project Category: 3 – New Facilities
Estimated Useful Life: 30 years

Landmark Transit Station													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2019*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2029
Expenditure Budget	6,000,000	*0*	0	0	0	0	0	0	0	600,000	5,400,000	0	6,000,000
Financing Plan													
NVTA - 70%	6,000,000	*0*	0	0	0	0	0	0	0	600,000	5,400,000	0	6,000,000
Total Financing Plan	6,000,000	*0*	0	0	0	0	0	0	0	600,000	5,400,000	0	6,000,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	50,000	50,000
Cumulative Impact			0	0	0	0	0	0	0	0	0	50,000	50,000

Changes from Prior Year CIP: No changes from prior year CIP.

Project Description & Justification

This project provides funding for initial planning and design for a transit station at the redeveloped Landmark site. Ultimately, this project will construct an intermodal transit station at or near the intersection of Transitway Corridors "B" and "C" in the vicinity of Landmark Mall. The Landmark Transit Center will be a transfer center and transit hub for high capacity transit vehicles, local bus service and shuttles to the Metro. The transit center is expected to have real time transit information, bus stations; climate controlled waiting facilities, transit information and media fare, bicycle parking and other commuter amenities.

The total cost of the project is estimated at $6.0 million, planned to be funded entirely with NVTA 70% funds, due to the regional nature of the project.

Once completed, this project will improve multimodal access to transit, while providing more efficient mass transit options in the redeveloped area.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Ensure Alexandria supports, retains, and attracts businesses

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- Landmark/Van Dorn Corridor Plan approved by City Council, February 2009
- Transitway Corridors Feasibility Study, completed October 2012

Additional Operating Budget Impact

Once the station construction is complete, there will be operational cost associated with the maintenance of the facility. The cost could range from $30,000 to $50,000 annually for routine and preventative maintenance.

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HIGH CAPACITY TRANSIT CORRIDORS

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High Capacity Transit Corridors
Approved FY 2016 - 2025 Capital Improvement Program
Summary of Projects

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Transportation											
High Capacity Transit Corridors											
Route 1 Transitway - Metroway Construciton	0	0	0	0	0	0	0	0	0	0	0
Route 1 Transitway (NEPP)	0	0	0	500,000	500,000	500,000	0	0	0	0	1,500,000
Transit Corridor "A" - Crystal City/Potomac Yard Streetcars	0	0	0	0	0	3,000,000	0	0	0	0	3,000,000
Transit Corridor "C" Transit Priority	0	0	0	0	0	0	0	0	0	0	0
Transit Corridor "C" - Beauregard	2,400,000	22,340,000	32,100,000	32,500,000	0	0	0	0	0	0	89,340,000
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	0	0	0	0	210,000	0	2,100,000	2,000,000	15,000,000	0	19,310,000
FY 2016 - 2025 High Capacity Transit Corridors Total	2,400,000	22,340,000	32,100,000	33,000,000	710,000	3,500,000	2,100,000	2,000,000	15,000,000	0	113,150,000

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Route 1 Transitway – Metroway Construction

Document Subsection: High Capacity Transit Corridors
Managing Department: Dept. of Project Implementation
Supporting Department(s): Transportation and Environmental Services
ORG: 50412095 (Primary ORG)

Project Location: Route 1 between Braddock Rd. and Four Mile Run
Reporting Area: Potomac Yard/Potomac Greens
Project Category: 3 – New Facilities
Estimated Useful Life: 30 years

Route 1 Transitway - Metroway Construction													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	21,583,696	*21,583,696*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
General Obligation Bonds - TIP	1,325,000	*1,325,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital - TIP	3,875,000	*3,875,000*	0	0	0	0	0	0	0	0	0	0	0
Stormwater Management Tax	250,000	*250,000*	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	85,000	*85,000*	0	0	0	0	0	0	0	0	0	0	0
NVTA 70%	600,000	*600,000*	0	0	0	0	0	0	0	0	0	0	0
CMAQ/RSTP	4,211,558	*4,211,558*	0	0	0	0	0	0	0	0	0	0	0
TIGER Grant	8,500,000	*8,500,000*	0	0	0	0	0	0	0	0	0	0	0
Section 5309	1,247,138	*1,247,138*	0	0	0	0	0	0	0	0	0	0	0
New Starts	1,490,000	*1,490,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	21,583,696	*21,583,696*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	(317,000)	(326,510)	(336,305)	(346,394)	(356,786)	(367,490)	(378,515)	(389,870)	(401,566)	(3,220,437)
Cumulative Impact			0	(317,000)	(643,510)	(979,815)	(1,326,210)	(1,682,996)	(2,050,486)	(2,429,001)	(2,818,871)	(3,220,437)	(3,220,437)
Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.													

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 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.

As part of their development obligations, the Potomac Yard Development widened Route 1 to add new northbound lanes. The transitway is being constructed in the new median (former northbound lanes). Premium branded vehicles operate in the exclusive right-of-way along this segment. Other project elements include: enhanced shelters, transit signal priority, and real-time information signage.

Of the total $21.6 million project budget – which includes purchase of vehicles - $16.1 million is funded through State and Federal grants, $5.2 million from the Transportation Improvement Program (TIP), and $250,000 from stormwater management funds to implement best management practices.

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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase the value of the real estate tax base
- Ensure Alexandria supports, retains, and attracts businesses
- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Improve the City's air quality

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Achieve results the community values

External or Internal Adopted Plan or Recommendation

- Route 1 Transitway Recommendation approved by City Council, June 2007

Additional Operating Budget Impact

Operating impacts were included in the FY 2015 operating budget, so there is not additional impact in FY 2016. All operating impacts are funded through NVTA 30% funding. Through FY 2016, the route is considered a local route. Beginning in FY 2017, the route is expected to be converted to a regional route with costs shared by other WMATA Compact jurisdictions. The table above shows savings from conversion to a regional route in FY 2017.

Route 1 Metroway - NEPP

Document Subsection: High Capacity Transit Corridors
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: Route 1 between Braddock Rd. and Four Mile Run
Reporting Area: Potomac Yard/Potomac Greens
Project Category: 3 – New Facilities
Estimated Useful Life: Varies

Route 1 Transitway (NEPP)													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,500,000	*0*	0	0	0	500,000	500,000	500,000	0	0	0	0	1,500,000
Financing Plan													
CMAQ/RSTP	1,500,000	*0*	0	0	0	500,000	500,000	500,000	0	0	0	0	1,500,000
Total Financing Plan	1,500,000	*0*	0	0	0	500,000	500,000	500,000	0	0	0	0	1,500,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	0	0	0	0	0	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: This is a new project added for FY 2019 - 2021.

Project Description & Justification

The New Electronic Payments Program (NEPP) is a regional fare collection system to replace the existing technology (SmartTrip). NEPP is an essential technology to aid in the implementation of off-board fare collection along the Route 1 Metroway. This project will fund the procurement of the off board fare collection hardware and software.

NEPP will provide a substantially greater degree of flexibility to introduce innovative concepts and features to its patrons. This includes, but is not limited to, the acceptance of new forms of payment, increased variety and types of media that can be processed, improved methods of communication and customer services, and more rapid integration of emerging technologies.

Through NEPP, opportunities exist for fare payments and fare media by interfacing with the financial and wireless industries to accept a variety of contactless, open standard, fare payment media. The NEPP shall be "form-factor agnostic," accepting all forms of compliant media, including, but not limited to:

- Credit card-sized media;
- Key-fobs;
- Watches;
- Mobile phones; and
- Adhesive labels.

WMATA and its regional partners' overarching goal and main motivation for the NEPP procurement is to achieve a cost effective, innovative, seamless/open payment electronic system for the entire region's transit providers. NEPP will include fare collection, processing payments, reporting and more.

CMAQ/RSTP funding is planned for this project beginning in FY 2019.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase the value of the real estate tax base
- Ensure Alexandria supports, retains, and attracts businesses
- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Improve the City's air quality

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- Alexandria/Arlington Amended Route 1 Corridor Streetcar Conversion Project approved by City Council, June 2012
- WMATA Momentum

Additional Operating Budget Impact

Operational cost will be determined after the installation of the system implementation. Hardware and software cost will be associated with the integration of the system and added to the warranty and contingency cost of the project.

Transit Corridor "A" – Crystal City / Potomac Yard Streetcars

Document Subsection: High Capacity Transit Corridors
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 50412155

Project Location: Route 1 between Braddock Rd. and Four Mile Run
Reporting Area: Potomac Yard/Potomac Greens
Project Category: 3 – New Facilities
Estimated Useful Life: 30 years

Transit Corridor "A" - Crystal City / Potomac Yard Streetcars													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	3,320,000	*320,000*	0	0	0	0	0	3,000,000	0	0	0	0	3,000,000
Financing Plan													
TIP - Cash	320,000	*320,000*	0	0	0	0	0	0	0	0	0	0	0
NVTA - 70%	3,000,000	*0*	0	0	0	0	0	3,000,000	0	0	0	0	3,000,000
Total Financing Plan	3,320,000	*320,000*	0	0	0	0	0	3,000,000	0	0	0	0	3,000,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: No change from prior year CIP.													

Project Description & Justification

This project provides planning and design funding for the potential conversion of the Crystal City-Potomac Yard (CCPY) dedicated BRT transitway to a streetcar transit mode along the Route 1 corridor between 4-Mile Run and Braddock Road. The project will evaluate the need for, and potentially design, a streetcar system within the dedicated transitway through the North Potomac Yard site to either the Braddock Road Metrorail station or to the planned Potomac Yard Metrorail station.

To date, $320,000 has been allocated from Transportation Improvement Program (TIP) funds to reimburse Arlington County for the development of preliminary information related to an environmental assessment of potentially converting the CCPY to a streetcar mode. Work has been completed by vendors under the direction of Arlington County, per the original memorandum of understanding between the City and Arlington County. The original agreement stipulated a 50/50 split between the two jurisdictions for the costs of the assessment. The allocated funds will be paid to Arlington County for the City's share of the work, per the agreement.

In June 2012, because Arlington County decided to forgo federal Small Starts/New Starts funding to implement its streetcar conversion project, and because Alexandria cannot afford to not pursue such federal funding if the City decides at a later date to convert to the streetcar mode, City Council approved a continuation of the joint agreement with Arlington County as a two-segment project. Additional funding to continue work on this project is not budgeted until FY 2020 and is included as part of the NVTA 70% funding plan.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase the value of the real estate tax base
- Ensure Alexandria supports, retains, and attracts businesses
- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Improve the City's air quality

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community

External or Internal Adopted Plan or Recommendation

- FY 2016 Budget Memo #11 – "Response to Council Questions" – *Transit Corridor "A" Streetcars*
- Transportation Master Plan approved by City Council, April 2008
- Alexandria/Arlington Amended Route 1 Corridor Streetcar Conversion Project approved by City Council, June 2012

Additional Operating Budget Impact

Unknown at this time as only planning/feasibility funding has

Transit Corridor "C" Transit Priority

Document Subsection: High Capacity Transit Corridors
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 50412093

Project Location: Van Dorn/Beauregard Corridor
Reporting Area: Landmark Van Dorn/Beauregard Small Area Plan
Project Category: 3 – New Facilities
Estimated Useful Life: 10 years

Transit Corridor "C" Transit Priority													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	670,000	*670,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
TIGER Grant	670,000	*670,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	670,000	*670,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			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

This project is fully funded with a Transportation Investment Generating Economic Recovery (TIGER) federal grant and will install transit priority equipment at key intersections along Van Dorn Street and Beauregard Street. Transit priority is an important element to an efficient running transit network by allowing transit vehicles to maintain their operational schedule. This is part of a region wide-project, with jurisdictions from Washington D.C., Virginia, and Maryland participating.

The Washington Metropolitan Transit Agency (WMATA) was negotiating a contract to supply equipment that will allow WMATA's fleet of buses to operate seamlessly between jurisdictions. These negotiations have been terminated because of a number of technical problems. WMATA is considering options and will most likely adjust the scope and rebid the contract. Once the equipment is in place, DASH can also purchase equipment for their fleet of buses that will allow them to integrate into the system.

Once completed, this project will support a multimodal transportation network that supports sustainable land use and provides internal mobility and regional connectivity for Alexandrians.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Transit Corridor "C" - Beauregard

Document Subsection: High Capacity Transit Corridors
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: 50412093

Project Location: Van Dorn/Beauregard Corridor
Reporting Area: Landmark Van Dorn/Beauregard Small Area Plan
Project Category: 3 – New Facilities
Estimated Useful Life: 30 years

Transit Corridor "C" - Beauregard													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	92,340,000	*3,000,000*	2,400,000	22,340,000	32,100,000	32,500,000	0	0	0	0	0	0	89,340,000
Financing Plan													
TIP - Cash	2,100,000	*2,100,000*	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	900,000	*900,000*	0	0	0	0	0	0	0	0	0	0	0
NVTA - 70%	62,140,000	*0*	2,400,000	19,740,000	20,000,000	20,000,000	0	0	0	0	0	0	62,140,000
Private Capital Contributions	27,200,000	*0*	0	2,600,000	12,100,000	12,500,000	0	0	0	0	0	0	27,200,000
Total Financing Plan	92,340,000	*3,000,000*	2,400,000	22,340,000	32,100,000	32,500,000	0	0	0	0	0	0	89,340,000
Additional Operating Impact													
Annual Impact			0	0	0	0	500,000	2,400,000	1,560,000	1,560,000	1,560,000	1,560,000	9,140,000
Cumulative Impact			0	0	0	0	500,000	2,900,000	4,460,000	6,020,000	7,580,000	9,140,000	9,140,000

Changes from Prior Year CIP: Total available funding planned in FY 2016 - 2019 is reduced from $93.5 million in last year's CIP to $89.3 million. The primary reduction is to Urban Funds ($3.1 million) budgeted in last year's CIP that City no longer believes it will receive based on updated long-rage plans from the State. Additionally, $1.0 million in CMAQ/RSTP funding planned last year is being shifted to the Metroway NEPP project to support high priority technology improvements along the newly constructed Metroway.

Project Description & Justification

Consistent with the City's 2008 Transportation Master Plan, this project will construct a high-capacity transitway to operate in mixed flow and dedicated lanes between the Van Dorn Metrorail station and the border with Arlington to the north. This investment will support the development approved in the Landmark/Van Dorn Small Area Plan and the Beauregard Corridor Small Area Plan.

On September 17, 2011, Council adopted the recommendation made by the High Capacity Transit Corridor Work Group for Bus Rapid Transit (BRT) in dedicated lanes between Van Dorn Metrorail and the Pentagon until such time that a streetcar system becomes feasible.

A preliminary cost estimate was developed by the Transitway Corridors Feasibility Study, and based on a refined concept design for the project, the cost estimate has increased to an estimated $140.0 million which includes design, right-of-way acquisition, utility relocation, construction, and rolling stock. To the extent right-of-way is donated, costs will be reduced.

NVTA 70% and private capital contributions are the primary sources of funding identified to date. The City will also seek Small Starts (Federal) funding. If all funding were to be secured, construction is estimated to begin in the FY 2018 – 2019 timeframe. Without these substantial Federal funds and development contributions, construction will be unable to commence, or will have to be phased.

Completion of this project supports development approved in the Landmark/Van Dorn Small Area Plan and the Beauregard Small Area Plan by providing increased transit options for locally oriented and through trips emphasizing interjurisdictional coordination.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase the value of the real estate tax base
- Ensure Alexandria supports, retains, and attracts businesses
- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Improve the City's air quality

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Achieve results the community values

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- Landmark/Van Dorn Corridor Plan approved by City Council, February 2009
- High Capacity Transitway Corridor Work Group recommendations approved by City Council, May 2012
- Beauregard Small Area Plan adopted June 2012

Additional Operating Budget Impact – Next Page

Transit Corridor "C" – Beauregard (Continued)

Additional Operating Impact

All additional operating impact will be funded through NVTA 30% funding. The current estimate for the annual operating costs for a full year when service is implemented is $2.4 million when the route is considered local. Beginning in FY 2022, the route is expected to be converted to a regional route with costs to be shared with other WMATA Compact jurisdictions. This will reduce the City's share of operating costs to an estimated $1.56 million annually. All cost estimates include transitway station maintenance which will be performed by the City. FY 2020 operating costs are based on approximately one-quarter of a year of operating costs.

Transit Corridor "B" – Duke Street

Document Subsection: High Capacity Transit Corridors
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: Duke St. between City Limits and King St. Metro
Reporting Area: Van Dorn/Beauregard
Project Category: 3 – New Facilities
Estimated Useful Life: 30 years

Transit Corridor "B" - Duke Street (Incl. Duke Street Complete Streets)													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	19,560,000	*250,000*	0	0	0	0	210,000	0	2,100,000	2,000,000	15,000,000	0	19,310,000
Financing Plan													
NVTA - 70%	19,560,000	*250,000*	0	0	0	0	210,000	0	2,100,000	2,000,000	15,000,000	0	19,310,000
Total Financing Plan	19,560,000	*250,000*	0	0	0	0	210,000	0	2,100,000	2,000,000	15,000,000	0	19,310,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: No changes to prior year CIP.													

Project Description & Justification

This project provides initial planning, design, and engineering funding for construction of a 4-mile segment of the high-capacity transitway in dedicated lanes along the Duke Street and Eisenhower Avenue corridor between the western City limit and Old Town.

On Sept 17, 2011, Council adopted the High Capacity Transit Corridor Work Group recommendation for a two-phased implementation of the transitway. The first phase would create dedicated transit lanes in existing six-lane sections of Duke Street between Landmark Mall and Jordan Street. Between Roth Street and Diagonal Road and between Jordan Street and Roth Street, transit would operate in mixed flow.

Phase Two would widen Duke Street to provide a reversible lane between Jordan Street and Roth Street. The reversible lane would be configured to allow Duke Street to accommodate a dedicated transit lane in the peak hour direction of traffic flow during the morning and evening peak periods along Duke Street.

Based on a refined concept design for the project, the current cost estimate is $100.0 million which includes design, right-of-way acquisition, utility relocation, construction, and rolling stock. Grant funding is applied to this project in FY 2019 to begin preliminary design and feasibility work. NVTA 70% in funding is budgeted in FY 2022 - 2024 to continue further design and engineering work. Significant private (development) capital contributions and Federal funds will likely be required to move this project to the construction phase in future years.

Once completed, this project will support development Approved in the Eisenhower East and Landmark/Van Dorn Small Area Plans, while increasing transit options for locally oriented and through trips emphasizing interjurisdictional coordination.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase the value of the real estate tax base
- Ensure Alexandria supports, retains, and attracts businesses
- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Improve the City's air quality

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Achieve results the community values

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- High Capacity Transitway Corridor Work Group recommendations approved by City Council, May 2012

Additional Operating Budget Impact

Unknown at this time. Additional operating impacts are not expected in the current 10-year Capital Improvement Program.

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NON-MOTORIZED TRANSPORTATION

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Non-Motorized Transportation
Approved FY 2016 - 2025 Capital Improvement Program
Summary of Projects

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Transportation											
Non-Motorized Transportation											
Access to Transit	0	0	0	0	0	0	0	0	0	0	0
Edsall and South Pickett Pedestrian Imprv.	325,000	0	0	0	0	0	0	0	0	0	325,000
Wilkes Street Bikeway	0	0	0	0	0	0	0	0	0	0	0
BRAC Neighborhood Protection Plan	0	0	0	0	0	0	0	0	0	0	0
Safe Routes to Schools	0	0	0	0	0	0	0	0	0	0	0
Holmes Run Greenway	0	0	0	0	0	0	0	0	0	0	0
Mt. Vernon Trail @ East Abingdon	100,000	0	0	0	0	0	0	0	0	0	100,000
Capital Bikeshare	0	500,000	693,063	264,250	320,000	350,000	0	0	0	0	2,127,313
Pedestrian & Bicycle Master Plan Update	0	0	0	0	0	0	0	0	0	0	0
Complete Streets	641,000	830,000	830,000	1,170,000	830,000	830,000	830,000	830,000	830,000	830,000	8,451,000
Shared-Use Paths	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Sidewalk Capital Maintenance	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Bicycle Parking at Metro Stations	50,000	500,000	0	100,000	100,000	0	0	0	0	0	750,000
Old Cameron Run Trail	100,000	0	2,095,000	0	0	0	0	0	0	0	2,195,000
Backlick Run Multi-Use Paths	0	0	0	200,000	1,910,000	0	0	0	0	0	2,110,000
Cameron & Prince Bicycle & Pedestrian Facilities	300,000	0	0	0	0	0	0	0	0	0	300,000
Parking Study	0	150,000	0	0	0	0	0	0	0	0	150,000
Van Dorn/Beauregard Bicycle Facilities	0	0	0	250,000	1,269,372	0	0	0	0	0	1,519,372
Transportation Master Plan Update	0	0	500,000	0	0	0	0	0	0	0	500,000
FY 2016 - 2025 Non-Motorized Transportation Total	2,116,000	2,580,000	4,718,063	2,584,250	5,029,372	1,780,000	1,430,000	1,430,000	1,430,000	1,430,000	24,527,685

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Access to Transit

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: 51411848

Project Location: Rosemont and Old Town
Reporting Area: Rosemont and Old Town
Project Category: 3- New Facilities
Estimated Useful Life: 25 years

Access to Transit													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,048,000	*2,048,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	248,000	*248,000*	0	0	0	0	0	0	0	0	0	0	0
NVTA - 30%	60,000	*60,000*	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	1,740,000	*1,740,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	2,048,000	*2,048,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668	101,591
Cumulative Impact			0	10,000	20,300	30,909	41,836	53,091	64,684	76,625	88,923	101,591	101,591

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

This project provides funding for mobility improvements within 1/16-mile of bus stops, 1/8-mile of future high-capacity transit corridors, or ½-mile of Metrorail stops. Two grants totaling $1,740,000 have been awarded for this project, and a $308,000 City match has been budgeted for this project.

The first is a federal grant and totals $990,000 with a $248,000 City match. Funds will be utilized to provide sidewalks and accessibility improvements on Madison Street and King Street at Russell Road. Construction is expected to begin in FY 2015 on the Madison Street sidewalk and concept design is underway for the King Street at Russell Road Project.

A second grant, $750,000 in CMAQ/RSTP grant funds with a $60,000 match (NVTA 30%) will fund pedestrian improvements to Duke Street near the western city limits from Landmark Plaza to the Landmark Mall transit station. Design has been completed and construction will begin in 2015. Improved access to transit is necessary in supporting a multimodal environment and providing local and regional connectivity. Improved access to transit provides for safe walkways to transit facilities which will encourage more transit use, thereby helping to reduce carbon emissions and improving health.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Improve the City's air quality

Focus Area: Healthy & Thriving Residents

- Improve residents' overall health

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

Routine maintenance of new sidewalks will be required, and is estimated at $10,000 annually beginning FY 2017. A more accurate cost estimate will be developed once sidewalks have been completed.

Edsall and South Pickett Street Pedestrian Improvements

Document Subsection: Non-Motorized Transportation
Managing Department: Dept. of Project Implementation
Supporting Department(s): Transportation & Environmental Services
ORG: 51412094

Project Location: Intersection of Edsall Rd & S. Pickett St.
Reporting Area: Landmark/Van Dorn
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 25 years

Edsall and South Pickett Pedestrian Imprv.													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	445,000	*120,000*	325,000	0	0	0	0	0	0	0	0	0	325,000
Financing Plan													
State/Federal Grants	120,000	*120,000*	0	0	0	0	0	0	0	0	0	0	0
Reprogrammed VDOT Funds	325,000	*0*	325,000	0	0	0	0	0	0	0	0	0	325,000
Total Financing Plan	445,000	*120,000*	325,000	0	0	0	0	0	0	0	0	0	325,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: An additional $325,000 in prior year VDOT funding was added for FY 2016 due to revisions in the scope of the project by VDOT.

Project Description & Justification

This project will provide pedestrian connectivity and safety improvements to the intersection of Edsall Road and South Pickett Street.

The approved improvements will include new crosswalks, median island improvements, turning radius improvements, sidewalk improvements and new curb ramps. Crashes with pedestrians have occurred at this intersection which is proximate to the Samuel Tucker Elementary School.

This project began in 2012 and design is complete. The project is funded by $120,000 in CMAQ/RSTP grant funding. An expanded scope based on VDOT comments will require $325,000 of additional VDOT grant funds to be transferred to this project.

Improved pedestrian facilities are necessary in supporting a multi-modal environment, and providing local and regional connectivity. Improving these facilities also addresses the need for improved safety for pedestrians, and safe access to transit and other facilities.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Improve residents' overall health

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

Required annual maintenance will be included as part of the Complete Streets annual operating budget.

Wilkes Street Bikeway

Document Subsection: Non-Motorized Transportation
Managing Department: Dept. of Project Implementation
Supporting Department(s): Transportation & Environmental Services
ORG: 51412096

Project Location: Wilkes Street
Reporting Area: Old Town, Southwest Quadrant
Project Category: 2- Renovations/Existing Assets
Estimated Useful Life: 20 years

Wilkes Street Bikeway													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	180,000	*180,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
State/Federal Grants	180,000	*180,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	180,000	*180,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

This project involves bicycle improvements to Wilkes Street which provides an on-road east-west bikeway connection between major shared-use paths in the City.

The project includes signalization improvements, bicycle intersection safety features, wayfinding signage, curb ramp improvements, and crosswalk markings.

This project began in 2012 and final design documents for construction are complete. The project will be advertised for construction in spring 2015. This project is fully funded with CMAQ/RSTP funds and requires no City match.

Improved bicycle facilities are necessary in supporting a multi-modal environment, providing local and regional connectivity, providing a safer mode of transportation for bicyclists and safe access to transit and other facilities.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Improve residents' overall health

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

Required annual maintenance will be included as part of the Complete Streets annual operating budget.

BRAC Neighborhood Protection Plan

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 51411844

Project Location: BRAC-133 Vicinity
Reporting Area: Landmark/Van Dorn
Project Category: 3 – New Facilities
Estimated Useful Life: Varies

BRAC Neighborhood Protection Plan													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	785,000	*785,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	285,000	*285,000*	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	785,000	*785,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

Since the opening of the BRAC-133 facility in fall 2011, 6,100 new employees arrive to the site daily. This has generated new traffic on the surrounding roadways. To address community concerns regarding cut-through traffic on local and residential streets, a Neighborhood Protection Plan is in development.

The boundaries of the Neighborhood Protection Plan for the BRAC-133 facility, including sixteen roadway sections that may benefit from traffic calming or cut-through traffic mitigation measures, were counted in the spring of 2011 (prior to the opening of the BRAC facility) to provide baseline speed and volume data. These counts will provide a point of comparison to the future follow-up counts to determine how neighborhood traffic volumes have changed as a result of BRAC.

Staff and VDOT continue to meet since BRAC-133 became occupied to review traffic impacts. At this point, traffic impacts have not been as serious as anticipated. Follow-up traffic counts will be conducted, determining the needs and specific improvements following completion of the HOV ramp. Improvements to reduce cut-through traffic on residential streets may provide improved safety to all residents.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

Unknown at this time. If specific initiatives are required to be implemented, there may be additional operating budget impacts.

Safe Routes to Schools

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: 51411842

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: Varies

Safe Routes to Schools													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	782,047	*782,047*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
State/Federal Grants	782,047	*782,047*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	782,047	*782,047*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	40,636
Cumulative Impact			0	4,000	8,120	12,364	16,735	21,237	25,874	30,650	35,569	40,636	40,636

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

This project funds safety improvements including installation of pedestrian countdown signals and associated pedestrian safety and bicycle improvements at intersections, within a two mile radius of each of the following schools: Mount Vernon School, Polk Elementary School, Ramsay Elementary School, and Maury Elementary School.

The Safe Routes to School program, created by Section 1404 of the 2005 Safe, Accountable, Flexible Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), established a federally-funded program to provide communities with the opportunity to improve conditions for bicycling and walking to school in kindergarten through eighth grade. The project is funded through grants received from the Virginia Department of Transportation (VDOT). A city match is not required.

The safety improvements are primarily needed to provide a safe walking environment for school children, but will also improve overall safety and mobility for all residents. Pedestrian safety improvements are an important need that improves safety for children in accessing other facilities such as ball fields and recreation sites.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote neighborhoods that are amenity-rich
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Improve residents' overall health

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

Beginning FY 2017, $4,000 in additional operating costs will be required for annual maintenance and utility costs at intersections being improved.

Holmes Run Greenway

Document Subsection: Non-Motorized Transportation
Managing Department: Dept. of Project Implementation
Supporting Department(s): Transportation & Environmental Services
ORG: 44411637

Project Location: From North Ripley St. to underneath I-395
Reporting Area: Alexandria West, Beauregard Small Area Plan
Project Category: 3 – New Facilities
Estimated Useful Life: 25 years

Holmes Run Greenway													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	4,352,402	*4,352,402*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	34,800	*34,800*	0	0	0	0	0	0	0	0	0	0	0
TIP - Cash	1,000,000	*1,000,000*	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	3,317,602	*3,317,602*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	4,352,402	*4,352,402*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

This project provides funding for the construction of the preferred alignment resulting from the Holmes Run Bike Trail Study which involves constructing significant upgrades to the existing facilities along the Holmes Run Greenway from North Ripley Street running north to beneath Interstate 395. The existing facilities currently provide access under Interstate 395 and Van Dorn Street via a tunnel, underpass, fair weather crossing and concrete trail system built into the concrete sidewall embankments lining the flood channel of Holmes Run. The trail is currently in very poor condition. It is poorly lit and has slippery and unsafe trail condition for trail users.

Study of concept trail alignment has been completed. Project costs have been reduced from $6.5 million to $4.4 million due to a change in the scope of work. VDOT hydraulic requirements do not allow trail to be elevated beneath Van Dorn Street and the I-395 tunnel, which reduces project costs significantly. Detailed design is underway and construction is scheduled for 2016.

Holmes Run Greenway will support a multi-modal transportation environment and provide local and regional connectivity. The Greenway will encourage more walking, biking, and transit use thereby helping to reduce carbon emissions and improving health. Completion of the Greenway will provide more opportunities for all citizens and employees to access transit, businesses, employers, and activity centers such as parks and recreation facilities.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Improve residents' overall health

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008
- 2012 Holmes Run Bike Trail Study
- Beauregard Small Area Plan adopted June 2012

Additional Operating Budget Impact

The additional operating impact is capture in the TIP as part of the increase in trails maintenance for all new trails project being constructed.

Mount Vernon Trail at East Abingdon Road

Document Subsection: Non-Motorized Transportation
Managing Department: Dept. of Project Implementation
Supporting Department(s): Transportation & Environmental Services
ORG: 43411627

Project Location: Mt. Vernon Trail at E. Abingdon Rd.
Reporting Area: Old Town North
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	850,000	*750,000*	100,000	0	0	0	0	0	0	0	0	0	100,000
Financing Plan													
State/Federal Grants	750,000	*750,000*	0	0	0	0	0	0	0	0	0	0	0
TIP - Cash	15,000	*0*	15,000	0	0	0	0	0	0	0	0	0	15,000
Reprogrammed TIP Bonds	85,000	*0*	85,000	0	0	0	0	0	0	0	0	0	85,000
Total Financing Plan	850,000	*750,000*	100,000	0	0	0	0	0	0	0	0	0	100,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: An additional $100,000 was added for FY 2016. After T&ES consulted with the Department of Project Implementation, Aon the cost estimate and project design, it was determined that an additional $100,000 was required for project for construction management.

Project Description & Justification

This project will construct safety improvements on the Mount Vernon Trail where trail width and conflicts with vehicles make non-motorized travel unsafe.

Staff has completed traffic counts for streets paralleling the narrow trail section and has developed the scope for a detailed design. Right-of-ways may be needed and the plans for the Gen-On property may affect the project. Construction is not expected to begin until at least FY 2016.

The total project cost is estimated at $850,000 and is funded by CMAQ/RSTP and SAFETEA-LU funding ($750,000) that is administered through the Northern Virginia Regional Commission (NVRC) and $100,000 in Transportation Improvement Program (TIP) funding.

The Mount Vernon Trail is necessary in supporting a multi-modal environment and providing local and regional connectivity. The safety improvements at the Mount Vernon Trail are an important need that improves safety for pedestrians, bicyclists, and safe access to transit and other facilities.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

Required annual maintenance will be included as part of the shared-use paths annual operating budget.

Capital Bikeshare

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 51412211

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: Bikes – 6 years, Stations – 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	4,049,835	*1,922,522*	0	500,000	693,063	264,250	320,000	350,000	0	0	0	0	2,127,313
Financing Plan													
State/Federal Grants	1,792,522	*1,792,522*	0	0	0	0	0	0	0	0	0	0	0
CMAQ/RSTP	2,127,313	*0*	0	500,000	693,063	264,250	320,000	350,000	0	0	0	0	2,127,313
Private Capital Contributions	130,000	*130,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	4,049,835	*1,922,522*	0	500,000	693,063	264,250	320,000	350,000	0	0	0	0	2,127,313
Additional Operating Impact													
Annual Impact			160,000	160,000	250,000	340,000	430,000	520,000	610,000	623,500	637,405	651,727	4,382,632
Cumulative Impact			160,000	320,000	570,000	910,000	1,340,000	1,860,000	2,470,000	3,093,500	3,730,905	4,382,632	4,382,632

Changes from Prior Year CIP: Planned funding in FY 2018 - 2019 in last year's CIP is reduced by $93,000 based on updated available CMAQ/RSTP funding. CMAQ/RSTP funding is added to this project in FY 2021.

Project Description & Justification

Public bicycle transit or "bikesharing" is a service where public bicycles are made available for shared use. Users can pick up and drop off bikes at designated stations by either registering online, by phone, or at a station. Successful bike share programs tend to have stations that are tightly clustered, spaced approximately a quarter mile from one another, near Metrorail stations, commercial centers, tourist destinations and mixed use development.

Capital Bikeshare was implemented in Arlington County and the District of Columbia in 2010. 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.

Stations will be located in areas suggested by the public, mixed-use activity centers, near major transit stops and are spaced typically spaced one quarter mile apart.

Capital costs for stations and bicycles range depending on size of station and number of docks. Funding covers cost of stations and bicycles with the Transportation Improvement Program (TIP) funding annual operating costs.

Bikeshare access to transit and other activity centers supports the well-being of families by allowing more transportation choices that help to provide flexibility to residents. It will encourage more transit use, thereby helping to reduce carbon emissions and improving health.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Improve residents' overall health
- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

Additional funding for operating 16 additional stations has been included in the FY 2016 operating budget ($160,000). Beginning in FY 2018, operating costs are identified to expand by approximately 8 stations annually from FY 2018 – FY 2022. A funding source will need to be identified for these operating costs before expansion can occur.

Pedestrian & Bicycle Master Plan Update

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 5141210

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: N/A

Pedestrian & Bicycle Master Plan Update													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
TIP - Cash	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

This project provides funding for a comprehensive update to the 2008 Pedestrian and Bicycle Mobility Plan and the pedestrian and bicycle sections of the Transportation Master Plan to provide additional guidance on future pedestrian and bicycle facilities.

Funding is provided for a master plan only and does not include implementation funding. The project was funded through the Transportation Improvement Program (TIP) in FY 2014. This project is anticipated to be completed in FY 2016.

Updating the 2008 Pedestrian and Bicycle Mobility Plan provides for opportunities to increase the livability of neighborhoods, increase the proximity of goods and services to residents, and provides residents additional non-motorized transportation options.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Improve residents' overall health
- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Complete Streets

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 51411829, 51411796

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	15,699,310	*7,248,310*	641,000	830,000	830,000	1,170,000	830,000	830,000	830,000	830,000	830,000	830,000	8,451,000
Financing Plan													
Prior City Funding	6,918,310	*6,918,310*	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	320,000	*320,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	4,911,000	*0*	441,000	630,000	630,000	630,000	430,000	430,000	430,000	430,000	430,000	430,000	4,911,000
General Obligation Bonds	3,200,000	*0*	200,000	200,000	200,000	200,000	400,000	400,000	400,000	400,000	400,000	400,000	3,200,000
CMAQ/RSTP	340,000	*0*	0	0	0	340,000	0	0	0	0	0	0	340,000
Private Capital Contributions	10,000	*10,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	15,699,310	*7,248,310*	641,000	830,000	830,000	1,170,000	830,000	830,000	830,000	830,000	830,000	830,000	8,451,000
Additional Operating Impact													
Annual Impact			0	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	450,000
Cumulative Impact			0	10,000	30,000	60,000	100,000	150,000	210,000	280,000	360,000	450,000	450,000

Changes from Prior Year CIP: Planned funding in FY 2016 was reduced from $900,000 to $641,000 based on available prior year balances that can be utilized to complete FY 2016 initiatives. Additionally, $159,000 in planned funding was moved to the Braddock Streetscape project (in the Community Development section) to support the Complete Streets elements of that project. From FY 2017 - 2025, planned funding was reduced by $70,000 annually to support increase investments in the Street Resurfacing program.

Project Description & Justification

This program funds capital infrastructure improvements to the non-motorized transportation network, including sidewalks, curbs, gutters, pedestrian crossings, on-street bicycle facilities, bicycle parking, and access ramps throughout the City. The implementation of these improvements is coordinated with annual street resurfacing programs. These improvements also ensure compliance with federal ADA regulations that mandate accessibility improvements in all street alteration projects and allows the city to comply with the Commonwealth Transportation Board adopted "Policy for Integrating Bicycle and Pedestrian Accommodations."

Additionally, safety projects are also funded in Complete Streets. These measures may divert cut-through traffic, lower traffic speeds, highlight pedestrian crossings, and can include specialized signals, sidewalks, markings and signage, crossing islands and detection devices at intersections. Complete Streets funding also supports street improvement initiatives such as the Braddock Road Streetscape project.

This project addresses missing multimodal infrastructure and requires engineering and design, in addition to construction funding for many of the initiatives to be completed.

Complete Streets is necessary in supporting a multimodal environment, providing more choices for residents and visitors, and providing local and regional connectivity. Additionally, Complete Streets will encourage more walking, bicycling, and transit use, thereby helping to reduce carbon emissions and improving health. The City continues to identify grant opportunities leverage with these funds to allow for the completion of more Complete Streets initiatives.

In FY 2016, one Urban Planner III and one Principal Planner position will be moved from the Multi-Modal Operating budget and now be funded from this capital project, providing direct support to the implementation of capital projects.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City
- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents
- Improve residents' overall health
- Improve the quality of residents' leisure time
- Ensure all children and youth succeed

Focus Area: Safe, Secure, & Just Community
- Ensure all community members are treated justly and protected under the law

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

Operating impact includes sidewalk maintenance, pavement marking re-striping for crosswalks and on-street bicycle facilities, access ramp maintenance, signs, and signal maintenance. These are estimated at $10,000 annually beginning in FY 2016, and increased $10,000/year thereafter to account for the new facilities.

