PROPOSED
CAPITAL IMPROVEMENT PROGRAM

— FISCAL YEAR 2015 —

JULY 1, 2014 – JUNE 30, 2015

City of Alexandria, Virginia

PROPOSED FY 2015 - 2024

CAPITAL IMPROVEMENT

PROGRAM

(Incorporating the Information Technology Plan)

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The Office of Management and Budget staff wish to acknowledge the Office of Performance and Accountability staff, General Services staff in the Mail Services Division, and the City's Electronic Publishing Staff in the Office of Communications for their assistance in the preparation of this budget document.

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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 2013.

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

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

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CITY OF ALEXANDRIA, VIRGINIA

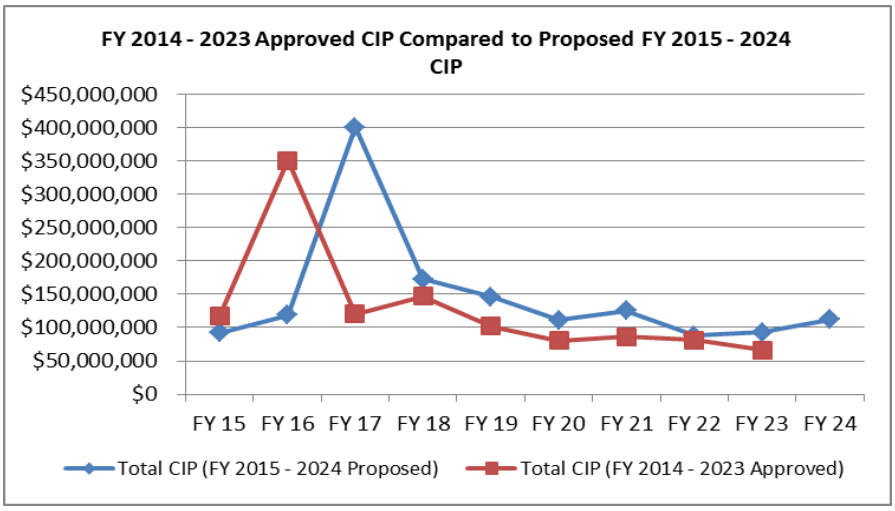
Proposed FY 2015 – FY 2024 Capital Improvement Program Overview

PROPOSED CIP OVERVIEW

The City Manager's Proposed FY 2015 – 2024 Capital Improvement Program (CIP) was presented to City Council on February 25, 2014 and includes $1.459 billion in total funding. The Proposed CIP includes funding for the Potomac Yard Metrorail Station (from developer contributions and special tax districts which will leverage required borrowing), as well as 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. Additionally, new funding from the Northern Virginia Transportation Authority (NVTA) is programmed in the CIP for the first time. NVTA funding is designated specifically for transportation purposes. With the new NVTA funding available to the City for expanded transportation and transit infrastructure, the City Manager has proposed broadening the eligible expenditure to be funded by the TIP. The TIP originally was for expanded transportation and transit infrastructure, it now can be used for any transportation purpose. While the definition of the TIP has changed, the entire 2.2 cents will still be utilized for transportation related expenditures, with details provided in the Transportation and Transit Infrastructure section of the Capital Improvement Program document.

A total of $279.1 million is proposed for Alexandria City Public Schools (ACPS) capital infrastructure needs, including $149.5 million to address increased enrollment needs over the 10-year plan. Additional funding is also provided for maintenance of our existing transportation infrastructure such as roads, sidewalks, and shared-use paths, along with continued investment in Complete Streets initiatives.

The Proposed FY 2015 – 2024 Capital Improvement Program totals $1.459 billion, which represents a $230.5 million, or 18.8%, increase from the Approved FY 2014 - 2023 CIP. To achieve a true comparison of the costs of the two plans, FY 2014 and FY 2024 must be removed from the comparison. When comparing only nine years (FY 2015 – 2023), the Proposed CIP increases $195.5 million, or 17.0% over last year's Approved CIP. A large shift in funding from FY 2016 to FY 2017 involves shifting construction funding for Potomac Yard from late FY 2016 to early FY 2017.

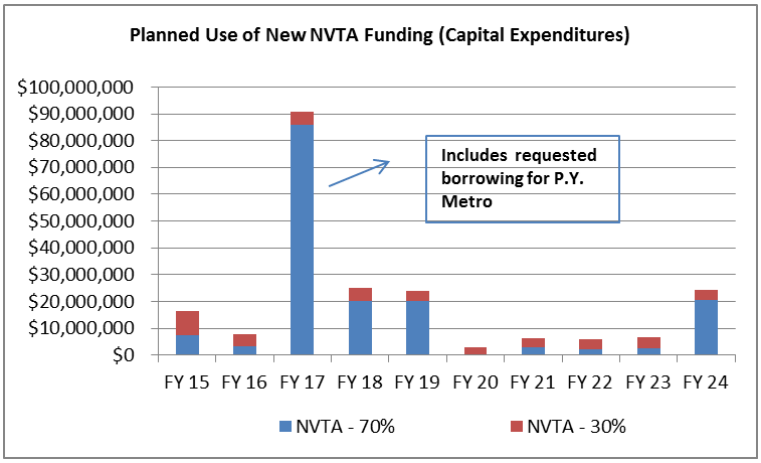


New Northern Virginia Transportation Authority (NVTA) Revenues

The most significant change from the Approved FY 2014 – 2023 CIP is the inclusion of Northern Virginia Transportation Authority (NVTA) funding, which is the result of new revenue available for transportation-related capital and operating expenditures. This revenue is derived from HB2313 legislation passed by State General Assembly action during the FY 2014 budget process, and is classified as NVTA 70% and NVTA 30% revenues through the CIP document.

NVTA 70% revenues (estimated at $165.0 million over the 10-year plan) must be utilized for projects that provide regional benefits (e.g. Potomac Yard Metrorail Station, Beauregard Corridor) while NVTA 30% revenues (estimated at $45.1 million over the 10-year

plan) are used at discretion of local governments for local transportation improvements. The City anticipates utilizing NVTA 30% revenues to support DASH bus purchases and replacing and installing new bus shelters, among other local projects. NVTA revenue has allowed the City to make significant new investments in transportation infrastructure while reducing planned borrowing originally intended to support the larger transportation projects. By leveraging new NVTA funding, the City has been able to reduced planned borrowing for the Potomac Yard Metrorail Station by $61.3 million and eliminated borrowing leveraged by the Transportation Improvement Program ($28.0 million).



It is important to note that NVTA funding is still a relatively new revenue source for the City, and revenue projections will most likely change as tax collection data becomes available. Furthermore, the NVTA 70% funding decisions have yet to be made by NVTA. The NVTA 70% funding programmed in the CIP by City staff represents the City's ideal allocation of these funds. Decisions regarding the actual dollar amount and receipt of funding by fiscal year for each locality in the region will be made by NVTA in the context of all regional transportation needs.