Shared-Use Paths

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): Recreation, Parks & Cultural Activities
ORG: 44801662

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated Useful Life: 25-50 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	3,691,357	*691,357*	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Financing Plan													
Prior City Funding	691,357	*691,357*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	3,000,000	*0*	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Total Financing Plan	3,691,357	*691,357*	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

The 2011 and 2013 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 paths and shared-use paths as required.

Annual funding is provided for the reconstruction of existing paths ($200,000) and implementation of new paths in conjunction with larger capital projects.

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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the fiscal strength of the City government
- Ensure government is accountable to the community
- Achieve results that the community values

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Sidewalk Capital Maintenance

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): Recreation, Parks & Cultural Activities
ORG: 51412205

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated Useful Life: 25-50 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	4,139,469	*1,139,469*	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Financing Plan													
Prior City Funding	1,139,469	*1,139,469*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	3,000,000	*0*	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Total Financing Plan	4,139,469	*1,139,469*	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

This project supports supplemental sidewalk maintenance citywide in addition to the existing operating budget sidewalk repair program.

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 proportionate to the street resurfacing budget.

The current City sidewalk operating budget does not provide funding sufficient to reconstruct accessible concrete or brick sidewalks, so this project provides funding to supplement the on-going repairs with reconstruction funding.

In addition, the City intends to participate in the Virginia Department of Transportation revenue sharing program every fiscal year when funding for the match is available and eligible projects can be identified. This program will allow the City to match local dollars on a one-to-one basis with VDOT dollars for sidewalk replacement associated with major streets resurfacing projects. This will allow the City to maximize investment in sidewalk maintenance projects along with major streets resurfacing.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the fiscal strength of the City government
- Ensure government is accountable to the community
- Achieve results that the community values

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Sidewalk Capital Maintenance (Continued)

Sidewalk Capital Maintenance Category 1 Project List

	Section
Proposed FY16 Sidewalk Schedule	Taney Ave from Van Dorn St to the Dead end
	Wheeler Ave from Duke St to the Dead-end
	Janneys Lane from Cloverway to King St
	Monroe Ave from Stonewall Rd to Leslie Ave
	Yoakum Parkway from Edsall Rd to Stevenson Ave
	N Hampton Dr from Ford Ave to King St
	E. Taylor Run Pkwy from Duke St. to Dead End
	Duke St. from N. Quaker Ln. to S. Jordan St.
	S. Van Dorn St. from S. Pickett St. to Edsall Rd
	N. Van Dorn St. from Seminary Rd. to Menokin Dr.
	N./ S. Columbus St. from Green St. to Oronoco St.
	Eisenhower Ave. from Bluestone Rd. to Mill Rd.
	CityWide Alley Resurfacing
	King St from Menokin Dr. to Janney's Lane

	Section
Proposed FY17 Sidewalk Schedule	E./ W. Myrtle St. Entire Length
	Dawes Ave. from King St. to Seminary Rd.
	Cambridge Rd. from Duke St. to Janney's Ln
	Oakcrest Dr. Entire Length
	N. Owen St. Entire Length
	St. Stephens Rd Entire Length
	Colonel Ellis Ave. Entire Length
	Russell Rd. from Mt. Vernon Ave. to Masonic View Ave.
	Circle Hill Dr. Entire Length
	Fontaine St. from Woodland Terr. to Ridge Road Dr.
	Fordham Rd. Entire Length
	Raymond Ave. Entire Length
	Tennessee Ave. from Old Dominion Blvd. to Valley Dr.
	Halcyon Dr. from Tenneessee Ave. to N. Overlook Dr.
	Leslie Ave. from Randolph Ave. to Duncan Ave.
	E. Glebe Rd. from Jefferson Davis Hwy to Russell Rd
	Kenwood Dr. from King St. to Crestwood Dr.
	Crestwood Dr. Entire Length
	Cameron St. from Union St. to Buchannan St.
	Mt. Vernon Ave. from Braddock Rd. to Hume Ave.
	Randolph Ave. Entire Length
	CityWide Alley Resurfacing
	N. Pickett from Polk Ave. to Dead End
	N./ S. Henry St. from Slater's Ln. to Franklin St.
	Pendleton St. Entire Length
	Prince St. from Dangerfield Rd. to S. Columbus St.
	Chambliss St. Length in City
	Francis Hammond/ Skyhill Rd.
	W. Timber Branch Pkwy. From Braddock Rd. to Dead End
	Taney Ave. from N. Early St. to N. Gordon St.

Sidewalk Capital Maintenance Category 1 Project List

	Section
Proposed FY18 Sidewalk Schedule	Hume Ave. Entire Length
	Scroggins Rd. from Braddock Rd. to King St.
	Beverly Dr. from Old Dominion Blvd. to Wellingon
	Wilkes St. from Patrick St. to the dead end
	Seminary Rd. from Beauregard to City Limit
	Kennedy St./ Landover Rd. Entire Length
	Cathedral St. Entire Length
	Ft. Williams Pkwy Entire Length
	N./ S. Columbus from Green St. to Oronoco St.
	E/W Myrtle St Entire Length
	Malcolm Pl. Entire Length
	Oakland Terr. Entire Length
	CityWide Alley Resurfacing
	Dartmouth Rd. from Crown View to Dead End
	Crown View Dr. from Clover Way to Dartmouth Rd.
	Skyhill Rd. from Janney's Ln. to Dead End
	W. Taylor Run Pkwy. From Janney's Ln. to Dead End
	Bryan St. from W. Taylor Run Pkwy. To Dead End
	E/W Abingdon St. from First St. to Dead End
	N/S Alfred St. from First St. to Church St.
	E/W Linden St. Entire Length
	Virginia Ave. Entire Length
	Allison St. Entire Length
	E. Glebe Rd. from Jefferson Davis Hwy. to Russell Rd.
	Royal St. from King St. to Bashford

Bicycle Parking at Metro Stations

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: 15 years

Bicycle Parking at Metro Stations													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	750,000	*0*	50,000	500,000	0	100,000	100,000	0	0	0	0	0	750,000
Financing Plan													
CMAQ/RSTP	750,000	*0*	50,000	500,000	0	100,000	100,000	0	0	0	0	0	750,000
Total Financing Plan	750,000	*0*	50,000	500,000	0	100,000	100,000	0	0	0	0	0	750,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			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

Bicycle commuting has risen dramatically in Alexandria since 2005, in part due to improvements in on- and off-street connections to the City's bikeway network. Despite these improvements, the City still lags behind other local jurisdictions in providing safe, secure bicycle parking at its major transit stops. To address high demand and current use levels that meet or exceed capacity, this project will install modular, unattended bicycle parking at the City's Metrorail stations and major transit stops. This bicycle parking is designed to provide a low-cost, high-capacity solution that will also encourage short bicycle trips to complement public transit usage.

Site analysis will be conducted to determine feasibility of bicycle parking installation. Right-of-way must be available for bicycle parking installation. Areas with high bicycle demand will be identified in the Bicycle and Pedestrian Master Plan update.

Completion of this project is essential to provide multimodal options for travel in the City. Bike parking improves access to transit and other activity centers and will provide more opportunities for all citizens and employees to access businesses and employers. Bike parking will encourage more transit use, thereby helping to reduce carbon emissions and improving health.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Improve residents' overall health
- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

Bicycle parking at Metrorail stations has minimal operating impact and will be included in the annual operating budget when stations are installed.

Old Cameron Run Trail

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: 51412088

Project Location: Eisenhower Ave. at Telegraph Rd. to Mt. Vernon Trail
Reporting Area: Eisenhower East Area
Project Category: 3 – New Facilities
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,405,000	*210,000*	100,000	0	2,095,000	0	0	0	0	0	0	0	2,195,000
Financing Plan													
State/Federal Grants	210,000	*210,000*	0	0	0	0	0	0	0	0	0	0	0
Reprogrammed TIP Bonds	100,000	*0*	100,000	0	0	0	0	0	0	0	0	0	100,000
CMAQ/RSTP	2,095,000	*0*	0	0	2,095,000	0	0	0	0	0	0	0	2,095,000
Total Financing Plan	2,405,000	*210,000*	100,000	0	2,095,000	0	0	0	0	0	0	0	2,195,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: TIP funding in the amount of $1.305 million was eliminated from this project due to updated prioritization of transportation projects. The project scope will likely need to be scaled back, or other funding identified in future CIPs to complete the project as originally intended.

Project Description & Justification

This project will construct a shared-use path between Eisenhower Avenue near Telegraph Road to on-road bicycle facilities that link to the Mt. Vernon Trail, addressing a major gap in the city's approved "Green Crescent" trail system and ultimately providing a key link in the bicycle and pedestrian multimodal transportation system.

Funding for an initial project study was secured through CMAQ/RSTP funding. Design and construction is funded through $2.3 million in CMAQ/RSTP grant funds and $100,000 in TIP bonds. Previously planned TIP funds supporting this project were reprogrammed to other priority transportation projects in FY 2016. Therefore, additional grant funds must be sought to fund the original scope of the project. Without additional funding identified, the project scope will have to be scaled back or this project will no longer be feasible to complete. A study to determine the preferred trail alignment will be completed in FY 2016.

Completion of this trail is necessary to support a multi-modal environment and provide local and regional connectivity. Additionally, the trail will encourage more walking, biking, transit use, thereby helping to reduce carbon emissions and improving health.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Improve residents' overall health

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

The additional operating impact is capture in the TIP as part of the increase in trails maintenance for all new trails project being constructed.

Backlick Run Multi-Use Paths

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: TBD

Project Location: Backlick Run path from Boothe Park to Fairfax County
Reporting Area: Landmark/Van Dorn
Project Category: 3 – New Facilities
Estimated Useful Life: 25 years

Backlick Run Multi-Use Paths													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,110,000	*0*	0	0	0	200,000	1,910,000	0	0	0	0	0	2,110,000
Financing Plan													
CMAQ/RSTP	2,110,000	*0*	0	0	0	200,000	1,910,000	0	0	0	0	0	2,110,000
Total Financing Plan	2,110,000	*0*	0	0	0	200,000	1,910,000	0	0	0	0	0	2,110,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: TIP funding in the amount of $1.09 million was eliminated from this project due to updated prioritization of transportation projects. The project scope will likely need to be scaled back, or

Project Description & Justification

This project provides funding to construct a shared-use path along Backlick Run from Boothe Park west to the Fairfax County line. Once complete, the trail will help better connect the far west side of the City with the Mount Vernon Trail and the existing trail network in the Ben Brennan Park and Eisenhower Valley.

Funding for an initial project study was secured through CMAQ/RSTP funding. Design and construction is funded through $2.1 million in CMAQ/RSTP grant funds. Previously planned TIP funds supporting this project were reprogrammed to other priority transportation projects in FY 2016. Therefore, additional grant funds must be sought to fund the original scope of the project. Without additional funding identified, the project scope will have to be scaled back or this project will no longer be feasible to complete. A study to determine the preferred trail alignment will be completed in FY 2016.

Completion of this project will provide increased multimodal connectivity because it links the City's trail network to the Van Dorn Metro Station. Helping to fulfill the Eco-City initiative, this project will provide options for non-motorized transportation as well as improve access to transit. The trail will encourage more walking, biking, transit use, thereby helping to reduce carbon emissions and improving health.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Improve residents' overall health

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

The additional operating impact is capture in the TIP as part of the increase in trails maintenance for all new trails project being constructed.

Cameron & Prince Bicycle & Pedestrian Facilities

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: Cameron St. @ Prince St.
Reporting Area: Old Town
Project Category: 3 – New Facilities
Estimated Useful Life: 10 years

Cameron & Prince Bicycle & Pedestrian Facilities													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	300,000	*0*	300,000	0	0	0	0	0	0	0	0	0	300,000
Financing Plan													
NVTA - 30%	300,000	*0*	300,000	0	0	0	0	0	0	0	0	0	300,000
Total Financing Plan	300,000	*0*	300,000	0	0	0	0	0	0	0	0	0	300,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			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

This project improves the non-motorized transportation network with the installation of bicycle facilities and pedestrian improvements from the King Street Metro Station to the Waterfront along Cameron and Prince Streets. Bicycle and pedestrian facilities are recommended in the Pedestrian and Bicycle Mobility Plan and will provide important connectivity between two major transit hubs and the Mount Vernon Trail.

Pedestrian improvements to be implemented with this project include safer crossings enhanced with upgraded markings, curb ramp improvements, and pedestrian count-down signals.

The existing bicycle facilities will be improved by providing designated space on the roadway for cyclists as well as additional bicycle parking opportunities along the corridor.

Funding is planned in FY 2016 through NVTA 30% funds. Concepts for enhanced pedestrian and bicycle safety are being developed.

This project helps to promote pedestrian, bicycling, and transit use, thereby helping to reduce carbon emissions and improving health.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Improve residents' overall health
- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

Required annual maintenance will be included as part of the Complete Streets annual operating budget.

Parking Study

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): Planning & Zoning
ORG: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1- Asset Maintenance
Estimated Useful Life: N/A

Parking Study													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	150,000	*150,000*	(150,000)	150,000	0	0	0	0	0	0	0	0	0
Financing Plan													
*TIP - Cash	150,000	*150,000*	(150,000)	150,000	0	0	0	0	0	0	0	0	0
Total Financing Plan	150,000	*150,000*	(150,000)	150,000	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding previously budgeted in FY 2015 will be reprogrammed to other FY 2016 priorities, with TIP funding planned for FY 2017. The shift in funding is to align this project with other parking work program priorities.

* TIP - Cash - The reduction in TIP - Cash shown in FY 2016 is shown to detail the revised project timing. Those funds will be reappropriated in FY 2016 to other transportation initiatives.

Project Description & Justification

This project will conduct the analysis to recalibrate parking standards for new development. The parking standards in Alexandria's Zoning Ordinance are out of date. Non-auto travel has increased since current standards were set, and there are indications that household car ownership is declining, requiring an update.

The study will involve an inventory of current standards, review previous parking studies, assess recently approved parking ratios by location by development, and assess parking supply and utilization in existing development projects. The study will also look at on-street parking availability in recently approved residential/mixed use developments with a parking reduction and provide recommendations for standards that have been successfully used in other jurisdictions.

This is a new project added in FY 2015, funded through the Transportation Improvement Program (TIP). It will build on a staff led study for residential parking standards for new development currently underway.

Consistent with the Parking Work Program memorandum provided to Council in FY 2015, this project is being performed in FY 2017 to align with other parking work priorities. FY 2015 funding is being reprogrammed with replacement funding added in FY 2017.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 1 – Economic Development

Focus Area: Livable, Green, and Prospering City

- Ensure Alexandria supports, retains, and attracts businesses
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated. Funding is provided for study/feasibility work only.

Van Dorn/Beauregard Bicycle Facilities

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: N. Beauregard & N. Van Dorn St.
Reporting Area: Landmark/Van Dorn, Beauregard
Project Category: 3 – New Facilities
Estimated Useful Life: 25 years

Van Dorn / Beauregard Bicycle Facilities													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,519,372	*0*	0	0	0	250,000	1,269,372	0	0	0	0	0	1,519,372
Financing Plan													
CMAQ/RSTP	1,519,372	*0*	0	0	0	250,000	1,269,372	0	0	0	0	0	1,519,372
Total Financing Plan	1,519,372	*0*	0	0	0	250,000	1,269,372	0	0	0	0	0	1,519,372
Additional Operating Impact													
Annual Impact			0	0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: No changes from prior year CIP.

Project Description & Justification

A missing link in the City's bicycle network is a bicycle facility along Beauregard and Van Dorn Street. This facility would provide a north-south connection to the City's Holmes Run Trail, running east-west, and connecting bicycle users to Mark Center. This project will be coordinated with the implementation of Transit Corridor C (Beauregard Corridor).

This project is fully funded through restricted funding sources/grants and does not require City funding. State and federal grants have been secured for $0.25 million in design in FY 2019 and $1.27 million in construction in FY 2020.

This project helps to promote bicycling and transit use, thereby helping to reduce carbon emissions and improving health.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Improve residents' overall health
- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

Unknown at this time. Additional operating impacts will be identified when the scope of work is finalizing and specific infrastructure improvements are completed.

Transportation Master Plan Update

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 10 Years

Transportation Master Plan Update													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	500,000	*0*	0	0	500,000	0	0	0	0	0	0	0	500,000
Financing Plan													
CMAQ/RSTP	500,000	*0*	0	0	500,000	0	0	0	0	0	0	0	500,000
Total Financing Plan	500,000	*0*	0	0	500,000	0	0	0	0	0	0	0	500,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: This is a new project added for FY 2018.

Project Description & Justification

This project provides funding for a comprehensive update to the sections of the 2008 sections of the Transportation Master Plan not completed with the Pedestrian and Bicycle Master Plan Update. The Transportation Commission has supported this project as a priority in the City.

The update will reflect the significant changes to the City's transportation network in the 10 years since the Plan was last updated. The Plan will incorporate significant development in Potomac Yard, Carlyle, Mark Center and other parts of the City. In addition portions of the three transit corridors are under design or operational which will have significant impact on the travel patterns throughout the City.

Funding is provided for a master plan update only and does not include implementation funding.

Updating the 2008 Transportation Master Plan will provide for opportunities to increase the livability of neighborhoods, increase the proximity of goods and services to residents, and provides residents additional transportation options.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Promote neighborhoods that are amenity-rich
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Healthy & Thriving Residents

- Improve residents' overall health
- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan, June 2008

Additional Operating Budget Impact

No additional operating impact is anticipated.

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STREETS AND BRIDGES

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Streets & Bridges
Approved FY 2016 - 2025 Capital Improvement Program
Summary of Projects

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Transportation											
Streets & Bridges											
Street Reconstruction & Resurfacing of Major Roads	5,600,000	5,300,000	5,300,000	5,500,000	5,500,000	5,500,000	5,500,000	5,300,000	5,300,000	5,300,000	54,100,000
Bridge Repairs	0	300,000	700,000	300,000	700,000	300,000	700,000	300,000	700,000	300,000	4,300,000
King & Beauregard Intersection Improvements	0	0	0	0	0	0	0	0	0	0	0
Eisenhower Avenue Roadway Improvements	0	0	0	0	0	0	0	0	0	0	0
King/Quaker Lane/Braddock Rd. Intersection	381,500	0	0	0	0	0	0	0	0	0	381,500
Route 1 @ E. Reed Intersection Improvements	0	0	0	0	0	0	0	0	0	0	0
Seminary Road at Beauregard Street Ellipse	0	0	3,500,000	16,200,000	16,700,000	0	0	0	0	0	36,400,000
Madison & Montgomery Reconstruction	0	0	0	0	0	0	0	0	0	0	0
Duke Street Reconstruction	1,200,000	0	0	0	0	0	0	0	0	0	1,200,000
East Glebe & Route 1	0	0	0	3,000,000	0	0	0	0	0	0	3,000,000
City Standard Construction Specifications	200,000	0	0	0	0	0	0	0	0	0	200,000
High Street Construction	0	0	0	0	0	0	0	500,000	0	0	500,000
Van Dorn Metro Multimodal Bridge	0	0	0	0	0	0	0	500,000	0	0	500,000
FY 2016 - 2025 Streets & Bridges Total	7,381,500	5,600,000	9,500,000	25,000,000	22,900,000	5,800,000	6,200,000	6,600,000	6,000,000	5,600,000	100,581,500

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Street Reconstruction and Resurfacing of Major Roads

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 51412206

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	60,882,488	*6,782,488*	5,600,000	5,300,000	5,300,000	5,500,000	5,500,000	5,500,000	5,500,000	5,300,000	5,300,000	5,300,000	54,100,000
Financing Plan													
Prior City Funding	6,670,679	*6,670,679*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	10,075,000	*0*	2,575,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	2,000,000	2,000,000	10,075,000
GO Bonds	24,675,000	*0*	175,000	3,300,000	3,300,000	3,500,000	3,500,000	3,500,000	3,500,000	2,300,000	800,000	800,000	24,675,000
Prior Year/Close-Out - City	975,000	*0*	975,000	0	0	0	0	0	0	0	0	0	975,000
TIP - Cash	3,000,000	*0*	0	0	0	0	0	0	0	1,000,000	1,000,000	1,000,000	3,000,000
State Revenue Sharing	15,486,809	*111,809*	1,875,000	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	15,375,000
Total Financing Plan	60,882,488	*6,782,488*	5,600,000	5,300,000	5,300,000	5,500,000	5,500,000	5,500,000	5,500,000	5,300,000	5,300,000	5,300,000	54,100,000
Additional Operating Impact													
Annual Impact			(404,207)	(416,333)	(428,823)	(441,688)	(454,939)	(468,587)	(482,644)	(497,124)	(512,037)	(527,398)	(4,633,780)
Cumulative Impact			(404,207)	(820,540)	(1,249,363)	(1,691,051)	(2,145,990)	(2,614,577)	(3,097,221)	(3,594,344)	(4,106,382)	(4,633,780)	(4,633,780)

Changes from Prior Year CIP: The total investment in Street Resurfacing increases $7.8 million over last year's ten-year plan. This increased investment will allow the City to resurface approximately 50 lane miles annually.

Project Description & Justification

The City of Alexandria maintains and manages more than 560 lane miles of paved streets to ensure the safe and efficient movement of people, goods and services. In 2013, City staff completed an updated pavement management inventory. The pavement condition measurement information gathered was used to rank and prioritize the resurfacing of City streets and produce a multi-year resurfacing plan. A list of approved resurfacing projects planned for FY 2016 - 2018 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.

To support this project, the City intends to continue participating in the Virginia Department of Transportation (VDOT) State Revenue Sharing program every fiscal year when funding for the match is available and eligible projects can be identified. This provides an opportunity for the City to match local dollars on a 1:1 basis with State Revenue Sharing funds and potentially maintain twice as many lane miles of roads than are currently maintained. VDOT approves State Revenue Sharing funding on an annual basis, and the City has programmed these funds into the Capital Improvement Program beginning FY 2015. In FY 2016, $1.875 million in new Revenue Sharing funds were awarded to support the City's resurfacing program.

Beginning in FY 2015, staff consolidated the City's entire pavement management program (alley reconstruction/resurfacing and street resurfacing/reconstruction) was consolidated into one CIP. This becomes the City's multi-year pavement management program. Where applicable, Complete Streets infrastructure will be incorporated into street resurfacing projects.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results that the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- Pavement management inventory updated 2013 and Reviewed by City Council

Additional Operating Budget Impact

Based on the increased investment in road resurfacing since FY 2014, the City's need for smaller or spot paving projects can be reduced. These savings – due to the increase capital investment for resurfacing – are estimated at $404,207, and this reduction was included as part of the FY 2016 operating budget development.

Street Reconstruction and Resurfacing of Major Roads (Continued)

FY 2016 – 2018 Resurfacing Schedule

This list is tentative and may change due to utility and/or development conflicts, contract cost variance, or other unforeseen conditions. "AVG PCI" in the table below is Average Pavement Condition Index which is a numerical value assigned to indicated the general condition of the pavement.

	Section	Avg PCI	Estimated Cost
FY16 Paving Schedule	Commonwealth Ave. from E. Monroe to Mt. Vernon Ave.	41.00	$345,000
	Taney Ave from Van Dorn St to the Dead end	33.13	$475,000
	Janneys Lane from Cloverway to King St	33.00	$185,000
	Monroe Ave from Stonewall Rd to Leslie Ave	39.00	$275,000
	Yoakum Parkway from Edsall Rd to Stevenson Ave	36.00	$185,000
	N Hampton Dr from Ford Ave to King St	23.50	$110,000
	Wheeler Ave from Duke St to the Dead-end	29.80	$580,000
	Duke St. from N. Quaker Ln. to S. Jordan St.	40.00	$545,000
	S. Van Dorn St. from S. Pickett St. to Edsall Rd	41.00	$200,000
	N. Van Dorn St. from Seminary Rd. to Menokin Dr.	41.00	$250,000
	N./ S. Columbus St. from Green St. to Oronoco St.	46.00	$300,000
	Eisenhower Ave. from Bluestone Rd. to Mill Rd.	40.60	$550,000
	CityWide Alley Resurfacing	< 10	$300,000
	King St from Menokin Dr. to Janney's Lane	36.43	$850,000
	Additional Costs and Contingency	N/A	$450,000
	TOTAL		**$5,600,000**

	Section	Avg PCI	Estimated Cost
Proposed FY17 Paving Schedule	E./ W. Myrtle St. Entire Length	35.00	$100,000
	Dawes Ave. from King St. to Seminary Rd.	28.00	$190,000
	Cambridge Rd. from Duke St. to Janney's Ln	30.00	$140,000
	Oakcrest Dr. Entire Length	36.00	$100,000
	N. Owen St. Entire Length	47.50	$60,000
	St. Stephens Rd Entire Length	28.80	$140,000
	Colonel Ellis Ave. Entire Length	31.20	$50,000
	Russell Rd. from Mt. Vernon Ave. to Masonic View Ave.	42.25	$900,000
	Circle Hill Dr. Entire Length	27.00	$65,000
	Fontaine St. from Woodland Terr. to Ridge Road Dr.	27.00	$65,000
	Fordham Rd. Entire Length	21.50	$60,000
	Raymond Ave. Entire Length	42.50	$80,000
	Tennessee Ave. from Old Dominion Blvd. to Valley Dr.	30.00	$100,000
	Halcyon Dr. from Tenneessee Ave. to N. Overlook Dr.	24.00	$65,000
	Leslie Ave. from Randolph Ave. to Duncan Ave.	25.50	$140,000
	E. Glebe Rd. from Jefferson Davis Hwy to Russell Rd	46.50	$200,000
	Kenwood Dr. from King St. to Crestwood Dr.	35.00	$125,000
	Crestwood Dr. Entire Length	33.00	$100,000
	Cameron St. from Union St. to Buchannan St.	44.50	$200,000
	Mt. Vernon Ave. from Braddock Rd. to Hume Ave.	42.00	$420,000
	Randolph Ave. Entire Length	25.50	$140,000
	CityWide Alley Resurfacing	< 20	$500,000
	N. Pickett from Polk Ave. to Dead End	44.20	$80,000
	N./ S. Henry St. from Slater's Ln. to Franklin St.	48.00	$500,000
	Pendleton St. Entire Length	42.50	$200,000
	Prince St. from Dangerfield Rd. to S. Columbus St.	35.00	$240,000
	Additional Costs and Contingency	N/A	$340,000
	TOTAL		**$5,300,000**

Street Reconstruction and Resurfacing of Major Roads (Continued)

	Section	Avg PCI	Estimated Cost
Proposed FY18 Paving Schedule	Hume Ave. Entire Length	38.00	$80,000
	Chambliss St. Entire Length in City	38.50	$80,000
	S. Payne St. from Wilkes St. to Dead End	34.00	$100,000
	W. Timber Branch Pkwy. from Braddock Rd. to Dead End	44.25	$100,000
	Taney Ave. from N. Early St. to N. Gordon St.	32.50	$80,000
	Scroggins Rd. from Braddock Rd. to King St.	25.00	$110,000
	Beverly Dr. from Old Dominion Blvd. to Wellington	29.00	$80,000
	Wilkes St. from Patrick St. to the dead end	17.00	$130,000
	Seminary Rd. from Beauregard to City Limit	38.00	$200,000
	Kennedy St./ Landover Rd. Entire Length	23.50	$380,000
	Cathedral St. Entire Length	43.00	$50,000
	Ft. Williams Pkwy Entire Length	40.00	$400,000
	Richenbacher Ave. from N. Terrill St. to N. Pickett St.	30.00	$100,000
	Mansion Dr. Entire Length	41.00	$125,000
	Malcolm Pl. Entire Length	37.00	$50,000
	Oakland Terr. Entire Length	31.00	$50,000
	CityWide Alley Resurfacing	< 20	$500,000
	Dartmouth Rd. from Crown View to Dead End	31.00	$125,000
	Crown View Dr. from Clover Way to Dartmouth Rd.	51.00	$75,000
	Skyhill Rd. from Janney's Ln. to Dead End	44.00	$100,000
	W. Taylor Run Pkwy. From Janney's Ln. to Dead End	42.00	$75,000
	Bryan St. from W. Taylor Run Pkwy. To Dead End	26.00	$75,000
	E/W Abingdon St. from First St. to Dead End	41.00	$300,000
	N/S Alfred St. from First St. to Church St.	39.00	$375,000
	E/W Linden St. Entire Length	39.00	$150,000
	Virginia Ave. Entire Length	36.00	$250,000
	Allison St. Entire Length	40.00	$150,000
	Holmes Run Pkwy. From Van Dorn to Dead End	41.00	$150,000
	Royal St. from King St. to Bashford	38.00	$250,000
	Francis Hammond Pkwy Entire Length	32.50	$100,000
	Fillmore Ave. from Chambliss to Beauregard	36.00	$125,000
	Additional Costs and Contingency	N/A	$385,000
	TOTAL		**$5,300,000**

Bridge Repairs

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 51411822

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	11,744,975	*7,444,975*	0	300,000	700,000	300,000	700,000	300,000	700,000	300,000	700,000	300,000	4,300,000
Financing Plan													
Prior City Funding	7,444,975	*7,444,975*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	1,175,000	*0*	0	225,000	175,000	75,000	125,000	75,000	175,000	75,000	175,000	75,000	1,175,000
GO Bonds	3,125,000	*0*	0	75,000	525,000	225,000	575,000	225,000	525,000	225,000	525,000	225,000	3,125,000
Total Financing Plan	11,744,975	*7,444,975*	0	300,000	700,000	300,000	700,000	300,000	700,000	300,000	700,000	300,000	4,300,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding in last year's CIP moved back one year as prior year balances will be sufficient to complete FY 2016 initiatives. Funding added for FY 2025.

Project Description & Justification

This project provides funding for the maintenance, repair, painting of steel structures, joint sealing, bearing repairs and 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.

Beginning in FY 2015 and continuing in FY 2016, utilizing existing project balances, work will begin on the maintenance and miscellaneous painting of the following bridges: Duke Street over Holmes Run, Sanger Avenue Culvert Replacement, Van Dorn Street over Holmes Run, Van Dorn Street over Duke Street, Cameron Station Overpass at Duke Street, Pedestrian Bridge over Holmes Run, Eisenhower Avenue over Cameron Run, Potomac Avenue over Four Mile Run, and the CSX railroad over Cameron Run.

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.

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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

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- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

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- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

King and Beauregard Intersection

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: 51411791

Project Location: King St. / Beauregard St. / Walter Reed Dr.
Reporting Area: Alexandria West
Project Category: 3 – New Facilities
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	16,002,862	*16,002,862*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	538,862	*538,862*	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	15,464,000	*15,464,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	16,002,862	*16,002,862*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	15,000	15,450	15,914	16,391	16,883	17,389	17,911	114,937
Cumulative Impact			0	0	0	15,000	30,450	46,364	62,754	79,637	97,026	114,937	114,937

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

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 scheduled to begin in early 2016, the utility relocation is anticipated to begin in fall 2016, and Phase II construction is anticipated to begin in fall of 2017 with an estimated completion date of mid-2019.

This project is funded, with $15.5 million of the total $16.0 million project cost paid for with Federal/State Urban Funds and re-programmed VDOT funds.

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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

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Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results that the community values

External or Internal Adopted Plan or Recommendation

- King/Beauregard Intersection Improvement Project approved by City Council, March 2010

Additional Operating Budget Impact

The initial operating impacts of this project will be approximately $15,000 annual maintenance costs of the traffic signals, lights, BMP's and trees beginning in FY 2019, increasing by inflation each year thereafter.

Eisenhower Avenue Roadway Improvements

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: 51411821

Project Location: Eisenhower Ave. from Mill Rd. to Holland Ln.
Reporting Area: Eisenhower East
Project Category: 3 – New Facilities
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	8,071,829	*8,071,829*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	534,000	*534,000*	0	0	0	0	0	0	0	0	0	0	0
TIP - Cash	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	7,000,000	*7,000,000*	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
Total Financing Plan	8,071,829	*8,071,829*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448	133,385
Cumulative Impact			0	0	15,000	30,450	46,364	62,754	79,637	97,026	114,937	133,385	133,385

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

This project involves 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. Due to the changing development projections and FHWA lane width determinations, the original project scope has been revised, and an interim plan will be constructed. The new project limits are from Mill Road to Holland Lane.

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 scaled back to an interim improvement described in the first paragraph. Full build-out will be constructed by developers as the parcels along the corridor are developed.

Project redesign based on the new project limits began in early 2011. The project is in the right of way acquisition phase. The final design is anticipated to be completed in mid-2016 and scheduled to go to construction in early 2017.

This project is fully funded, with $7.0 million of the total $8.1 million project cost paid for with Federal/State Urban Funds.

Once completed, this project will be consistent with the City's complete street guidelines, ensuring safe and efficient travel for motorists, bicyclists, and pedestrians.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

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Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results that the community values

External or Internal Adopted Plan or Recommendation

- Eisenhower East Small Area Plan approved by City Council, March 2003

Additional Operating Budget Impact

The initial operating impacts of this project will be approximately $15,000 annual maintenance costs of the traffic signals, lights, BMP's, and trees beginning in FY 2017, increasing by inflation each year thereafter.

King Street / Quaker Lane / Braddock Road Intersection

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 51411819

Project Location: King St. at Quaker Lane and Braddock Rd.
Reporting Area: Fairlington/Bradlee
Project Category: 3 – New Facilities
Estimated Useful Life: 25 years

King Street/Quaker Lane/Braddock Road Intersection													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,131,500	*6,150,000*	(5,018,500)	0	0	0	0	0	0	0	0	0	(5,018,500)
Financing Plan													
Prior City Funding	150,000	*150,000*	0	0	0	0	0	0	0	0	0	0	0
TIP - Cash	600,000	*600,000*	0	0	0	0	0	0	0	0	0	0	0
*TIP - GO Bonds	0	*5,400,000*	(5,400,000)	0	0	0	0	0	0	0	0	0	(5,400,000)
Private Capital Contributions	381,500	*0*	381,500	0	0	0	0	0	0	0	0	0	381,500
Total Financing Plan	1,131,500	*6,150,000*	(5,018,500)	0	0	0	0	0	0	0	0	0	(5,018,500)
Additional Operating Impact													
Annual Impact			0	0	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448	133,385
Cumulative Impact			0	0	15,000	30,450	46,364	62,754	79,637	97,026	114,937	133,385	133,385

Changes from Prior Year CIP: Based on a City staff reassessment of this project, it was determined the improvements to traffic operations could be achieved with a scaled back project scope. Therefore, $5.4 million in GO Bonds issued for transportation projects have been reallocated in FY 2016 and FY 2017, reducing the total project budget from all sources to $1.131 million.

* TIP - GO Bonds - The reduction in TIP - GO Bonds shown in FY 2016 is shown to detail the revised project budget. Those funds will be reappropriated in FY 2016 and FY 2017.

Project Description & Justification

This project was initially created to improve vehicular and pedestrian safety and minimize delays through the intersection while also minimizing right-of-way impacts to adjacent properties. The project has subsequently been refined to address safety issues created by driver confusion by focusing on signalization and signage. Geometric improvements to the intersection will be part of future redevelopment.

The scope of this project replaces the span wire traffic signals with mast arm signals. The installation of mast arms will allow for the placement of much needed directional signs, precise placement of signal heads and the installation of vehicle detection. These improvements are expected to mitigate driver confusion and allow for a more efficient conveyance of vehicles and pedestrians through the intersection. Also included in this project are modifications to the slip ramp between King Street and the service road as well as modifying the entrance to the service road at North Quaker Lane. The project design is expected to be complete in summer 2016. Construction is anticipated to begin in early 2017.

As part of the funding sources noted in the table above, the developer of the Bradlee Safeway (DSUP#2011-0015) agreed to provide a contribution of $200,000 toward design of intersection improvements at King/Quaker/Braddock and $181,500 for installation of pedestrian and vehicular improvements in the vicinity of the intersection.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

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External or Internal Adopted Plan or Recommendation

- FY 2016 Budget Memo #4 – "Update on the King Street / Quaker Lane / Braddock Road Intersection Improvement Project"
- FY 2016 Budget Memo #26 – "FY 2015 & FY 2016 Final Revenue Projections and Adjustments and FY 2016 Expenditure Budget Adjustments"
- Route 7 Spot Improvement Study, completed April 2010

Additional Operating Budget Impact

The initial operating impacts of this project will be approximately $15,000 annual maintenance costs of the traffic signals and street lights beginning in FY 2018.

Route 1 at East Reed Avenue

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 51412235

Project Location: Route 1 at E. Reed Avenue
Reporting Area: Potomac West
Project Category: 3 – New Facilities
Estimated Useful Life: 25 years

Route 1 @ E. Reed Intersection Improvements													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	385,000	*385,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	35,000	*35,000*	0	0	0	0	0	0	0	0	0	0	0
NVTA - 30%	350,000	*350,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	385,000	*385,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	500	0	0	10,000	0	0	10,500
Cumulative Impact			0	0	0	0	500	500	500	10,500	10,500	10,500	10,500

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

This project includes the addition of a southbound right turn lane on Route 1 at E. Reed Avenue. There is currently a third southbound lane that ends approximately 200 feet north of the intersection. The third lane would be extended to the intersection to provide a right turn lane.

Completion of this project is approved to be implemented to coincide with the affordable housing project on Reed Avenue. The right turn lane is needed to reduce congestion and improve safety. As part of the adjacent development proposal, City Council requested that staff further evaluate the feasibility of constructing this improvement.

Preliminary traffic analysis has been completed, and the concept design is 10% completed. Outreach to the community has begun and will continue through the project. The project design is anticipated to be complete in late 2015. The construction is scheduled to begin in the spring of 2016.

The total cost of the turn lane improvement is $385,000, with NVTA 30% funding utilized for project construction which will consist of relocation of traffic signal equipment and utilities, drainage improvements, and new asphalt paving and curb and gutter.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

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External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Improvement will add additional pavement / road area to the intersection. There will be maintenance impacts related to paving costs and pavement marking costs, with pavement marking assumed to occur once every five years and repaving assumed to occur once every ten years. A $500 pavement marking maintenance cost has been included in FY 2020 and a $10,000 repaving maintenance cost has been included in FY 2023.

Seminary Road at Beauregard Street Ellipse

Document Subsection: Streets & Bridges
Managing Department: Dept. of Project Implementation
Supporting Department(s): Planning & Zoning
ORG: 51412209

Project Location: Seminary Rd. at Beauregard St.
Reporting Area: Beauregard Small Area Plan / Seminary West
Project Category: 3 – New Facilities
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	36,400,000	*1,500,000*	(1,500,000)	0	3,500,000	16,200,000	16,700,000	0	0	0	0	0	34,900,000
Financing Plan													
*TIP - Cash	0	*325,000*	(325,000)	0	0	0	0	0	0	0	0	0	(325,000)
*NVTA 30%	0	*425,000*	(425,000)	0	0	0	0	0	0	0	0	0	(425,000)
Developer Contributions	36,400,000	*750,000*	(750,000)	0	3,500,000	16,200,000	16,700,000	0	0	0	0	0	35,650,000
Total Financing Plan	36,400,000	*1,500,000*	(1,500,000)	0	3,500,000	16,200,000	16,700,000	0	0	0	0	0	34,900,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	25,000	25,750	26,523	27,318	28,138	132,728
Cumulative Impact			0	0	0	0	0	25,000	50,750	77,273	104,591	132,728	132,728
Changes from Prior Year CIP: No changes to planned FY 2018 - 2020 funding. Changes in FY 2016 reflect the reprogramming of prior year project balances for other transportation related projects.													