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 brings new opportunities as well), the Proposed FY 2015 – 2024 CIP divides revenue sources into three different types. Unrestricted City funds include general cash sources and General Obligation (G.O.) Bond revenues for the base CIP program. Restricted City funds include both cash and G.O. Bond revenues associated with the Sanitary Sewer Fund, Stormwater Management Fund, Transportation Improvement Program, Potomac Yard Metrorail Station, 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 generally include State and Federal grants (including NVTA funding) and earmarks as well as 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 opportunities provided by the new NVTA funding, the City has moved from a 29.4% cash sources / 70.6% borrowing structure in last year's CIP to a 41.1% cash sources / 58.9% borrowing structure in this year's 10-year plan. The table on the next page provides details on the diversity of funding, comparing last year's approved plan to this year's proposed plan.

Proposed FY 2015 – FY 2024 Capital Improvement Program Overview

Revenues	Last Year FY 2014-2023	Proposed FY 2015-2024	Difference FY 2015-FY 2014
Unrestricted City Revenues			
Cash Sources (Including General Fund Transfer)	$ 244,501,125	$ 237,996,758	$ (6,504,367)
G.O. Bonds	$ 493,994,000	$ 571,063,000	$ 77,068,999
Subtotal, Unrestricted City Revenues	*$ 738,495,125*	*$ 809,059,758*	$ 70,564,632
Restricted City Revenues			
Potomac Yard (Cash Sources)	$ 7,500,000	$ 5,525,000	$ (1,975,000)
Potomac Yard (GO Bonds)	$ 265,300,000	$ 204,000,000	$ (61,300,000)
Sanitary Sewers (Cash Sources)	$ 12,940,000	$ 6,670,000	$ (6,270,000)
Sanitary Sewers (GO Bonds)	$ 80,180,000	$ 84,400,000	$ 4,220,000
Transportation Improvement Program (Cash Sources)	$ 28,605,000	$ 20,320,000	$ (8,285,000)
Transportation Improvement Program (GO Bonds)	$ 28,000,000	$ -	$ (28,000,000)
Code Fund	$ 500,000	$ 1,729,000	$ 1,229,000
Other	$ 2,465,000	$ -	$ (2,465,000)
Subtotal, Restricted City Revenues	*$ 425,490,000*	*$ 322,644,000*	$ (102,846,000)
Non-City Revenues			
NVTA 70% (Regional)	$ -	$ 165,000,000	$ 165,000,000
NVTA 30% (Local)	$ -	$ 45,097,920	$ 45,097,920
Other State and Federal Grants	$ 49,007,999	$ 31,342,080	$ (17,665,919)
Private Capital Contributions	$ 4,550,727	$ 79,519,895	$ 74,969,168
Comcast Revenues	$ 10,540,000	$ 5,870,000	$ (4,670,000)
Subtotal, Non-City Revenues	*$ 64,098,726*	*$ 326,829,895*	$ 262,731,169
Total, All Revenue Sources	**$ 1,228,083,852**	**$ 1,458,533,652**	**$ 230,449,800**

Project Categorization

The Proposed FY 2015 – 2024 CIP addresses two broad areas of expenditure:

- Protection of the City's investment in existing public facilities or infrastructure (physical assets) through capital maintenance or renovations; and
- Planning and construction of major new public facilities and infrastructure, including new or replacement Information technology systems.

The Proposed FY 2015 – 2024 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 2014 – 2023 CIP.

Similar to FY 2014, the Office of Management and Budget first categorized projects into one of three Categories, as well as the City's Information Technology (IT) Plan.

Project Category	Total FY 2015-2024
Category 1 - Asset Maintenance	$ 426,089,845
Category 2 - Renovations/Existing Assets	$ 112,509,070
Category 3 - New Facilities	$ 865,518,737
Information Technology Plan	$ 54,416,000
Total, All Categories	**$ 1,458,533,652**

- **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; and
- **Information Technology Plan** – projects included 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.

Proposed FY 2015 – FY 2024 Capital Improvement Program Overview

Beyond basic capital maintenance issues, the Proposed FY 2015 – 2024 CIP reflects a vision for the City's future. The FY 2015 CIP decision making process included an initial effort to integrate the capital plan with City Council's guidance, the Strategic Plan, and the City Manager's Performance Plan.

Of the $865.5 million In Category 3 projects, $486.6 million 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 a major infrastructure and renovation project in City Hall in FY 2020 – 2021, four fire station rebuilds, and construction of one new fire station in the Beauregard Corridor (paid for primarily through developer contributions) in FY 2015 – 2021. Funding for capacity related projects for Alexandria City Public Schools (ACPS) is budgeted at $149.5 million over the 10-year plan, and totals $279.1 million when including Category 1 projects.

For all the projects that are funded in the CIP, there still remains a number of identified capital investments which are not funded in the plan due to the lack of 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 Proposed CIP. These costs could reach $250 million - $400 million over the next two to three decades, and will be reflected in future CIPs as the City gets further along in the planning process. Additionally, funding for full implementation of construction of the project elements of the Waterfront Small Area Plan is not included in the Proposed CIP, as specific revenue sources have not yet been identified to pay for these projects. Major improvements to the City's park system identified through an internal and external planning process are also not included as part of the 10-year plan.

Proposed FY 2015 – FY 2024 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 2015) 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 2015 – FY 2024

In developing the Proposed FY 2015 – 2024 CIP, there were some general guidelines followed in developing the balanced 10-year plan. These guidelines included:

- Using the City Council Approved FY 2014 – 2023 CIP as the "base" for the City Manager's Proposed FY 2014 – 2023 CIP;
- Incorporating City Council guidance into the plan;
- Working to align projects with our City's Strategic Plan and City Manager's Performance Plan with an emphasis on preserving and maintaining our City's existing physical assets;
- Utilizing new NVTA funding to improve our transportation and transit infrastructure; and
- Utilizing project prioritization and rankings to inform funding decisions.

The FY 2015 CIP builds upon process improvements implemented during the FY 2014 budget process.

FY 2015 – 2024 Capital Improvement Program Development

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 the City Manager's Performance Plan.

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** – standards project submission designed to collect relevant information used in the assist in the evaluation of the projects.
- **Transparency** – allow the public and departments to better understand how funding decision 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 2015 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.

Several other initiatives implemented in FY 2014 were continued and improved in FY 2015. The individual project expenditure budget is now accompanied by an individual "Sources and Uses" table on each project description page. Each project now has a specific funding source(s) assigned. Additionally, for Category 2 and 3 projects, the total project budget is now shown, as opposed to in prior years where only the unallocated balance was provided. For these projects, it is most important to know the total amount of capital investment associated with the project.

For Category 1 projects, the unallocated balance along with the current allocated balance is displayed on each project page. For these annual maintenance of effort projects, it provides a snapshot of prior year resources available to complete on-going capital maintenance needs. Projects which have large prior year balances may have funding reprioritized in the early years of the 10-year plans until project implementation rates suggest the need for additional funding.

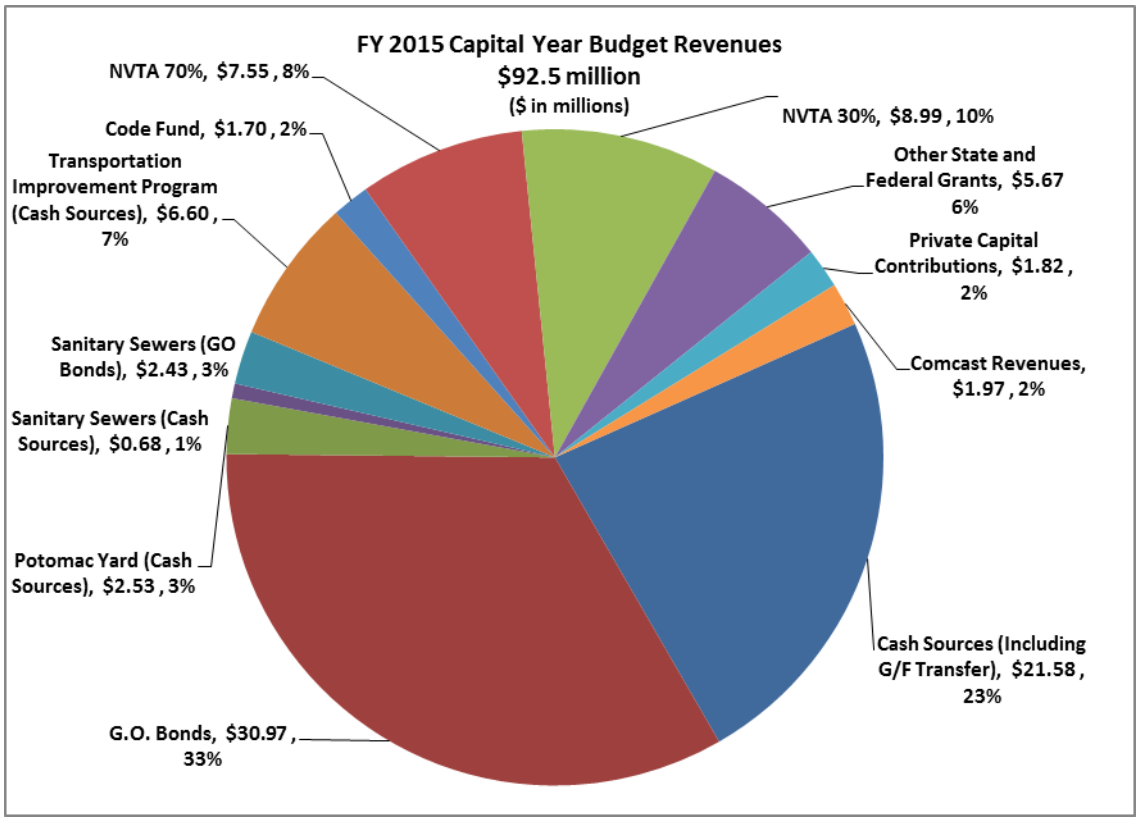
Other initiatives implemented in FY 2015 included the addition of detailed information regarding project budget changes from last year's plan to this year's plan, along with additional operating impacts associated with the implementation of capital projects are provided on each individual project page.

Proposed FY 2015 – FY 2024 Capital Improvement Program Overview

FY 2015 PROPOSED CIP SOURCES AND USES

FY 2015 Capital Year Budget Revenues (Sources)

The total Proposed CIP for FY 2015 is $92.5 million, which is a $24.7 million decrease from FY 2015 in last year's planned CIP. **A listing of all revenues included in the FY 2015 capital year budget can be found in Section 5 of the Proposed Capital Improvement Program document.**



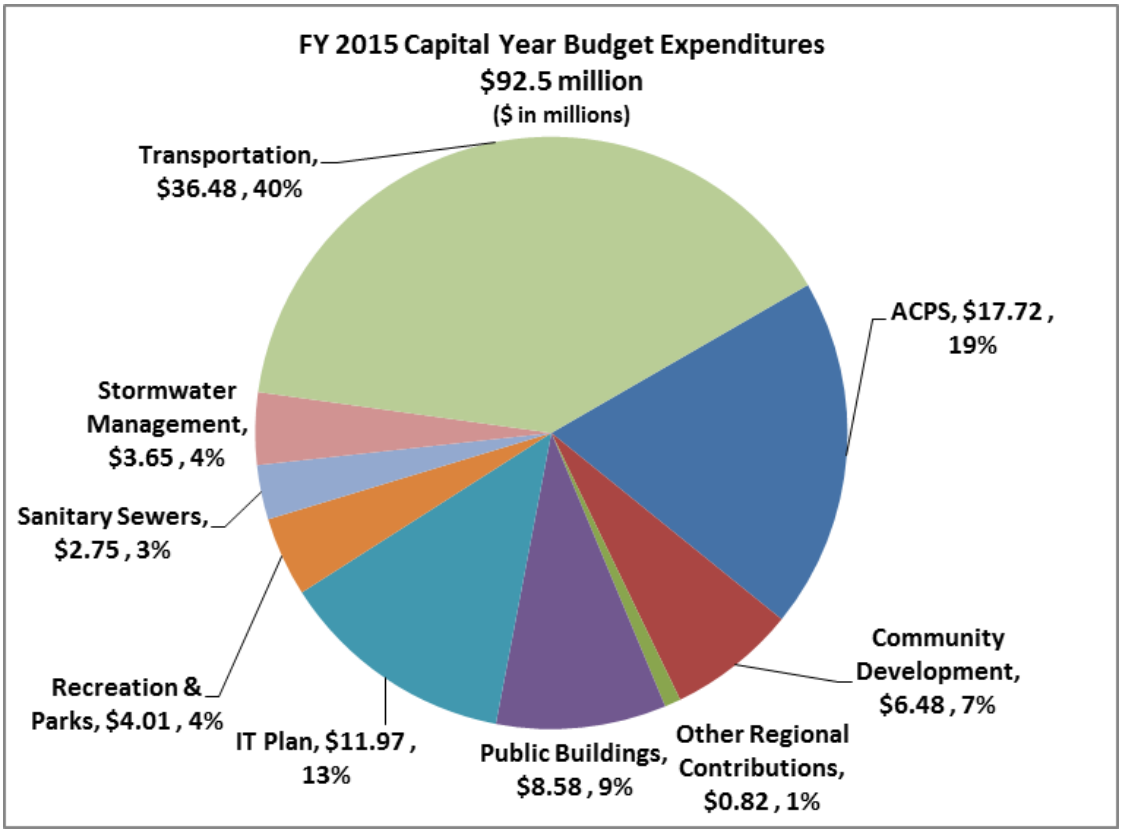
Revenue highlights of the Proposed FY 2015 Capital Year Budget expenditures include:

- A reduction of $45.8 million in General Obligation Bond borrowing as planned in last year's approved CIP for FY 2015. The total amount of borrowing is reduced from $79.2 million to $33.4 million. This is primarily due to shifting the City Hall project out to FY 2020 – 2021 and moving construction funding for the K-8 Patrick Henry capacity project to FY 2016. Additionally, new NVTA funding was used in place of planned borrowing. This reduction in borrowing saved nearly $2.0 million in planned debt service costs that would have been included in the General Fund operating budget for FY 2015.
- The level of Cash Capital is fairly consistent with last year's planned. Prior year project balances from projects that will be closed out are utilized as a FY 2015 cash source, totaling $3.0 million along with an $18.1 million General Fund Cash Capital transfer.
- NVTA 70% and 30% revenue is budgeted at $16.54 million, and includes appropriation of funds received in FY 2014 and planned in FY 2015.

Proposed FY 2015 – FY 2024 Capital Improvement Program Overview

FY 2015 Capital Year Budget Expenditures (Uses)

The total Proposed CIP expenditures for FY 2015 is $92.5 million, which is a $24.7 million decrease from FY 2015 in last year's planned CIP. FY 2015 is the only year of the 10-year CIP that is formally appropriated by City Council. **A listing of all projects included in the FY 2015 capital year budget can be found in Section 4 of the Proposed Capital Improvement Program document.** The narrative below details only FY 2015 Capital Year Budget highlights by CIP document section.



Project highlights of the Proposed FY 2015 Capital Year Budget expenditures include:

- **Transportation ($36.48 million FY 2015 Capital Year Budget)**
  - $7.8 million for DASH bus replacement and expansion, from NVTA 70% and NVTA 30% funding.
  - $5.4 million for contributions to WMATA's capital program.
  - $5.0 million for continued planning and design of the Potomac Yard Metrorail Station, from NVTA 70% and Potomac Yard Special Tax District revenues.
  - $4.5 million for Street reconstruction and resurfacing, increasing lane miles resurfaced by 82%, from an estimated 22 miles in FY 2014 to approximately 40 miles in FY 2015.

- **Alexandria City Public Schools ($17.72 million FY 2015 Capital Year Budget)**
  - Includes $11.0 million for non-capacity projects such as roof replacements and HVAC improvements.
  - Provides $6.7 for capacity related projects including continuing planning and design for a capacity related project at Patrick Henry.

Proposed FY 2015 – FY 2024 Capital Improvement Program Overview

- **Information Technology Plan ($11.97 million FY 2015 Capital Year Budget)**
  - A relocation of the City's Network Operations Center (NOC) from a leased space to a City-owned facility was added during the FY 2015 budget development process. A total of $6.5 million is budgeted for this relocation.

- **Public Buildings ($8.58 million FY 2015 Capital Year Budget)**
  - $3.2 million is budgeted for improvements at Public Safety facilities including planning and design funding for a rebuild of Fire Station 203 (Cameron Mills).
  - $1.0 million is provided for systematic roof replacements and elevator improvements City-wide.

- **Community Development ($6.48 million FY 2015 Capital Year Budget)**
  - City Marina Waterfront dredging is budgeted at $2.55 million (in addition to $0.45 million in FY 2014).
  - Funds to continue design and engineering for Waterfront Small Area Plan implementation projects are budgeted at $1.4 million.
  - The second year of funding required to replace Fire Department Self-Contained Breathing Apparatus (SCBA) is budgeted at $1.3 million (in addition to $1.4 million in FY 2014).

- **Sanitary Sewers and Stormwater Management ($6.4 million FY 2015 Capital Year Budget)**
  - A stormwater infrastructure project at Lake Cook which will assist the City in meeting federally mandated stormwater improvements is budgeted at $2.4 million, which includes a $1.2 million State grant.
  - $2.25 million is budgeted for preliminary design and engineering for a Wet Weather Management Facility to reduce the occurrence of sewer overflows.

- **Recreation and Parks ($4.01 million FY 2015 Capital Year Budget)**
  - Design and engineering will begin on the Windmill Hill Park Bulkhead using $1.2 million in prior year balances and $0.3 million in FY 2015. Construction funding of $3.7 million is planned in FY 2016.
  - Preliminary design work in conjunction with ACPS will continue for a new Patrick Henry Recreation Center. A total of $0.8 million in FY 2014 and FY 2015 will be utilized for planning and design work, with the balance of funding needed to complete the project ($5.7 million) planned in FY 2016.

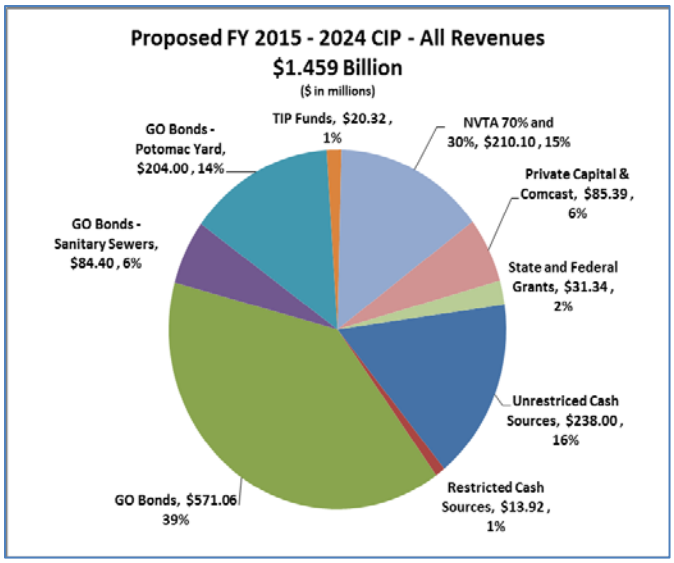
- **Other Regional Contributions ($0.82 million FY 2015 Capital Year Budget)**
  - Contributions for capital improvements for Northern Virginia Regional Parks Authority (NVRPA) projects are budgeted at $0.38 million.
  - Contributions for capital improvements at Northern Virginia Community College (NVCC) are budgeted at $0.33 million.