*The reduction to TIP - Cash and NVTA 30% funding supporting this project is shown for informational purposes only to provide details on the full project budget. Those funds will be reappropriated to other transportation projects in FY 2016.

Project Description & Justification

The intersection of Beauregard Street and Seminary Road is approved to be reconfigured in the form of an at-grade intersection, referred to as an "ellipse" due to its geometric layout. The approved ellipse would eliminate left turns from both directions along Seminary Road and redirect those movements as right turns, which would subsequently circulate around part of the ellipse to continue in the desired direction. Although the traffic circulation pattern of the ellipse would be very similar to that of a modern roundabout, through traffic movements along Seminary Road would be allowed to pass straight through the center island of the ellipse. Therefore, several traffic signals will be required around the ellipse to alternate the right-of-way among the various movements. The current design concept for the ellipse shows the approved intersection of Beauregard Street at Main Street (from Southern Towers) located at the northern end of the ellipse.

A conceptual design has been prepared for the ellipse as part of the Beauregard Small Area Plan. It is planned that each redevelopment site adjacent to the Ellipse would dedicate all the necessary right-of-way for the ellipse at the intersection of Seminary Road and Beauregard Street. The amount, size, and location of the right-of-way shall be determined during the next phase of design. Due to delays in development activity, the City funding for design and engineering has been reallocated to higher priority projects.

Funding (currently estimated at $36.4 million) for full project design and engineering and construction is not planned until FY 2018 – 2020, and would be funded primarily with private (development) capital contributions.

The ellipse was recommended as a needed project in the Beauregard Small Area Plan, to support future development in the Beauregard area. 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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Ensure Alexandria supports, retains, and attracts businesses
- Increase the value of the real estate tax base

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results that the community values

External or Internal Adopted Plan or Recommendation

- Beauregard Small Area Plan adopted June 2012

Additional Operating Budget Impact

The initial operating impacts of this project will be approximately $25,000 in annual maintenance costs of the new transportation infrastructure beginning in FY 2021, increasing by inflation thereafter.

Madison and Montgomery Improvements

Document Subsection: Streets & Bridges
Project Location: Madison St. & Montgomery St. between Fairfax St. and St. Asaph St.
Managing Department: Transportation & Environmental Services
Reporting Area: Old Town North
Supporting Department(s): Dept. of Project Implementation
Project Category: 2 – Renovations/Existing Assets
ORG: 51411799
Estimated Useful Life: 25 years

Madison & Montgomery Improvements													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,750,000	*1,750,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	650,000	*650,000*	0	0	0	0	0	0	0	0	0	0	0
TIP - Cash	1,100,000	*1,100,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	1,750,000	*1,750,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding of $6.325 million eliminated from FY 2017. City staff will complete improvements with current available balances which will solve immediate road condition problems.

Project Description & Justification

This project provides funding for design and road reconstruction in a three square-block area of Old Town bounded by Madison and Montgomery streets between Fairfax and St. Asaph. These streets partially lie over an abandoned canal that was eventually filled by converting it into a landfill. Continual settlement of the landfill has led to warped pavement and unstable roadways in the area. There has also been considerable deformation of the sidewalks and curb and gutter due to adverse tree root impacts and overall settlement. Preliminary engineering suggests that some sections of roadway sub-base will need to be stabilized in addition to some reconstruction to improve drainage.

Current (FY 2015) and prior-year funding in the amount of $1.75 million are providing for design and construction to address areas of most severe settlement, with the current focus on St. Asaph Street between Madison and Montgomery. Preliminary engineering for this effort is underway, and final design is scheduled for completion in FY 2016, with construction estimated to begin in FY 2017. Completion of this project will prevent future roadway and sidewalk settlement in this area while improving pavement quality. It will also eliminate the ponding and freezing problems in these roadways and intersections.

The proposed CIP does not reflect an additional $6.3 million in FY 2017 funding that had previously been proposed for complete reconstruction of the three square-block area. However, staff expects to resubmit a future-year request as the scope of the problem is refined throughout FY2016 - 2017 and the most efficient and effective means of reconstruction is finalized.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results that the community values

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Duke Street Reconstruction

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: 51412174

Project Location: Duke Street @ Landmark Mall
Reporting Area: Landmark/Van Dorn
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 25 years

Duke Street Reconstruction													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,650,000	*450,000*	1,200,000	0	0	0	0	0	0	0	0	0	1,200,000
Financing Plan													
Prior City Funding	150,000	*150,000*	0	0	0	0	0	0	0	0	0	0	0
Prior Year/Close-Out -City	600,000	*0*	600,000	0	0	0	0	0	0	0	0	0	600,000
Reprogrammed TIP Bonds	75,000	*0*	75,000	0	0	0	0	0	0	0	0	0	75,000
State Revenue Sharing	825,000	*300,000*	525,000	0	0	0	0	0	0	0	0	0	525,000
Total Financing Plan	1,650,000	*450,000*	1,200,000	0	0	0	0	0	0	0	0	0	1,200,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added in FY 2016 from both State Revenue Sharing and City funds to complete the entire scope of this project.

Project Description & Justification

This project provides funding for design and construction of new pavement for Duke Street, beginning just west of the intersection with South Walker St. and moving east for approximately 600 feet toward Van Dorn Street. Damage and deterioration of the existing concrete pavement caused by heavy traffic require full-depth roadway reconstruction on portions of this road. Previous maintenance efforts including asphalt patching are not an effective long-term solution for this heavily used roadway that provides connectivity to nearby Interstate 395.

The project is funded by a combination of City funds and State Revenue Sharing funds. Project design is complete and construction is anticipated to begin in FY 2016.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results that the community values

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

East Glebe and Route 1

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: TBD

Project Location: East Glebe Road and Route 1
Reporting Area: Potomac Yard
Project Category: 3 – New Facilities
Estimated Useful Life: 25 years

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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	3,000,000	*0*	0	0	0	3,000,000	0	0	0	0	0	0	3,000,000
Financing Plan													
Developer Contributions	3,000,000	*0*	0	0	0	3,000,000	0	0	0	0	0	0	3,000,000
Total Financing Plan	3,000,000	*0*	0	0	0	3,000,000	0	0	0	0	0	0	3,000,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: New project added for FY 2019.

Project Description & Justification

This intersection safety project proposes to construct improvements identified in the Oakville Triangle and Route 1 Corridor Planning Process that would accommodate future traffic generated by surrounding development. Improvements currently envisioned by this project would focus on East Glebe Road traveling eastbound and may include the establishment of an exclusive left-turn lane (from East Glebe onto northbound Route 1), through lane, and right-turn lane (from East Glebe onto southbound Route 1). An initial phase of the project would include a shorter right-turn pocket that will eventually be extended to the west as additional development occurs.

It is anticipated that the project would be primarily funded through developer contributions and some elements may require acquisition of additional right-of-way. Completion of this project will allow traffic to move through the intersection in a safe and efficient manner.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results that the community values

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

City Standard Construction Specifications

Document Subsection: Streets & Bridges
Managing Department: Department of Project Implementation
Supporting Department(s): Multiple Departments
ORG: TBD

Project Location: N/A
Reporting Area: N/A
Project Category: 3 – New Facilities
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	200,000	*0*	200,000	0	0	0	0	0	0	0	0	0	200,000
Financing Plan													
Cash Capital	100,000	*0*	100,000	0	0	0	0	0	0	0	0	0	100,000
TIP - Cash	50,000	*0*	50,000	0	0	0	0	0	0	0	0	0	50,000
Sanitary Sewer Fees	50,000	*0*	50,000	0	0	0	0	0	0	0	0	0	50,000
Total Financing Plan	200,000	*0*	200,000	0	0	0	0	0	0	0	0	0	200,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: New project added for FY 2016.

Project Description & Justification

The Department of Project Implementation (DPI) is requesting funds to develop 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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Livable, Green, and Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results that the community values

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

High Street Construction

Document Subsection: Streets & Bridges

Project Location: High St. west of and parallel to Van Dorn St. from West End Town Center to Pickett St

Managing Department: Transportation & Environmental Services
Supporting Department(s): Planning & Zoning
ORG: TBD

Reporting Area: Landmark/Van Dorn
Project Category: 3 – New Facilities
Estimated Useful Life: 25 years

High Street Construction													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	500,000	*0*	0	0	0	0	0	0	0	500,000	0	0	500,000
Financing Plan													
TIP - Cash	500,000	*0*	0	0	0	0	0	0	0	500,000	0	0	500,000
Total Financing Plan	500,000	*0*	0	0	0	0	0	0	0	500,000	0	0	500,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			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

This project provides preliminary design and engineering funding for the construction of a new High Street west of and parallel to Van Dorn Street from West End Town Center to Pickett Street, including Duke Street grade separated crossing. This project was identified in the Landmark/Van Dorn Small Area Plan and would be completed as part of the phased redevelopment of Landmark Mall.

Funding is provided for initial design and engineering in FY 2023 through the Transportation Improvement Program (TIP). Funding may be recommended to be accelerated in future Capital Improvement Programs based on future development planning.

The timing of construction is not known at this time. The total estimated cost of this project is $18.4 million (in FY 2013 dollars) and is contingent on the development of a funding plan.

The improvement is necessary to support future traffic associated with redevelopment of the Landmark/Van Dorn area. Improvements will improve mobility within the Landmark/Van Dorn area, support high capacity transit, and reduce impacts to the regional transportation system.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieve results that the community values

External or Internal Adopted Plan or Recommendation

- Landmark/Van Dorn Corridor Plan approved by City Council, February 2009

Additional Operating Budget Impact

No additional operating impact is noted at this time. Funding is provided for study/feasibility work only.

Van Dorn Multimodal Bridge

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): Planning & Zoning
ORG: TBD

Project Location: Van Dorn Metro Station to Pickett St.
Reporting Area: Landmark / Van Dorn
Project Category: 3 – New Facilities
Estimated Useful Life: 25 years

Van Dorn Metro Multimodal Bridge													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	500,000	*0*	0	0	0	0	0	0	0	500,000	0	0	500,000
Financing Plan													
TIP - Cash	500,000	*0*	0	0	0	0	0	0	0	500,000	0	0	500,000
Total Financing Plan	500,000	*0*	0	0	0	0	0	0	0	500,000	0	0	500,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			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

This project provides preliminary design and engineering funding for the construction of a multimodal bridge from the Van Dorn Metro Station to Pickett Street. This project was identified in the Landmark/Van Dorn Small Area Plan and will provide improved access for bicycles, pedestrians and transit from Pickett Street to the Van Dorn Metro Station.

Funding is provided for initial design and engineering in FY 2023 through the Transportation Improvement Program (TIP) to support the developer contributions and other sources required for project financing. Funding may be recommended to be accelerated in future Capital Improvement Programs based on future development planning.

This project is estimated to cost $22.0 million (in FY 2013 dollars), and completion is contingent on substantial private (development) capital contributions.

The improvement is necessary to support future traffic associated with redevelopment of the Landmark/Van Dorn area. Improvements will improve mobility within the Landmark/Van Dorn area, support high capacity transit, and reduce impacts to the regional transportation system.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Achieve results that the community values

External or Internal Adopted Plan or Recommendation

- Landmark/Van Dorn Corridor Plan approved by City Council, February 2009

Additional Operating Budget Impact

No additional operating impact is noted at this time. Funding is provided for study/feasibility work only.

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FIXED TRANSPORTATION EQUIPMENT

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Fixed Transportation Equipment
Approved FY 2016 – 2025 Capital Improvement Program
Summary of Projects

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Transportation											
Fixed Transportation Equipment											
Fixed Transportation Equipment	850,000	850,000	1,450,000	850,000	850,000	850,000	850,000	2,350,000	850,000	850,000	10,600,000
Traffic Control Upgrade	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Intelligent Transportation Systems (ITS) Integration	0	1,918,063	0	0	0	0	0	0	0	0	1,918,063
Citywide Transportation Management System (SCOOT/TDi)	0	0	0	0	0	0	0	0	0	0	0
Transportation Technologies	250,000	175,000	0	0	250,000	0	250,000	0	250,000	0	1,175,000
Parking Technologies	0	0	110,000	200,000	0	500,000	0	0	0	0	810,000
FY 2016 - 2025 Fixed Transportation Equipment	1,200,000	3,043,063	1,660,000	1,150,000	1,200,000	1,450,000	1,200,000	2,450,000	1,200,000	950,000	15,503,063

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Fixed Transportation Equipment

Document Subsection: Fixed Transportation Equipment
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 49411771

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	26,822,833	*16,222,833*	850,000	850,000	1,450,000	850,000	850,000	850,000	850,000	2,350,000	850,000	850,000	10,600,000
Financing Plan													
Prior City Funding	16,222,833	*16,222,833*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	3,000,000	*0*	225,000	225,000	425,000	225,000	225,000	225,000	225,000	575,000	325,000	325,000	3,000,000
General Obligation Bonds	7,600,000	*0*	625,000	625,000	1,025,000	625,000	625,000	625,000	625,000	1,775,000	525,000	525,000	7,600,000
Total Financing Plan	26,822,833	*16,222,833*	850,000	850,000	1,450,000	850,000	850,000	850,000	850,000	2,350,000	850,000	850,000	10,600,000
Additonal Operating Impact													
Annual Impact			0	0	2,500	5,000	7,500	10,000	12,500	15,000	17,500	20,000	90,000
Cumulative Impact			0	0	2,500	7,500	15,000	25,000	37,500	52,500	70,000	90,000	90,000

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year 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. Staff plans to replace the poles at five intersections per year.

Funding is also provided for replacement of the multi-space meters in East Eisenhower/Carlyle in 2018 and in Old Town in 2023. As with all technology driven devices, these meters will have reached the end of their useful life and will need to be replaced.

All funding will be used for the procurement of equipment and construction service.

Annual funding maintains the value of the City's physical assets sustainability by funding the maintenance of critical infrastructure. Additionally, public safety concerns are addressed by installing new traffic signals to improve the safety at dangerous intersections.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the City government

Focus Area: Livable, Green, and Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

This project is ongoing and provides for the upgrade, maintenance and replacement of traffic control and parking equipment, as well as the installation of new traffic signals and small scale parking meter projects. Staff estimates that one new traffic signal will be constructed per year with an annual operating impact of $2,500 per signal. No signals are planned in FY 2016 & FY 2017, so the additional operating impact begins in FY 2018.

Fixed Transportation Equipment (Continued)

Fixed Transportation Equipment Category 1 Project List

Fiscal Year 2016	
Description	Amount
Reconstruct signal at Van Dorn & Kenmore	$ 135,000
Reconstruct signal at King & 28th	$ 150,000
Reconstruct signal at Preston & Quaker	$ 150,000
Reconstruct signal at Slaters & Abingdon	$ 150,000
Reconstruct signal at King & Peyton	$ 125,000
LED Upgrades	$ 30,000
Repair and upgrade of detection	$ 60,000
Knockdowns from accidents	$ 50,000
Total Fiscal Year 2016	$ 850,000

Fiscal Year 2017	
Description	Amount
Reconstruct signal at Bashford & Abingdon	$ 150,000
Reconstruct signal at Columbus & Prince	$ 135,000
Reconstruct signal at Wilkes & Columbus	$ 135,000
Reconstruct signal at Alfred & Cameron	$ 135,000
Reconstruct signal at Alfred & Prince	$ 135,000
LED Upgrades	$ 50,000
Repair and upgrade detection	$ 60,000
Knockdowns from accidents	$ 50,000
Total Fiscal Year 2017	$ 850,000

Fiscal Year 2018	
Description	Amount
Reconstruct signal at Van Dorn & Van Dorn Plaza	$ 135,000
Reconstruct signal at Commonwealth & Braddock	$ 135,000
Reconstruct signal at King & Menokin	$ 150,000
Reconstruct signal at King & Dearing	$ 150,000
New Signal (undertermined location)	$ 150,000
LED Upgrades	$ 20,000
Repair and upgrade detection	$ 60,000
Knockdowns from accidents	$ 50,000
Replace multi-space meters in East Eisenhower	$ 600,000
Total Fiscal Year 2018	$ 1,450,000

Traffic Control Upgrade

Document Subsection: Fixed Transportation Equipment
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated Useful Life: Varies

Traffic Control Upgrade													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,000,000	*0*	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													
Cash Capital	1,000,000	*0*	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Total Financing Plan	1,000,000	*0*	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: This is a new project added for FY 2016 - 2025.

Project Description & Justification

The Traffic Control Upgrade project will fund the maintenance and upgrading of transportation management technology systems. The recent completion of the ITS Integration Phase I project installed technology driven infrastructure, such as a broad band fiber optic communications network throughout parts of the City, traffic surveillance cameras, and a management center at Business Center Drive.

Future phases of the ITS Integration project will expand the fiber optic network, add more traffic cameras as well as add other devices, such as pavement temperature sensors and flood monitoring stations. The information from all these devices will go to the management center at Business Center Drive. The management center will be activated during snow removal operations and emergency events as well as for transportation management. The technology infrastructure associated with this initiative will be maintained and upgraded with the funding from this program. Technology has a short life and must constantly be upgraded to prevent obsolescence and failure. These devices are expensive and if one fails prematurely, staff needs to have a readily available source of funding to purchase replacements.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the government is accountable to the community
- Ensure the fiscal strength of the City government

Focus Area: Livable, Green, and Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

No additional impact to the operating budget is anticipated.

Intelligent Transportation Systems (ITS) Integration

Document Subsection: Fixed Transportation Equipment
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 49411772

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: Varies

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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	8,607,588	*6,689,525*	0	1,918,063	0	0	0	0	0	0	0	0	1,918,063
Financing Plan													
Prior City Funding	39,356	*39,356*	0	0	0	0	0	0	0	0	0	0	0
State/Federal Grants	6,650,169	*6,650,169*	0	0	0	0	0	0	0	0	0	0	0
CMAQ/RSTP	1,918,063	*0*	0	1,918,063	0	0	0	0	0	0	0	0	1,918,063
Total Financing Plan	8,607,588	*6,689,525*	0	1,918,063	0	0	0	0	0	0	0	0	1,918,063
Additional Operating Impact													
Annual Impact			0	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668	101,591
Cumulative Impact			0	10,000	20,300	30,909	41,836	53,091	64,684	76,625	88,923	101,591	101,591

Changes from Prior Year CIP: Planned grant funding in FY 2016 is shifted to FY 2017 as prior year balances are sufficient to complete FY 2016 initiatives. Additional budget authority will not be required until FY 2017.

Project Description & Justification

This project provides funding for the deployment and upgrade of Intelligent Transportation Systems (ITS). Much of this work will focus on designing and constructing a broadband communications network, installing traffic cameras and other field devices, such as weather stations, flood monitoring equipment, pavement temperature sensors, etc.

ITS Integration Phase I will be completed in the third quarter of FY 2015. This phase of the project installed a broadband fiber optic communications network, 11 traffic surveillance cameras, and a management center at Business Center Drive.

ITS Integration Phase II will be advertised for construction in the third/fourth quarter of FY 2015 and take approximately 18 months to complete. Phase II will expand the communications network installed in Phase I and install additional traffic surveillance cameras. Future phases of the project will add new capabilities, such as pavement temperature sensors, flood monitors and future vehicle to infrastructure technology applications currently being developed by the Federal Government.

Completion of this project will replace much of the City's 30 year old traffic signal communications and allow public safety department technology to monitor conditions on the City's roadway network.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Additional operating costs estimated based on hardware and software requirements to run CCTV cameras and manage the network.

Citywide Transportation Management System (SCOOT/TDi)

Document Subsection: Fixed Transportation Equipment
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: Varies

Citywide Transportation Management System (SCOOT/TDi)													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
NVTA 70%	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding requested.

Project Description & Justification

The Split Cycle Offset Optimization Technique/Transportation Data Information (SCOOT/TDi) system is an advanced, real-time system that tracks movement of all transportation modes through the transportation network. This technology will advance the City's signal system so that staff can utilize this real time travel information for better optimization of signal timings as well as optimal planning for infrastructure projects.

SCOOT analyzes real-time traffic data to optimize the operation of traffic signals in the network. TDi anonymously locates and tracks the movement of cellular devices (3G/4G/CDNA/GSM networks). Filters differentiate between modes of transportation and vehicles. By monitoring cellular device movement over time, the system is able to determine the speed at which a vehicle/pedestrian is traveling and thus the flow of traffic along any section of road. Tracking specific anonymous cellular devices provides current and historical data on origins, destinations, route selection and travel speed, providing powerful and robust planning and operations data.

This project has three components – concept strategy and benefits mapping (CS), preliminary engineering (PE), and implementation. Funding was provided only for the CS phase through NVTA 70% funds in FY 2015.

The concept strategy (CS) phase will involve thorough understanding of the City of Alexandria travel and traffic arrangements, key stakeholders, and the benefits to be realized from a project of this scale. Major wireless service providers will be queried to assess interest and determine the costs and ability of the various providers to provide the required service. The concept phase output will be a full brief for the PE and implementation phases.

The future PE phase will involve developing (1) concept of operations, (2) system requirements, (3) high level design, (4) detailed design, (5) bid package, estimates, and project schedule, and (6) system and subsystem validation, verification and testing plans. The implementation phase will involve installation, integration, validation, verification, testing, and acceptance of the system.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

None at this time. Funding provided for an initial planning and feasibility study only.

Transportation Technologies

Document Subsection: Fixed Transportation Equipment
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 49412090

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: Varies

Transportation Technologies													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,578,400	*403,400*	250,000	175,000	0	0	250,000	0	250,000	0	250,000	0	1,175,000
Financing Plan													
TIP - Cash	1,463,400	*403,400*	135,000	175,000	0	0	250,000	0	250,000	0	250,000	0	1,060,000
Reprogrammed TIP Bonds	115,000	*0*	115,000	0	0	0	0	0	0	0	0	0	115,000
Total Financing Plan	1,578,400	*403,400*	250,000	175,000	0	0	250,000	0	250,000	0	250,000	0	1,175,000
Additional Operating Impact													
Annual Impact			0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: Planned funding in last year's CIP over the ten-year plan is reduced by $75,000 due to the reprioritizaiton of TIP funding.

Project Description & Justification

This project funds the deployment of small, undefined transportation technology projects to improve efficiency of the transportation network through technology.

In the past, funding was used to upgrade the Old Town multi-space meter modems from 2G to 3G to ensure continued operation and reliability when the cellular service provider upgraded their network.

Real Time Passenger Information is the delivering of actual real information to transit stop locations that have significant ridership and connection ability. Real Time helps passengers who are planning their travel, waiting for an arriving vehicle, or already onboard. Accurate and reliable passenger information is critical to increasing mass transport ridership and has a positive economic effect on a city by reducing lost productivity and personal time.

Real Time Passenger Arrival uses communications-based technologies that make travel more efficient and effective using the transportation network that exists, while building smarter infrastructure to meet future demands. The benefits of ITS technologies are measured in the increase in ridership based on safety, time, and money.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Unknown at this time. Operating costs will be determined once the full scope of work for the technologies implemented is identified.

Parking Technologies

Document Subsection: Fixed Transportation Equipment
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: 10 years

Parking Technologies													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	810,000	*0*	0	0	110,000	200,000	0	500,000	0	0	0	0	810,000
Financing Plan													
CMAQ/RSTP	810,000	*0*	0	0	110,000	200,000	0	500,000	0	0	0	0	810,000
Total Financing Plan	810,000	*0*	0	0	110,000	200,000	0	500,000	0	0	0	0	810,000
Additional Operating Impact													
Annual Impact			0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: CMAQ/RSTP funding was added for FY 2021. No other changes from the prior year CIP.

Project Description & Justification

This project provides funding for the deployment of new parking technologies, such as real time parking occupancy systems for on-street spaces, website based interactive parking map, dynamic signage that would illustrate real-time parking availability in city-owned garages, and other parking technology. These technologies will mostly be off the shelf solutions requiring minimal design and engineering.

This project is fully funded with CMAQ/RSTP funds anticipated in FY 2018 – 2021. Specific projects include:

- FY 2018 ($110,000): Phase I – Begin installing sensors in all City owned garages; begin to install sensors or similar technology in on-street spaces; and install dynamic directional signage that would indicate real-time parking availability and direct parkers to available parking spaces.
- FY 2019 ($200,000): Phase II – Continue installing sensors in all City owned garages; continue installing sensors or similar technology in on-street spaces; and continue installing dynamic directional signage that would indicate real-time parking availability and direct parkers to available parking spaces.
- FY 2021 ($500,000): Phase III – Develop interactive mobile and web-based applications to display both on-street and off-street real-time parking occupancy and availability using data from sensors installed in Phases I and II.

Depending on technology selected to monitor on-street space utilization and availability, additional funding may be needed to complete this project.

Once implemented, these technologies will support economic development by providing more efficient parking strategies and allow the City to manage parking and traffic assets more efficiently.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 3 – Transportation

Focus Area: Livable, Green, and Prospering City

- Increase transportation system mobility, connectivity, and accessibility that supports the City's economy
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Ensure Alexandria supports, retains, and attracts businesses

External or Internal Adopted Plan or Recommendation

- Old Town Area Parking Study

Additional Operating Budget Impact

Unknown at this time. Operating costs will be determined once specific technologies are identified.

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SANITARY SEWERS

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Sanitary Sewers
Approved FY 2016 - 2025 Capital Improvement Program
Summary of Projects

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Holmes Run Trunk Sewer	0	0	0	0	0	0	0	0	0	0	0
Combined Sewer Overflow 001 Planning	0	0	0	0	0	0	0	0	0	0	0
Four Mile Run Sanitary Sewer Repair	200,000	0	0	0	0	0	0	0	0	0	200,000
Combined Sewer System (CSS) Permit Compliance	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Reconstructions & Extensions of Sanitary Sewers	500,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	8,600,000
Wet Weather Management Facility	0	2,250,000	8,750,000	9,000,000	0	0	0	0	0	0	20,000,000
Combined Sewer Separation Projects	0	400,000	600,000	200,000	200,000	600,000	200,000	200,000	600,000	200,000	3,200,000
Citywide Sewershed Infiltration & Inflow	0	3,000,000	2,375,000	3,075,000	2,850,000	4,000,000	0	0	0	0	15,300,000
Sewer Assessment & Rehabilitation	0	0	0	3,700,000	2,550,000	2,550,000	0	0	0	0	8,800,000
AlexRenew Wastewater Treatment Plant Capacity	0	0	0	0	11,070,000	11,400,000	11,750,000	0	0	0	34,220,000
FY 2016 - 2025 Sanitary Sewers Total	1,000,000	6,850,000	12,925,000	17,175,000	17,870,000	19,750,000	13,150,000	1,400,000	1,800,000	1,400,000	93,320,000

Sanitary Sewers Ten-Year Plan
Approved FY 2016 – 2025 Capital, Operating and Debt Service

Sanitary Sewer Rate	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 16-25
Sanitary Sewer Rate ($ per 1,000 gallons)	$1.25	$1.25	$1.40	$1.68	$2.18	$2.63	$2.96	$2.96	$3.00	$3.00	
Proposed Rate Increase	**0.0%**	**12.0%**	**20.0%**	**30.0%**	**20.5%**	**12.5%**	**0.0%**	**1.3%**	**0.0%**	**0.0%**	
New Sanitary Sewer Rate	$1.25	$1.40	$1.68	$2.18	$2.63	$2.96	$2.96	$3.00	$3.00	$3.00	

Revenues	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 16-25
Sewer Line Maintenance Fee	6,000,000	6,770,400	8,185,414	10,720,845	13,015,508	14,752,265	14,862,907	15,161,559	15,275,271	15,389,835	**120,134,005**
Sewer Connection Fee	4,600,000	3,750,000	3,750,000	2,200,000	2,310,000	2,425,500	2,546,775	2,674,114	2,807,819	2,920,132	**29,984,340**
New Debt Issuance	0	5,850,000	11,925,000	14,325,000	15,595,000	17,475,000	12,150,000	400,000	800,000	400,000	**78,920,000**
Reprogrammed Prior Year Funding	0	0	0	0	0	0	0	0	0	0	**0**
Fund Balance Carryover	0	122,800	172,709	352,406	46,778	511,510	815,546	186,685	(49,452)	121,121	
Total Revenues	**10,600,000**	**16,493,200**	**24,033,123**	**27,598,251**	**30,967,286**	**35,164,276**	**30,375,228**	**18,422,358**	**18,833,638**	**18,831,088**	**229,038,345**

All Operating	6,588,752	6,349,035	6,640,651	6,897,589	7,599,084	7,955,166	8,167,747	8,403,919	8,629,573	8,859,423	**76,090,940**
All Capital Projects	1,300,000	6,850,000	12,925,000	15,325,000	16,595,000	18,475,000	13,150,000	1,400,000	1,800,000	1,400,000	**89,220,000**
All Debt Service	2,588,448	3,121,455	4,115,066	5,328,884	6,261,692	7,918,564	8,870,796	8,667,891	8,282,944	8,099,443	**63,255,183**
Total Expenditures	**10,477,200**	**16,320,490**	**23,680,717**	**27,551,473**	**30,455,776**	**34,348,730**	**30,188,543**	**18,471,810**	**18,712,517**	**18,358,866**	**228,566,123**

Operating Costs	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 16-25
T&ES Personnel Charges (incl. Worker's Comp)	2,836,967	2,922,076	3,009,739	3,100,031	3,193,032	3,288,823	3,387,487	3,489,112	3,593,785	3,701,599	**32,522,651**
DPI Personnel Charges	558,947	575,715	592,987	610,776	629,100	647,973	667,412	687,434	708,057	729,299	**6,407,701**
Indirect Costs (Tr to G.F.)	975,200	967,877	1,098,058	1,188,718	1,409,947	1,580,354	1,601,691	1,640,882	1,663,644	1,684,517	**13,810,888**
Sewer Jet Cleaning	250,000	250,000	257,500	265,225	273,182	281,377	289,819	298,513	307,468	316,693	**2,789,777**
Corrective Maintenance	103,000	106,090	109,273	112,551	115,927	119,405	122,987	126,677	130,477	134,392	**1,180,780**
Other Non-Personnel (Training, Utilities, Rentals, etc.)	141,343	145,583	149,951	154,449	159,083	163,855	168,771	173,834	179,049	184,420	**1,620,337**
DPI Standard Specifications	0	0	0	0	0	0	0	0	0	0	**0**
Equipment Replacement	118,895	122,462	126,136	129,920	133,817	137,832	141,967	146,226	150,613	155,131	**1,362,997**
Sanitary Sewer Capacity Study - Flow Metering, Sewer Modeling, CMOM	560,000	400,000	412,000	424,360	437,091	450,204	463,710	477,621	491,950	506,708	**4,623,642**
Sewer Billing	82,400	84,872	87,418	90,041	92,742	95,524	98,390	101,342	104,382	107,513	**944,624**
Annual CCTV of Sewers	412,000	424,360	437,091	450,204	463,710	477,621	491,950	506,708	521,909	537,567	**4,723,118**
Heavy Cleaning of Sewers	550,000	350,000	360,500	371,315	382,454	393,928	405,746	417,918	430,456	443,370	**4,105,687**
Wet Weather Management Facility Operating	0	0	0	0	309,000	318,270	327,818	337,653	347,782	358,216	**1,998,739**
Subtotal, Operating Costs	***6,588,752***	***6,349,035***	***6,640,651***	***6,897,589***	***7,599,084***	***7,955,166***	***8,167,747***	***8,403,919***	***8,629,573***	***8,859,423***	***76,090,940***

Sanitary Sewers Ten-Year Plan
Approved FY 2016 – 2025 Capital, Operating and Debt Service (Continued)

Capital Projects	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 16-25
Reconstruction and Extension of Sanitary Sewers	500,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	**8,600,000**
Wet Weather Management Facility	0	2,250,000	8,750,000	9,000,000	0	0	0	0	0	0	**20,000,000**
Sewer Separation Projects	0	400,000	600,000	200,000	200,000	600,000	200,000	200,000	600,000	200,000	**3,200,000**
Green Infrastructure in CSO Areas	250,000	0	0	0	0	0	0	0	0	0	**250,000**
Combined Sewer Permit Compliance	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	**3,000,000**
City Standard Construction Specs	50,000	0	0	0	0	0	0	0	0	0	**50,000**
Citywide Sewershed Rehab and I&I Red.	0	3,000,000	2,375,000	3,075,000	2,850,000	4,000,000	0	0	0	0	**15,300,000**
Combined Sewer Assessment and Rehab	0	0	0	1,850,000	1,275,000	1,275,000	0	0	0	0	**4,400,000**
AlexRenew WWTP Expansion	0	0	0	0	11,070,000	11,400,000	11,750,000	0	0	0	**34,220,000**
Four Mile Run Sanitary Sewer Repair	200,000	0	0	0	0	0	0	0	0	0	**200,000**
Combined Sewer Overflow Planning	0	0	0	0	0	0	0	0	0	0	**0**
King/West Diversion Chamber	0	0	0	0	0	0	0	0	0	0	**0**
Holmes Run Trunk Sewer	0	0	0	0	0	0	0	0	0	0	**0**
Subtotal, Capital Projects	*1,300,000*	*6,850,000*	*12,925,000*	*15,325,000*	*16,595,000*	*18,475,000*	*13,150,000*	*1,400,000*	*1,800,000*	*1,400,000*	*89,220,000*
Debt Service	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**Total FY 16-25**
Debt Service Payments	*2,588,448*	*3,121,455*	*4,115,066*	*5,328,884*	*6,261,692*	*7,918,564*	*8,870,796*	*8,667,891*	*8,282,944*	*8,099,443*	***63,255,183***
Total, All Categories	**10,477,200**	**16,320,490**	**23,680,717**	**27,551,473**	**30,455,776**	**34,348,730**	**30,188,543**	**18,471,810**	**18,712,517**	**18,358,866**	**228,566,123**

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Holmes Run Trunk Sewer

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 53411869

Project Location: AlexRenew Plant to the City/Fairfax Border
Reporting Area: Landmark/Van Dorn, Seminary Hill/Strawberry Hill Taylor Run, Eisenhower Ave, Eisenhower East
Project Category: 3 – New Facilities
Estimated Useful Life: 40 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	9,002,000	*9,002,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
GO Bonds - Sanitary Sewer	4,200,000	*4,200,000*	0	0	0	0	0	0	0	0	0	0	0
Sanitary Sewer Fees	4,302,000	*4,302,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	9,002,000	*9,002,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

This project provides for an increase in capacity in the Holmes Run Trunk Sewer line, which is owned and operated by AlexRenew. Both the City and Fairfax County send wastewater flows to this sewer and share in the capacity of this sewer. Increased capacity is required to support development occurring in the Eisenhower Valley, as well as future development and redevelopment in the West End. Engineering studies indicated that lining the existing sewer with specialized materials would provide the needed capacity increase with minimal environmental disruption. Relining will increase the capacity in the western portion of the sewer from Van Dorn Street to Eisenhower Avenue at Cameron Run.

Phase I of this project included relining the western portion of the trunk sewer, completed in summer 2008. Additional engineering and analysis has determined that pipe lining alone will not increase capacity sufficiently in the Phase II – East Eisenhower section. Additional engineering analysis is underway to evaluate other capacity relief options, including constructing a relief sewer from Eisenhower Avenue to the AlexRenew plant, and potential wet weather sewer storage and treatment in the Holmes Run Service Area.

A total of $9.0 million from the Sanitary Sewer fund has been budgeted in prior fiscal years for this project. Engineering analysis which is being coordinated with Fairfax County and AlexRenew is expected to be completed in 2015. The completion of the analysis will result in proposed recommended improvements for sewer capacity. Depending on the outcome of the current on-going study, 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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Increase the value of the real estate tax base
- Ensure Alexandria supports, retains, and attracts businesses

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- 2013 Sanitary Sewer Master Plan

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Combined Sewer Overflow 001 Planning

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: CSO 001 – Pendleton St. at Potomac River
Reporting Area: Old Town/Old Town North
Project Category: 3 – New Facilities
Estimated Useful Life: N/A

Combined Sewer Overflow 001 Planning													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Sanitary Sewer Fees	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

The City's combined sewer system (sanitary and storm sewers) comprise approximately 540 acres located in the Old Town area. During certain wet weather events, flows in excess of the sewer pipes are discharged into receiving waterways via one of four combined sewer outfalls. These discharges are permitted by the Virginia Department of Environmental Quality (VDEQ). The Hunting Creek Bacteria Total Maximum Daily Load (TMDL) requires reductions in these discharges from 3 of the 4 permitted outfalls. This project is related to the Combined Sewer System (CSS) Permit Compliance project, but focuses only on the CSO 001 area.

The CSO 001 Planning project will provide for feasibility planning at CSO 001 (Pendleton Street) with the goal of reducing CSO discharges. A total of $500,000 was budgeted in FY 2015 for feasibility planning with design and construction to be determined based on future permit requirements.

There will be an additional benefit of significantly reducing the nutrient and sediment loadings into the Chesapeake Bay. These reductions could be applied towards the Chesapeake Bay TMDL stormwater reduction requirements and may benefit the City. Finally, the redevelopment of the GenOn site in Old Town will require developer contributions towards separating the combined sewage at the site. These potential contributions can be used to fund the storage at CSO 001. Planning for CSO 001 will insure coordination with any redevelopment of the Robinson Terminal North site.

(Continued on next page)

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Sustain the natural quality of land within the City

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community

External or Internal Adopted Plan or Recommendation

- T&ES Strategic Plan 2012-2015: Key Result Area III: Meet or exceed state or federal requirements of City's separate storm sewer and combined sewer system permits and maintain compliance with these environmental permits
- Eco-City Charter (Water Resources) and Eco-City Action Plan, Chapter 4, Goal 4: Eliminate the harmful impact of combined sewer systems in the long-term, and minimize them in the short-term
- 2013 Sanitary Sewer Master Plan

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Combined Sewer Overflow 001 Planning (Continued)

Project Description & Justification (Continued)

For the City to stay in compliance with the future CSS permits, overflows from the Combined Sewer System need to be mitigated. This is primarily because of new regulatory requirements of the bacteria TMDL for Hunting Creek. The estimated total cost of mitigation of these overflows can range as high as $200 million - $300 million and depends on the type and mix of technologies implemented.

Through the ongoing update to the City's Long Term Control Plan for the CSS, an alternatives analysis is being conducted that will result in a recommended plan and projects to comply with the regulatory requirements. Only after completion of the Long Term Control Plan Update – scheduled for submission to the Virginia Department of Environmental Quality in August 2016 – and after their subsequent approval, will the schedule for the recommended projects and the costs associated with these projects become more certain. In the current permit cycle (2013-2018), the City is required to continue implementation of Nine Minimum Controls, along with other initiatives including implementation of the Area Reduction Plan, outfall improvements, green infrastructure, and select sewer separation projects. The City will also need to continue extensive monitoring, sampling, inspections, and reporting. This budget reflects the anticipated costs of improvements over the next five years only. Costs of improvements required for implementing the approved updated Long Term Control Plan (beyond FY 2019) have not yet been fully identified and are not included in the ten-year CIP.