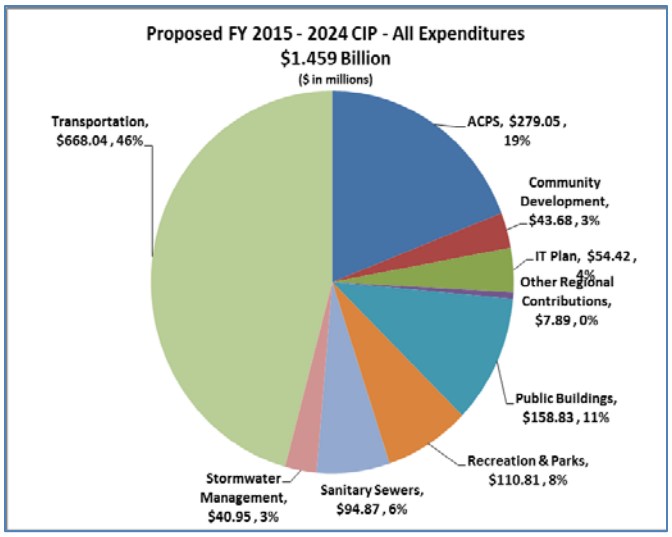
Proposed FY 2015 – FY 2024 Capital Improvement Program Overview

FY 2015 – 2024 PROPOSED CIP SOURCES AND USES

FY 2015 – 2024 Capital Improvement Program – Sources and Uses Overview

The total Proposed CIP for FY 2015 – 2024 is $1.459 billion a $230.5 million increase over last year's approved CIP. While this represents an 18.8% increase over last year's plan, the planned level of Cash Capital and General Obligation Bond borrowing is fairly consistent when comparing the two plans. The increase is primarily due to new revenue received from NVTA as well as private capital contributions budgeted for the first time for transportation improvements in the Beauregard Corridor. A listing of all projects and revenues sources included in the 10-year plan can be found throughout the Proposed FY 2015 - 2024 Capital Improvement Program document. The narrative below provides only highlights of the 10-year plan revenues and expenditures.





FY 2015 – 2024 Revenue highlights include:

- A reduction of $61.3 million in borrowing associated with the Potomac Yard Metrorail Station due to new NVTA 70% which may be available for the project beginning FY 2017.
- With the new opportunities provided by the NVTA funding, the City has moved from a 29.4% cash sources / 70.6% borrowing structure in last year's CIP to a 41.1% cash sources / 58.9% borrowing structure in this year's 10-year plan.
- NVTA 70% and 30% provide additional cash sources to the City, allowing the City to reduce planned borrowing and provide additional resources to expanded transportation infrastructure.
- Private developer contributions for transportation and other City facilities in the Beauregard Corridor are included at over $74 million, for the first time, in the CIP.

FY 201 5 – 2024 Project highlights include:

- Continuation of the Potomac Yard Metrorail Station project, with $279.0 budgeted in FY 2015 – 2017 (total estimated project costs including prior year funding are $285.9).
- Funding for Alexandria City Public Schools total $279.1 million, and includes $149.5 million to address capacity related needs over the life of the 10-year plan.
- Sanitary Sewer and Stormwater funding totals $135.8 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 2 – 3 decades.
- Four fire station rebuilds and a construction of a new fire station in the Beauregard Corridor are included in the plan at a total estimated cost of $60.4 million.

DEBT SERVICE AND DEBT RATIOS

The Proposed FY 2015 – 2024 Capital Improvement Program assumes $859.4 million in borrowing to fund the capital infrastructure needs identified throughout this Capital Improvement program document. Included in that amount is $204.0 million in bonds for the Potomac Yard Metrorail Station backed by Potomac Yard Special Tax District Revenues, and $84.4 million in bonds for Sanitary Sewer projects backed by the Sewer Line Maintenance Fee and Sewer Line Connection Fees. A total of $571.1 million in bonds are issued for other City projects, including Alexandria City Public Schools capital infrastructure needs. The debt service on these bonds is paid back through the City's General Funds. Based on prior reviews by, and discussions with Moody's and Standard & Poor's bond rating agencies, this amount of debt is not anticipated to endanger the City's hard-earned 'AAA'/'Aaa' bond ratings. This amount of investment will impact the annual operating budget, through increased debt service payments.

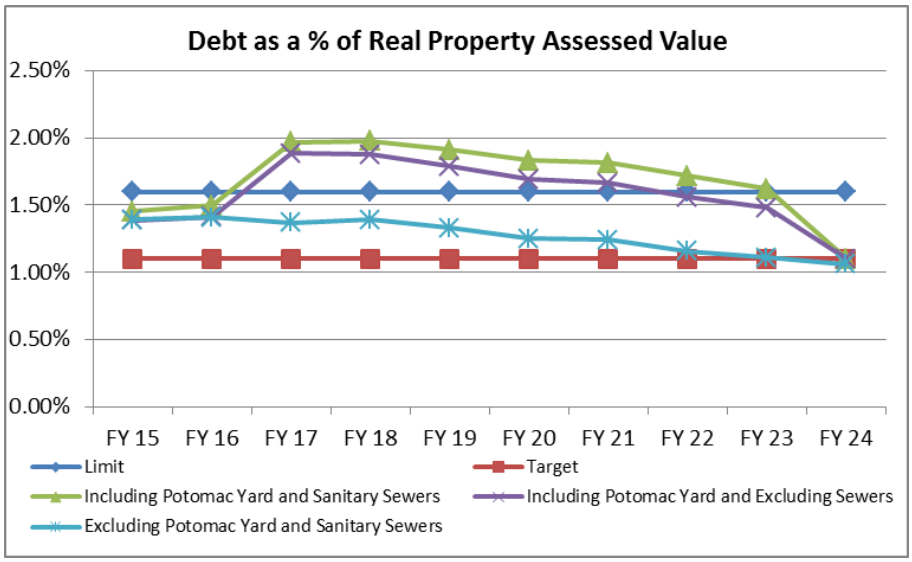
City Council passed a set of debt-related financial policies on June 9, 1987. During FY 1998, the Budget and Fiscal Affairs Advisory Committee (BFAAC), a City Council appointed citizen committee, analyzed these debt-related financial policies, and examined the City's financial condition in comparison 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 to account for Potomac Yard Metrorail Station borrowing.</u> Revisions to the debt rations guideline will be proposed during FY 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 make this a high-priority project for the City.