Four Mile Run Sanitary Sewer Repair

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: 53411873

Project Location: End of Commonwealth Ave. to Bruce St.
Reporting Area: Potomac West
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 40 years

Four Mile Run Sanitary Sewer Repair													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,500,000	*2,300,000*	200,000	0	0	0	0	0	0	0	0	0	200,000
Financing Plan													
GO Bonds - Sanitary Sewer	800,000	*800,000*	0	0	0	0	0	0	0	0	0	0	0
Sanitary Sewer Fees	1,700,000	*1,500,000*	200,000	0	0	0	0	0	0	0	0	0	200,000
Total Financing Plan	2,500,000	*2,300,000*	200,000	0	0	0	0	0	0	0	0	0	200,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: An additional $200,000 in Sanitary Sewer Fees is added to the project to account for project management costs previously not budgeted.

Project Description & Justification

This project will fund the rehabilitation of the Four Mile Run sanitary sewer. During field inspections of the Four Mile Run Inflow and Infiltration project in FY 2001, surcharged manholes with significant solids were encountered along the 36-inch diameter trunk sewer upstream of the Four Mile Run pump station. Efforts to clean the trunk sewer were unsuccessful due to the heavy solids volume and compaction in the sewer. In FY 2008, a specialty contractor successfully removed the solids and an inspection and condition assessment was completed. Based on the condition assessment of the trunk sewer following the removal of the solids, rehabilitation is necessary.

Total project costs are estimated at $2.5 million, and include planning, design and engineering, construction management, and construction. For FY2016, an additional $200,000 was added to the project based on more recent cost estimates to complete the work. The project is currently in the design phase and construction is tentatively scheduled to start in FY 2016.

Completion of this project will improve the City's sanitary sewer infrastructure and extend its useful life, reducing potential pipe collapse and other emergency repairs.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community

External or Internal Adopted Plan or Recommendation

- 2013 Sanitary Sewer Master Plan

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Combined Sewer System (CSS) Permit Compliance

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 53411875

Project Location: Old Town CSO Area
Reporting Area: Old Town
Project Category: 1 – Asset Maintenance
Estimated Useful Life: Varies

Combined Sewer System (CSS) Permit Compliance													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	10,385,440	*7,385,440*	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Financing Plan													
GO Bonds - Sanitary Sewer	245,072	*245,072*	0	0	0	0	0	0	0	0	0	0	0
Sanitary Sewer Fees	10,140,368	*7,140,368*	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Total Financing Plan	10,385,440	*7,385,440*	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Additional Operating Impact													
Annual Impact			TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

The City's combined sewer system (sanitary and storm sewers) comprise approximately 540 acres located in the Old Town area. During certain wet weather events, flows in excess of the sewer pipes carrying capacity are discharged into receiving waterways via one of four combined sewer outfalls. These discharges are permitted by the Virginia Department of Environmental Quality (VDEQ). The Hunting Creek Bacteria Total Maximum Daily Load (TMDL) requires reductions in these discharges from 3 of the 4 permitted outfalls. The City received a new permit in August 2013 which requires the City to develop a Long-Term Control Plan (LTCP) update that complies with the TDML requirements, to submit the plan by August 2016, and to implement the plan no later than 2035.

In order to comply with the August 2013 permit, the City must perform a number of activities, including the Long Term Control Plan update. The Long Term Control Plan update is a detailed study of combined sewer control alternatives, their financial costs, and a schedule that is acceptable to Virginia Department of Environmental Quality.

The project will also fund the construction of a new weir structure at Outfall 004. This new weir structure will decrease both the number of combined sewer overflow (CSO) discharges at Outfall 004 and the total CSO volume, which will provide the benefit of improving water quality in Hooff's Run.

Completion of these initiatives will enhance the ecological integrity of waterways by maintaining and improving storm water and sanitary infrastructure and stream system health to minimize environmental impacts.

Funding also ensures compliance with Commonwealth and Federal statutes and permits, and will continue to improve the City's combined sewer system.

(Continued on next page)

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City
- Improve the health of City waterways
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Sustain the natural quality of land within the City

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure government is accountable to the community
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- Consistent with the Eco-City Charter and Eco-City Action Plan 2030, adopted by City Council June 2008 and June 2009 respectively
- T&ES Strategic Plan: Key Result Area – Meet or exceed state and federal requirements of the City's MS4 and combined sewer permits
- 2013 Sanitary Sewer Master Plan

Additional Operating Budget Impact

Unknown at this time. Additional operating impacts will be identified as new infrastructure is installed.

Combined Sewer System (CSS) Permit Compliance (Continued)

Project Description and Justification (Continued)

For the City to stay in compliance with the future CSS permits, overflows from the Combined Sewer System need to be mitigated. This is primarily because of new regulatory requirements of the bacteria TMDL for Hunting Creek. The estimated total cost of mitigation of these overflows can range as high as $200 million - $300 million and depends on the type and mix of technologies implemented.

Through the ongoing update to the City's Long Term Control Plan for the CSS, an alternatives analysis is being conducted that will result in a recommended plan and projects to comply with the regulatory requirements. Only after completion of the Long Term Control Plan Update – scheduled for submission to the Virginia Department of Environmental Quality in August 2016 – and after their subsequent approval, will the schedule for the recommended projects and the costs associated with these projects become more certain. In the current permit cycle (2013-2018), the City is required to continue implementation of Nine Minimum Controls, along with other initiatives including implementation of the Area Reduction Plan, outfall improvements, green infrastructure, and select sewer separation projects. The City will also need to continue extensive monitoring, sampling, inspections, and reporting. This budget reflects the anticipated costs of improvements over the next five years only. Costs of improvements required for implementing the approved updated Long Term Control Plan (beyond FY 2019) have not yet been fully identified and are not included in the ten-year CIP.

Reconstruction and Extension of Sanitary Sewers

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: 53411872

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated Useful Life: 50 years

Reconstruction and Extension of Sanitary Sewers													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	19,992,959	*11,392,959*	500,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	8,600,000
Financing Plan													
GO Bonds - Sanitary Sewer	6,423,708	*1,173,708*	0	850,000	800,000	400,000	400,000	800,000	400,000	400,000	800,000	400,000	5,250,000
Sanitary Sewer Fees	13,569,251	*10,219,251*	500,000	50,000	100,000	500,000	500,000	100,000	500,000	500,000	100,000	500,000	3,350,000
Total Financing Plan	19,992,959	*11,392,959*	500,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	8,600,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding of $900,000 for FY 2016 in prior year CIP reduced to $500,000 based on available project balances. Funding in the amount of $900,000 was added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

This project provides for the construction of new sewer mains and the replacement and rehabilitation of old 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. This is an essential infrastructure project.

Prior year balances along with additional annual funding in FY 2016 will be utilized to fund multiple projects in this request. Several projects are in early planning stages, while others are currently under design. 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 tentatively scheduled for construction in FY 2015-2016 include:

- Pendleton Streets manhole additions
- Beauregard Street Sanitary Sewer Construction (included with King & Beauregard street intersection improvement project)
- West Uhler Sewer Construction
- Groves Sewer Replacement
- Hooff's Run (Chapman to Maple Streets) Sewer Lining
- North Alfred Sewer Replacement
- Wheeler Avenue Sewer Replacement
- Sewer lining projects in to be identified areas
- Miscellaneous or emergency repairs as required

Completion of these projects improves the City's sanitary sewer infrastructure while reducing the frequency of unplanned repairs due to deferred maintenance.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Sustain the natural quality of land within the City

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community

External or Internal Adopted Plan or Recommendation

- 2013 Sanitary Sewer Master Plan

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Wet Weather Management Facility

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: Near the AlexRenew Facility
Reporting Area: Southwest Quadrant
Project Category: 3 – New Facilities
Estimated Useful Life: 20+ years

Wet Weather Management Facility													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	22,250,000	*2,250,000*	0	2,250,000	8,750,000	9,000,000	0	0	0	0	0	0	20,000,000
Financing Plan													
GO Bonds - Sanitary Sewer	21,850,000	*2,100,000*	0	2,000,000	8,750,000	9,000,000	0	0	0	0	0	0	19,750,000
Sanitary Sewer Fees	400,000	*150,000*	0	250,000	0	0	0	0	0	0	0	0	250,000
Total Financing Plan	22,250,000	*2,250,000*	0	2,250,000	8,750,000	9,000,000	0	0	0	0	0	0	20,000,000
Additional Operating Impact													
Annual Impact			0	0	0	0	309,000	318,270	327,818	337,653	347,782	358,216	1,998,739
Cumulative Impact			0	0	0	0	309,000	627,270	955,088	1,292,741	1,640,523	1,998,739	1,998,739

Changes from Prior Year CIP: Based on an updated project schedule, funding planned in FY 2016 in the prior year CIP was shifted to FY 2017. There is no change to the total amount of funding and no change to the project scope.

Project Description & Justification

During periods of extreme wet weather, stormwater enters the City's sanitary sewer collection system. This has the potential to lead to sewer back-ups in homes and businesses throughout the City. In addition, wet weather flows in the sewer can cause sanitary sewer overflows (SSOs), where raw sewage is discharged to receiving waters before being treated. Due to a combination of wet weather flow and forecasted growth in the City (and Fairfax County), there is concern that the number of SSOs in the future will increase and create an additional potential for sewer back-ups.

A study was completed in 2010 (and updated in 2012) which recommended a wet weather management facility to mitigate SSOs and basement back-ups. The facility also would reduce the occurrence of combined sewer overflows (CSOs) from Outfall 004. The wet weather management facility includes the following components: increasing the flow at the AlexRenew plant from 108 to 116 million gallons per day (through primary treatment), relocation of Outfall 004 from Duke Street to just outside the AlexRenew plant, construction of a 500,000 gallon storage tunnel, and wet weather pumping to reduce the surcharging in the interceptor sewers to prevent back-ups.

Initial planning and design funding is scheduled to begin in FY 2015. The total project cost is estimated to be $33.6 million (2012 dollars), and it is anticipated that the costs for this facility would be shared between Fairfax County and the City. In addition, the funding includes $5.45 million to extend the storage tunnel upstream to capture additional combined sewage from Outfall 003.

This project provides a number of benefits including reducing sanitary sewer backups into homes and business while reducing the impact that sanitary sewer that SSOs and CSOs have on the environment.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Sustain the natural quality of land within the City

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community

External or Internal Adopted Plan or Recommendation

- 2013 Sanitary Sewer Master Plan

Additional Operating Budget Impact

The annual operating and maintenance costs associated with the facility includes electricity costs associated with the wet weather pumping, labor and equipment rental for the tunnel cleaning and inspection, and equipment replacement costs. The operating costs as assumed to be shared with Fairfax County with the City being responsible for 50 percent of the costs.

Combined Sewer Separation Projects

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: 53411876

Project Location: Old Town CSO Area
Reporting Area: Old Town, Old Town North, Braddock Road Metro
Project Category: 3 – New Facilities
Estimated Useful Life: 50 years

Combined Sewer Separation Projects													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	5,925,000	*2,925,000*	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Financing Plan													
Sanitary Sewer Fees	6,125,000	*2,925,000*	0	400,000	600,000	200,000	200,000	600,000	200,000	200,000	600,000	200,000	3,200,000
Total Financing Plan	6,125,000	*2,925,000*	0	400,000	600,000	200,000	200,000	600,000	200,000	200,000	600,000	200,000	3,200,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding of $200,000 for FY 2016 in prior year CIP deferred to FY 2017 based on available project balances. Funding in the amount of $200,000 was added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

This project provides funding for the City to proactively separate small areas of combined sewers. Areas of opportunity exist for separation of combined sewer systems where construction of additional sewers in a few blocks due to new development may result in completing the separation of a larger area. Opportunities may also arise in conjunction with redevelopment in the combined sewer area.

In 2011 City staff identified portions of the King and West combined sewershed where separation may be achieved by disconnecting sanitary sewers from the combined sewer system and reconnecting to the Potomac Yards Trunk Sewer, which was designed to accommodate separated sanitary flow from this area. Field investigations were conducted to collect survey data, confirm sewer connectivity, and provide sewer separation recommendations and planning level design and construction costs.

The Payne Street and Fayette Street separation project is currently in the design phase and construction is anticipated in spring 2015. This project will meet one of the requirements of the City's Combined Sewer System permit that requires the separation of at least 60 sanitary laterals from the Combined Sewer System.

The City is currently in the process of identifying other areas of opportunity for sewer separation. Once these areas are identified, staff will move forward with field evaluation, design and construction phases for the next project.

This project will provide water quality benefits in that the separation of sanitary sewers in the combined area will decrease the bacteria loading into Hooff's Run during rain events where combined sewer overflows are activated.

(Continued on next page)

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City
- Improve the health of City waterways
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Sustain the natural quality of land within the City

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure government is accountable to the community
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- Consistent with the Eco-City Charter and Eco-City Action Plan 2030, adopted by City Council June 2008 and June 2009 respectively
- T&ES Strategic Plan: Key Result Area – Meet or exceed state and federal requirements of the City's MS4 and combined sewer permits
- 2013 Sanitary Sewer Master Plan

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Combined Sewer Separation Projects (Continued)

Project Description and Justification (Continued)

For the City to stay in compliance with the future CSS permits, overflows from the Combined Sewer System need to be mitigated. This is primarily because of new regulatory requirements of the bacteria TMDL for Hunting Creek. The estimated total cost of mitigation of these overflows can range as high as $200 million - $300 million and depends on the type and mix of technologies implemented.

Through the ongoing update to the City's Long Term Control Plan for the CSS, an alternatives analysis is being conducted that will result in a recommended plan and projects to comply with the regulatory requirements. Only after completion of the Long Term Control Plan Update – scheduled for submission to the Virginia Department of Environmental Quality in August 2016 – and after their subsequent approval, will the schedule for the recommended projects and the costs associated with these projects become more certain. In the current permit cycle (2013-2018), the City is required to continue implementation of Nine Minimum Controls, along with other initiatives including implementation of the Area Reduction Plan, outfall improvements, green infrastructure, and select sewer separation projects. The City will also need to continue extensive monitoring, sampling, inspections, and reporting. This budget reflects the anticipated costs of improvements over the next five years only. Costs of improvements required for implementing the approved updated Long Term Control Plan (beyond FY 2019) have not yet been fully identified and are not included in the ten-year CIP.

Citywide Sewershed Infiltration and Inflow

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: 53411864

Project Location: Citywide
Reporting Area: Citywide
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 40 years

Citywide Sewershed Infiltration and Inflow													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	35,161,440	*19,861,440*	0	3,000,000	2,375,000	3,075,000	2,850,000	4,000,000	0	0	0	0	15,300,000
Financing Plan													
GO Bonds - Sanitary Sewer	31,050,000	*15,750,000*	0	3,000,000	2,375,000	3,075,000	2,850,000	4,000,000	0	0	0	0	15,300,000
Sanitary Sewer Fees	4,111,440	*4,111,440*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	35,161,440	*19,861,440*	0	3,000,000	2,375,000	3,075,000	2,850,000	4,000,000	0	0	0	0	15,300,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Based on available project balances and updated project schedules, planned funding from FY 2016 - 2020 in the prior year CIP was shifted to FY 2017 - 2021. There is no change to the total amount of funding and no change to the project scope.

Project Description & Justification

This CIP program provides for evaluation, remediation and rehabilitation of infiltration/inflow and deficient conditions for the sanitary sewer system across the entire city. In the Holmes Run sewershed, which impacts the Alexandria West, Landmark/Van Dorn and Seminary Hill/Strawberry Hill reporting areas, the on-going programs will continue. In addition, this program will be phased into broader infrastructure issues across the entire sanitary sewer system to ensure dependable service into the future.

Much of the sanitary sewer system located in these areas is aging, deteriorated and requires maintenance. During wet weather, infiltration and inflow into the sanitary sewers can result in over-capacity conditions that cause overflows into the environment or customers' basements.

The Notice to Proceed for rehabilitation of sewers in the Pegram/Strawberry sewershed was issued in February 2015 and will take approximately one year to complete. Rehabilitation of sewers in the remaining sewersheds, along with manhole rehabilitation throughout the entire Holmes Run sewershed is anticipated to commence in spring 2015 and be completed in spring 2016. Following construction, flow monitoring will be performed to assess the amount of infiltration and inflow removed from the sewer system.

Completion of this project will help mitigate sanitary sewer overflows. Additionally, it will improve the City's sanitary sewer infrastructure and extend the infrastructure's useful life by reducing the potential of pipe collapse and other emergency repairs.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Sustain the natural quality of land within the City

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- 2013 Sanitary Sewer Master Plan

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Sewer Assessment and Rehabilitation

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: Old Town CSO area
Reporting Area: Old Town, Old Town North, Braddock Road Metro
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: Varies

Sewer Assessment & Rehabilitation													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	8,800,000	*0*	0	0	0	3,700,000	2,550,000	2,550,000	0	0	0	0	8,800,000
Financing Plan													
GO Bonds	4,400,000	*0*	0	0	0	1,850,000	1,275,000	1,275,000	0	0	0	0	4,400,000
GO Bonds - Sanitary Sewer	4,400,000	*0*	0	0	0	1,850,000	1,275,000	1,275,000	0	0	0	0	4,400,000
Total Financing Plan	8,800,000	*0*	0	0	0	3,700,000	2,550,000	2,550,000	0	0	0	0	8,800,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			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

This project provides funding from both the Sanitary Sewer and Stormwater Management funds for the condition assessment of all of the sewers (sanitary, storm, combined) 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 of the 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.

Funding is not planned until FY 2019, and totals $8.8 million with 50% coming from the Sanitary Sewer Fund and 50% from City funds.

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.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Sustain the natural quality of land within the City

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community

External or Internal Adopted Plan or Recommendation

- 2013 Sanitary Sewer Master Plan

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

AlexRenew Wastewater Treatment Plant Capacity

Document Subsection: Sanitary Sewers
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: 1500 Eisenhower Ave.
Reporting Area: Southwest Quadrant
Project Category: 3 – New Facilities
Estimated Useful Life: 20+ 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	34,220,000	*0*	0	0	0	0	11,070,000	11,400,000	11,750,000	0	0	0	34,220,000
Financing Plan													
GO Bonds - Sanitary Sewer	34,220,000	*0*	0	0	0	0	11,070,000	11,400,000	11,750,000	0	0	0	34,220,000
Total Financing Plan	34,220,000	*0*	0	0	0	0	11,070,000	11,400,000	11,750,000	0	0	0	34,220,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			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 City's Department of Planning and Zoning (P&Z) has developed growth forecasts for build-out conditions (post year 2040) as presented in the Sanitary Sewer Master Plan. Based on these forecasts, the City is projected to exceed its wastewater allocation at the Alexandria Renew Enterprises (AlexRenew) Water Resource Recovery Facility by approximately 4 million gallons per day (mgd) beginning incrementally sometime after 2040.

AlexRenew has indicated that their facility can be expanded/upgraded to treat this additional 4 mgd at a total capital cost of $34.22 million (increased for inflation). This cost is based on hydraulically expanding the plant at the same time as other anticipated upgrades are needed (as existing process equipment reaches the end of its useful life). Although the need for an additional 4 mgd is not anticipated until after 2040, it would be more cost-effective to perform the hydraulic expansion while other upgrades are occurring based on the timeline provided by AlexRenew.

The costs provided do not include any additional nutrient (phosphorous and nitrogen) loads associated with these flows, which the City will reach around 2040. Options for addressing these added nutrient loadings have been identified in the Sanitary Sewer Master Plan and will continue to be evaluated. Funding for this project is not planned until FY 2020 – 2022. With the hydraulic expansion, the agreements between the City and AlexRenew and AlexRenew and Fairfax County would have to be renegotiated.

Another option for an additional 4 mgd is to purchase 4 mgd of wastewater treatment capacity from Fairfax County at AlexRenew, estimated to be approximately $56.0 million (2011 dollars). This option would not require any offset of nutrient loadings since the design flow at AlexRenew wouldn't change, but the City may be expected by Fairfax County to finance the entire $56.0 million now for capacity the City will not need for 30 years. Additionally, this option is contingent on Fairfax County acquiring additional treatment plant capacity at DC Water Blue Plains facility. The City will be continuing discussions with Fairfax County concerning this option, including if this expansion will be necessary in the current planned time frame.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Increase the value of the real estate tax base
- Ensure Alexandria supports, retains, and attracts businesses

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- 2013 Sanitary Sewer Master Plan

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

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STORMWATER MANAGEMENT

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Stormwater Management
Approved FY 2016 - 2025 Capital Improvement Program
Summary of Projects

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Stormwater Management											
Ft. Ward Stormwater	0	0	0	0	0	0	0	0	0	0	0
NPDES / MS4 Permit	0	0	0	0	0	0	0	0	0	0	0
Four Mile Run Channel Maintenance	0	0	600,000	0	0	0	0	600,000	0	0	1,200,000
Storm Sewer Capacity Assessment	0	0	0	0	475,000	475,000	0	0	0	0	950,000
Green Infrastructure in CSO Areas	500,000	0	0	0	0	0	0	0	0	0	500,000
Stream & Channel Maintenance	0	1,250,000	850,000	1,200,000	450,000	450,000	450,000	450,000	450,000	450,000	6,000,000
Stormwater Utility Study	640,000	0	0	0	0	0	0	0	0	0	640,000
MS4-TMDL Compliance Water Quality Imprv.	0	400,000	500,000	500,000	3,000,000	3,000,000	3,500,000	3,500,000	7,000,000	7,000,000	28,400,000
Storm Sewer System Spot Improvements	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Lake Cook Stormwater Management	0	0	0	0	0	0	0	0	0	0	0
Cameron Station Pond Retrofit	2,250,000	625,000	625,000	0	0	0	0	0	0	0	3,500,000
City Facilities Stormwater Best Management Practices (BMPs)	0	412,000	1,133,000	0	0	0	0	0	0	0	1,545,000
FY 2016 - 2025 Stormwater Management Total	3,390,000	2,987,000	4,008,000	2,000,000	4,225,000	4,225,000	4,250,000	4,850,000	7,750,000	7,750,000	45,435,000

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Ft. Ward Stormwater

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): Recreation, Parks & Cultural Activities, Historic Alexandria
ORG: 52412157

Project Location: 4301 West Braddock Rd.
Reporting Area: Seminary Hill/Strawberry Hill
Project Category: 3 – New Facilities
Estimated Useful Life: 25 years

Ft. Ward Stormwater													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	585,000	*585,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City & Stormwater Funding	585,000	*585,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	585,000	*585,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

Fort Ward Park is the best preserved of the system of Union forts and batteries built to protect Washington, DC during the American Civil War (1861-1865). This site receives drainage from the adjacent Marlboro Estates subdivision built in the late 1970's, Episcopal High School property, and from the adjacent Braddock Road area. Over time, due to changes in grading and overland drainage patterns, erosion has occurred in the park and in the adjacent Oakland Baptist Church cemetery. Additionally, the stream in the park is showing signs of erosion and degradation. Property owners at the bottom of the park are experiencing flooding. In calendar year 2011, an interim drainage system was installed to protect the Oakland Baptist Church Cemetery from further soil erosion and flooding due to stormwater runoff.

The scope of work includes studying the existing drainage infrastructure in Fort Ward Park and making recommendations for improvements as well as the construction of those recommended improvements. This project will be informed by, and will be required to coordinate, planning and construction activities with ongoing OHA archaeological investigations and discoveries.

A drainage master plan was completed in July 2014 and included recommendations to divert drainage away from the cemetery, install BMPs to threat the stormwater from the roadway drainage, and restore the stream that runs through the park. Sufficient funding is provided to complete the first two recommendations. The master plan will be the basis for design of the improvement which is expected to begin in FY 2016. The drainage master plan is included in the adopted Ft. Ward Park and Museum Area Management Plan.

Environmental benefits achieved by the completion of recommended improvements include overland flow improvements, erosion protection, and improved water quality, all of which will improve the natural quality of the land in the project area.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City
- Improve the health of City waterways
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure government is accountable to the community

External or Internal Adopted Plan or Recommendation

- 2015 Fort Ward Park and Museum Area Management Plan
- Budget Memorandum #46, April 8, 2011 (FY 2012)

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

NPDES / Municipal Separate Storm Sewer System (MS4) Permit Program

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 52411860

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	350,000	*350,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City & Stormwater Funding	350,000	*350,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	350,000	*350,000*	0	0	0	0	0	0	0	0	0	0	0
Additonal Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

This project provides for the data collection, reporting activities, public education, outreach, involvement and citizen participation associated with implementation of the programs required by the National Pollution Discharge Elimination System (NPDES) permit regulations that are administered currently by the Virginia Department of Conservation and Recreation (DCR) through the Virginia Stormwater Management Program (VSMP) General Permit for Discharges of Storm Water from Municipal Separate Storm Sewer Systems (MS4) per 4VAC50-60 et. seq.

The permit requires the City to develop, implement and enforce our 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 July 1, 2013. The currently Approved five-year permit is scheduled to be effective through June 30, 2018. Each successive permit has contained more regulatory requirements which necessitate more resources. The new permit is no exception.

The new permit regulations require more public education and outreach, increased staff training, creation of new Total Maximum Daily Load (TMDL) plans and SOPs for daily operations, enhanced inspections, greater data collection, and additional reporting. The new permit also contains stringent requirements to meet the recent Chesapeake Bay TMDL for nutrients and sediment, as well as other TMDLs that have been developed for local surface waters.

This project maintains the City's compliance with regulatory permits, while developing and enhancing the MS4 program. Planned capital projects required by the permit /C-Bay TMDLs are budgeted separately as separate specific projects under "Stormwater Management" section of the CIP.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Sustain the natural quality of land within the City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community

External or Internal Adopted Plan or Recommendation

- Consistent with the Eco-City Charter and Eco-City Action Plan 2030, adopted by City Council June 2008 and June 2009 respectively

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Four Mile Run Channel Maintenance

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 43411623

Project Location: Four Mile Run Stream/Channel
Reporting Area: Potomac West
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 10 years

Four Mile Run Channel Maintainence													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	3,293,000	*2,093,000*	0	0	600,000	0	0	0	0	600,000	0	0	1,200,000
Financing Plan													
Prior Year City Funding	2,093,000	*2,093,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	1,200,000	*0*	0	0	600,000	0	0	0	0	600,000	0	0	1,200,000
Total Financing Plan	3,293,000	*2,093,000*	0	0	600,000	0	0	0	0	600,000	0	0	1,200,000
Additonal Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			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

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 U.S. Army Corps of Engineers 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 the Corps 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.

To date, $2.093 million in City funding has been applied to the project. Funding is programmed in the 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. Levee/flood wall maintenance remains the responsibility of the jurisdiction where the levee/wall is located.

The regular maintenance to the flood control system ensures that the flood control project will perform as predicted and protects citizens and property from flooding.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Sustain the natural quality of land within the City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community

Focus Area: Safe, Secure, & Just Community

- Reduce harm to people or property from disasters

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Storm Sewer Capacity Assessment

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: 52411851

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated Useful Life: N/A

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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	950,000	*0*	0	0	0	0	475,000	475,000	0	0	0	0	950,000
Financing Plan													
Prior City & Stormwater Funding	4,238,500	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	950,000	*0*	0	0	0	0	475,000	475,000	0	0	0	0	950,000
Total Financing Plan	5,188,500	*0*	0	0	0	0	475,000	475,000	0	0	0	0	950,000
Additional Operating Impact													
Annual Impact			0		0	0	0	0	0	0	0	0	0
Cumulative Impact			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

This project provides for a multi-year citywide storm sewer analysis and flow modeling to determine the stormwater system's capacity and to develop recommendations for improvements to the existing storm sewer system.

The project includes flow modeling, field verification of invert elevations and manhole locations, and condition assessments of pipes 24 inch diameter or greater. This study is budgeted as a response to several large magnitude storms in 2003 and 2006 that caused flooding in low-lying areas of the City.

The analysis and assessment will look at reducing flooding in problem areas by employing a variety of technologies including "Green Infrastructure" such as: rain gardens, infiltration swales, planter boxes, tree canopy and infiltration wells, pervious pavement, gutters, and sidewalks, street/alley retrofits into "green streets," rain barrels and cisterns, green roofs, etc. It is anticipated that completion of this project will result in some recommended improvements to the City storm sewer system. These future projects will be funded through the Storm Sewer System Spot Improvements project as funding becomes available.

As of February 2015, the project has collected field data, updated the City's GIS storm sewer layers, built computer models, and performed condition assessments on storm sewer manholes and pipes for Hooff's Run, Holmes Run, Taylor Run, Backlick Run, Cameron Run, Strawberry Run and Four Mile Run watersheds. In addition, identification of problem areas and prioritizing on the basis of the findings has been completed. Funding planned in FY 2020 will provide for updated analysis and flow modeling.

This project provides the resources for a thorough understanding of the City's storm sewer system and will assist in anticipating problems in performance and capacity allowing for proactive solutions in protecting citizens and property from stormwater flooding.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Sustain the natural quality of land within the City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Green Infrastructure in Combined Sewer Overflow (CSO) Areas

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: Citywide
Reporting Area: Old Town, Old Town North, Braddock Road Metro
Project Category: 3 – New Facilities
Estimated Useful Life: Varies

Green Infrastructure in CSO Areas													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,500,000	*1,000,000*	500,000	0	0	0	0	0	0	0	0	0	500,000
Financing Plan													
Cash Capital	750,000	*500,000*	250,000	0	0	0	0	0	0	0	0	0	250,000
Sanitary Sewer Fees	750,000	*500,000*	250,000	0	0	0	0	0	0	0	0	0	250,000
Total Financing Plan	1,500,000	*1,000,000*	500,000	0	0	0	0	0	0	0	0	0	500,000
Additonal Operating Impact													
Annual Impact			0	1,500	1,545	1,591	1,639	1,688	1,739	1,791	1,845	1,900	15,239
Cumulative Impact			0	1,500	3,045	4,636	6,275	7,964	9,703	11,494	13,339	15,239	15,239
Changes from Prior Year CIP: No changes from prior year CIP.													

Project Description & Justification

This project provides funding from both the sanitary sewer and storm sewer funds for study, design, and construction of at least two green infrastructure demonstration projects in the combined sewer area. Green infrastructure projects will include "green alleys." Completion of these projects will provide the following benefits: increasing stormwater infiltration, reducing stormwater into the combined sewer system (CSS), providing stormwater treatment (nutrients), and decreasing the volume of combined sewer overflow (CSO) discharges. The City's renewed permit of CSS requires a reduction of five million gallons of stormwater over the next five years. This project will provide infrastructure to help the City comply with this requirement.

For the City to stay in compliance with the future CSS permits, overflows from the Combined Sewer System need to be mitigated. This is primarily because of new regulatory requirements of the bacteria Total Maximum Daily Load (TMDL) for Hunting Creek. Total cost of mitigation of these overflows can range as high as $200 million - $300 million and depends on the type and mix of technologies that get implemented.

Through the ongoing update to the City's Long Term Control Plan for the CSS, an alternatives analysis is being conducted that will result in a recommended plan and projects to comply with the regulatory requirements. Only after completion of the Long Term Control Plan Update, due to the Virginia Department of Environmental Quality in August 2016, and their subsequent approval, will the costs of the resulting projects and implementation schedule become more certain.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community

External or Internal Adopted Plan or Recommendation

- T&ES Strategic Plan 2012-2015: Key Result Area III: Meet or exceed state or federal requirements of City's separate storm sewer and combined sewer system permits and maintain compliance with these environmental permits.
- Consistent with Eco-City Charter (Water Resources) and with Eco-City Action Plan, Chapter 4, Goal 4
- 2013 Sanitary Sewer Master Plan

Additional Operating Budget Impact

Additional operating costs for a green alley and a bioretention facility will be approximately $750 each annually for maintenance ($1,500 total in FY2017). Maintenance of a green alley includes vacuuming of sediments from the permeable pavement 3-4 times per year.

Stream and Channel Maintenance

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: 43411609

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated Useful Life: Varies

Stream & Channel Maintainence													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	12,219,584	*6,219,584*	0	1,250,000	850,000	1,200,000	450,000	450,000	450,000	450,000	450,000	450,000	6,000,000
Financing Plan													
Prior City & Stormwater Funding	6,219,584	*6,219,584*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	2,550,000	*0*	0	400,000	250,000	550,000	225,000	225,000	225,000	225,000	225,000	225,000	2,550,000
GO Bonds	3,450,000	*0*	0	850,000	600,000	650,000	225,000	225,000	225,000	225,000	225,000	225,000	3,450,000
Total Financing Plan	12,219,584	*6,219,584*	0	1,250,000	850,000	1,200,000	450,000	450,000	450,000	450,000	450,000	450,000	6,000,000
Additonal Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding of $1.2 million in last year's CIP has been deferred until FY 2017 as prior year balances are sufficient to complete FY 2016 projects. Overall, total funding is decreased by $100,000 over last year's plan based on updated project timing and funding amounts provided by the department.

Project Description & Justification

This project provides funding for annual capital infrastructure improvements to various streams and channels throughout the City to preserve their capacity to carry a 100-year floodwater and for repairs to erosion damage, stream corridor degradation, grade control structures, storm sewer discharge points, and stream stabilization/restoration.

Prior year balances will be utilized to mitigate damages caused by Tropical Storm Lee, with specific projects to be completed including:

- Cameron Run Weirs #2, #3, #4, and #5 repairs;
- Backlick Run S-Curve repairs;
- Backlick Run Flume Outlet repairs.

These projects may be eligible for up to 75% reimbursement from the Federal Emergency Management Agency, and City staff will pursue reimbursement as work is completed.

Continued urbanization in the City and in Fairfax County over the years has put excessive stress on the vitality of natural streams throughout the City. This has caused erosion, loss of natural habitat 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. Having access to healthy, thriving natural areas provides opportunities for people to connect with the natural world and improves the overall well-being of communities.

Prior to moving ahead with restoration projects originally planned for FY2016 and FY2017, a citywide stream study is being proposed (FY 2016/2017) which will help the City to develop overall strategy to deal with degraded streams and will assist in prioritizing the projects. FY 2018/2019 funding will be used to carry out design and construction of the top priority projects.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City
- Improve the health of City waterways
- Sustain the natural quality of land within the City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government
- Ensure government is accountable to the community

Focus Area: Safe, Secure, & Just Community
- Reduce harm to people or property from disasters

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Stormwater Utility Study

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): Office of Management and Budget
ORG: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: N/A

Stormwater Utility Study													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	640,000	*0*	640,000	0	0	0	0	0	0	0	0	0	640,000
Financing Plan													
Cash Capital	640,000	*0*	640,000	0	0	0	0	0	0	0	0	0	640,000
Total Financing Plan	640,000	*0*	640,000	0	0	0	0	0	0	0	0	0	640,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: This is a new project added for FY 2016.

Project Description & Justification

Several stormwater capital projects identified and funded in approved CIP over next 10 years are for the City to be able to comply with C-Bay Total Maximum Daily Loads (TMDL) requirements (regulatory compliance). The projects driven by new mandates are over and above the existing level of service. Existing stormwater management program is funded by general funds and costs the dedicated 0.5 cents on the real estate tax rate exclusively for stormwater.

Stormwater Utility Study Phase I will be conducted in FY2016 to explore stormwater utility for sustainable and equitable funding of stormwater programs. This study will update the needs analysis from 2009, define the services that could be covered by the utility, and study their level and costs, both current and in future. In addition, billing units will be developed. There will be an extensive and robust public engagement process as this phase is being executed.

Based on the results of Phase I Utility Study, City Council may allocate additional resources and direct staff to commence Phase II in FY2017. Under this scenario, in Phase II, billing method and frequency will be determined, customer database will be prepared and billing systems will be developed. Credit policies along with the Stormwater Utility Ordinance will be developed and adopted in Phase II. City Council's adoption of the Utility Ordinance will be the final step towards implementation of Stormwater Utility effective FY2018.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure the fiscal strength of City government
- Ensure government is accountable to the community

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Sustain the natural quality of land within the City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- Consistent with the Eco-City Charter and Eco-City Action Plan 2030, adopted by City Council June 2008 and June 2009 respectively
- T&ES Strategic Plan: Key Result Area – Meet or exceed state and federal requirements of the City's MS4 and combined sewer permits
- Stormwater Utility staff presentation to City Council December 10, 2014

Additional Operating Budget Impact

While implementation of stormwater utility will provide sustainable funding source for stormwater funding outside of the General Funds, there are start-up costs. 1.0 FTE ($140,000) is being requested in FY2016. The FTE will be capitalized and charged to this project. Costs of the position are not shown in the additional operating impact chart above since they are being capitalized. Additional FTEs may be required in FY 2017/2018 to support this project.

MS4 / Total Maximum Daily Load (TMDL) Compliance Water Quality Improvements

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: 50+ years

MS4-TMDL 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	28,900,000	*500,000*	0	400,000	500,000	500,000	3,000,000	3,000,000	3,500,000	3,500,000	7,000,000	7,000,000	28,400,000
Financing Plan													
Cash Capital	9,910,000	*500,000*	0	400,000	250,000	250,000	750,000	700,000	750,000	750,000	2,750,000	2,810,000	9,410,000
GO Bonds	18,990,000	*0*	0	0	250,000	250,000	2,250,000	2,300,000	2,750,000	2,750,000	4,250,000	4,190,000	18,990,000
Total Financing Plan	28,900,000	*500,000*	0	400,000	500,000	500,000	3,000,000	3,000,000	3,500,000	3,500,000	7,000,000	7,000,000	28,400,000
Additonal Operating Impact													
Annual Impact			0	0	0	50,000	51,500	53,045	100,000	103,000	150,000	154,500	662,045
Cumulative Impact			0	0	0	50,000	101,500	154,545	254,545	357,545	507,545	662,045	662,045

Changes from Prior Year CIP: Funding in the amount of $7.0 million is added in FY 2025. No other changes from the prior year CIP.

Project Description & Justification

The Virginia Department of Environmental Quality (VDEQ) issued the City's new Municipal Separate Storm Sewer System (MS4) Permit on July 1, 2013 that specifies and imposes City-specific stormwater nutrients and sediment reduction targets for the Chesapeake Bay (C-Bay) Total Maximum Daily Load (TMDL) through the permit. Accordingly, the new permit requires the City to implement practices sufficient to achieve 5% of the reduction targets during first 5-year permit (2013-2018) and 40% of reduction targets by the end of the 10-year period (2023).

The City has been discussing the options available to comply with these targets through Stormwater Steering Committee and Stormwater Workgroup. Additionally, the City completed the Chesapeake Bay TMDL Compliance Analysis and Options (Analysis) report that looked into options and alternatives for treating stormwater and corresponding costs. As the specific projects to achieve these reductions are being discussed and developed, this budget is based on funding that can be used to implement a diverse mix of strategies to achieve a large portion of the required reductions in the next ten years.