Proposed FY 2015 – FY 2024 Capital Improvement Program Overview

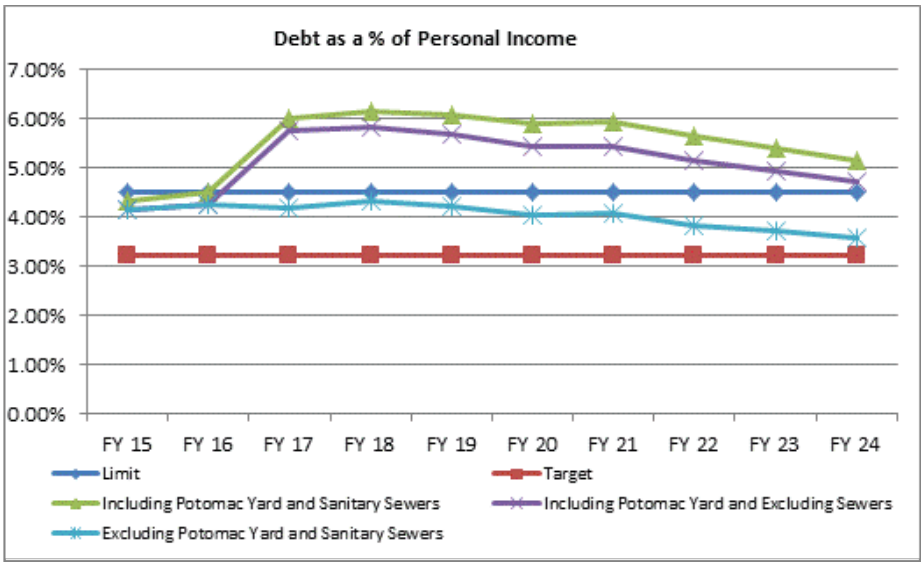
City Council Debt Limits



Debt as a Percentage of Fair Market Real Property Value

Target = 1.1 percent; Limit = 1.6 percent; FY 2015 = 1.39 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.



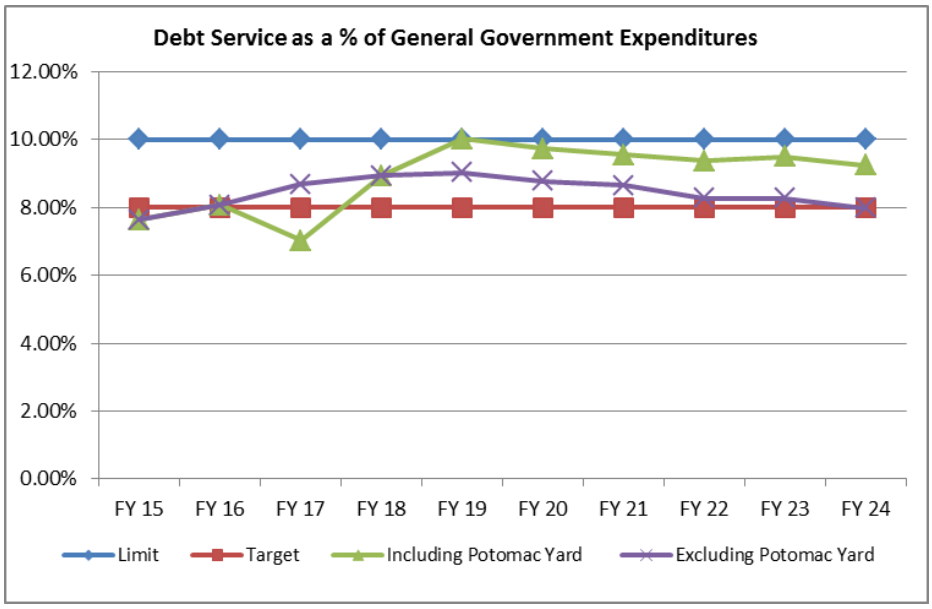
Debt as a Percentage of Total Personal Income

Target = 3.2 percent; Limit = 4.5 percent; FY 2015 = 4.13 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. The City is in compliance with this debt ratio for all 10 years of the plan excluding Potomac Yard Metrorail Station debt.

Proposed FY 2015 – FY 2024 Capital Improvement Program Overview

City Council Debt Limits (Continued)



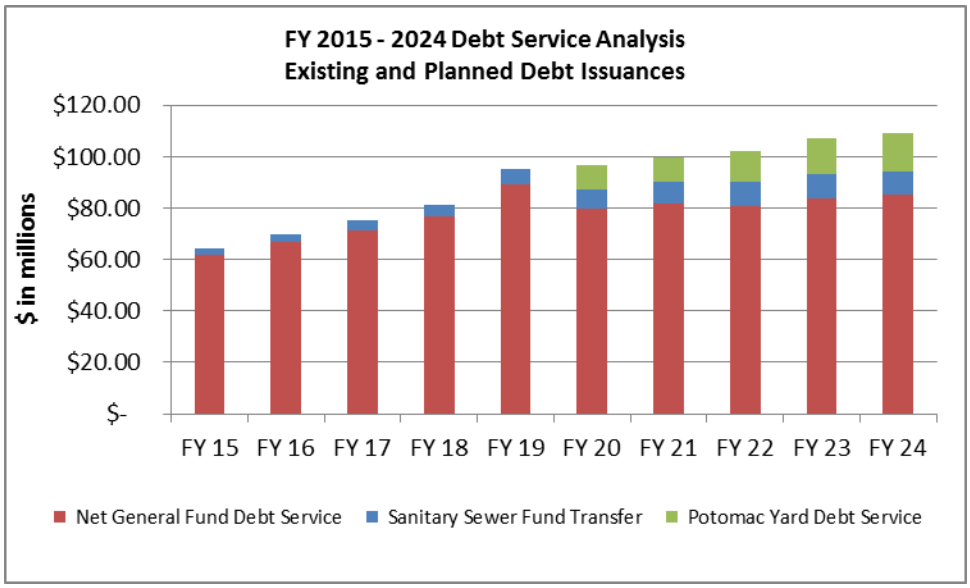
Debt Service as a Percentage of General Government Expenditures

Target = 8.0 percent; Limit = 10.0 percent; FY 2015 = 7.64 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.

Debt Service

While the City stays within the fiscally prudent self-imposed debt guidelines (excluding future 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 the debt service continues to grow (as evident 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 information on the projected debt service payments for both existing debt (issued through FY 2014) and planned debt (FY 2015 through FY 2024). Debt service is broken down into three categories – General Debt Service, Sanitary Sewer Debt Service, and Potomac Yard Debt Service. In FY 2015, $64.4 million is budgeted for debt service payments, of which $2.55 million will be paid from the Sanitary Sewer Fund. Potomac Yard Debt Service does not begin until FY 2019.