In addition to these regional facilities, stormwater quality retrofits of City facilities and ROW will be required to meet the reductions. The budgetary estimates were developed with engineers from the firms conducting the Chesapeake Bay TMDL Compliance Analysis and Options Study. Please note that funding requests, along with the inclusion of the Lake Cook, Cameron Station Pond Retrofit and City Facilities BMP projects will likely satisfy the first permit cycle (2013 - 2018 permit). For FY 2019 and beyond, estimates are provided based on staff's best professional judgment and may need to be revised as the 2018 permit requirements and as the regulators' expectations become clearer.

(Continued on next page)

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Sustain the natural quality of land within the City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community

External or Internal Adopted Plan or Recommendation

- Consistent with the Eco-City Charter and Eco-City Action Plan 2030, adopted by City Council June 2008 and June 2009 respectively
- T&ES Strategic Plan: Key Result Area – Meet or exceed state and federal requirements of the City's MS4 and combined sewer permits

Additional Operating Budget Impact

Operating impact is to cover for the maintenance of the retrofit facilities that will be coming online is estimated at $50,000 in FY 2019 and increasing to $150,000 by FY 2024. Costs will be lower in FY 2019 as the facilities that come online will be newer. With passing time, a more rigorous inspection and maintenance program will need to be implemented for the City to continue to get reduction credits from the implemented practices.

MS4 / Total Daily Maximum Load (TMDL) Compliance Water Quality Improvements (Continued)

Project Description and Justification (Continued)

This is primarily because of new regulatory requirements of Chesapeake Bay TMDLs for nutrients and sediments, bacteria TMDLs for Hunting Creek, and Four Mile Run. Total cost of compliance and mitigation for FY 2016 – 2025 may range as high as $50 million and depends on the type and mix of technologies implemented. The cost of compliance beyond 2023 (i.e. FY 2026 – 2033) may be an additional $100 million.

Storm Sewer System Spot Improvements

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: 52411855

Project Location: Citywide
Reporting Area: Citywide
Project Category: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	10,360,221	*7,660,221*	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Financing Plan													
Prior City & Stormwater Funding	7,660,221	*7,660,221*	0	0	0	0	0	0	0	0	0	0	0
GO Bonds	2,700,000	*0*	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Total Financing Plan	10,360,221	*7,660,221*	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Additonal Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding planned in FY 2016 deferred until FY 2017 as prior year balances are available to complete previously identified Storm Sewer System projects. Funding added for FY 2025. No tother changes from prior year CIP.

Project Description & Justification

This project provides funding for essential capital infrastructure improvements on the City's storm sewer system. These projects are identified as reconstruction projects due to deterioration or need additional capacity to reduce flooding.

Prior year project balances will be utilized for projects listed on the next page.

Completion of these projects will improve the City's storm sewer capital infrastructure while mitigating the impacts of flooding. Regular capital infrastructure improvements can reduce the number of pipe collapses while reducing emergency repair costs caused by deferred maintenance.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Storm Sewer System Spot Improvements (Continued)

Current Storm Sewer Spot Improvement Projects

Project	Description	Status
DASH Facility Stormwater Outfall	This project includes design and construction of stormwater management system to prevent flooding. The original concept to improve the outfall across railroad ROW was deemed not feasible because of constructability issues. Alternatives being evaluated include providing detention storage with appropriate overland relief.	Currently under alternatives evaluation. Design will begin in FY2016 with construction in FY2017/2018.
600 Russell Road	Provide expanded inlets to reduce ponding and flooding in the street.	Under design. Construction summer 2015.
Bishop Lane Drainage Improvement	Flooding/ponding in the street. Alternative being studied includes green technology such as bioretention filter because of lack of availability of sewer nearby.	Design/evaluation in progress.
Misc. sewer lining and repairs - Near Virginia Avenue	Project involves slip lining a deteriorated sewer.	Inspection/ evaluation and Design FY2015. Construction FY2016.
Drainage Improvements 600 Block N Columbus Street	Remediate localized flooding/ponding. Alternatives being evaluated include green infrastructure.	Alternative evaluation FY2015. Design and construction FY2016/FY2017.
800 Block Mt. Vernon Avenue	Localized flooding/ponding. Project includes installation and improvement of storm sewer system. Design is currently being shared with the neighbors for their comments and input.	Construction in FY2015/FY2016

Lake Cook Stormwater Management

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: TBD

Project Location: Eisenhower Avenue
Reporting Area: Seminary Hill/Strawberry Hill
Project Category: 3 – New Facilities
Estimated Useful Life: 30 years

Lake Cook Stormwater Management													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,700,000	*2,700,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	1,500,000	*1,500,000*	0	0	0	0	0	0	0	0	0	0	0
Stormwater Local Asst. Fund	1,200,000	*1,200,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	2,700,000	*2,700,000*	0	0	0	0	0	0	0	0	0	0	0
Additonal Operating Impact													
Annual Impact			0	0	100,000	103,000	106,090	109,273	112,551	115,927	119,405	122,987	889,234
Cumulative Impact			0	0	100,000	203,000	309,090	418,363	530,914	646,841	766,246	889,234	889,234

Changes from Prior Year CIP: No changes from prior year CIP. This is an active project with no additional funding required.

Project Description & Justification

The Virginia Department of Environmental Quality (VDEQ) issued the City's new Municipal Separate Storm Sewer System (MS4) Permit on July 1, 2013 that specifies and imposes City-specific stormwater nutrients and sediment reduction targets for the Chesapeake Bay (C-Bay) Total Maximum Daily Load (TMDL) through the permit. Accordingly, the new permit requires the City to implement practices sufficient to achieve 5% of the reduction targets during first 5-year permit (2013-2018) and 40% of reduction targets by the end of the 10-year period (2023).

Retrofits to existing large regional stormwater facilities will provide additional pollutant removal either by enhancing the treatment efficiency and/or in combination to increasing the amount of area draining to the facility, and is one of the most cost effective strategies to meet the identified pollution reduction requirements. In order to comply with these targets, the City has been discussing these strategies and other options available through a Stormwater Steering Committee and Stormwater Workgroup. The City also completed the Chesapeake Bay TMDL Compliance Analysis and Options report that looked into options and alternatives for treating stormwater and corresponding costs.

In order to capitalize on an opportunity available to seek a stormwater improvements grant, the City pursued and received $1.2 million for the Lake Cook retrofit project, which was matched by the City. Once completed, Lake Cook is expected to treat stormwater from a total of approximately 300 acres, including approximately 100 impervious acres and is expected to meet approximately 10% of the total pollution reduction requirements of the City. This project also offers an opportunity to enhance the recreational elements of this facility, making it more of an amenity than it is currently.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Sustain the natural quality of land within the City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community

External or Internal Adopted Plan or Recommendation

- Consistent with the Eco-City Charter and Eco-City Action Plan 2030, adopted by City Council June 2008 and June 2009 respectively
- T&ES Strategic Plan: Key Result Area – Meet or exceed state and federal requirements of the City's MS4 and combined sewer permits

Additional Operating Budget Impact

Average operational costs based on published studies of such facilities with enhanced amenities and visibility are estimated at $100,000 annually beginning in FY 2018, with a three percent annual inflation factor included each year thereafter.

Cameron Station Pond Retrofit

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: TBD

Project Location: Cameron Station
Reporting Area: Landmark/Van Dorn
Project Category: 3 – New Facilities
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	3,500,000	*0*	2,250,000	625,000	625,000	0	0	0	0	0	0	0	3,500,000
Financing Plan													
GO Bonds	1,750,000	*0*	500,000	625,000	625,000	0	0	0	0	0	0	0	1,750,000
Stormwater Local Asst. Fund	1,750,000	*0*	1,750,000	0	0	0	0	0	0	0	0	0	1,750,000
Total Financing Plan	3,500,000	*0*	2,250,000	625,000	625,000	0	0	0	0	0	0	0	3,500,000
Additonal Operating Impact													
Annual Impact			0	0	0	0	135,000	139,050	143,222	147,518	151,944	156,502	873,235
Cumulative Impact			0	0	0	0	135,000	274,050	417,272	564,790	716,733	873,235	873,235

Changes from Prior Year CIP: A state grant in the amount of $1.75 was awarded to the City in FY 2015 for this project. Those funds are appropriated in FY 2016, and allow the City to reduce its contribution to this project by $1.75 million.

Project Description & Justification

Virginia Department of Environmental Quality (VDEQ) issued the City's new Municipal Separate Storm Sewer System (MS4) Permit on July 1, 2013 that specifies and imposes City-specific stormwater nutrients and sediment reduction targets for the Chesapeake Bay (C-Bay) Total Maximum Daily Load (TMDL) through the permit. Accordingly, the new permit requires the City to implement practices sufficient to achieve 5% of the reduction targets during first 5-year permit (2013-2018) and 40% of reduction targets by the end of the 10-year period (2023).

Retrofits to existing large regional stormwater facilities will provide additional pollutant removal either by enhancing the treatment efficiency and/or in combination to increasing the amount of area draining to the facility and is one of the most cost effective strategies to meet the identified pollution reduction requirements. In order to comply with these targets, the City has been discussing these strategies and other options available to the City through a Stormwater Steering Committee and Stormwater Workgroup. The City also completed the Chesapeake Bay TMDL Compliance Analysis and Options report that looked into options and alternatives for treating stormwater and corresponding costs.

In FY 2015, City staff pursued and received $1.75 million in a grant from the Stormwater Local Assistance Fund by leveraging an equivalent amount of funding from this project. This reduced the City funded contribution to this project by half of the original budgeted amount.

A Cameron Station Pond Retrofit is a cost effective strategy to meet 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 than it is currently.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Sustain the natural quality of land within the City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community

External or Internal Adopted Plan or Recommendation

- Consistent with the Eco-City Charter and Eco-City Action Plan 2030, adopted by City Council June 2008 and June 2009 respectively
- T&ES Strategic Plan: Key Result Area – Meet or exceed state and federal requirements of the City's MS4 and combined sewer permits

Additional Operating Budget Impact

Average operational costs based on published studies of such facilities with enhanced amenities and visibility are estimated at $135,000 annually beginning in FY 2020, with a three percent annual inflation factor included each year thereafter.

City Facilities Stormwater Best Management Practices (BMPs)

Document Subsection: Stormwater Management
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
ORG: TBD

Project Location: Citywide
Reporting Area: Citywide
Project Category: 3 – New Facilities
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,545,000	*0*	0	412,000	1,133,000	0	0	0	0	0	0	0	1,545,000
Financing Plan													
Cash Capital	445,000	*0*	0	212,000	233,000	0	0	0	0	0	0	0	445,000
GO Bonds	1,100,000	*0*	0	200,000	900,000	0	0	0	0	0	0	0	1,100,000
Total Financing Plan	1,545,000	*0*	0	412,000	1,133,000	0	0	0	0	0	0	0	1,545,000
Additonal Operating Impact													
Annual Impact			0	0	0	25,000	25,750	26,523	27,318	28,138	28,982	29,851	191,562
Cumulative Impact			0	0	0	25,000	50,750	77,273	104,591	132,728	161,710	191,562	191,562

Changes from Prior Year CIP: Planned funding in FY 2016 & 2017 is shifted to FY 2017 & 2018 to allow to for completion of the Cameron Station Pond Retrofit and Lake Cook Stormwater Management projects. Costs are increaed by $45,000 over last year's CIP to account for 3% inflation.

Project Description & Justification

The Virginia Department of Environmental Quality (VDEQ) issued the City's new Municipal Separate Storm Sewer System (MS4) Permit on July 1, 2013 that specifies and imposes City-specific stormwater nutrients and sediment reduction targets for the Chesapeake Bay (C-Bay) Total Maximum Daily Load (TMDL). Accordingly, the approved permit requires the City to implement practices sufficient to achieve 5% of the reduction targets during the first 5-year permit and 40% of the reduction target by the end of 10-year period.

One of the strategies to meet the identified pollution reduction requirements is by retrofitting existing City properties that currently do not provide stormwater treatment with stormwater facilities to provide the additional pollutant removal. The City has been discussing these and other options available to comply with these targets through a Stormwater Steering Committee and a Stormwater Workgroup. The City has also completed the Chesapeake Bay TMDL Compliance Analysis and Options (Analysis) report that looked into options and alternatives for treating stormwater and corresponding costs.

Working closely with the General Services and Recreation, Parks and Cultural Activities Departments, the following three locations have been identified for stromwater retrofits:

- City maintenance facility at Luckett Field;
- T&ES/Recreation operations at 2900 Business Center Drive; and
- City traffic shop at Colvin Street.

Once completed these retrofits are expected to treat stormwater from a total of approximately 4-8 impervious acres. These sites have been selected because of the facilities operational stormwater impacts and their relatively high percentage of impervious acreage.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Livable, Green, and Prospering City

- Improve the health of City waterways
- Sustain the natural quality of land within the City
- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community

External or Internal Adopted Plan or Recommendation

- Consistent with the Eco-City Charter and Eco-City Action Plan 2030, adopted by City Council June 2008 and June 2009 respectively
- T&ES Strategic Plan: Key Result Area – Meet or exceed state and federal requirements of the City's MS4 and combined sewer permits

Additional Operating Budget Impact

Average operational costs based on published studies of such facilities with enhanced amenities and visibility are estimated at $25,000 annually beginning in FY 2019, with a three percent annual inflation factor included each year thereafter.

OTHER REGIONAL CONTRIBUTIONS

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Other Regional Contributions
Approved FY 2016 -2025 Capital Improvement Program
Summary of Projects

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Other Regional Contributions											
Northern Virginia Community College (NVCC)	340,241	381,825	385,644	389,500	393,395	397,329	401,302	405,315	409,369	413,462	3,917,383
Northern Virginia Regional Park Authority (NVRPA)	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	3,826,520
Peumansend Creek Regional Jail	104,085	98,506	0	0	0	0	0	0	0	0	202,591
FY 2016 - 2025 Other Regional Contributions Total	826,978	862,983	768,296	772,152	776,047	779,981	783,954	787,967	792,021	796,114	7,946,494

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Northern Virginia Community College (NVCC)

Document Subsection: Regional Contributions
Managing Department: Office of Management & Budget
Supporting Department(s): N/A
ORG: 56871970

Project Location: 3001 N. Beauregard St. (Alexandria Campus)
Reporting Area: Regional
Project Category: 1 – Asset Maintenance
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	7,184,161	*3,266,779*	340,241	381,825	385,644	389,500	393,395	397,329	401,302	405,315	409,369	413,462	3,917,382
Financing Plan													
Prior City Funding	3,266,779	*3,266,779*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	3,917,382	*0*	340,241	381,825	385,644	389,500	393,395	397,329	401,302	405,315	409,369	413,462	3,917,382
Total Financing Plan	7,184,161	*3,266,779*	340,241	381,825	385,644	389,500	393,395	397,329	401,302	405,315	409,369	413,462	3,917,382
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Slight increase over planned FY 2016 in last year's CIP based on updated population numbers and the "Fair Share Allocation" for FY 2016.

Project Description & Justification

This project provides for the City's capital contribution to the Northern Virginia Community College, a two-year college serving Northern Virginia.

In FY 2016, the City's share of the regional subsidy to NVCC is $340,241, or 6.4% percent of the total local capital request of $5.27 million. Each jurisdiction's share is determined by a formula based on the population of each of the nine participating jurisdictions. A breakdown of funding by jurisdiction is included on the next page (Table B).

This year, the CIP continues the requested rate of growth in the City's contribution at $2.25 per capita instead of increasing to $2.50. An increase in FY 2017 is included for planning purposes only. The table on the next page shows the impact this has on the City capital contribution (Table A).

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.

(Continued on next page)

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 4 – Children, Youth & Families

Focus Area: Health & Thriving Residents

- Ensure the educational and developmental attainment of all residents

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Northern Virginia Community College (Continued)

Table A: Alexandria Contribution

City of Alexandria NVCC Contribution

Fiscal Year	[1]Population Estimate	[2] Rate Per Capita	FY 2016-2025 Contribution
2016	151,218	$ 2.25	$ 340,241
2017	152,730	$ 2.50	$ 381,825
2018	154,257	$ 2.50	$ 385,644
2019	155,800	$ 2.50	$ 389,500
2020	157,358	$ 2.50	$ 393,395
2021	158,932	$ 2.50	$ 397,329
2022	160,521	$ 2.50	$ 401,302
2023	162,126	$ 2.50	$ 405,315
2024	163,747	$ 2.50	$ 409,369
2025	165,385	$ 2.50	$ 413,462

[1]FY 2016 population figures are from the Weldon Cooper Center for Public Service (revised 1/27/2014). FY 2016 - FY 2024 assume 1% population growth annually.

[2] Rate estimated for FY 2017 and beyond.

Table B: Regional Jurisdiction Contribution

Jurisdiction	Population Estimate	FY 2016 Rate	FY 2016 Contribution	Percent of Total Contribution
Alexandria City	151,218	$ 2.25	$ 340,241	6.46%
Arlington County	227,146	$ 2.00	$ 454,292	8.62%
Fairfax City	23,938	$ 2.25	$ 53,861	1.02%
Fairfax County	1,116,897	$ 2.25	$ 2,513,018	47.68%
Falls Church City	13,315	$ 2.25	$ 29,959	0.57%
Loudoun County	347,969	$ 2.25	$ 782,930	14.86%
Manassas City	40,690	$ 2.25	$ 91,553	1.74%
Manassas Park City	15,174	$ 2.25	$ 34,142	0.65%
Prince William County	431,258	$ 2.25	$ 970,331	18.41%
TOTAL	2,367,605	$ 2.25	$ 5,270,325	100.00%

Northern Virginia Regional Park Authority (NVRPA)

Document Subsection: Regional Contributions

Project Location: 121 N. Fairfax St. (Carlyle House) and 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 – Asset Maintenance

ORG: 44801655

Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	9,383,412	*5,556,892*	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	3,826,520
Financing Plan													
Prior City Funding	5,556,892	*5,556,892*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	3,826,520	*0*	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	3,826,520
Total Financing Plan	9,383,412	*5,556,892*	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	382,652	3,826,520
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: An increas of $6,676 over last year's planned FY 2016 amount is based on updated population numbers as relates to each jurisdictions share of capital funding.

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. Of the FY 2016 NVRPA capital budget total, the City's share is $382,652.

For FY 2016, the NVRPA Board decided to keep the per capita rate that same as FY 2015, which was $2.57 for the capital budget. Table A on the next page provides additional information regarding the contributions of each jurisdiction.

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 an allocable share of the costs of the park program.

(Continued on next page)

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 2 – Health & Environment

Focus Area: Healthy & Thriving Residents

- Improve City residents' overall health
- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Operating support of $281,406 is included as part of the FY 2016 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 Park Authority (Continued)

Chart A: Regional Jurisdiction Contribution

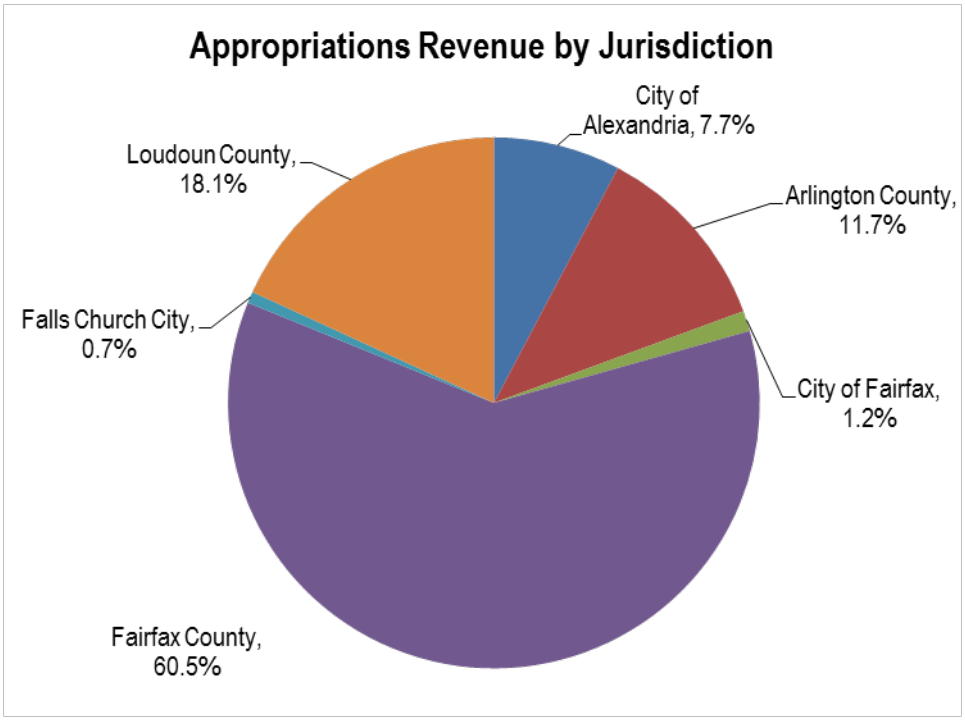

Table B: Regional Jurisdiction Contribution

	[1]2016 Estimated Population	[1]Per Capita Cost	Percent of Total Pop.	FY 2016 Capital Request
City of Alexandria	148,892	$ 2.57	7.87%	$ 382,652
Arlington County	224,906	$ 2.57	11.89%	$ 578,008
City of Fairfax	23,973	$ 2.57	1.27%	$ 61,611
[2]Fairfax County	1,130,924	$ 2.57	59.78%	$ 3,000,000
Falls Church City	13,508	$ 2.57	0.71%	$ 34,716
Loudoun County	349,679	$ 2.57	18.48%	$ 898,675
Totals	1,891,882	$ 2.57	100.00%	$ 4,955,662

[1] For FY 2016, population figures are based on U.S. Census "Annual Estimates of the Resident Population for Counties of Virginia" as of July 2013, with a release date of April 2014. The Per Capita Cost remains unchanged from FY 2015.

[2] Fairfax County share based on 2012 bond referendum.

Peumansend Creek Regional Jail

Document Subsection: Regional Contributions
Managing Department: Office of Management & Budget
Supporting Department(s): Sheriff's Office
ORG: 46341768

Project Location: 11093 SW Lewis Memorial Dr., Bowling Green, VA
Reporting Area: Regional
Project Category: 1 – Asset Maintenance
Estimated Useful Life: Varies

Peumansend Creek Regional Jail													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	3,253,433	*3,050,842*	104,085	98,506	0	0	0	0	0	0	0	0	202,591
Financing Plan													
Prior City Funding	3,050,842	*3,050,842*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	202,591	*0*	104,085	98,506	0	0	0	0	0	0	0	0	202,591
Total Financing Plan	3,253,433	*3,050,842*	104,085	98,506	0	0	0	0	0	0	0	0	202,591
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			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

This project provides the City's debt service contribution to the Peumansend Creek Regional Jail, a minimum-security facility used to house low-risk, non-violent inmates from six Virginia jurisdictions. The Virginia local governments whose governing bodies have agreed to participate in the regional jail include the Cities of Alexandria and Richmond and the Counties of Arlington, Caroline, Loudoun, and Prince William. The jail was constructed and is operated by the Peumansend Creek Regional Jail Authority, which was established in 1992. The City is a member of this Authority. The facility opened on September 7, 1999 and was built for approximately $27.0 million with 50% of the funding to be reimbursed by the Commonwealth, and 50% from the six localities. Alexandria is allocated 50 beds, or approximately 15% of the 336 beds in the facility.

The facility is located at Fort A.P. Hill, an Army base in Caroline County, Virginia approximately 80 miles south of Washington, D.C. The City's contribution includes the annual debt service payment based on the actual bond issuance in March 1997. The City's share of the capital cost of this facility is estimated at approximately $3.2 million in capital and debt service costs over the 20-year period of debt (1997-2016). For FY 2016, a debt service payment of $104,085 is budgeted.

During FY 1989, the Northern Virginia Chief Administrative Officers and Sheriffs' Task Force approved a feasibility study for constructing a regional minimum security facility to hold sentenced inmates from Alexandria and the Counties of Caroline, Fairfax, Arlington, Prince William and Loudoun. In April 1991, the U.S. Congress passed legislation that would provide for the transfer of 150 acres of land at Fort A. P. Hill to Caroline County for the regional jail. On March 10, 1992, City Council approved Alexandria's participation in this regional facility and in September 1994, approved the Service Agreement establishing the financial and operational commitments of the member jurisdictions regarding the design, construction and operation of a 336 bed regional jail. In 1994, the U.S. Congress amended the legislation to extend the date to begin construction of the regional jail from April 1995 to April 1997.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure, & Just Community

- Reduce crime
- Ensure all community members, visitors, and employees are treated justly and fairly under the law

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Operating support of $421,289 is included as part of the FY 2016 operating 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.

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INFORMATION TECHNOLOGY

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Information Technology
Approved FY 2016 - 2025 Capital Improvement Program
Summary of Projects

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Public Access Development											
Customer Relationship Management System	0	200,000	500,000	50,000	25,000	25,000	100,000	25,000	25,000	25,000	975,000
Electronic Government	0	285,000	0	0	0	0	0	0	0	0	285,000
Document Management											
Document Imaging	50,000	0	0	0	0	0	0	0	0	0	50,000
Financial Systems											
Enterprise Resource Planning System	130,000	100,000	100,000	100,000	100,000	0	0	0	0	0	530,000
Phone, Web, Portable Device Payment Portals	160,000	640,000	0	0	340,000	0	0	0	0	160,000	1,300,000
Real Estate Account Receivable System	325,000	60,000	0	0	0	0	120,000	0	0	0	505,000
Employee Pension Administration System	0	0	300,000	50,000	0	0	0	175,000	25,000	0	550,000
Personal Property Tax System	0	0	90,000	460,000	0	0	0	0	60,000	280,000	890,000
Business Tax System/Reciprocity Contractor System	0	0	90,000	0	0	0	100,000	382,000	0	0	572,000
Real Estate Assessment System (CAMA)	0	0	0	40,000	620,000	210,000	0	0	0	0	870,000
Geographic Information Systems											
GIS Development	0	80,000	100,000	0	100,000	50,000	200,000	0	0	0	530,000
Public Safety Systems											
AJIS Enhancements	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	600,000
Computer Aided Dispatch (CAD) System Replacement	0	635,000	315,000	1,111,000	265,000	0	0	0	0	0	2,326,000
EMS Records Management System	0	0	0	0	0	425,000	0	0	0	0	425,000
Other System Development Projects											
Permit Processing	1,750,000	0	0	0	0	0	0	0	0	0	1,750,000
Enterprise Maintenance Mgmt System	100,000	130,000	100,000	40,000	40,000	40,000	0	0	0	0	450,000
HIPAA & Related Health Information Technologies	53,000	25,000	25,000	25,000	50,000	25,000	25,000	25,000	25,000	50,000	328,000
Migration of Integrated Library System to SAAS Platform	42,000	27,000	30,240	0	0	0	0	0	0	0	99,240
Project Management Software	185,000	0	0	0	0	0	0	0	0	0	185,000
Library Public Access Computers and Print Mgmt System	0	100,000	0	0	0	0	85,000	0	0	0	185,000
Replacement of City Voting Equipment	0	0	0	0	895,000	0	0	0	0	0	895,000

Information Technology
Approved FY 2016 - 2025 Capital Improvement Program
Summary of Projects (continued)

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

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	TOTAL FY 16-25
Network Services											
Upgrade Work Station Operating Systems	150,000	175,000	200,000	200,000	200,000	0	0	0	0	0	925,000
Voice Over Internet Protocol (VoIP)	250,000	150,000	350,000	150,000	150,000	0	0	0	0	0	1,050,000
Network Security	325,000	225,000	225,000	225,000	225,000	0	0	0	0	0	1,225,000
Network Server Infrastructure	300,000	400,000	175,000	175,000	500,000	0	0	0	0	0	1,550,000
Connectivity Initiatives	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	4,500,000
Database Infrastructure	40,000	40,000	40,000	40,000	40,000	40,000	0	0	0	0	240,000
Enterprise Collaboration (Including AlexStat Hardware & Software)	40,000	40,000	40,000	40,000	40,000	0	0	0	0	0	200,000
Enterprise Data Storage Infrastructure	200,000	400,000	400,000	200,000	200,000	0	0	0	0	0	1,400,000
Information Technology Equipment Replacement	300,000	200,000	400,000	620,000	620,000	0	0	0	0	0	2,140,000
IT Enterprise Management System	50,000	150,000	20,000	20,000	100,000	0	0	0	0	0	340,000
LAN Development	65,000	15,000	25,000	25,000	25,000	0	0	0	0	0	155,000
LAN/WAN Infrastructure	560,000	360,000	360,000	360,000	260,000	0	0	0	0	0	1,900,000
Municipal Fiber	0	0	0	0	0	0	0	0	0	0	0
Remote Access	0	250,000	150,000	150,000	150,000	75,000	75,000	0	0	0	850,000
Data Center Relocation	0	0	0	0	0	0	0	0	0	0	0
Information Technology Lump Sum Funding	0	0	0	0	250,000	3,550,000	4,000,000	4,000,000	4,000,000	4,000,000	19,800,000
FY 2016 - 2025 Information Technology Plan Total	5,585,000	5,197,000	4,545,240	4,591,000	5,705,000	4,950,000	5,215,000	5,117,000	4,645,000	5,025,000	50,575,240

Electronic Government (E-Government)

Document Subsection: Public Access Development
Managing Department: Communications
Supporting Department(s): Information Technology Services
ORG: 55211907

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies

Electronic Government													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,521,381	*1,236,381*	0	285,000	0	0	0	0	0	0	0	0	285,000
Financing Plan													
Prior City Funding	1,236,381	*1,236,381*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	285,000	*0*	0	285,000	0	0	0	0	0	0	0	0	285,000
Total Financing Plan	1,521,381	*1,236,381*	0	285,000	0	0	0	0	0	0	0	0	285,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding in the amount of $285,000 is added to FY 2017 to continue to advance Electronic Government initiatives.

Project Description & Justification

The E-Government project includes enhancements to, and applications for, the City of Alexandria's public website, www.alexandriava.gov and related sites; content and applications for the City's employee intranet AlexNet; and various technology innovation initiatives in the City to benefit both the general public and City employees.

This project has sufficient prior year balance to cover all initiatives planned in FY 2016. In FY 2017 the CIP will focus on one major initiative; the replacement of the City's Content Management System (CMS).

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well- Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Customer Relationship Management System

Document Subsection: Public Access Development
Managing Department: Communications
Supporting Department(s): Multiple Departments
ORG: 55211942

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 5-10 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,450,000	*475,000*	0	200,000	500,000	50,000	25,000	25,000	100,000	25,000	25,000	25,000	975,000
Financing Plan													
Prior City Funding	475,000	*475,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	975,000	*0*	0	200,000	500,000	50,000	25,000	25,000	100,000	25,000	25,000	25,000	975,000
Total Financing Plan	1,450,000	*475,000*	0	200,000	500,000	50,000	25,000	25,000	100,000	25,000	25,000	25,000	975,000
Additional Operating Impact													
Annual Impact			0	100,000	103,000	106,090	109,273	112,551	115,927	119,405	122,987	126,677	126,677
Cumulative Impact			0	100,000	203,000	309,090	418,363	530,914	646,841	766,246	889,234	1,015,911	1,015,911

Changes from Prior Year CIP: Planned funding in FY 2016 in last year's CIP is shifted to FY 2017 - 2018 based on the prioritization of implementing previously budgeted IT projects before implementing new initiatives.

Project Description & Justification

The goal of the Customer Relationship Management System (CRM) is to provide central coordination of requests for service from the public and other external stakeholders. In January 2013, the City launched a new application, branded Call.Click.Connect, which was implemented with funding from this project. The CRM included a database system – the client software used by City staff to access the database – and a portal on the City's website (alexandriava.gov/Call.Click.Connect) for use by external customers. City staff uses this system to enter requests made by phone, mail, or in person.

The existing backend database that was leveraged to support the client software for the City's CRM is a Computerized Maintenance Management System (CMMS) that has been operational since 2009. This project replaced the existing CMMS with a dedicated CRM for use by all City departments. Functionality included the use of one central database; access for call takers in the office and in the field; consistent assignment and scheduling of work; and real time status updates for customers, staff and the public.

The City is currently reviewing Call.Click.Connect's performance and planning to make necessary adjustments. While Call.Click.Connect has provided an effective way of tracking customer inquiries and staff responses for over two years, the City believes it can be improved. The City is soliciting feedback directly from customers to identify system enhancements that will improve the user experience.

Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well- Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Additional operating costs of $100,000 in FY 2017 are estimated based on new hardware and software maintenance agreement requirements. Annual inflation is factored in beginning FY 2018 and every year thereafter.

Document Imaging

Document Subsection: Document Management Systems
Managing Department: Information Technology Services
Supporting Department(s): Multiple Departments
ORG: 55211885

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,274,375	*2,224,375*	50,000	0	0	0	0	0	0	0	0	0	50,000
Financing Plan													
Prior City Funding	2,224,375	*2,224,375*	0	0	0	0	0	0	0	0	0	0	0
Prior Year/Close-Out - City	50,000	*0*	50,000	0	0	0	0	0	0	0	0	0	50,000
Total Financing Plan	2,274,375	*2,224,375*	50,000	0	0	0	0	0	0	0	0	0	50,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding is added to FY 2016 to complete an assessment of the City's document imaging and storage needs.

Project Description & Justification

This project provides funding for an assessment of new and replacement hardware, software, licensing, upgrades, and professional services for document imaging initiatives. Funds are also used to support continual improvements and new development to imaging technologies that support the City's core applications.

In addition, this project will fund the development of new imaging applications or the development of custom interfaces to existing applications. Due to the unique and specialized skillsets needed in imaging development, the City will procure professional services for a majority of these efforts. Due to resource constraints, this project has been dormant for several years. There is now built-up demand for improvements and upgrades to document imaging services.

The introduction of several new enterprise applications has also increased departmental interest in new custom applications and new interfaces. Since the City's document imaging technology has not been upgraded in more than seven years, new developments will require a full software and infrastructure upgrade. It is anticipated that funding will be needed to support new programs associated with other on-going efforts.

Document imaging initiatives underway in support of the Enterprise Resources Planning project and the Permit Center consolidation have no additional required infrastructure improvements.

Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated with conducting this assessment.

Real Estate Assessment System (CAMA)

Document Subsection: Financial Systems
Managing Department: Finance Department
Supporting Department(s): Information Technology Services
ORG: TBD

Project Location: City of Alexandria – Finance Dept.
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,770,000	*900,000*	0	0	0	40,000	620,000	210,000	0	0	0	0	870,000
Financing Plan													
Prior City Funding	900,000	*900,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	870,000	*0*	0	0	0	40,000	620,000	210,000	0	0	0	0	870,000
Total Financing Plan	1,770,000	*900,000*	0	0	0	40,000	620,000	210,000	0	0	0	0	870,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	30,000	30,900	31,827	32,782	33,765	159,274
Cumulative Impact			0	0	0	0	0	30,000	60,900	92,727	125,509	159,274	159,274

Changes from Prior Year CIP: Planned funding in FY 2017 - 2019 in last year's CIP is shifted to FY 2018 - 2020 based on the departmental budget request.

Project Description & Justification

This project funds improvements to the City's Computer Assisted Mass Appraisal (CAMA) System, which uses statistical software and data management tools to support accurate and uniform property assessments.

This project is currently being reviewed for replacement and possible integration with the City's Enterprise Resource Planning System in FY 2016. The City's current CAMA system is near the end of its life cycle, and the update is necessary to keep up with current technology.

The project will improve the valuation processes and procedures, which supports over 50% of the City's total revenues.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area Team: Livable, Green, & Prospering City

- Increase the value of the real estate tax base

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional operating impact of $30,000 in FY 2021 includes costs for software and hardware maintenance of the new system, offset by savings for not having to maintain the old system. Annual inflation is factored in beginning FY 2022 and every year thereafter.

Enterprise Resource Planning System

Document Subsection: Financial Systems
Managing Department: Information Technology Services
Supporting Department(s): Human Resources, Finance
ORG: 55211946

Project Location: City of Alexandria – Finance/Human Resources/ITS
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies Based on Applications

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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	4,755,000	*4,225,000*	130,000	100,000	100,000	100,000	100,000	0	0	0	0	0	530,000
Financing Plan													
Prior City Funding	4,225,000	*4,225,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	530,000	*0*	130,000	100,000	100,000	100,000	100,000	0	0	0	0	0	530,000
Total Financing Plan	4,755,000	*4,225,000*	130,000	100,000	100,000	100,000	100,000	0	0	0	0	0	530,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			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 City has acquired and is implementing an Enterprise Resource Planning (ERP) software suite to improve the automation and support for a range of administrative and management applications.

City staff has completed Phases 1, 2, and 3 of the ERP software suite implementation. Phase 1 modules (including General Ledger, Accounts Payable, Purchasing and Budgeting) went live in June 2013. Phase 2 modules (Human Resources and Payroll) went live in December 2013. Phase 3 modules (including enhanced functionality of Vendor Services, Grievance and Case Management, Certification & Training, and Professional Development) went live in fourth quarter of 2014.

Phase 4 is currently underway. These modules include; Asset Management, Contract Management, Employee Self Services (ESS) Open Enrollment, CAFR Statement Builder, Employee Reimbursement, and Project & Grants Accounting. The Phase IV modules are estimated to be completed around first quarter of FY 2016.

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Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

No additional operating impact is anticipated. Operating support of the ERP system has been funded in prior year operating budgets.

Business Tax System/Reciprocity Contractor System

Document Subsection: Financial Systems
Managing Department: Finance Department
Supporting Department(s): Information Technology Services
ORG: 5521883

Project Location: City of Alexandria – Finance Dept.
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 5-10 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,621,595	*1,049,595*	0	0	90,000	0	0	0	100,000	382,000	0	0	572,000
Financing Plan													
Prior City Funding	1,049,595	*1,049,595*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	572,000	*0*	0	0	90,000	0	0	0	100,000	382,000	0	0	572,000
Total Financing Plan	1,621,595	*1,049,595*	0	0	90,000	0	0	0	100,000	382,000	0	0	572,000
Additional Operating Impact													
Annual Impact			0	0	22,000	22,660	23,340	24,040	24,761	25,504	26,269	27,057	195,631
Cumulative Impact			0	0	22,000	44,660	68,000	92,040	116,801	142,305	168,574	195,631	195,631

Changes from Prior Year CIP: Planned funding in last year's CIP is shifted back one year based on the departmental request.

Project Description & Justification

The City implemented the primary system modules for a new Business Tax System in calendar years 2010 and 2011. The new application integrates major tax business collection systems into one system and supports business licenses, business personal property taxes, and other business-related taxes. The goal of this project is to improve efficiency through the integration of tax revenue assessments and collections.

The Reciprocity Contractor System project has been combined with Business Tax System. The Reciprocity Contractor System replaces an existing computer application used to record reciprocity contractor gross receipts and payments for business license taxes. Reciprocity contractors must obtain a business license after reaching an annual gross receipt threshold. This system will track the amount of revenue earned for tax purposes, establishing a more accurate means of reporting, and allowing reciprocity contractors to file taxes over the internet.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area: Livable, Green & Prospering City

- Ensure Alexandria supports, retains, and attracts businesses

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional operating impact of $22,000 in FY 2019 includes costs for software and hardware maintenance of the new system, offset by savings for not having to maintain the old system. Annual inflation is factored in beginning FY 2020 and every year thereafter. Costs associated with a new system in FY 2023 will be offset by decreased costs from maintaining the old system.

Real Estate Accounts Receivable System

Document Subsection: Financial Systems
Managing Department: Finance Department
Supporting Department(s): Information Technology Services
ORG: 55211931

Project Location: City of Alexandria – Finance Dept.
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	905,000	*400,000*	325,000	60,000	0	0	0	0	120,000	0	0	0	505,000
Financing Plan													
Prior City Funding	400,000	*400,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	355,000	*0*	175,000	60,000	0	0	0	0	120,000	0	0	0	355,000
Prior Year/Close-Out - City	150,000	*0*	150,000	0	0	0	0	0	0	0	0	0	150,000
Total Financing Plan	905,000	*400,000*	325,000	60,000	0	0	0	0	120,000	0	0	0	505,000
Additional Operating Impact													
Annual Impact			0	0	20,000	20,600	21,218	21,855	22,510	23,185	23,881	24,597	177,847
Cumulative Impact			0	0	20,000	40,600	61,818	83,673	106,183	129,368	153,249	177,847	177,847

Changes from Prior Year CIP: Planned funding in last year's CIP is moved up one year to accommodate the departmental request. This project is a high priority for the Finance department, and other projects were moved back one year to accommodate advancing this project in this year's CIP.

Project Description & Justification

This project supports the accounts receivable portion of the City's real estate tax system. The current receivables system is on an outdated platform. Funds will be used to replace the existing system with a robust, integrated application.

This project supports more effective collection of funds with less management oversight. The upgrade will improve the management and functionality of the system, ensuring the delivery of government services in a more efficient manner.

The City issued a formal Request for Proposals (RFP). The contract was awarded and the implementation planning process started in the first quarter of 2015. The combination of prior year funds and those programmed in FY 2016 will be required to complete the implementation of the new system.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area Team: Livable, Green & Prospering City

- Increase the value of the real estate tax base

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional operating impact of $20,000 in FY 2018 includes costs for software and hardware maintenance of the new system, offset by savings for not having to maintain the old system. Annual inflation is factored in beginning FY 2019 and every year thereafter.

Personal Property Tax System

Document Subsection: Financial Systems
Managing Department: Finance Department
Supporting Department(s): Information Technology Services
ORG: TBD

Project Location: City of Alexandria – Finance Dept.
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	990,000	*100,000*	0	0	90,000	460,000	0	0	0	0	60,000	280,000	890,000
Financing Plan													
Prior City Funding	100,000	*100,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	890,000	*0*	0	0	90,000	460,000	0	0	0	0	60,000	280,000	890,000
Total Financing Plan	990,000	*100,000*	0	0	90,000	460,000	0	0	0	0	60,000	280,000	890,000
Additional Operating Impact													
Annual Impact			0	0	0	0	25,000	25,750	26,523	27,318	28,138	28,982	161,710
Cumulative Impact			0	0	0	0	25,000	50,750	77,273	104,591	132,728	161,710	161,710

Changes from Prior Year CIP: Planned funding in last year's CIP is shifted back one year based on the departmental request.

Project Description & Justification

The City's personal property tax system for the administration of vehicle taxes is a stand-alone system that was developed in-house in the late 1990's and modified as required. This 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.

This project supports upgrades of the personal property tax system to more current technology. Funds provided in FY 2018 and FY 2019 in will be used to update the system to a modern platform.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional operating impact of $25,000 in FY 2020 includes costs for software and hardware maintenance of the updates. Annual inflation is factored in beginning FY 2021 and every year thereafter.

Employee Pension Administration System

Document Subsection: Financial Systems
Managing Department: Finance Department
Supporting Department(s): Information Technology Services
ORG: TBD

Project Location: City of Alexandria – Finance Dept.
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 5 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	550,000	*0*	0	0	300,000	50,000	0	0	0	175,000	25,000	0	550,000
Financing Plan													
Cash Capital	550,000	*0*	0	0	300,000	50,000	0	0	0	175,000	25,000	0	550,000
Total Financing Plan	550,000	*0*	0	0	300,000	50,000	0	0	0	175,000	25,000	0	550,000
Additional Operating Impact													
Annual Impact			0	0	0	(250,000)	(200,000)	(150,000)	(50,000)	(50,000)	(50,000)	(50,000)	(800,000)
Cumulative Impact			0	0	0	(250,000)	(450,000)	(600,000)	(650,000)	(700,000)	(750,000)	(800,000)	(800,000)

Changes from Prior Year CIP: No changes from prior year 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. This project supports the Finance department's strategic plans for long-term financial stability of the City.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

A significant reduction in operating cost savings is expected beginning FY 2019 by ceasing to support a third-party administering the City's retirement plan.

Phone, Web, Portable Device Payment Portals

Document Subsection: Financial Systems
Managing Department: Finance Department
Supporting Department(s): Information Technology Services
ORG: TBD

Project Location: City of Alexandria – Finance Dept.
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 3-5 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,140,000	*0*	160,000	640,000	0	0	340,000	0	0	0	0	0	1,140,000
Financing Plan													
Cash Capital	1,086,000	*0*	106,000	640,000	0	0	340,000	0	0	0	0	0	1,086,000
Prior Year/Close-Out - City	54,000	*0*	54,000	0	0	0	0	0	0	0	0	0	54,000
Total Financing Plan	1,140,000	*0*	160,000	640,000	0	0	340,000	0	0	0	0	0	1,140,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding planned for FY 2016 - 2017 in last year's CIP has been reallocated to allow for planning in FY 2016 with implementation now scheduled for FY 2017.

Project Description & Justification

This project provides funds for the implementation of several taxpayer self-service tools including telephone Interactive Voice Response (IVR), secure Internet payment and account maintenance, and payment interfaces that are compatible with mobile devices such as tablets and smartphones.

These initiatives will improve revenue collection rates, streamline internal business operations and improve customer service to meet public expectations.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area: Livable, Green & Prospering City

- Ensure Alexandria supports, retains, and attracts businesses

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Additional operating impacts will be offset by decreases in costs for internal business operations.

GIS Development

Document Subsection: Geographic Information Systems
Managing Department: Planning and Zoning
Supporting Department(s): Multiple Departments
ORG: 55211948

Project Location: City of Alexandria – Planning & Zoning Dept.
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies Based on Applications

GIS Development													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,744,500	*2,214,500*	0	80,000	100,000	0	100,000	50,000	200,000	0	0	0	530,000
Financing Plan													
Prior City Funding	2,214,500	*2,214,500*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	530,000	*0*	0	80,000	100,000	0	100,000	50,000	200,000	0	0	0	530,000
Total Financing Plan	2,744,500	*2,214,500*	0	80,000	100,000	0	100,000	50,000	200,000	0	0	0	530,000
Additional Operating Impact													
Annual Impact			0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: Planned funding in last year's CIP for FY 2016 deferred until FY 2017. Prior year balances will be sufficient to complete FY 2016 initiatives.

Project Description & Justification

The City's Geographic Information System (GIS) provides the primary source of information on over 100 layers of spatial data (parcels, fire hydrants, population, etc.) and the application and staff resources to access and analyze this data. Access to 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 priorities are guided by a FY 2013 – FY 2017 GIS Strategic Plan. Current prior year funds are adequate to address all current project needs.

Funds in the remaining years of the plan will support the ongoing function of GIS in the City. Additional resources may be requested as GIS Strategic Plan objectives are completed and new ones are initiated. FY2017 will be the last year of the current plan and a plan update will be undertaken at that time.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area: Livable, Green & Prospering City

- Ensure Alexandria supports, retains, and attracts businesses

Focus Area: Safe, Secure & Just Community

- Increase survivability from medical emergencies and traumatic injuries (through Computer Aided Dispatch Support)

External or Internal Adopted Plan or Recommendation

- GIS Strategic Plan, 2012

Additional Operating Budget Impact

Unknown at this time. Additional operating costs will be identified as specific technologies are implemented.

Alexandria Justice Information System (AJIS) Enhancements

Document Subsection: Public Safety Systems
Managing Department: Circuit Court Judges' Chambers
Supporting Department(s): Circuit Court Clerk's Office and Information Technology Services
ORG: 55211964

Project Location: City of Alexandria – Circuit Court
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies Based on Applications

AJIS Enhancements													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,356,002	*1,756,002*	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	600,000
Financing Plan													
Prior City Funding	1,756,002	*1,756,002*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	600,000	*0*	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	600,000
Total Financing Plan	2,356,002	*1,756,002*	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	600,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Based on the departmental request, funding is now budgeted at an even $60,000 annually to support technology upgrades associated with AJIS.

Project Description & Justification

The Alexandria Justice Information System (AJIS) continues to provide multiple City agencies and the law enforcement community with access to critical civil, criminal court and inmate management data, mug shots, documents, and reports. AJIS interfaces with other systems to furnish data to other local, regional, and national law enforcement agencies. Additionally, AJIS provides the public with free as well as fee-based internet access to Circuit Court data and documents. Users depend on AJIS to provide mission-critical court and jail management information around the clock. Agencies use AJIS to help confirm compliance with accreditation standards, grant applications and for other statistical needs.

AJIS funding is used to support regular hardware upgrades needed to accommodate increased functionality and expanded database storage, including document and image archival. Additionally, periodic software upgrades and updates are needed to maintain compatibility and warranty support.

AJIS is an ongoing, mission-critical system and will operate indefinitely. AJIS will continue to be modified to provide new functionality, adjust to agency mandates, and to meet user requests and citizen needs.

Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area: Safe, Secure & Just Community

- Reduce crime

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

EMS Records Management System

Document Subsection: Public Safety Systems
Managing Department: Fire Department
Supporting Department(s): Information Technology Services
ORG: 55211961

Project Location: City of Alexandria – Fire Dept.
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 5-7 years

EMS Records Management System													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	640,000	*215,000*	0	0	0	0	0	425,000	0	0	0	0	425,000
Financing Plan													
Prior City Funding	215,000	*215,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	425,000	*0*	0	0	0	0	0	425,000	0	0	0	0	425,000
Total Financing Plan	640,000	*215,000*	0	0	0	0	0	425,000	0	0	0	0	425,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added in FY 2021 for a planned upgrade of the EMS Records Management System.

Project Description & Justification

The City uses the Emergency Medical Records Management System (RMS) to gather data regarding Emergency Medical Services (EMS) responses to medical emergencies. The data in this system is used to provide a hard copy report to hospitals on patient status when a patient is transported to a hospital. The data is transferred to the Fire/EMS RMS. A data transfer is subsequently made to the City's ambulance billing agency for the calculation and collection of the appropriate ambulance billing charges. There are no changes in this project from the prior fiscal year.

Funding is planned in FY 2020 for an anticipated upgrade of the system.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure & Just Community

- Reduce harm to people and property from fire
- Increase survivability from medical emergencies and traumatic injuries
- Reduce harm to people or property from disasters

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Computer Aided Dispatch System Replacement

Document Subsection: Public Safety Systems
Managing Department: Department of Emergency Communications (DEC)
Supporting Department(s): Multiple Departments
ORG: 55211954

Project Location: City of Alexandria – DEC
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 10 – 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	17,556,000	*15,230,000*	0	635,000	315,000	1,111,000	265,000	0	0	0	0	0	2,326,000
Financing Plan													
Prior City Funding	15,230,000	*15,230,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	2,326,000	*0*	0	635,000	315,000	1,111,000	265,000	0	0	0	0	0	2,326,000
Total Financing Plan	17,556,000	*15,230,000*	0	635,000	315,000	1,111,000	265,000	0	0	0	0	0	2,326,000
Additional Operating Impact													
Annual Impact			527,109	542,922	559,210	575,986	593,266	611,064	629,396	648,278	667,726	687,758	6,042,714
Cumulative Impact			527,109	1,070,031	1,629,241	2,205,227	2,798,493	3,409,557	4,038,953	4,687,230	5,354,956	6,042,714	6,042,714

Changes from Prior Year CIP: Planned funding in last year's CIP for FY 2016 deferred until FY 2017. Prior year balances will be sufficient to complete FY 2016 initiatives. No other changes from prior year CIP.

Project Description & Justification

This project funds the acquisition and implementation of a state-of-the-art Computer Aided Dispatch (CAD) system that meets the consolidated requirements of the Police and Fire Departments, as well as the Sheriff's Office, in order to provide the greatest measure of reliability and assured response to the region while performing critical public safety functions around-the-clock. CAD also interfaces with the Police and Fire Records Management Systems (RMS). The RMS houses historical data which is used to provide critical information to support tactical decisions on the scene. The tight integration with the CAD system necessitates the simultaneous replacement of the Police and Fire RMS.

The City finalized a contract with TriTech Software Systems in January 2013 to provide a combination of software, hardware, third party items, and services that comprise the replacement CAD and Mobile systems. The City kicked off the CAD replacement project in February 2013 and the new TriTech CAD/Mobile system was successfully deployed in January 2015.

AFD decided to upgrade their RMS utilizing the current support vendor (High Plains) while the new APD RMS will be implemented under a separate contract signed with Intergraph in September 2013. The City kicked off the APD RMS replacement project in November 2013 with the new Intergraph RMS system scheduled for deployment in August 2015.

There are several elements to what is budgeted for this project. Equipment that must be replaced due to normal wear-and-tear includes workstations, monitors, servers, and switches. In addition, infrastructure items related to data storage requirements (data domain expansion, storage area network (SAN) disks and arrays) need to be purchased as it is understood that the data maintained in these systems will continue to grow and will need to be managed, maintained and retrieved throughout the lifecycle of these systems.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure & Just Community

- Reduce harm to people and property from fire
- Increase survivability from medical emergencies and traumatic injuries
- Reduce crime
- Reduce harm to people or property from disasters
- Reduce harm to people or property from building failures

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Additional operating impact in FY 2016 includes on-going operating costs including hardware, licensing, and maintenance agreements. Funding in the amount of $527,109 has been included in the FY 2016 operating budget, and increased by inflation annually.

Permit Processing

Document Subsection: Other System Development Projects
Managing Department: Code Enforcement
Supporting Department(s): Multiple Departments
ORG: 55211955

Project Location: City of Alexandria – Code Enforcement
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	4,450,000	*2,700,000*	1,750,000	0	0	0	0	0	0	0	0	0	1,750,000
Financing Plan													
Code Fund	4,450,000	*2,700,000*	1,750,000	0	0	0	0	0	0	0	0	0	1,750,000
Total Financing Plan	4,450,000	*2,700,000*	1,750,000	0	0	0	0	0	0	0	0	0	1,750,000
Additional Operating Impact													
Annual Impact			0	300,000	309,000	318,270	327,818	337,653	347,782	358,216	368,962	380,031	3,047,732
Cumulative Impact			0	300,000	609,000	927,270	1,255,088	1,592,741	1,940,523	2,298,739	2,667,701	3,047,732	3,047,732

Changes from Prior Year CIP: Funding in the amount of $1.75 million from Code fund balance was added in FY 2016 to complete project funding including costs for project management and implementation support.

Project Description & Justification

This project provides funds for the replacement of the City's primary building-related permit system, which supports the administration of the City's land development process and is used by multiple agencies including: Code Administration, Transportation & Environmental Services, Planning & Zoning and the Health Department.

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 (DSUP), special use permits (SUP), board of architectural review cases (BAR), Board of Zoning Appeal cases (BZA), certificates of occupancy (CO), 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.

The legacy software will be replaced with up-to-date technology that will help address the City's current challenges to provide online permit processing, online payments, and online plan review. The City engaged a services vendor to assist in developing a multi-agency Needs Assessment, System Requirements, and Business Process Review. The City finalized the deliverables from the services vendor engagement and incorporated them into the issuance of a formal Request for Proposal (RFP) in December 2014. The City anticipates awarding a contract to a suitable solution provider around Mid CY 2015 and will proceed with starting the implementation planning process shortly after the contract has been awarded.

Total project funding in the amount of $4.45 million from the Code Fund through FY2016 is included to replace the City's existing permitting system.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 1 – Economic Development

Focus Area: Livable, Green & Prospering City
- Ensure Alexandria supports, retains, and attracts businesses

Focus Area: Accountable, Effective & Well-Managed Government
- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area: Safe, Secure & Just Community
- Reduce harm to people or property from building disasters

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Additional operating impacts are anticipated once the new system has been implemented. The new system will be a consolidation of multiple programs under one enterprise system which will require technical expertise not currently on staff. It is estimated two positions & maintenance costs to incur an additional operating budget impact of about ($300,000). Costs are increased by inflation in FY 2017 and every year thereafter.

DCHS HIPAA Health and Information Technologies

Document Subsection: Other System Development Projects
Managing Department: Department of Community and Human Services
Supporting Department(s): Information Technology Services
ORG: 55211894

Project Location: City of Alexandria - DCHS
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies N/A

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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	803,000	*475,000*	53,000	25,000	25,000	25,000	50,000	25,000	25,000	25,000	25,000	50,000	328,000
Financing Plan													
Prior City Funding	475,000	*475,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	300,000	*0*	25,000	25,000	25,000	25,000	50,000	25,000	25,000	25,000	25,000	50,000	300,000
Prior year/Close-Out - City	28,000	*0*	28,000	0	0	0	0	0	0	0	0	0	28,000
Total Financing Plan	803,000	*475,000*	53,000	25,000	25,000	25,000	50,000	25,000	25,000	25,000	25,000	50,000	328,000
Additional Operating Impact													
Annual Impact			20,500	21,115	21,748	22,401	23,073	23,765	24,478	25,212	25,969	26,748	235,010
Cumulative Impact			20,500	41,615	63,363	85,764	108,837	132,602	157,080	182,293	208,262	235,010	235,010

Changes from Prior Year CIP: Planned funding of $25,000 in last year's CIP for FY 2016 increased to $53,000 to address system updates required by federal mandates and additional hardware costs.

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 of the Department's functions, processes and systems that store, generate, or report on health information.

This project supports a continued self-assessment of our current business functions, our Health Information Technology infrastructure and use, as well as any related impact on HIPAA regulations and other mandated compliance issues.

Funds provided in the out years of FY 2016 through FY 2020 are to meet the future enhancements for mandated updates and to maintain data security requirements and hardware needs.

Strategic Plan & Budget Guidance

Primary Strategic Plan Goal – Goal 2: Health & Environment

Focus Area: Healthy & Thriving Residents

- Improve City residents' overall health
- Increase self-sufficiency and meaningful quality of life for the City's most vulnerable adults

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Email encryption for 500 users will have an annual cost of $20,500 beginning in FY 2016; increased by inflation in FY 2017 and every year thereafter. The costs have been included in the FY 2016 operating budget.

Migration of Integrated Library System to SAAS Platform

Document Subsection: Other System Development Projects
Managing Department: Library
Supporting Department(s): Information Technology Services
ORG: TBD

Project Location: Citywide (Library Locations)
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies

Migration of Integrate 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	99,240	*0*	42,000	27,000	30,240	0	0	0	0	0	0	0	99,240
Financing Plan													
Cash Capital	99,240	*0*	42,000	27,000	30,240	0	0	0	0	0	0	0	99,240
Total Financing Plan	99,240	*0*	42,000	27,000	30,240	0	0	0	0	0	0	0	99,240
Additional Operating Impact													
Annual Impact			0	27,000	27,810	28,644	29,504	30,389	31,300	32,239	33,207	34,203	274,296
Cumulative Impact			0	27,000	54,810	83,454	112,958	143,347	174,647	206,886	240,093	274,296	274,296

Changes from Prior Year CIP: This is a new project added for FY 2016 - 2018.

Project Description & Justification

Alexandria Library is proposing a move from an onsite based Integrated Library Management System (ILS) to a SAAS-based (cloud-based) system. SAAS solutions are proving to be vital for the continued growth of companies and institutions that specialize in data resource management. The Library completed a year-long needs assessment reviewing areas where efficiency and effectiveness required improvement and the technological infrastructure of our day-to-day operations has been identified as a priority for improvement.

The Library is currently looking at costs for replacing the physical ILS and RPA servers. Library's "RPA" has become obsolete and incompatible with many 3rd party services and requires an immediate alternative authentication solution at a cost. Equipment replacement, maintenance, and upgrading costs can be absorbed through an annual SAAS agreement with our ILS provider, Sirsi Dynix. All ILS software and hardware services can be migrated to cloud services with the exception of various telephone notifications services and 3rd party bank payment systems. However, all services will continue data sourcing and retrieval through SAAS setup and configuration in order to perform their daily functions with the addition of 1) increased and enhanced library data security, storage, and backup; 2) centralized and immediate technical support, system upgrades, repairs, replacements and maintenance; 3) provision of secure 24/7 system access and monitoring from any computer/device with web/internet access to library staff; 4) improved library staff's ability to work remotely and creation of more opportunities for enhancing community outreach services; and 5) improved compatibility with library 3rd party vendor services' APIs and elimination of the need for multiple service access points by providing simplified access across 3rd party platforms and formats from "within" the library's SAAS-based website domain and online catalog. This enhances system performance and customer satisfaction as the library moves to extend services through outreach initiatives and offsite community engagement programs.

Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area: Healthy & Thriving Residents

- Ensure the educational and developmental attainment of all residents
- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- Identified as part of the Library Community Needs Assessment and the Alexandria Library Board

Additional Operating Budget Impact

Annual maintenance costs will be in addition to what the Library already pays for our ILS system and will vary from $27,000-$30,000. The Library believes this is a reasonable cost to improve customer service and make our digital services more accessible and improve efficiency with our workflow.

Library Public Access Computers and Print Management System

Document Subsection: Other System Development Projects
Managing Department: Library
Supporting Department(s): Information Technology Services
ORG: TBD

Project Location: Citywide (Library Locations)
Reporting Area: N/A
Project Category: IT Plan
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	100,000	*0*	0	100,000	0	0	0	0	0	0	0	0	100,000
Financing Plan													
Cash Capital	100,000	*0*	0	100,000	0	0	0	0	0	0	0	0	100,000
Total Financing Plan	100,000	*0*	0	100,000	0	0	0	0	0	0	0	0	100,000
Additional Operating Impact													
Annual Impact			0	0	12,797	13,181	13,576	13,984	14,403	14,835	15,280	15,739	113,795
Cumulative Impact			0	0	12,797	25,978	39,554	53,538	67,941	82,776	98,057	113,795	113,795

Changes from Prior Year CIP: This is a new project added for FY 2017.

Project Description & Justification

Alexandria's libraries maintain an automated system (Pharos) for reserving computers, managing waiting lists for computers, and monitoring time limits for computer sessions and managing customer printing. Unfortunately, Pharos is an outdated system that is slated to become obsolete in mid-2015, with end-of-life equipment that will no longer interface with our Integrated Library System. Furthermore, the system no longer meets the needs of our patrons. For instance, printing requires the purchase of copy cards, which must be purchased with cash. Moreover, there is no capability for wireless printing or scanning through this system. Implementing a new computer and print management system will ultimately meet users' technology needs, while increasing overall customer satisfaction. A new system that accepts credit card payments is crucial to the Library's revenue expectations for FY 2017 and will fully shift PCI compliance responsibility to the vendor. There is also greater earning potential by offering new services such as wireless printing and scanning.

In 2014, the Library completed an extensive community needs assessment study. After surveying almost 4,000 residents, conducting focus groups and speaking with community leaders, the research indicates that residents value the Library for providing access to technology, including public access computers, free wireless access and business services (printers, copiers, etc.). In addition, residents and community leaders indicated the need for additional and enhanced technology access, such as wireless printing and scanning capabilities. Stakeholders recognize that the Library is often used as a resource for small business owners, students, job seekers and others, who require access to enhanced technologies. Unfortunately, our current public technology systems are not meeting these needs. The system we propose to implement has been successfully adopted by neighboring public library systems, including Fairfax and Arlington County Libraries.

Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area: Healthy & Thriving Residents

- Ensure the educational and developmental attainment of all residents
- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- Identified as part of the Library Community Needs Assessment and the Alexandria Library Board

Additional Operating Budget Impact

Annual maintenance costs will be $12,797 beginning in FY 2018. The Library believes this is a reasonable cost to improve customer service and enhance its offerings to the community. Furthermore, it is likely that the additional revenue generated by supplemental services (scanning, faxing, additional printing) will offset some or most of this cost.

Replacement of City Voting Equipment

Document Subsection: Other System Development Projects
Managing Department: Voter Registration and Elections
Supporting Department(s): Information Technology Services
ORG: TBD

Project Location: Citywide
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 15 years

Replacement of City Voting Equipment													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	895,000	*0*	0	0	0	0	895,000	0	0	0	0	0	895,000
Financing Plan													
Cash Capital	895,000	*0*	0	0	0	0	895,000	0	0	0	0	0	895,000
Total Financing Plan	895,000	*0*	0	0	0	0	895,000	0	0	0	0	0	895,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: New project added for FY 2020.

Project Description & Justification

The City's current voting system was purchased in FY 2004, with supplemental scanning equipment purchased in FY 2012. The system is beginning to show signs of age, and state law prohibits the purchase of additional "Direct Recording Equipment" (voting machines without a paper trail), so the City is not able to replace units that no longer work. For this reason, we anticipate the entire system will need to be replaced prior to the November 2020 Presidential Election to ensure the effective administration of this election.

Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 7 – Caring Community

Focus Area: Safe, Secure & Just Community

- Ensure all community members are treated justly and protected under the law

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

No additional impact to the operating budget is anticipated.

Project Management Software

Document Subsection: Other System Development Projects
Managing Department: Department of Project Implementation
Supporting Department(s): Information Technology Services
ORG: TBD

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 10 years

Project Management Software													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	185,000	*0*	185,000	0	0	0	0	0	0	0	0	0	185,000
Financing Plan													
Prior Year/Close-Out - City	185,000	*0*	185,000	0	0	0	0	0	0	0	0	0	185,000
Total Financing Plan	185,000	*0*	185,000	0	0	0	0	0	0	0	0	0	185,000
Additional Operating Impact													
Annual Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: This is a new project added for FY 2016.

Project Description & Justification

The project provides funding for project management (PM) software to track and manage capital projects, from design through construction. Funding will be utilized to either purchase licenses for the ITS PM solution, or to acquire software. The PM tool should be robust and allow for portfolio as well as project management, with views into resource availability (and constraints) against the City's work load; project due dates and slippages (in design and construction); financial management tracking of original contract and change order dollar amounts and grants; and standard reporting options with Gantt chart and bar chart data views.

City departments are currently using other tools (SharePoint, Excel, MS Project) to track and manage workload, however, no one tool does everything the City needs. Therefore, too much time is invested in managing data in different tools.

This tool will facilitate more informed decision-making, providing insight into resource constraints before they occur. Staff training on the tool will be required. Success means better insight into projects, resource requirements and capacity, measured through improvements to project outcomes and capacity planning. Improved communications of project status and progress to sponsor departments, senior management, community and City Council will be another benefit of this project.

Strategic Plan & Budget Guidance

Focus Area: Goal 5 - Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area: Livable, Green & Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure
- Improve the quality of residents' leisure time

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

TBD - annual operating impact will depend on whether the tool is subscription-based or purchased and hosted on premises. If the tool is subscription-based, it will have a higher annual operating impact than a tool for which the only annual fee is maintenance.

Enterprise Maintenance Management System

Document Subsection: Other System Development Projects
Managing Department: CMMS Steering Committee (multi-departmental committee)
Supporting Department(s): Multiple Departments
ORG: 55211943

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,439,000	*989,000*	100,000	130,000	100,000	40,000	40,000	40,000	0	0	0	0	450,000
Financing Plan													
Prior City Funding	989,000	*989,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	450,000	*0*	100,000	130,000	100,000	40,000	40,000	40,000	0	0	0	0	450,000
Total Financing Plan	1,439,000	*989,000*	100,000	130,000	100,000	40,000	40,000	40,000	0	0	0	0	450,000
Additional Operating Impact													
Annual Impact			0	20,000	20,600	21,218	21,855	22,510	23,185	23,881	24,597	25,335	203,182
Cumulative Impact			0	20,000	40,600	61,818	83,673	106,183	129,368	153,249	177,847	203,182	203,182

Changes from Prior Year CIP: No changes from prior year CIP.

Project Description & Justification

This project provides for the expansion of the City's maintenance management software to additional departments throughout the City. 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 add capacity for refined asset health information; enable central access to information, improved reporting, and scheduling of work; and provide full life cycle management of City owned assets. The maintenance management system integrates with the City's GIS system, serving as an asset inventory and location tracking system and also serves as the foundation of the City's current CRM software, Call.Click.Connect. As the City has an enterprise license for the use of this software, the only costs associated with additional departments' usage of the system is in implementation and configuration.

Funds in the amount of $100,000 in FY 2016 and additional funding in the out years will be utilized to expand the usage of the software to additional City departments and to provide application upgrades and new module implementations. These improvements will allow the City to eliminate the legacy work order software system, provide mobile access to the application by City employees in the field, and provide greater efficiencies in the tracking and oversight of labor, materials, equipment, scheduling, and contracting costs for asset maintenance.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area: Livable, Green and Prospering City
Goal 5 – Financial Sustainability

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Recurring annual software maintenance fees will increase by approximately $20,000 in FY 2017 as modules are licensed and added over the next several years; increased by inflation in FY 2018 and every year thereafter.

LAN/WAN Infrastructure

Document Subsection: Network Services
Managing Department: Information Technology Services
Supporting Department(s): N/A
ORG: 55211901

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	4,195,000	*2,295,000*	560,000	360,000	360,000	360,000	260,000	0	0	0	0	0	1,900,000
Financing Plan													
Prior City/Comcast Revenue	2,295,000	*2,295,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	820,000	*0*	0	100,000	100,000	360,000	260,000	0	0	0	0	0	820,000
Comcast Revenue	1,080,000	*0*	560,000	260,000	260,000	0	0	0	0	0	0	0	1,080,000
Total Financing Plan	4,195,000	*2,295,000*	560,000	360,000	360,000	360,000	260,000	0	0	0	0	0	1,900,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding of $1.3 million in last year's CIP from FY 2016 - 2020 increased to $1.9 million based on updated department needs to providing reliable LAN/WAN infrastructure.

Project Description & Justification

This project enables the City to deliver scalable data, voice and video communications on the City's Institutional Network (I-Net).

The I-Net is currently running over a Coarse Wave Division Multiplexing (CWDM) fiber optic network, which provides connection speeds of up to 1 gigabyte to the desktop. 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.

Funding is utilized to maintain a secure, viable and reliable I-Net architecture and to evolve to the next-generation network architecture/ protocols.

Funds in FY 2016 and FY 2017 will be used for the acquisition and/or replacement of network equipment and for network consulting services.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

LAN Development

Document Subsection: Network Services
Managing Department: Information Technology Services
Supporting Department(s): N/A
ORG: 55211897

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	509,000	*354,000*	65,000	15,000	25,000	25,000	25,000	0	0	0	0	0	155,000
Financing Plan													
Prior City/Comcast Revenue	354,000	*354,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	90,000	*0*	0	15,000	25,000	25,000	25,000	0	0	0	0	0	90,000
Comcast Revenue	65,000	*0*	65,000	0	0	0	0	0	0	0	0	0	65,000
Total Financing Plan	509,000	*354,000*	65,000	15,000	25,000	25,000	25,000	0	0	0	0	0	155,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: No changes to prior year CIP.

Project Description & Justification

This project maintains or upgrades the local area network (LAN) infrastructure in City government buildings including: data cabling, punch down blocks, 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 users a 1 gigabit per second data rate or higher, 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.

Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Enterprise Data Storage Infrastructure

Document Subsection: Network Services
Managing Department: Information Technology Services
Supporting Department(s): N/A
ORG: 55211886

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	3,166,000	*1,766,000*	200,000	400,000	400,000	200,000	200,000	0	0	0	0	0	1,400,000
Financing Plan													
Prior City/Comcast Revenue	1,766,000	*1,766,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	400,000	*0*	0	0	0	200,000	200,000	0	0	0	0	0	400,000
Comcast Revenue	1,000,000	*0*	200,000	400,000	400,000	0	0	0	0	0	0	0	1,000,000
Total Financing Plan	3,166,000	*1,766,000*	200,000	400,000	400,000	200,000	200,000	0	0	0	0	0	1,400,000
Additional Operating Impact													
Annual Impact			0	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
Cumulative Impact			0	25,000	50,000	75,000	100,000	125,000	150,000	175,000	200,000	225,000	225,000

Changes from Prior Year CIP: No changes from prior year CIP.

Project Description & Justification

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. Data storage requirements continue to increase which requires additional storage capacity and proper hardware/software to perform data backups. The SAN's that are deployed throughout the enterprise provide for better disk utilization and data management.

The current storage environment consists of 5 SAN's that vary in size. The SAN platform allows the ability to more quickly and easily identify storage performance problems. The Network Operations Center Relocation project will provide an opportunity to consolidate the 5 SAN's into a larger enterprise SAN for the City.

The project provides funding to perform SAN upgrades to include adding storage capacity while maintaining optimal performance. Data retention requirements are to be satisfied per the Virginia Law requirements. As data storage continues to grow, the City needs to purchase additional hardware to accommodate for storage of production and backups.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional operating impact of $25,000 is anticipated beginning FY 2017 for additional licensing and maintenance costs. Costs are a rough estimate, thus they are not increased for inflation.

Upgrade Work Station Operating Systems

Document Subsection: Network Services
Managing Department: Information Technology Services
Supporting Department(s): N/A
ORG: 55211900

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies

Upgrade Work Station Operating System													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	3,108,950	*2,183,950*	150,000	175,000	200,000	200,000	200,000	0	0	0	0	0	925,000
Financing Plan													
Prior City Funding	2,183,950	*2,183,950*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	925,000	*0*	150,000	175,000	200,000	200,000	200,000	0	0	0	0	0	925,000
Total Financing Plan	3,108,950	*2,183,950*	150,000	175,000	200,000	200,000	200,000	0	0	0	0	0	925,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			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

This project provides funds to upgrade the operating system on City computer workstations to an appropriate version, as well as additionally required workstation memory, larger capacity hard drives, or other related hardware components as necessary. This project also provides for the labor costs of installing the new operating systems and related software components.

Additionally, this funding is used to test the viability of newer operating systems, mobile devices (e.g. tablets) and desktop 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 and other compatibility issues.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Network Server Infrastructure

Document Subsection: Network Services
Managing Department: Information Technology Services
Supporting Department(s): N/A
ORG: 55211920

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	8,111,143	*6,561,143*	300,000	400,000	175,000	175,000	500,000	0	0	0	0	0	1,550,000
Financing Plan													
Prior City/Comcast Revenue	6,561,143	*6,561,143*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	1,110,000	*0*	0	260,000	175,000	175,000	500,000	0	0	0	0	0	1,110,000
Comcast Revenue	440,000	*0*	300,000	140,000	0	0	0	0	0	0	0	0	440,000
Total Financing Plan	8,111,143	*6,561,143*	300,000	400,000	175,000	175,000	500,000	0	0	0	0	0	1,550,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding of $1.75 million in last year's CIP from FY 2016 - 2020 reduced to $1.55 million based on updated department needs related maintaining the City's network infrastructure.

Project Description & Justification

This project provides for the phased replacement of the hardware and software required to operate the City's computer network server environment in a safe and reliable manner. These requirements include physical hardware, software upgrades for the network operating system, client access licenses, virtualization licenses, network operating system licenses, client access licenses, and the replacement of network printers that are out of warranty.

Funds programmed in FY 2016 and in FY 2017 will be used for software license upgrades, server hardware replacements, implementation services related to new software/hardware configuration, assessment of architecture prior to changes, and network printer replacements. Additional funding was also programmed in the out years, which reflects anticipated need for network infrastructure resources beyond FY 2020.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Information Technology Equipment Replacement

Document Subsection: Network Services
Managing Department: Information Technology Services
Supporting Department(s): N/A
ORG: 55212153

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies

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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	3,140,000	*1,000,000*	300,000	200,000	400,000	620,000	620,000	0	0	0	0	0	2,140,000
Financing Plan													
Prior City/Comcast Revenue	1,000,000	*1,000,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	1,840,000	*0*	0	200,000	400,000	620,000	620,000	0	0	0	0	0	1,840,000
Comcast Revenue	300,000	*0*	300,000	0	0	0	0	0	0	0	0	0	300,000
Total Financing Plan	3,140,000	*1,000,000*	300,000	200,000	400,000	620,000	620,000	0	0	0	0	0	2,140,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: An additional $100,000 was added in FY 2016 based on an updated assessment of IT equipment replacement requirements. No other changes to prior year CIP.

Project Description & Justification

Funds in the new equipment replacement program are used to procure new City computer workstations with an appropriate version of Windows and related hardware components as necessary to meet City standards set by Information Technology Services. This project also provides for the labor costs of deploying the new computers at offices throughout the City.

This project ensures that City staff has the IT workstation resources necessary to perform their core job functions, and that the City's physical IT equipment is replaced on an appropriate schedule to minimize downtime and requests for service.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Voice Over Internet Protocol (VoIP) Telephony

Document Subsection: Network Services
Managing Department: Information Technology Services
Supporting Department(s): N/A
ORG: 55211941

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	5,697,173	*4,647,173*	250,000	150,000	350,000	150,000	150,000	0	0	0	0	0	1,050,000
Financing Plan													
Prior City/Comcast Revenue	4,647,173	*4,647,173*	0	0	0	0	0	0	0	0	0	0	0
Comcast Revenue	250,000	*0*	250,000	0	0	0	0	0	0	0	0	0	250,000
Cash Capital	800,000	*0*	0	150,000	350,000	150,000	150,000	0	0	0	0	0	800,000
Total Financing Plan	5,697,173	*4,647,173*	250,000	150,000	350,000	150,000	150,000	0	0	0	0	0	1,050,000
Additional Operating Impact													
Annual Impact			30,000	30,900	31,827	32,782	33,765	34,778	35,822	36,896	38,003	39,143	343,916
Cumulative Impact			30,000	60,900	92,727	125,509	159,274	194,052	229,874	266,770	304,773	343,916	343,916

Changes from Prior Year CIP: Planned funding of $1.25 million in last year's CIP from FY 2016 - 2020 reduced to $1.05 million based on updated department needs related to VoIP.

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 telephone and telecommunications infrastructure, including software, servers, switches, and handsets.