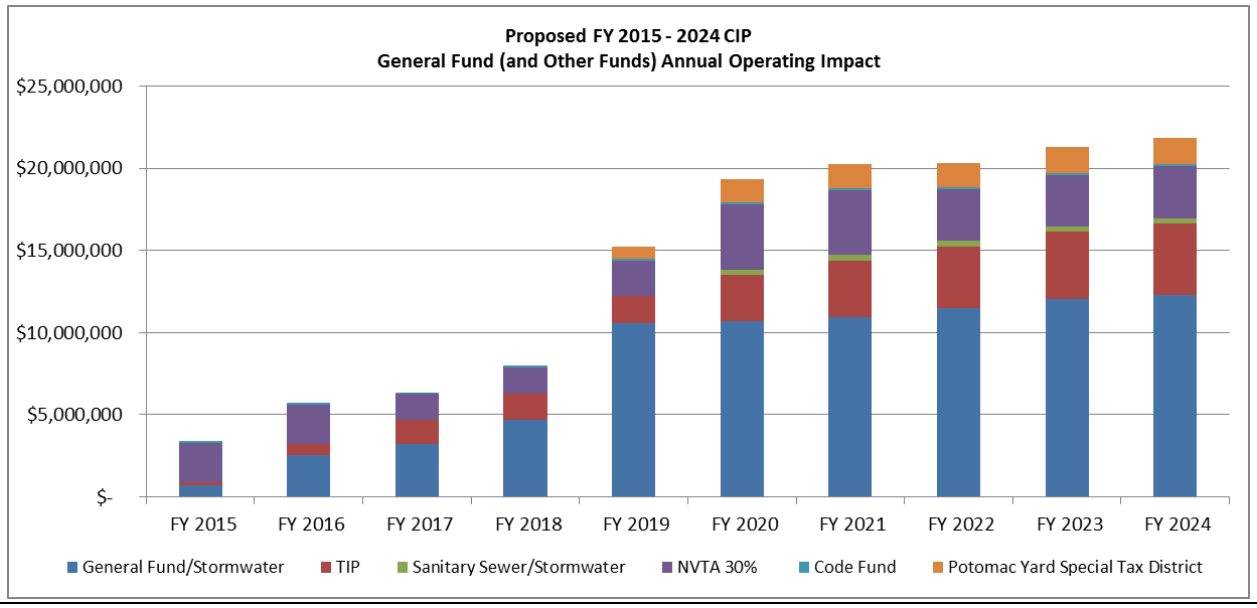


ADDITIONAL OPERATING IMPACT

In addition to the General Fund impacts of both the Cash Capital transfer and debt service payments, the CIP also has operating impacts based on the actual projects implemented. These costs can be as simple as additional operating funding to maintain new Complete Streets infrastructure, 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 2015 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. The additional operating impact is intended to capture only the change from FY 2014 to FY 2015 associated with implementing a capital project.

Project	Funding Source	FY 2015
Route 1 Transitway	TIP	2,420,000
Computer Aided Dispatch (CAD) System	Gen. Fund	426,495
Oronoco Outfall	Stormwater	150,000
Enterprise Resource Planning System	Gen. Fund	147,000
Fire Station 210 (Eisenhower Valley) / Impound Lot	Gen. Fund	140,160
Permit Processing System	Code Fund	100,000
Transportation Signage & Wayfinding Program	TIP	61,047
Bus Shelters and Benches	TIP	40,000
Capital Bikeshare	TIP	31,000
City Marina Restrooms	Gen. Fund	25,000
Total, All Projects and Funds		**3,540,702**
Total, General Fund Only		**738,655**

As part of the Proposed FY 2015 – 2024 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 posted against the general fund, the estimated impact to the General Fund (with Stormwater costs included) could be as much as $12.3 million annually in FY 2024. **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.



ECO-CITY INITIATIVE AND THE CIP

The Proposed FY 2015 – 2024 CIP is well aligned and consistent with the goals of the City's sustainability initiative "Eco-City Alexandria" as well as those of City Council's Strategic Plan. The guiding principles of the Eco-City Charter relate to the areas of Land Use and Open Space, Water Resources, Air Quality, Transportation, Energy, Green Building, Solid Waste, Environment and Health, Emerging Threats, and Implementation. Goals and specific actions were developed for each of these principles which became the City's Environmental Action Plan 2030. The City's CIP is not only congruous and compatible with the City's Eco-City Charter and Environmental Action Plan, it furthers the implementation of the actions specified in the Action Plan.

Transit and Transportation Infrastructure projects of the CIP such as Dedicated High-Capacity Transitways, DASH Bus fleet replacement, Hybrid Bus/Trolley Battery Packs, Bus Shelters, Bike Trails and WMATA Capital contributions are in harmony with the principles related to Transportation, Air Quality, Environment and Health and Energy as articulated in the Eco-City Charter and Goal No. 3 of the Strategic Plan.

Projects such as the Open Space Acquisition and Development (funding stream re-established), and Tree and Shrub Capital Maintenance are consistent with Goal No. 2 of the Strategic Plan.

Storm and Sanitary Sewer projects, although primarily grey infrastructure projects, protect environmental resources and match the principles of Water Resources, Environment and Health. These projects include Four Mile Run Sanitary Sewer Repairs, Citywide Sewershed Infiltration and Inflow, and Holmes Run Trunk Sewer. Additionally, two projects are added included in the Proposed FY 2015 – 2024 CIP, AlexRenew Wastewater Treatment Plant Expansion and a Wet Weather Treatment Facility, which will expand system capacity to prevent sanitary sewer backups while minimizing the impacts of sanitary sewer discharge. Projects related to the Combined Sewer system, including Sewer Separation projects, not only improve existing infrastructure, but also the environment. These projects help the City stay in compliance with environmental regulatory requirements.

Projects involving energy management and retrofitting of existing street lights and traffic lights with LED technology support the goals of Energy, Emerging Threat (Climate Change) and Air Quality principles, in addition to those of the Environment and Health principle. The City’s Energy Management project continues to provide an annual funding stream for energy efficient upgrades to City facility infrastructure.

The Proposed FY 2015 – 2024 CIP supports the Eco-City Charter and Environmental Action Plan with continued funding both now and well into the future.

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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 the City Manager's Performance Plan (CMPP). 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 & City Manager's Performance Plan" 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 2015 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 Proposed FY 2015 – 2024 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.

City Manager's Performance Plan

The City Manager's Performance Plan (CMPP) defines the performance expectations for the City Government and outlines the strategy to achieve the City's Strategic Plan and deliver results that the community values. It helps departments, programs, and employees better understand how their work contributes to achieving a shared vision for the City, and informs decision makers when determining where to invest City resources. The plan is crucial for realizing the first of the City's Four Guiding Principles, aligning work with the strategic plan.