The VoIP system's current hardware and software is over 5 years old. Since the VoIP system deployment has been completed, ITS has been refining departmental VoIP configurations including call centers, advanced call flows, and implementation of enhanced features to increase productivity as well as create efficient voice communication services across the enterprise. To maintain a viable and reliable VoIP infrastructure, routine hardware replacements and software upgrades need to be performed. To leverage the next generation capabilities, features, integration with City systems and other applications, the VoIP architecture will require software upgrades, new hardware, programming services, training, and licensing. This will allow the City to expand the current VoIP services.

The City is currently working with a consultant to assist in successfully planning for a solution architecture redesign and a communication solution deployment. The City anticipates upgrading the VoIP systems core equipment by the fourth quarter of 2015. Funds programmed in the out years will be used to perform an assessment on delivering unified communications. The assessment will provide ways to integrate call center details, social media sites, instant messaging, web chats, and customer relationship management (CRM) to provide more information to first line staff to improve customer service. The unified communications will also include reporting features which will allow staff to analyze metrics and make process improvements to improve customer satisfaction.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

The estimated increase in annual maintenance agreement costs is $30,000. The current maintenance agreement expires July 2015. These costs were added to the FY2016 operating budget, and are increased by inflation annually.

Network Security

Document Subsection: Network Services
Managing Department: Information Technology Services
Supporting Department(s): N/A
ORG: 55211959

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	2,810,000	*1,585,000*	325,000	225,000	225,000	225,000	225,000	0	0	0	0	0	1,225,000
Financing Plan													
Prior City/Comast Revenue	1,585,000	*1,585,000*	0	0	0	0	0	0	0	0	0	0	0
Comcast Revenue	1,225,000	*0*	325,000	225,000	225,000	225,000	225,000	0	0	0	0	0	1,225,000
Total Financing Plan	2,810,000	*1,585,000*	325,000	225,000	225,000	225,000	225,000	0	0	0	0	0	1,225,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding of $1.15 million in last year's CIP from FY 2016 - 2020 increased to $1.225 million based on updated department needs related securing the City's network.

Project Description & Justification

The purpose of this project is to fund the implementation of security technologies to protect the confidentiality, integrity and availability of the City's IT Infrastructure. The City's information security program's function is to proactively identify, assess and recommend solutions for the City's IT vulnerabilities. Evaluating the role of new security technologies and methodologies is a continual process that requires capital investment for hardware, software, and professional services.

Funds in FY 2016 and additional funds programmed in the out years of this plan will be used to secure necessary tools for protection of the City's network. In addition, funds will be used to acquire professional services necessary to oversee implementation. The components include a password management tool, replacement for the Network Access Control System, and relicensing of the Nessus Security Center.

This project is necessary to provide continuous improvement in the security of the City network and improves the confidentiality and integrity of the City data. Implementation of security technologies provides a reliable and secure information environment, which supports City operations and ensures the delivery of government services in an efficient and responsible manner.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Database Infrastructure

Document Subsection: Network Services
Managing Department: Information Technology Services
Supporting Department(s): Multiple Departments
ORG: 55211906

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	868,000	*628,000*	40,000	40,000	40,000	40,000	40,000	40,000	0	0	0	0	240,000
Financing Plan													
Prior City Funding	628,000	*628,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	240,000	*0*	40,000	40,000	40,000	40,000	40,000	40,000	0	0	0	0	240,000
Total Financing Plan	868,000	*628,000*	40,000	40,000	40,000	40,000	40,000	40,000	0	0	0	0	240,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2021. No other changes to prior year 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 and upgrade database technologies that support the City's core applications.

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 during emergencies when new, unplanned needs arise in the user community, or to evaluate the latest database technologies and tools.

This project has funded the City's early SharePoint development and provided money to evaluate and scope the future strategy for use of this database technology in the City. This project also provides for consulting services to properly maintain and enhance the City's data infrastructure.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Information Technology Enterprise Management System

Document Subsection: Network Services
Managing Department: Information Technology Services
Supporting Department(s): Multiple Departments
ORG: 55211919

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	800,000	*460,000*	50,000	150,000	20,000	20,000	100,000	0	0	0	0	0	340,000
Financing Plan													
Prior City/Comcast Revenue	460,000	*460,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	290,000	*0*	0	150,000	20,000	20,000	100,000	0	0	0	0	0	290,000
Comcast Revenue	50,000	*0*	50,000	0	0	0	0	0	0	0	0	0	50,000
Total Financing Plan	800,000	*460,000*	50,000	150,000	20,000	20,000	100,000	0	0	0	0	0	340,000
Additional Operating Impact													
Annual Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Changes from Prior Year CIP: No changes to prior year CIP.													

Project Description & Justification

This project provides funding to further enhance Microsoft System Center, a multi-module software that integrates and automates the management of citywide IT resources. In FY 2011, ITS deployed Configuration Manager (the asset management module) to streamline the desktop and server inventory as well as software distribution processes. In FY 2012, ITS deployed Service Manager (the help desk module) to replace a legacy system. Branded as AlexIT, the enterprise help desk application was successfully deployed in October 2011 and is actively used by IT staff in ITS, DCHS, and the Courts to manage technical requests.

Funds in FY 2016 will be used for system assessment, refinement, and remediation. Funds in FY 2017 will be used for implementation services for additional Microsoft System Center product suite configuration modules and related staff training. Funds programmed in subsequent years of this plan will be used for additional server hardware requirements and consulting services in order to complete implementation of the Enterprise Management System.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Software assurance for System Center Service Manager was renewed in FY 2014 and should be renewed every 3 years. System Center Configuration Manager licensing is included with the Microsoft Enterprise Agreement. Service Manager may be included in the next Microsoft Enterprise Agreement (Agreement End Date: June 30, 2016).

Connectivity Initiatives

Document Subsection: Network Services
Managing Department: Office of Management and Budget
Supporting Department(s): Information Technology Services
ORG: 55211911

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	5,400,000	*900,000*	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	4,500,000
Financing Plan													
Comcast Revenue	5,400,000	*900,000*	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	4,500,000
Total Financing Plan	5,400,000	*900,000*	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	4,500,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes to the prior year CIP.

Project Description & Justification

This project reflects annual funding to Comcast for monthly support of the City and ACPS institutional network. All remaining Comcast revenues have been programmed as funding for other eligible projects within the IT-Plan.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget it not anticipated.

Enterprise Collaboration (including AlexStat Hardware & Software)

Document Subsection: Network Services
Managing Department: Information Technology Services
Supporting Department(s): Multiple Departments
ORG: 55212357

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 5-10 years

Enterprise Collaboration (Including AlexStat Hardware & Software)													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	690,000	*490,000*	40,000	40,000	40,000	40,000	40,000	0	0	0	0	0	200,000
Financing Plan													
Prior City Funding	490,000	*490,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	200,000	*0*	40,000	40,000	40,000	40,000	40,000	0	0	0	0	0	200,000
Total Financing Plan	690,000	*490,000*	40,000	40,000	40,000	40,000	40,000	0	0	0	0	0	200,000
Additional Operating Impact													
Annual Impact			0	50,000	51,500	53,045	54,636	56,275	57,964	59,703	61,494	63,339	507,955
Cumulative Impact			0	50,000	101,500	154,545	209,181	265,457	323,420	383,123	444,617	507,955	507,955
Changes from Prior Year CIP: No changes from prior year CIP.													

Project Description & Justification

This project funds the implementation of a comprehensive City-wide collaboration tool. ITS has engaged a contractor to develop a roadmap implementation strategy for an enterprise-wide collaboration platform leveraging our existing SharePoint online licensing. The funding requested supports this strategic initiative with professional services, licensing of additional SharePoint features, training, and additional infrastructure hardware.

Through facilitated stakeholder department discussions, the City has been able to identify business needs and collaboration goals, priorities, and opportunities. These discussions have led to the creation of a roadmap which defines the resources necessary to develop and implement solutions to meet these needs. Components include augmenting the current ITS SharePoint team with expert consulting resources, increasing licensing for power users and departmental administrators, and building out a hybrid online and on-premises SharePoint environment.

A significant portion of this project's funding is programmed to support the Office of Performance and Accountability (OPA) technology needs with AlexStat. The support for AlexStat is critical to implementation of the Budget Guidance and will contribute to the upcoming Open Data initiates.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area: Livable, Green and Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

As the City's SharePoint system expands across the City's enterprise, there is anticipated to be an additional operating impact of $50,000 for hardware and software maintenance contracts and licensing requirements in FY 2017 (based on FY 2015 approved projects); increased by inflation beginning in FY 2018 and each year thereafter.

Municipal Fiber

Document Subsection: Network Services
Managing Department: Information Technology
Supporting Department(s): N/A
ORG: 55211912

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies

Municipal Fiber													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	210,000	*210,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	210,000	*210,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	210,000	*210,000*	0	0	0	0	0	0	0	0	0	0	0
Additional Operating Impact													
Annual Impact			0	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
Cumulative Impact			0	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown

Changes from Prior Year CIP: No changes from prior year CIP.

Project Description & Justification

The City's Institutional Network (I-Net) connects over 90 City government and Alexandria school (ACPS) facilities. The I-Net relies on a private (dark fiber) fiber optic network provided to the City by Comcast under a franchise agreement. The current I-Net is designed using redundant ring topology. The ability for the City to segregate traffic and improve network performance is limited due to fixed fiber availability. Additionally, the performance degradation caused when too many sites are added on the network rings requires the City to maintain downstream sites that do not have network redundancy.

The City's Municipal Fiber project must be part of a larger plan for Municipal Broadband. Prior year funding in the amount of $210,000 was utilized to work on a business plan study of a City-owned fiber network and conduct an initial feasibility assessment and design study to install City-owned fiber and wireless broadband networks that are independent of the current institutional Network infrastructure.

Estimated costs of completing the I-Net portion of a municipal broadband strategy could be in excess of $10 million. Some of these costs would likely be offset by the elimination of Comcast fees, and the potential sales of fiber capacity.

The financial feasibility and structure of a City-owned municipal fiber network remains under study.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area: Livable, Green and Prospering City

- Ensure Alexandria supports, retains, and attracts businesses

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is unknown at this time.

Remote Access

Document Subsection: Network Services
Managing Department: Information Technology Services
Supporting Department(s): N/A
ORG: 55211910

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	1,143,000	*293,000*	0	250,000	150,000	150,000	150,000	75,000	75,000	0	0	0	850,000
Financing Plan													
Prior City Funding	293,000	*293,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	850,000	*0*	0	250,000	150,000	150,000	150,000	75,000	75,000	0	0	0	850,000
Total Financing Plan	1,143,000	*293,000*	0	250,000	150,000	150,000	150,000	75,000	75,000	0	0	0	850,000
Additional Operating Impact													
Annual Impact			0	0	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448	133,385
Cumulative Impact			0	0	15,000	30,450	46,364	62,754	79,637	97,026	114,937	133,385	133,385

Changes from Prior Year CIP: Planned funding in FY 2016 moved back one year based on departmental project priorities. No change to total amount of funding from last year's CIP.

Project Description & Justification

This project is required for employee teleworking initiatives within the City. Funding is provided to perform the necessary infrastructure upgrades to allow secure remote access to employees who telework and employees who work at remote locations.

The current Citrix platform will be at its end-of-life of mainstream support on July 14, 2015, at which time it will be upgraded. Citrix and virtual private tunneling applications provide staff secure access to perform work from a location that has Internet access.

Funds in FY 2017 and those programmed in subsequent years of this plan will be used to procure new licensing, assess application compatibility, and procure related hardware devices.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional $15,000 is added beginning FY 2018 to account for increased security costs associated with employee teleworking initiatives. Costs are increased by inflation in FY 2019 and each year thereafter.

Data Center Relocation

Document Subsection: Network Services
Managing Department: Information Technology Services
Supporting Department(s): General Services
ORG: 55212361, 45342362

Project Location: 2003 Mill Rd.
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies

Data Center Relocation													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	6,500,000	*6,500,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	6,500,000	*6,500,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	6,500,000	*6,500,000*	0	0	0	0	0	0	0	0	0	0	0
Additonal Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			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 City's core Data Center, or Network Operations Center (NOC), currently located in Old Town, must be relocated to a suitable facility to support long term growth, take advantage of technological advances in data center management and to provide greater confidence in the reliability of network operations. City staff has been actively working with various vendors to mitigate immediate concerns, but a better long-term option is needed that will implement improvements to streamline and standardize the City's approach to data center management. Continuing to operate the City's NOC at its current location indefinitely presents various operational risks, with the potential for failure of the City's core IT systems, which will prevent the City from conducting necessary business for its residents and visitors. The lease where the NOC is currently located expires in fall 2015, but could be extended.

Limitations and challenges within the current NOC include the requirement to consistently apply break/fix measures to the HVAC units to ensure appropriate temperatures are maintained. Failures in this area have resulted in equipment downtime and costly repairs. Currently, there is an inability to improve cool airflow due to height restrictions within the room and the clearances required by the existing fire suppression system. Electrical and space limitations prevent the installation of a centralized backup battery system that will provide sufficient run-time in the case of power outages and automatically shut-down equipment in the event of a generator failure.

This CIP project provided funds for the design of a new NOC to meet industry standards and best practices, and accommodate future growth. Prior year funds in the amount of $6.5 million have been included for all services and equipment needed for building construction technology design, and relocation of current equipment to the new NOC, along with purchases needed to facilitate the move. $3.2 million of the funding planned for this project will be managed by General Services for design and construction of the new NOC.

The initial planning for the new facility related to floor plan, power, cooling, cabling, capacity management, fire protection, and security is currently in process and expected to be completed by the end of the third quarter of FY 2015 with construction scheduled to begin FY 2016.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated. Any increased costs will likely be offset from savings from moving the NOC from its current leased space.

Information Technology Lump Sum Funding

Document Subsection: Network Services
Managing Department: Multiple
Supporting Department(s) Multiple
ORG: N/A

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated 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 FY 2015*	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY 2016-2025
Expenditure Budget	19,800,000	*0*	0	0	0	0	250,000	3,550,000	4,000,000	4,000,000	4,000,000	4,000,000	19,800,000
Financing Plan													
Cash Capital	19,800,000	*0*	0	0	0	0	250,000	3,550,000	4,000,000	4,000,000	4,000,000	4,000,000	19,800,000
Total Financing Plan	19,800,000	*0*	0	0	0	0	250,000	3,550,000	4,000,000	4,000,000	4,000,000	4,000,000	19,800,000
Additional Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Funding added for FY 2025. No other changes from prior year CIP.

Project Description & Justification

This project reserves IT project future funding in FY 2021 – FY 2025 in the approved FY 2016 CIP. This funding will be applied to specific projects at a later time.

City's Strategic Plan & Budget Guidance

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Unknown at this time. Additional operating impacts will be identified as specific projects are identified.

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LEGISLATIVE REFERENCES

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Debt Related Financial Policies

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 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.

These updated polices are as follows:

Debt as a Percentage of Fair Market Real Property Value
Target = 1.1 percent; Limit = 1.6 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.

Debt as a Percentage of Total Personal Income
Target = 3.2 percent; Limit = 4.5 percent

This percentage is a measure of the capacity of citizens to finance tax-supported debt. A lower percentage means that taxes required to repay debt represent a smaller portion of the average citizen's income.

Debt Service as a Percentage of General Government Expenditures
Target = 8.0 percent; Limit = 10.0 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.

Unassigned/Uncommitted General Fund Balance as a Percentage of General Fund Revenue
Target = Not applicable; Limit = 10 .0 percent

Unassigned General Fund Balance as a Percentage of General Fund Revenue
Target = 5.5 percent; Limit = 4.0 percent

Net Assets as a Percentage of General Revenues
Target = 5.5 percent; Limit = 4.0 percent

These ratios indicate the ability of the City to cope with unexpected financial problems or emergencies. The Unassigned/Uncommitted General Fund Balance represents the funds legally available to the City. It is desirable that the City maintain Unassigned/Uncommitted General Fund Balance that is comparable to the ratio maintained by other double-triple A rated

jurisdictions, but not to fall below the limit of 10 percent. The Unassigned General Fund Balance corresponds to the checkbook balance of the City. Both balances are important to consider. The unassigned/uncommitted balance includes commitments that the City Council has made and assignments City management has made but presumably could change. Net assets correspond to stockholders' equity for publicly traded companies. The larger the Unassigned General Fund Balance or spendable net assets, the greater the City's ability to cope with financial emergencies and fluctuations in revenue cycles.
The ratios for Unassigned General Fund Balance and spendable net assets are 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 an assignment within the General Fund fund balance for pay as you go capital.

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 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 six-year capital improvement program. [1] 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 Approved 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. City Council set minimum and target amounts for the annual General Fund Cash Capital Transfer. Providing a minimum and a target ensures that cash capital will be maintained at an acceptable level, but at

[1] While the City Charter indicates the City will prepare and adopt a six-year capital improvement program, City Council has directed staff to prepare a ten-year capital improvement program for its approval. Subsequent language in this section will reflect a ten-year plan.

same the time flexibility in setting budget priorities between the annual General Fund Operating Budget and annual cash capital transfer from the General Fund to the CIP will remain.

Recurring General Fund Cash Capital Transfer as a Percentage of General Fund Expenditures
Minimum = 2.0 percent; Target = 2.5 percent

This cash capital policy will provide 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 will tie 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.

In accordance with the Government Finance Officers Association (GFOA) budget review requirements, this table, taken from the City's FY 2014 Comprehensive Annual Financial Report is repeated here:

City of Alexandria, Virginia
Computation of Legal Debt Margin
As of June 30, 2014

Assessed Value of Real property, January 1, 2014……		$35,335,182,000
Debt Limit: 10 Percent of Assessed Value…….……		$3,533,518,200
Amount of Debt Applicable to Debt Limit:		
General Obligation Bonds	$539,780,000	
Total General Obligation Debt……		($539,780,000)
LEGAL DEBT MARGIN……		$2,993,738,200

Source: City of Alexandria Comprehensive Annual Financial Report, Fiscal Year Ended June 30, 2014, pg. 86.

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.

LEGAL BASIS

The FY 2016 - FY 2025 Capital Improvement Program has been prepared pursuant to Section 6.14 of the Alexandria City Code, as amended, which states the City Manager:

"...shall submit to the Council a budget of the approved capital improvement projects for the ensuing fiscal year and for the five fiscal years thereafter, with his recommendations as to the means of financing the improvements approved for the ensuing fiscal year. The Council shall have power to accept with or without amendments or reject the approved program and approved means of financing

the ensuing fiscal year but, except in the case of emergency as provided in subsection (d) of Section 2.02 of this Charter, the Council shall not authorize any capital improvement project or make any appropriation therefore unless such project is included in the capital budget as adopted by it." [2]

[2] While the Alexandria City Code indicates the preparation of a six-year capital improvement program, at the direction of City Council, a ten-year capital improvement program is prepared for City Council approval.

APPENDICES

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Appendix A: Projects Removed from the CIP

Prior Year Projects Deleted in the FY 2016 - 2025 Capital Improvement Program

A number of projects that were listed in the prior year Capital Improvement Program (CIP) no longer appear in the FY 2016 – 2025 CIP. In some cases this is due to the completion of a project; in others a project may no longer be part of the City's plan for future capital investments. This CIP also contains instances where projects have been combined to create a single, all-inclusive project.

Community Development

- Self-Contained Breathing Apparatus (SCBA) Replacement – The City projected the need to replace 297 SCBA units in the City covering the Fire Department (including volunteers), Police Department, and Sheriff's Office. All units are expected to be operational by the end of FY 2015.

Recreation & Parks

- Boothe Park Playground Renovation – This project provided funding for the renovation of the playgrounds, resurfacing of the ball courts, picnic shelter refurbishments, trail improvements, site furnishings and other site improvements. The project will be completed by the end of FY 2015.

- E. Del Ray Avenue Pocket Park – This project completed the accessible hardscape and plaza features of the approved pocket park plan. The project was funded with $21,500 in private capital contributions and $27,400 in City funds.

- City Marina Restrooms – The new restrooms in the City Marina area are being completed in conjunction with the new Blackwall Hitch Restaurant. Project is anticipated to be completed by the end of FY 2015.

- City Marina Seawalls – City staff reviewed the condition of the City Marina seawalls and determined a full replacement of the seawalls was no longer required. Spot improvements will be made in FY 2016 and FY 2017, with funding budgeted in the City Marina maintenance project.

Public Buildings

- Fire Station 210 / Impound Lot – This project provided funding for a new three story fire station (Fire Station 210) at 5255 Eisenhower Avenue of approximately 39,430 gross square feet (GSF) and two new impound lots. All work is anticipated to be completed by the end of FY 2015.

- Fleet Facility Lift Replacement – This project has been completed, with twelve lifts being replaced at the Fleet Facility. Significant cost savings were achieved by purchasing mobile lifts instead of installing permanent lifts.

Transit & Transportation

- DASH Expansion – Reprioritization of available transportation funding due to increases in the City subsidy for WMATA capital and operating resulted in the elimination of this project in the FY 2016 – 2025 CIP.

- Mt. Vernon Avenue @ Russell Road – Reprioritization of available transportation funding due to increases in the City subsidy for WMATA capital and operating resulted in the elimination of this project in the FY 2016 – 2025 CIP.

- Braddock Road Metro Multi-Modal Connections – Project eliminated from CIP due to reprioritization of CMAQ/RSTP funding for other transportation related projects.

Sanitary Sewers

- King & West Diversion Chamber – This project included the replacement of an existing combined sewer diversion structure. This new CSO structure will require less maintenance, operate more efficiently, and be in compliance with the current VPDES permit for the combined sewer system that was issued in August 2013. All work will be completed by the end of FY 2015.

Stormwater Management

- Taylor Run @ Janney's Lane – This project consisted of reconstructing a culvert head wall, stream restoration and realignment of a sanitary sewer to eliminate a siphon at the culvert located at Taylor Run Parkway at Janney's Lane. All work will be completed by the end of FY 2015.

- Finance Payment Kiosks – Project is no longer required, as the City considers a public technology shift to mobile devices and smartphones.

- Fort Ward INET – This project provided funds to connect the Fort Ward Museum to the City's I-Net. All work is expected to be completed by the end of FY 2015.

- Handheld Collection Devices – The need for this project was eliminated when the integration of handheld devices halted due to required changes in real estate assessment system (CAMA) database architecture for compatibility, thus eliminating the need for this project.

- Radio Network Upgrade – This project funded upgrading the multiplex cards in the City's radio system. The current multiplex cards were at the end of their life cycle due to the age of the equipment. Upgrading this equipment provided greater reliability and longevity to the public safety radio system. All work is anticipated to be completed by the end of FY 2015.

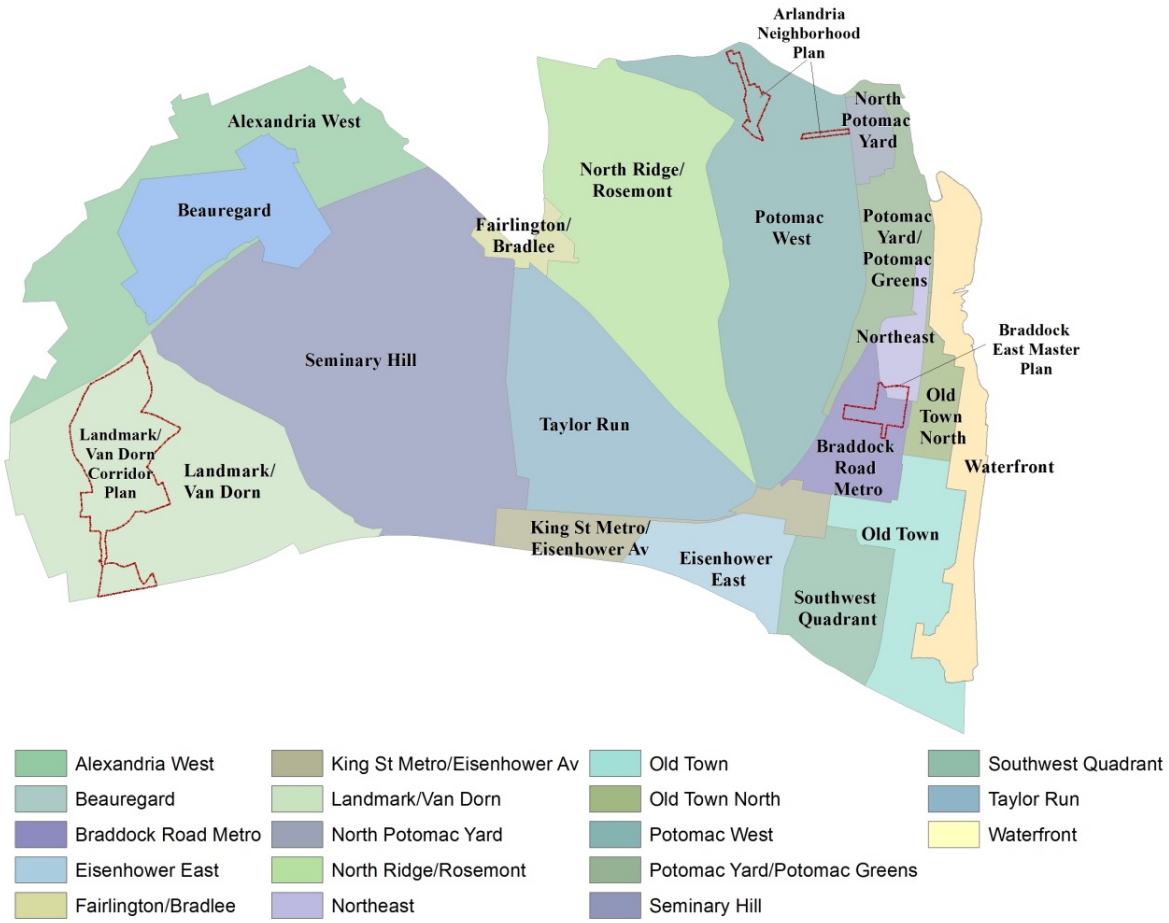
- Remote Radio Technology – This project provided for the enhancement of the Sheriff's Office Radio communication and smart phone devices. All work is anticipated to be completed by the end of FY 2015.

- Recreation Database System – No additional funding is provided for the Recreation Database System in the FY 2016 – 2025 CIP and remaining balances are expected to be expended in FY 2015.

Appendix B: Project Reporting Areas

Capital projects which 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)



CIP Projects by Reporting Area

Reporting Area	Project	CIP Section
Alexandria West	Health Department Garage Concrete Deck and Parking Restoration	Public Buildings
Alexandria West	Health Department Minor Interior Renovations	Public Buildings
Alexandria West	King and Beauregard Intersection	Transportation - Streets & Bridges
Alexandria West	Patrick Henry Recreation Center	Recreation & Parks
Alexandria West, Beauregard Small Area Plan	Holmes Run Greenway	Transportation - Non-Motorized Transportation
Arlandria Neigborhoods Plan, Potomac West	Four Mile Run Stream Restoration	Community Development
Beauregard Small Area Plan	Fire Station 206	Public Buildings
Beauregard Small Area Plan / Seminary West	Seminary Road at Beauregard Street Ellipse	Transportation - Streets & Bridges
Braddock Metro Area	Braddock Area Plan Park	Recreation & Parks
Braddock Metro Area	Braddock Road Area Plan – Streetscape Improvements	Community Development
Eisenhower East	Animal Shelter Dog Kennels	Public Buildings
Eisenhower East	Vola Lawson Animal Shelter Capital Facilities Maintenance Program	Public Buildings
Eisenhower East	Old Cameron Run Trail	Transportation - Non-Motorized Transportation
Eisenhower East	South Eisenhower Metrorail Station – South Entrance	Transportation - Public Transit
Eisenhower East	Eisenhower Avenue Widening	Transportation - Streets & Bridges
Eisenhower East	Data Center Relocation	IT Plan
Eisenhower East	Emergency Operations Center/Public Safety Center Reuse	Public Buildings
Fairlington/Bradlee	King Street / Quaker Lane / Braddock Road Intersection	Transportation - Streets & Bridges
King St Metro/Eisenhower Ave.	Fleet Facility Air Handling Units (AHUs)	Public Buildings
King Street Metro/Eisenhower Ave.	King Street Metrorail Station Area Improvements	Transportation - Public Transit
Landmark/Van Dorn	Beatley Building Envelope Restoration	Public Buildings
Landmark/Van Dorn	Edsall and South Pickett Street Pedestrian Improvements	Transportation - Non-Motorized Transportation
Landmark/Van Dorn	BRAC Neighborhood Protection Plan	Transportation - Non-Motorized Transportation
Landmark/Van Dorn	Backlick Run Multi-Use Paths	Transportation - Non-Motorized Transportation
Landmark/Van Dorn	High Street Construction	Transportation - Streets & Bridges
Landmark/Van Dorn	Van Dorn Multimodal Bridge	Transportation - Streets & Bridges
Landmark/Van Dorn	Duke Street Reconstruction	Transportation - Streets & Bridges
Landmark/Van Dorn	Landmark Transit Station	Transportation - Public Transit
Landmark/Van Dorn	Pistol Range	Public Buildings
Landmark/Van Dorn	Restaurant Depot Contribution Projects	Recreation & Parks
Landmark/Van Dorn	Cameron Station Pond Retrofit	Stormwater Management
Landmark/Van Dorn	Van Dorn Metrorail Station Area Improvements	Transportation - Public Transit
Landmark/Van Dorn, Beauregard	Transit Corridor "C" Transit Priority	Transportation - High Capacity Transit Corridors
Landmark/Van Dorn, Beauregard	Transit Corridor "C" - Beauregard	Transportation - High Capacity Transit Corridors
Landmark/Van Dorn, Beauregard	Transit Corridor "B" – Duke Street	Transportation - High Capacity Transit Corridors
Landmark/Van Dorn, Beauregard	Van Dorn/Beauregard Bicycle Facilities	Transportation - Non-Motorized Transportation
Landmark/Van Dorn, Seminary Hill/Strawberry Hill, Taylor Run, Eisenhower Ave, Eisenhower East	Holmes Run Trunk Sewer	Sanitary Sewers
North Ridge/Rosemont	Fire Station 203 (Cameron Mills)	Public Buildings
North Ridge/Rosemont	Maury Schoolyard Initiative	City Council Contingency
Old Town	Gadsby's Tavern Restaurant Kitchen Equipment	Public Buildings
Old Town	Torpedo Factory Repairs	Public Buildings
Old Town	Fire Station 205 (Cameron Street)	Public Buildings
Old Town	Courthouse Renovations – HVAC Replacement and Capital Facilities Mainte	Public Buildings
Old Town	Market Square Plaza and Garage Structural Repairs	Public Buildings
Old Town	Old Town Parking Garage Ticketing Modernization	Public Buildings
Old Town	Gadsby's Tavern Elevator Design & Construction	Public Buildings
Old Town	Courthouse-General District Court Clerk's Office Payment Center	Public Buildings
Old Town	Combined Sewer System (CSS) Permit Compliance	Sanitary Sewers
Old Town	Cameron & Prince Bicycle Facilities	Transportation - Non-Motorized Transportation
Old Town	City Hall HVAC and Infrastructure Replacement	Public Buildings
Old Town	City Hall Security Enhancements	Public Buildings
Old Town	Torpedo Factory Space Programming Study	Public Buildings
Old Town North	Mount Vernon Trail at East Abingdon Road	Transportation - Non-Motorized Transportation
Old Town North	Madison and Montgomery Reconstruction	Transportation - Streets & Bridges
Old Town, King Street Retail Strategy	Gadsby Lighting Fixtures and Poles Replacement	Community Development
Old Town, King Street Retail Strategy	King Street Plan Implementation	Community Development
Old Town, Old Town North	Combined Sewer Overflow 001 Planning	Sanitary Sewers
Old Town, Old Town North, Braddock Road Metro	Combined Sewer Separation Projects	Sanitary Sewers
Old Town, Old Town North, Braddock Road Metro	Sewer Assessment and Rehabilitation	Sanitary Sewers
Old Town, Old Town North, Braddock Road Metro	Green Infrastructure in Combined Sewer Overflow (CSO) Areas	Stormwater Management
Old Town, Southwest Quadrant	Wilkes Street Bikeway	Transportation - Non-Motorized Transportation
Potomac West	Warwick Pool Renovations	Recreation & Parks
Potomac West	Four Mile Run Sanitary Sewer Repair	Sanitary Sewers
Potomac West	Four Mile Run Channel Maintenance	Stormwater Management

CIP Projects by Reporting Area

Reporting Area	Project	CIP Section
Potomac West	Route 1 at East Reed Avenue	Transportation - Streets & Bridges
Potomac West, Southwest Quadrant	Park Maintenance Facilities	Recreation & Parks
Potomac Yard	East Glebe & Route 1	Transportation - Streets & Bridges
Potomac Yard/Potomac Greens	Route 1 Metroway - NEPP	Transportation - High Capacity Transit Corridors
Potomac Yard/Potomac Greens	Route 1 Transitway	Transportation - High Capacity Transit Corridors
Potomac Yard/Potomac Greens	Transit Corridor "A" – Crystal City / Potomac Yard Streetcars	Transportation - High Capacity Transit Corridors
Potomac Yard/Potomac Greens, North Potomac Yard	Potomac Yard Metrorail Station	Transportation - Public Transit
Regional	Northern Virginia Community College (NVCC)	Other Regional Contributions
Regional	Northern Virginia Regional Park Authority (NVRPA)	Other Regional Contributions
Regional	Peumansend Creek Regional Jail	Other Regional Contributions
Regional	WMATA Capital Contributions	Transportation - Public Transit
Rosemont and Old Town	Access to Transit	Transportation - Non-Motorized Transportation
Seminary Hill/Strawberry Hill	Fire Station 211	Public Buildings
Seminary Hill/Strawberry Hill	Burke Basement Renovation	Public Buildings
Seminary Hill/Strawberry Hill	Athletic Field Restroom Renovations	Recreation & Parks
Seminary Hill/Strawberry Hill	Fort Ward Management Plan Implementation	Recreation & Parks
Seminary Hill/Strawberry Hill	Ft. Ward Stormwater	Stormwater Management
Seminary Hill/Strawberry Hill	Lake Cook Stormwater Management	Stormwater Management
Southwest Quadrant	Archives Public Records and Archaeology Storage Space	Public Buildings
Southwest Quadrant	Wet Weather Management Facility	Sanitary Sewers
Southwest Quadrant	AlexRenew Wastewater Treatment Plant Capacity	Sanitary Sewers
Southwest Quadrant	Police K-9 Facility Renovation	Public Buildings
Taylor Run	Fire Station 207 (Duke Street)	Public Buildings
Taylor Run	Chinquapin Aquatics Center	Recreation & Parks
Waterfront	Windmill Hill Park Improvements	Recreation & Parks
Waterfront	City Marina Maintenance	Recreation & Parks
Waterfront	City Marina Utility Upgrades	Recreation & Parks
Waterfront	Oronoco Outfall	Community Development
Waterfront	City Marina Waterfront Dredging	Community Development
Waterfront	Waterfront Parks CFMP	Recreation & Parks
Waterfront Plan, Old Town North, Old Town	Waterfront Small Area Plan Implementation	Community Development
Citywide	Public Art Acquisition	Community Development
Citywide	Public Art Conservation Program	Community Development
Citywide	Transportation Signage and Wayfinding System	Community Development
Citywide	Environmental Restoration	Community Development
Citywide	Fire Department Vehicles & Apparatus	Community Development
Citywide	Citywide Street Lighting	Community Development
Citywide	General Services Capital Facilities Maintenance Program (CFMP)	Public Buildings
Citywide	Energy Management Program	Public Buildings
Citywide	Emergency Generators	Public Buildings
Citywide	Building Physical Conditions Assessment	Public Buildings
Citywide	Roof Replacement Program	Public Buildings
Citywide	Elevator Replacement/Refurbishment	Public Buildings
Citywide	Library Capital Facilities Maintenance Program (CFMP)	Public Buildings
Citywide	City Historic Facilities Capital Facilities Maintenance Program (CFMP)	Public Buildings
Citywide	Mental Health Residential Facilities Capital Facilities Maintenance Program	Public Buildings
Citywide	Fire Department Capital Facilities Maintenance Program (CFMP)	Public Buildings
Citywide	Office of the Sheriff Capital Facilities Maintenance Program (CFMP)	Public Buildings
Citywide	Adult Detention Center HVAC Replacement	Public Buildings
Citywide	Citywide Storage Capacity Assessment	Public Buildings
Citywide	Americans with Disabilities (ADA) Requirements	Recreation & Parks
Citywide	Ball Court Renovations	Recreation & Parks
Citywide	Park Renovations Capital Facilities Maintenance Program (CFMP)	Recreation & Parks
Citywide	Playground Renovations Capital Facilities Maintenance Program (CFMP)	Recreation & Parks
Citywide	Tree and Shrub Capital Maintenance	Recreation & Parks
Citywide	Soft Surface Trails	Recreation & Parks
Citywide	Water Management and Irrigation	Recreation & Parks
Citywide	Pavement Improvements in Parks	Recreation & Parks
Citywide	Athletic Field Improvements Including Synthetic Turf	Recreation & Parks
Citywide	Public Pools	Recreation & Parks
Citywide	Recreation Centers Capital Facilities Maintenance Program (CFMP)	Recreation & Parks
Citywide	Open Space Acquisition and Development	Recreation & Parks
Citywide	Citywide Parks Improvement Plan	Recreation & Parks
Citywide	Recreation Facilities Security Review	Recreation & Parks

CIP Projects by Reporting Area

Reporting Area	Project	CIP Section
Citywide	Renovation and Proactive Capital Management of Urban Forest	Recreation & Parks
Citywide	Reconstruction and Extension of Sanitary Sewers	Sanitary Sewers
Citywide	Citywide Sewershed Infiltration and Inflow	Sanitary Sewers
Citywide	NPDES / Municipal Separate Storm Sewer System (MS4) Permit Program	Stormwater Management
Citywide	Storm Sewer Capacity Assessment	Stormwater Management
Citywide	Stream and Channel Maintenance	Stormwater Management
Citywide	MS4 / Total Maximum Daily Load (TMDL) Compliance Water Quality Improv	Stormwater Management
Citywide	Storm Sewer System Spot Improvements	Stormwater Management
Citywide	City Facilities Stormwater Best Management Practices (BMPs)	Stormwater Management
Citywide	Stormwater Utility Study	Stormwater Management
Citywide	Fixed Transportation Equipment	Transportation - Fixed Transportation Equipment
Citywide	Intelligent Transportation Systems (ITS) Integration	Transportation - Fixed Transportation Equipment
Citywide	Citywide Transportation Management System (SCOOT/TDi)	Transportation - Fixed Transportation Equipment
Citywide	Transportation Technologies	Transportation - Fixed Transportation Equipment
Citywide	Parking Technologies	Transportation - Fixed Transportation Equipment
Citywide	Traffic Control Upgrade	Transportation - Fixed Transportation Equipment
Citywide	Safe Routes to Schools	Transportation - Non-Motorized Transportation
Citywide	Capital Bikeshare	Transportation - Non-Motorized Transportation
Citywide	Pedestrian & Bicycle Master Plan Update	Transportation - Non-Motorized Transportation
Citywide	Complete Streets	Transportation - Non-Motorized Transportation
Citywide	Shared-Use Paths	Transportation - Non-Motorized Transportation
Citywide	Sidewalk Capital Maintenance	Transportation - Non-Motorized Transportation
Citywide	Bicycle Parking at Major Transit Stops	Transportation - Non-Motorized Transportation
Citywide	Parking Study	Transportation - Non-Motorized Transportation
Citywide	Transportation Master Plan Update	Transportation - Non-Motorized Transportation
Citywide	Bus Shelters and Benches	Transportation - Public Transit
Citywide	DASH Bus Fleet Replacements (Since FY 2011)	Transportation - Public Transit
Citywide	DASH Bus Fleet Expansion	Transportation - Public Transit
Citywide	Hybrid Bus and Trolley Battery Pack Replacement	Transportation - Public Transit
Citywide	DASH Real Time Bus Information System	Transportation - Public Transit
Citywide	DASH NEPP Implementation	Transportation - Public Transit
Citywide	Street Reconstruction and Resurfacing of Major Roads	Transportation - Streets & Bridges
Citywide	Bridge Repairs	Transportation - Streets & Bridges
Citywide	City Standard Construction Specifications	Transportation - Streets & Bridges
Citywide	Future Transportation Commission Priorities	City Council Contingency

Appendix C: Project Evaluation Criteria

The information contained on the next two pages represents the criteria developed by the Capital Improvement Program (CIP) Process Improvement Team to evaluate capital project requests. The Office of Management and Budget evaluated and ranked all funding requests during the FY 2016 – 2025 Capital Improvement Program (CIP) development process.

Align with Strategic Plan				
Evaluation Criteria	**Magnitude of Criteria**			**0.0**
	0	**1**	**2**	
Alignment with City Strategic Plan	Project is inconsistent with the City's Strategic Plan	Project is consistent with the City's Strategic Plan though not necessarily mentioned	Project is consistent with the City's Strategic Plan and directly mentioned in the Plan	
Focus Area: Livable, Green, and Prospering City	Project is not related to Outcomes in this Focus Area	Project is consistent with this Focus Area through not necessarily mentioned in the Outcomes	Project is consistent with this Focus Area and directly mentioned in the Outcomes	
Focus Area: Safe, Secure, and Just Community	Project is not related to Outcomes in this Focus Area	Project is consistent with this Focus Area through not necessarily mentioned in the Outcomes	Project is consistent with this Focus Area and directly mentioned in the Outcomes	
Focus Area: Healthy & Thriving Residents	Project is not related to Outcomes in this Focus Area	Project is consistent with this Focus Area through not necessarily mentioned in the Outcomes	Project is consistent with this Focus Area and directly mentioned in the Outcomes	
Focus Area: Accountable, Effective, & Well-Managed Government	Project is not related to Outcomes in this Focus Area	Project is consistent with this Focus Area through not necessarily mentioned in the Outcomes	Project is consistent with this Focus Area and directly mentioned in the Outcomes	
Alignment with Work Plans (Four Points)	Project is inconsistent with current or future work planning efforts; identification of resources to support project in current or future work plans is not provided	Project is consistent is with work plans; resources identified to support; but is part of future work plans	Project is consistent is with work plans and resources are currently provided to support the project	

Executes against our strategy & accountability for results				
Evaluation Criteria	**Magnitude of Criteria**			
	0	**1**	**2**	
Recommended in an internal strategic plan or Department workplan	Project is not recommended in an internal strategic plan or workplan	Project is recommended in a Department's strategic plan or work plan	Project is recommended in a Department's strategic plan/workplan and identified as a top priority	
Recommended by an adopted plan and/or recommended by a City board or commission as a priority	Project has not been recommended by an official City board or commission	Project has been recommended by an official City board or commission	Project has been recommended by an official City board or commission as a top priority	
Mandates/Legal Requirement	Project is not mandated or otherwise legally required	Project would address anticipated mandate or other legal requirement	Project required by mandate or other legal requirement	
Extent of Benefit	Project would benefit only a small percentage of citizens or particular neighborhoods, areas, or departments	Project would benefit a large percentage of citizens or many neighborhoods, areas, or departments	Proejct would benefit all citizens, neighborhoods, areas, or departments or provide a regional benefit	
Project Planned	Project was not funded in latest approved CIP	Project was funded in the out-years of the latest approved CIP	Project has received funding in the current year of the latest CIP	
Maintains Standard of Service/Infrastructure	Project not related to maintaining an existing standard of service	Project maintains existing standard of service	Project would address deficiencies or problems with existing service; would enhance service	

Promotes leadership & ownership at all levels				
Evaluation Criteria	**Magnitude of Criteria**			
	0	**1**	**2**	
Related to Other Projects	Project is not related to any other project in approved CIP	Project is linked to other project in the approved CIP, but not essential to their completion	Project essential to the success of other projects in the approved CIP	
User Expectations	Preliminary engineering, permitting, design and plan work has not been completed. Public vetting process has not occurred	Some preliminary engineering, permitting, design and plan work has been completed. Community is aware of the project's scope	Preliminary engineering, permitting, design and plan work has been completed. Community meetings have been held.	

Promotes excellence, creativity & entrepreneurship				
Evaluation Criteria	**Magnitude of Criteria**			
	0	**1**	**2**	
Feasibility of Project	Project is unable to proceed due to obstacles (land acquisiton, easements, permit approvals, etc.)	Minor obstacles exist, not entirely ready to proceed	Project is entirely ready to proceed, no obstacles exist	
Cost of Deferral	If deferred, the increase in project costs next year would be less than the rate of inflation	If deferred, the increase in project costs next year would be equal to the rate of expected inflation	If deferred, the increase in project costs would be greater than the expected rate of inflation	
Scope, Value, & Alternatives	Project does not appear to be scoped correctly given requested needs. Other alternatives have not been thoroughly reviewed or would be a better option	Project scope is appropriate for the problem it is solving and is a good choice among available alternatives. Project presents a good case for funding at this level.	Project has excellent scope and has been thoroughly vetted against other alternatives. The project is the best option to proceed forward from a cost/benefit perspective.	
Non-General Fund Funding Sources	Project is completely funded by General Fund	Project is partially funded by General Fund and partially funded by Non-General Fund	Project is completely funded by Non-General Fund funding sources	
Operational Budget Impact	Project would signficantly increase personnel or other operating costs or generate revenue insufficient to cover additional operating costs	Project would have no impact on personnel or operating costs, or generate additional revenue in excess of operating costs	Project would decrease personnel or operating costs, or increase revenue in excess of additonal operating costs	

Appendix D: FY 2016 -2025 Capital Project Rankings

The following list contains all capital projects reviewed during the FY 2016 – 2025 Capital Improvement Program (CIP) development process. The rankings were used in assisting in the development of the CIP; however, factors such as City Council guidance and links to the City's Strategic Plan - including long-term and intermediate outcomes - were also used to develop the CIP. The data shown lists projects from high to low and notes if the funding requests were funded. The rankings help guide funding decisions, but were not the only criteria used in developing the CIP.

Note: Funding marked N/A - represents and active project with no new funding required from FY 2016 - 2025.

CIP Section	Project	Score	FY 16-25 Funded	Requested FY 16-25 - Not Funded
Streets & Bridges	Street Reconstruction & Resurfacing of Major Roads	30.0	$ 54,100,000	$ 9,693,000
High Capacity Transit Corridors	Route 1 Transitway - Metroway Construction	29.5	N/A	N/A
Recreation & Parks	ADA Requirements (Recreation & Parks)	29.5	$ 1,950,000	$ -
Information Technology	Connectivity Initiatives (Comcast INET)	28.5	$ 4,500,000	$ -
Information Technology	Network Security	28.5	$ 1,225,000	$ -
Community Development	Oronoco Outfall	28.0	$ 300,000	$ -
Information Technology	Computer Aided Dispatch (CAD) Replacement	28.0	$ 2,326,000	$ 596,000
Recreation & Parks	Playground Renovations Capital Facilities Maintenance Program (CFMP)	28.0	$ 6,383,000	$ 117,000
Sanitary Sewers	Combined Sewer System (CSS) Permit Compliance	28.0	$ 3,000,000	$ -
Public Transit	WMATA Contributions	27.5	$ 113,610,000	$ -
Recreation & Parks	Park Renovations Capital Facilities Maintenance Program (CFMP)	27.5	$ 3,868,000	$ 212,000
Sanitary Sewers	Combined Sewer Separation Projects	27.5	$ 3,200,000	$ -
Recreation & Parks	Waterfront Parks CFMP	27.0	$ 500,000	$ -
Community Development	Fire Vehicles & Apparatus	26.5	$ 23,129,000	$ 2,000,000
Information Technology	Network Server Infrastructure	26.5	$ 1,550,000	$ -
Public Transit	DASH Bus Fleet Replacement	26.5	$ 32,985,000	$ 5,375,000
Public Transit	Potomac Yard Metrorail Station	26.5	$ 274,000,000	$ -
Recreation & Parks	Ball Court Renovations	26.5	$ 1,500,000	$ -
Recreation & Parks	Recreation Centers Capital Facilities Maintenance Program (CFMP)	26.5	$ 7,000,000	$ -
Sanitary Sewers	Combined Sewer Overflow 001 Planning	26.5	N/A	N/A
Streets & Bridges	King & Beauregard Intersection Improvements	26.5	N/A	N/A
Community Development	Eisenhower West Transportation Study	26.0	N/A	N/A
Information Technology	Enterprise Resource Planning (ERP)	26.0	$ 530,000	$ -
Information Technology	LAN/WAN Infrastructure	26.0	$ 1,900,000	$ -
Information Technology	Data Center (NOC) Relocation	26.0	$ -	$ 1,000,000
Public Buildings	Energy Management Program	26.0	$ 5,585,000	$ 550,000
Recreation & Parks	Tree and Shrub Capital Maintenance	26.0	$ 3,160,000	$ -
Public Buildings	Building Physical Conditions Assessment	25.5	$ 703,000	$ 65,000
Public Buildings	Libraries Capital Facilities Maintenance Program (CFMP)	25.5	$ 1,560,000	$ 100,000
Recreation & Parks	Soft Surface Trails	25.5	$ 1,200,000	$ -
Recreation & Parks	City Marina Maintenance	25.5	$ 1,250,000	$ -
Community Development	Waterfront Small Area Plan Implementation	25.0	$ 61,490,000	$ -
Fixed Transportation Equipment	Fixed Transportation Equipment	25.0	$ 10,600,000	$ -
High Capacity Transit Corridors	Transit Corridor C - Beauregard	25.0	$ 89,340,000	$ -
Information Technology	Permit Processing	25.0	$ 1,750,000	$ -
Non-Motorized Transportation	Complete Streets	25.0	$ 8,451,000	$ 889,000
Non-Motorized Transportation	Pedestrian and Bicycle Master Plan Update	25.0	N/A	N/A
Public Transit	King Street Metro Station Improvements	25.0	$ 3,700,000	$ -
Recreation & Parks	Water Management & Irrigation	25.0	$ 1,152,000	$ 128,000
Recreation & Parks	Open Space Acquisition & Development	25.0	$ 21,000,000	$ 9,300,000
Sanitary Sewers	Wet Weather Management Facility	25.0	$ 20,000,000	$ -
Non-Motorized Transportation	Sidewalk Capital Maintenance	24.5	$ 3,000,000	$ -
Other Regional Contributions	Northern Virginia Regional Park Authority (NVRPA)	24.5	$ 3,826,520	$ -
Public Buildings	Emergency Generators	24.5	$ 2,592,000	$ 200,000
Public Buildings	General Services Capital Facilities Maintenance Program (CFMP)	24.5	$ 14,400,000	$ 200,000
Public Buildings	Adult Detention Center HVAC	24.5	$ 295,000	$ -
Public Transit	DASH Hybrid Bus Battery Pack Replacement	24.5	$ 3,400,000	$ -

CIP Section	Project	Score	FY 16-25 Funded	Requested FY 16-25 - Not Funded
Sanitary Sewers	Reconstruction & Extension of Sanitary Sewers	24.5	$ 8,600,000	$ 400,000
Sanitary Sewers	Citywide Sanitary Sewer Rehabilitation and I&I Reduction	24.5	$ 15,300,000	$ -
Information Technology	Voice Over IP Telephony	24.0	$ 1,050,000	$ 200,000
Non-Motorized Transportation	Capital Bikeshare	24.0	$ 2,127,313	$ -
Other Regional Contributions	Peumansend Creek Regional Jail	24.0	$ 202,591	$ -
Public Buildings	Fire Department Capital Facilities Maintenance Program (CFMP)	24.0	$ 4,000,000	$ -
Public Buildings	Vola Lawson Animal Shelter CFMP	24.0	$ 300,000	$ -
Public Buildings	Mental Health Residential Facilities	24.0	$ 1,500,000	$ -
Recreation & Parks	Windmill Hill Park Improvements	24.0	$ 5,000,000	$ 500,000
Recreation & Parks	Public Pools	24.0	$ 520,000	$ -
Recreation & Parks	Braddock Area Plan Park	24.0	$ 703,605	$ -
Recreation & Parks	Renovation and Proactive Management of Urban Forest	24.0	$ 2,100,000	$ 1,680,000
Sanitary Sewers	Four Mile Run Sanitary Sewer Repair	24.0	$ 200,000	$ -
Streets & Bridges	Bridge Repairs	24.0	$ 4,300,000	$ 700,000
Streets & Bridges	Seminary Road at Beauregard Street Ellipse	24.0	$ 36,400,000	$ -
Community Development	Citywide Signage and Wayfinding System	23.5	$ 1,749,000	$ -
Community Development	City Marina Waterfront Dredging	23.5	$ 4,500,000	$ 1,000,000
Community Development	Four Mile Run Restoration Project	23.5	N/A	N/A
Information Technology	Enterprise Data Storage Infrastructure	23.5	$ 1,400,000	$ -
Information Technology	Geographic Information Systems - Strategic Plan Implementation	23.5	$ 530,000	$ -
Information Technology	IT Equipment Replacement	23.5	$ 2,140,000	$ -
Information Technology	Upgrade Workstation Operating Systems	23.5	$ 925,000	$ -
Non-Motorized Transportation	Transportation Master Plan Update	23.5	$ 500,000	$ -
Public Buildings	Elevator Replacement/Refurbishment	23.5	$ 6,625,000	$ -
Public Buildings	Courthouse Renovations - HVAC Replacement & Ongoing Asset Renewal	23.5	$ 1,700,000	$ -
Public Buildings	Fire Station 203 (Cameron Mills Road)	23.5	$ 7,305,000	$ -
Public Buildings	Office of the Sheriff Capital Facilities Maintenance Program (CFMP)	23.5	$ 4,600,000	$ -
Public Buildings	Historic Alexandria Capital Facilities Maintenance Program (CFMP)	23.5	$ 3,450,000	$ -
Recreation & Parks	Athletic Field Improvements (Including Synthetic Turf Fields)	23.5	$ 18,110,000	$ -
Stormwater	MS4 Permit & TDML Compliance - Storm Water Quality Improvements	23.5	$ 28,400,000	$ 200,000
Stormwater	NPDES/Municipal Separate Storm Sewer System (MS4) Permit Program	23.5	N/A	N/A
Public Buildings	City Hall HVAC & Infrastructure Replacement Project	23.0	$ 53,305,000	$ 1,495,000
Public Buildings	Health Department Garage Concrete Deck and Parking Restoration	23.0	N/A	N/A
Public Transit	Bus Stop Shelters and Benches	23.0	$ 870,000	$ 5,080,000
Recreation & Parks	Citywide Parks Improvement Plan	23.0	$ 818,000	$ 12,750,000
Stormwater	Stream and Channel Maintenance	23.0	$ 6,000,000	$ -
Community Development	Public Art Conservation Program	22.5	$ 210,000	$ 180,000
Other Regional Contributions	Northern Virginia Community College (NVCC)	22.5	$ 3,917,383	$ -
Public Buildings	EOC / Public Safety Center Reuse Project	22.5	N/A	N/A
Recreation & Parks	Athletic Field Restrooms	22.5	$ 1,090,000	$ -
Recreation & Parks	Patrick Henry Recreation Center	22.5	$ 5,943,000	$ -
Fixed Transportation Equipment	Traffic Control Update	22.0	$ 1,000,000	$ -
Information Technology	Customer Relationship Management (CRM)	22.0	$ 975,000	$ -
Information Technology	Enterprise Maintenance Management System	22.0	$ 450,000	$ -
Information Technology	LAN Development	22.0	$ 155,000	$ -
Non-Motorized Transportation	Safe Routes to Schools	22.0	N/A	N/A
Public Buildings	Roof Replacement Program	22.0	$ 3,882,000	$ -
Stormwater	Lake Cook Stormwater Management	22.0	N/A	N/A
Fixed Transportation Equipment	ITS Integration	21.5	$ 1,918,063	$ -
Information Technology	Alexandria Justice Information System (AJIS) Enhancements	21.5	$ 600,000	$ 58,000
Information Technology	IT Enterprise Management System	21.5	$ 340,000	$ -
Public Buildings	Police K-9 Facility Renovation	21.5	N/A	N/A
Public Buildings	Animal Shelter Exterior Dog Kennels	21.5	$ 258,000	$ -
Public Buildings	Courthouse - General District Court Clerk's Office Payment Center	21.5	$ 160,000	$ -
Recreation & Parks	Pavement Improvement in Parks	21.5	$ 2,500,000	$ -

CIP Section	Project	Score	FY 16-25 Funded	Requested FY 16-25 - Not Funded
Sanitary Sewers	Holmes Run Trunk Sewer	21.5	N/A	N/A
Information Technology	Database Infrastructure	21.0	$ 240,000	$ -
Information Technology	Replacement of City Voting Equipment	21.0	$ 895,000	$ -
Non-Motorized Transportation	Access to Transit	21.0	N/A	N/A
Non-Motorized Transportation	Shared Use Paths	21.0	$ 3,000,000	$ -
Public Buildings	Fire Station 211 (Beauregard Corridor)	21.0	$ 13,200,000	$ -
Sanitary Sewers	AlexRenew Wastewater Treatement Plant Expansion	21.0	$ 34,220,000	$ -
Stormwater	Green Infrastructure in CSO Areas	21.0	$ 500,000	$ -
Stormwater	Storm Sewer Systems Spot Improvements	21.0	$ 2,700,000	$ -
Streets & Bridges	Eisenhower Avenue Roadway Improvements	21.0	N/A	N/A
Community Development	Gadsby Lighting Fixtures and Poles Replacement	20.5	$ 600,000	$ 75,000
Community Development	Braddock Area Plan Implementation - Streeetscape Improvements	20.5	$ 474,000	$ -
High Capacity Transit Corridors	Transit Corridor C Transit Priority	20.5	N/A	N/A
Information Technology	Phone-Web-Portable Device Payment Portals	20.5	$ 1,300,000	$ -
Non-Motorized Transportation	Wilkes Street Bikeway	20.5	N/A	N/A
Non-Motorized Transportation	Parking Study	20.5	$ 150,000	$ -
Public Buildings	Fire Station 206 (Seminary Road)	20.5	$ 11,528,000	$ -
Public Buildings	Archives Public Records and Archeology Storage Expansion (OHA)	20.5	$ 150,000	$ 700,000
Public Transit	DASH Bus Fleet Expansion	20.5	$ -	$ 27,300,000
Recreation & Parks	City Marina Restrooms	20.5	N/A	N/A
Recreation & Parks	City Marina Utility Upgrades	20.5	$ 1,250,000	$ -
Stormwater	Fort Ward Stormwater Management Master Plan Study	20.5	N/A	N/A
Stormwater	Four Mile Run Channel Maintenance	20.5	$ 1,200,000	$ -
Streets & Bridges	Madison and Montogmery @ St. Asaph Street Reconstruction	20.5	N/A	$ 10,025,000
Streets & Bridges	Mount Vernon Avenue/Russell Road Intersection Improvements	20.5	$ -	$ 1,250,000
Information Technology	Remote Access	20.0	$ 850,000	$ -
Public Buildings	Fire Station 205 (Cameron Street)	20.0	$ 11,273,000	$ -
Public Buildings	Fire Station 207 (Duke Street)	20.0	$ 18,200,000	$ -
Public Buildings	Torpedo Factory Repairs	20.0	N/A	N/A
Public Buildings	Beatley Building Envelope Restoration	20.0	$ 1,170,000	$ -
Public Buildings	Alexandria Library Security Camera Enhancements	20.0	$ -	$ 66,000
Stormwater	Cameron Station Pond Retrofit	20.0	$ 3,500,000	$ -
Stormwater	City Facilities Stormwater BMPs	20.0	$ 1,545,000	$ -
Streets & Bridges	King St/Quaker Ln/Braddock Rd Intersection Improvements	20.0	$ 381,500	$ -
Community Development	Environmental Restoration	19.5	$ 750,000	$ -
Fixed Transportation Equipment	Parking Technologies	19.5	$ 810,000	$ -
Information Technology	Business Tax System/Reciprocity Contractor System	19.5	$ 572,000	$ -
Information Technology	Mitigation of Integrated Library System to SAAS Platform	19.5	$ 99,240	$ -
Non-Motorized Transportation	Edsall and South Pickett Pedestrian Improvements	19.5	$ 325,000	$ -
Public Buildings	City Hall Security Enhancements	19.5	N/A	N/A
Public Buildings	Pistol Range	19.5	$ 1,500,000	$ -
Recreation & Parks	Restaurant Depot Contributions	19.5	N/A	N/A
Recreation & Parks	Four Mile Run Building Improvements	19.5	$ -	$ 50,000
Information Technology	EMS Records Management	19.0	$ 425,000	$ -
Information Technology	Project Management Software	19.0	$ 185,000	$ -
Non-Motorized Transportation	Holmes Run Greenway	19.0	N/A	N/A
Sanitary Sewers	Combined Sewer Assessment and Rehabilitation	19.0	$ 8,800,000	$ -
Community Development	Street Lighting Citywide	18.5	$ 250,000	$ -
Information Technology	DCHS HIPAA and Related Health Information Technologies	18.5	$ 328,000	$ -
Information Technology	Personal Property Tax System	18.5	$ 890,000	$ -
Information Technology	Real Estate Accounts Receivable System	18.5	$ 505,000	$ -
Public Transit	South Eisenhower Metrorail Station	18.5	$ 1,574,229	$ -
Recreation & Parks	Recreation Facilities Security Review	18.5	$ 135,000	$ -
Information Technology	Enterprise Collaboration Program Development (Including OPA/AlexStat)	18.0	$ 200,000	$ 140,000
Information Technology	Library Public Access Computers and Print Mgmt System	18.0	$ 185,000	$ -

CIP Section	Project	Score	FY 16-25 Funded	Requested FY 16-25 - Not Funded
Public Buildings	Market Square Plaza and Garage Structural Repairs	18.0	$ 1,500,000	$ -
Public Transit	DASH Real Time Bus Information System	18.0	N/A	N/A
Stormwater	Storm Sewer Capactiy Analysis	18.0	$ 950,000	$ -
Information Technology	Email, Messaging, and Conferencing System	17.5	$ -	$ 220,000
Information Technology	Real Estate Assessment - Computer Assisted Mass Appraisal (CAMA)	17.5	$ 870,000	$ -
Non-Motorized Transportation	Cameron and Prince Bicycle Facilities	17.5	$ 300,000	$ -
Public Buildings	Fleet Facility HVAC Replacement	17.5	N/A	N/A
Recreation & Parks	Ft. Ward Management Plan Implementation	17.5	$ 1,395,000	$ -
Streets & Bridges	E Glebe at Route 1	17.5	$ 3,000,000	$ -
Community Development	Public Art Acquisition	17.0	$ 2,650,000	$ 1,300,000
High Capacity Transit Corridors	Corridor B Transitway Construction (Duke Street)	17.0	$ 19,310,000	$ -
Information Technology	Recreation Database System	17.0	$ -	$ 840,000
Public Buildings	Old Town Parking Garage Ticketing Modernization	17.0	$ 250,000	$ -
Public Buildings	Gadsby's Tavern Restaurant Kitchen Equipment	16.5	$ 245,000	$ -
Public Buildings	Health Department Minor Interior Repairs	16.5	$ -	$ 1,524,000
Public Buildings	Gadsby's Tavern Elevator Design & Construction	16.5	$ 1,450,000	$ -
Public Buildings	Citywide Storage Capacity Assessment	16.5	$ 65,000	$ -
Public Transit	DASH Storage Facility Expansion	16.5	$ -	$ 5,255,272
Recreation & Parks	Chinquapin Aquatics Center	16.5	$ 22,350,000	$ -
Community Development	King Street Plan Implementation	16.0	$ 900,000	$ -
Community Development	Alexandria Cultural Plan	16.0	$ -	$ 85,000
Information Technology	Employee Pension Administration System	16.0	$ 550,000	$ -
Information Technology	Municipal Fiber	16.0	$ -	$ 10,000,000
Non-Motorized Transportation	Mount Vernon Trail at East Abingdon	16.0	$ 100,000	$ -
Public Buildings	EOC Audio Visual Equipment	16.0	$ -	$ 251,246
Recreation & Parks	Warwick Pool	16.0	$ 2,150,000	$ -
Information Technology	Document Imaging	15.5	$ 50,000	$ -
Streets & Bridges	Route 1 at East Reed Avenue	15.5	N/A	N/A
Information Technology	E-Government	15.0	$ 285,000	$ 150,000
Non-Motorized Transportation	Bicycle Parking at Major Transit Stops	15.0	$ 750,000	$ -
Non-Motorized Transportation	BRAC Neighborhood Protection Plan	15.0	N/A	N/A
Public Transit	Landmark Transit Station	15.0	$ 6,000,000	$ -
Public Transit	DASH Technology Program	15.0	$ -	$ 2,328,000
Recreation & Parks	Polk Avenue Park	15.0	$ -	$ 150,000
Recreation & Parks	Park Maintenance Facilities	15.0	$ 280,000	$ -
Streets & Bridges	City Standard Construction Specifications	15.0	$ 200,000	$ -
Fixed Transportation Equipment	Transportation Technologies	14.5	$ 1,175,000	$ 75,000
Information Technology	Customer Management (Queuing) System	14.5	$ -	$ 97,000
Public Buildings	New Burn Building	14.5	$ -	$ 3,300,000
Fixed Transportation Equipment	Citywide Transportation Management System	14.0	N/A	N/A
Information Technology	Virtual Desktop Infrastructure	14.0	$ -	$ 1,500,000
Information Technology	Mobile Device Management	14.0	$ -	$ 135,000
Non-Motorized Transportation	Backlick Run Multi-Use Paths	14.0	$ 2,110,000	$ 1,090,000
Non-Motorized Transportation	Old Cameron Run Trail	14.0	$ 2,195,000	$ 1,405,000
Public Buildings	Torpedo Factory Space Programming Study	14.0	$ 250,000	$ -
Recreation & Parks	Recreation Center Fitness Equipment	14.0	$ -	$ 643,979
Information Technology	Friendship Firehouse Museum INET	13.5	$ -	$ 22,000
Recreation & Parks	Four Mile Run Connector	13.5	$ -	$ 330,000
Information Technology	Outdoor Public Wi-Fi Access	13.0	$ -	$ 395,000
Information Technology	Enterprise Audio Visual Integration	13.0	$ -	$ 50,000
Non-Motorized Transportation	Van Dorn/Beauregard Bicyle Facility	13.0	$ 1,519,372	$ -
Information Technology	DCHS in Building Wi-Fi	12.5	$ -	$ 201,000
Recreation & Parks	Beach Park Renovation	12.5	$ -	$ 650,000
Streets & Bridges	High Street Construction	12.5	$ 500,000	$ -
Streets & Bridges	Van Dorn Multi-Modal Bridge	12.5	$ 500,000	$ -

CIP Section	Project	Score	FY 16-25 Funded	Requested FY 16-25 - Not Funded
Information Technology	Telestaff Kronos Integration	12.0	$ -	$ 75,000
Non-Motorized Transportation	Braddock Road Multimodal Connections	12.0	$ -	$ 500,000
Public Buildings	Fire and Rescue New Shop/Logistics/Storage Space	12.0	$ -	$ 7,500,000
Public Transit	DASH NEPP Implementation	12.0	$ 1,200,000	$ 3,276,000
Recreation & Parks	S. Royal St. Observation Deck	12.0	$ -	$ 125,000
Community Development	Opticom Traffic Signal Preemption System	10.5	$ -	$ 341,500
Public Buildings	Ellen Coolidge Burke Facility Space Planning	10.0	$ 50,000	$ 630,000
Alexandria City Public Schools	Total Alexandria City Public Schools Funding	N/A	$ 291,383,279	$ 14,534,107
High Capacity Transit Corridors	Metroway - NEPP	N/A	$ 1,500,000	$ -
High Capacity Transit Corridors	Transit Corridor A Streetcars	N/A	$ 3,000,000	$ 300,000
Information Technology	IT Lump Sum Funding (Years 6-10)	N/A	$ 19,800,000	$ -
Public Transit	Transit Shelter Capital Maintenance	N/A	$ -	$ 200,000
Public Transit	Van Dorn Metrorail Station Improvements	N/A	$ 2,170,000	$ 140,000
Stormwater	Stormwater Utility Study	N/A	$ 640,000	$ -
Streets & Bridges	Duke Street Reconstruction	N/A	$ 1,200,000	$ -
City Council Contingency	Maury School Yard Initiative	N/A	$ 250,000	$ -
City Council Contingency	Future Transportation Commission Priorities	N/A	$ 930,000	$ -
Totals			$ 1,566,472,095	$ 153,893,104

Appendix E: Operating Impacts

The following tables indicate the FY 2016 – FY 2025 anticipated Operating Budget impacts resulting from implementation of capital projects. Where applicable, a dollar amount impact is shown. A separate section for projects which do not yet have a defined scope and therefor operating impacts are yet to be determined is also included. The anticipated funding source to support the additional operating impact is noted for each project. 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.

CIP Seciton/Project	Funding Source	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25
Community Development											
Citywide Street Lighting	General Fund	0	600	1,200	1,800	2,400	3,000	3,600	4,200	4,800	5,400
Four Mile Run Stream Restoration	General Fund	0	12,000	12,360	12,731	13,113	13,506	13,911	14,329	14,758	15,201
IT Plan											
Real Estate Account Receivable System	General Fund	0	0	20,000	20,600	21,218	21,855	22,510	23,185	23,881	24,597
Employee Pension Administration System	General Fund	0	0	0	(250,000)	(200,000)	(150,000)	(50,000)	(50,000)	(50,000)	(50,000)
Personal Property Tax System	General Fund	0	0	0	0	25,000	25,750	26,523	27,318	28,138	28,982
Business Tax System/Reciprocity Contractor System	General Fund	0	0	22,000	22,660	23,340	24,040	24,761	25,504	26,269	27,057
Real Estate Assessment System (CAMA)	General Fund	0	0	0	0	0	30,000	30,900	31,827	32,782	33,765
Voice Over Internet Protocol (VoIP)	General Fund	30,000	30,900	31,827	32,782	33,765	34,778	35,822	36,896	38,003	39,143
Enterprise Collaboration (Including AlexStat Hardware & Software)	General Fund	0	50,000	51,500	53,045	54,636	56,275	57,964	59,703	61,494	63,339
Enterprise Data Storage Infrastructure	General Fund	0	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Remote Access	General Fund	0	0	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448
Permit Processing	Code Fund	0	300,000	309,000	318,270	327,818	337,653	347,782	358,216	368,962	380,031
Enterprise Maintenance Mgmt System	General Fund	0	20,000	20,600	21,218	21,855	22,510	23,185	23,881	24,597	25,335
HIPAA & Related Health Information Technologies	General Fund	20,500	21,115	21,748	22,401	23,073	23,765	24,478	25,212	25,969	26,748
Migration of Integrated Library System to SAAS Platform	General Fund	0	27,000	27,810	28,644	29,504	30,389	31,300	32,239	33,207	34,203
Library Public Access Computers and Print Mgmt System	General Fund	0	0	12,797	13,181	13,576	13,984	14,403	14,835	15,280	15,739
Customer Relationship Management System	General Fund	0	100,000	103,000	106,090	109,273	112,551	115,927	119,405	122,987	126,677
Computer Aided Dispatch (CAD) System Replacement	General Fund	527,109	542,922	559,210	575,986	593,266	611,064	629,396	648,278	667,726	687,758
Public Buildings											
Old Town Parking Garage Ticketing Modernization	General Fund	(113,000)	(116,390)	(119,882)	(123,478)	(127,182)	(130,998)	(134,928)	(138,976)	(143,145)	(147,439)
Emergency Generators	General Fund	0	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800
Fire Station 210 (Eisenhower Valley)	General Fund	199,050	205,022	211,172	217,507	224,033	230,754	237,676	244,806	252,151	259,715
Fire Station 203 (Cameron Mills)	General Fund	0	1,200,000	1,133,000	1,166,990	1,202,000	1,238,060	1,275,201	1,313,458	1,352,861	1,393,447
Fire Station 207 (Duke Street)	General Fund	0	0	0	0	0	15,000	15,450	15,914	16,391	16,883
Fire Station 211 (Beauregard)	General Fund	0	0	0	0	0	5,700,000	5,400,000	5,562,000	5,728,860	5,900,726
Fire Station 206 (Seminary Rd)	General Fund	0	0	0	0	0	0	0	0	15,000	15,450
Fire Station 205 (Cameron Street)		0	0	0	0	0	0	0	0	0	15,000

CIP Seciton/Project	Funding Source	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25
Recreation & Parks											
Tree & Shrub Capital Maintenance	General Fund	0	37,500	77,250	79,568	81,955	84,413	86,946	89,554	92,241	95,008
Fort Ward Management Plan Implementation	General Fund	0	2,500	2,575	2,652	9,152	9,427	9,710	10,001	10,301	10,610
Warwick Pool Renovation	General Fund	0	40,000	94,760	97,603	100,531	103,547	106,653	109,853	113,148	116,543
Park Maintenance Facilities	General Fund	0	0	4,500	9,270	9,548	9,835	10,130	10,433	10,746	11,069
Braddock Area Plan - Interim Park	General Fund	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448	19,002	19,572
Chinquapin Aquatics Center	General Fund	0	0	0	625,000	1,287,500	1,326,125	1,365,909	1,406,886	1,449,093	1,492,565
Sanitary Sewers											
Wet Weather Management Facility	Sanitary Sewers	0	0	0	0	309,000	318,270	327,818	337,653	347,782	358,216
Stormwater Management											
Lake Cook Stormwater Management	GF/Stormwater	0	0	100,000	103,000	106,090	109,273	112,551	115,927	119,405	122,987
Green Infrastructure in CSO Areas	GF/Stormwater	0	1,500	1,545	1,591	1,639	1,688	1,739	1,791	1,845	1,900
Cameron Station Pond Retrofit	GF/Stormwater	0	0	0	0	135,000	139,050	143,222	147,518	151,944	156,502
MS4-TMDL Compliance Water Quality Imprv.	GF/Stormwater	0	0	0	50,000	51,500	53,045	100,000	103,000	150,000	154,500
City Facilities Stormwater Best Management Practices (BMPs)	GF/Stormwater	0	0	0	25,000	25,750	26,523	27,318	28,138	28,982	29,851
Transportation											
Fixed Transportation Equipment	General Fund	0	0	2,500	5,000	7,500	10,000	12,500	15,000	17,500	20,000
Intelligent Transportation Systems (ITS) Integration	General Fund	0	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668
Route 1 Transitway - Metroway Construciton	NVTA 30%	0	(317,000)	(326,510)	(336,305)	(346,394)	(356,786)	(367,490)	(378,515)	(389,870)	(401,566)
Transit Corridor "C" - Beauregard	NVTA 30%	0	0	0	0	500,000	2,400,000	1,560,000	1,560,000	1,560,000	1,560,000
Access to Transit	General Fund	0	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668
Safe Routes to Schools	General Fund	0	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067
Complete Streets	General Fund	0	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000
Capital Bikeshare	General Fund	0	0	90,000	180,000	270,000	360,000	450,000	463,500	477,405	491,727
DASH Real Time Bus Information System	General Fund	0	50,000	51,500	53,045	54,636	56,275	57,964	59,703	61,494	63,339
South Eisenhower Metrorail Station - South Entrance	General Fund	0	0	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448
King Street Metrorail Station Area Improvements	TIP	0	70,000	60,000	61,800	63,654	65,564	67,531	69,556	71,643	73,792
Potomac Yard Metrorail Station	Potomac Yard	0	0	0	695,000	1,431,700	1,474,651	1,518,891	1,564,457	1,611,391	1,659,733
Van Dorn Metrorail Station Area Imprv.	General Fund	0	0	0	3,000	3,090	3,183	3,278	3,377	3,478	3,582
Landmark Transit Station	General Fund	0	0	0	0	0	0	0	0	0	50,000
King & Beauregard Intersection Improvements	General Fund	0	0	0	15,000	15,450	15,914	16,391	16,883	17,389	17,911
Eisenhower Avenue Roadway Improvements	General Fund	0	0	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448
King/Quaker Lane/Braddock Rd. Intersection	General Fund	0	0	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448
Route 1 @ E. Reed Intersection Improvements	General Fund	0	0	0	0	500	0	0	10,000	0	0
Street Reconstruction & Resurfacing of Major Roads	General Fund	(404,207)	(416,333)	(428,823)	(441,688)	(454,939)	(468,587)	(482,644)	(497,124)	(512,037)	(527,398)
Seminary Road at Beauregard Street Ellipse	General Fund	0	0	0	0	0	25,000	25,750	26,523	27,318	28,138
Total, Additional Opearting Imapct FY 2016 -2025		274,452	1,938,786	2,295,363	3,630,799	6,228,591	14,218,687	13,501,772	13,881,589	14,311,022	14,769,333

CIP Seciton/Subsection/Project	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 16-25
ACPS Total Funding	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Community Development											
Public Art Conservation Program	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Waterfront Small Area Plan Implementation (w/ Construction Funding)	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
King Street Plan Implementation	0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD
IT Plan											
GIS Development	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Municipal Fiber	0	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
IT Enterprise Management System	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Project Management Software	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Public Buildings											
City Hall Security Enhancements	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
City Hall HVAC & Infrastructure Replacement	0	0	0	0	0	0	0	0	TBD	TBD	TBD
Ellen Coolidge Burke Facility Space Planning	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
EOC/Public Safety Center Reuse	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Pistol Range	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Recreation & Parks											
Open Space Acquisition and Develop.	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Recreation Facilities Security Review	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Patrick Henry Recreation Center	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Sanitary Sewers											
Combined Sewer System (CSS) Permit Compliance	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Transportation											
Transportation Technologies	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Parking Technologies	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Route 1 Transitway (NEPP)	0	0	0	0	0	0	TBD	TBD	TBD	TBD	TBD
Van Dorn/Beauregard Bicycle Facilities	0	0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD
DASH NEPP Implementation	0	0	0	0	0	0	TBD	TBD	TBD	TBD	TBD