The CMPP 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 of the CMPP, 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

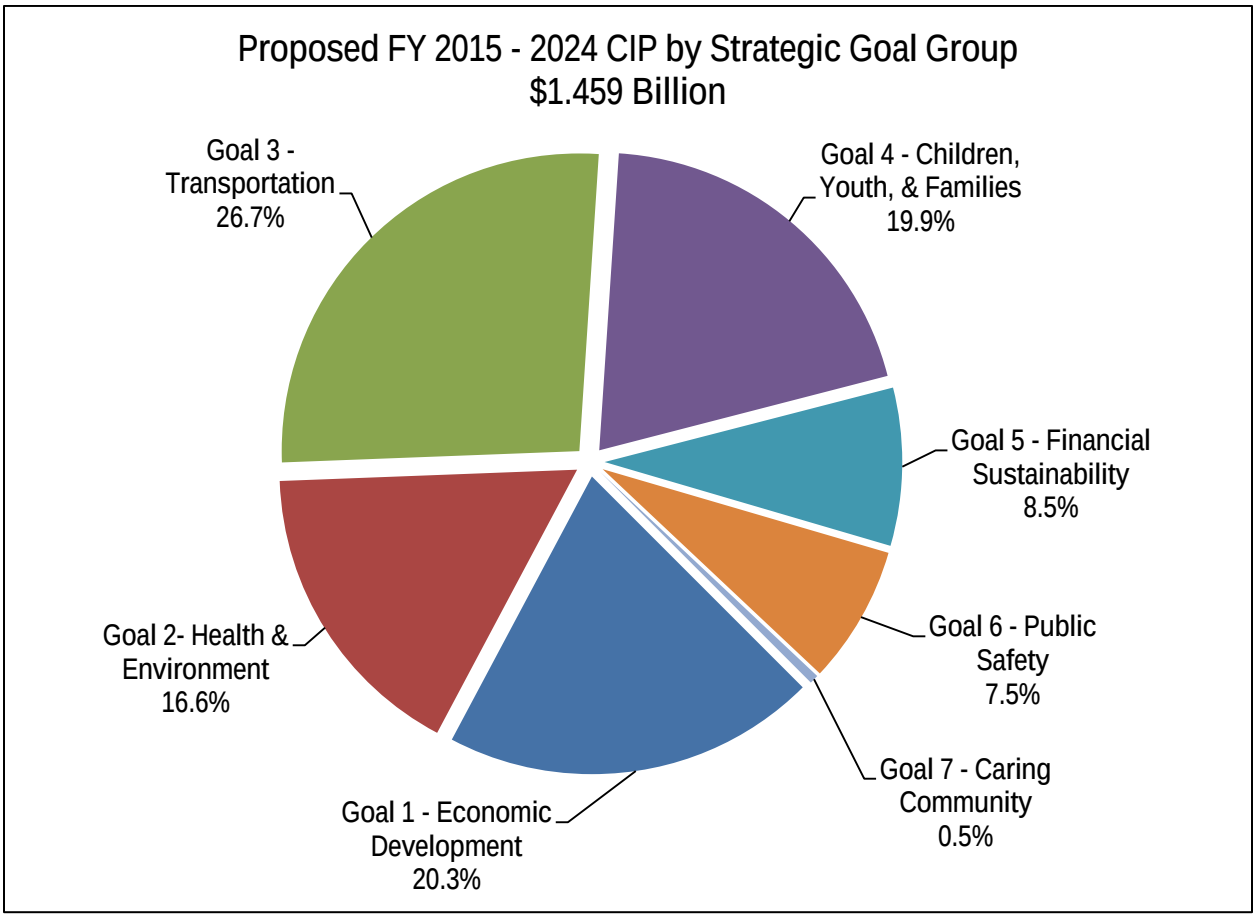
- Reduce harm to people and property from fire
- Reduce crime
- Increase survivability from medical emergencies and traumatic injuries
- Reduce harm to people or property from disasters
- Reduce harm to people or property from building failures

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

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

Proposed FY 2015 – 2024 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 Proposed FY 2015 -2024 CIP totals $1.459 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
Proposed FY 2015 – 2024 Capital Improvement Program
Capital Improvement Program Projects by Strategic Plan Goal

Strategic Plan Goal Summary	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Goal 1 - Economic Development	$11,695,831	$5,359,000	$270,900,000	$746,000	$1,317,000	$5,376,000	$135,000	$135,000	$135,000	$135,000	$295,933,831
Goal 2- Health & Environment	$10,337,197	$18,418,976	$29,362,819	$28,388,976	$29,553,976	$33,093,976	$29,743,976	$27,468,976	$16,268,976	$19,503,976	$242,141,824
Goal 3 - Transportation	$31,307,000	$25,580,000	$63,399,000	$60,126,000	$61,603,000	$35,025,000	$19,850,000	$25,025,000	$27,525,000	$39,425,000	$388,865,000
Goal 4 - Children, Youth, & Families	$18,752,447	$45,020,441	$21,851,019	$50,901,536	$24,373,405	$15,412,166	$15,518,427	$23,413,020	$37,537,184	$37,969,453	$290,749,098
Goal 5 - Financial Sustainability	$14,430,700	$8,243,000	$8,388,000	$6,243,000	$5,565,000	$15,846,000	$45,774,000	$6,757,000	$6,780,000	$6,560,000	$124,586,700
Goal 6 - Public Safety	$5,546,108	$15,645,085	$5,626,506	$25,696,000	$22,710,000	$5,571,000	$13,254,000	$4,168,000	$3,660,000	$7,243,000	$109,119,699
Goal 7 - Caring Community	$395,000	$560,000	$610,000	$667,500	$717,500	$767,500	$817,500	$867,500	$867,500	$867,500	$7,137,500
Total, All Goals	$92,464,283	$118,826,502	$400,137,344	$172,769,012	$145,839,881	$111,091,642	$125,092,903	$87,834,496	$92,773,660	$111,703,929	$1,458,533,652

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

Strategic Plan Goal/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Goal 1 - Economic Development											
Community Development											
Braddock Road Area Plan - Streetscape Improvements	$255,831	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$660,831
City Marina Waterfront Dredging	$3,000,000	$0	$0	$0	$500,000	$5,000,000	$0	$0	$0	$0	$8,500,000
King Street Plan Implementation	$0	$150,000	$250,000	$250,000	$250,000	$0	$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	$1,400,000	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$2,000,000
IT Plan											
Permit Processing	$1,700,000	$29,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,729,000
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	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$900,000
City Marina Restrooms	$75,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$75,000
Transportation											
Parking Study	$150,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$150,000
Potomac Yard Metrorail Station	$5,025,000	$4,000,000	$270,000,000	$0	$0	$0	$0	$0	$0	$0	$279,025,000
Goal 1 - Economic Development Total	$11,695,831	$5,359,000	$270,900,000	$746,000	$1,317,000	$5,376,000	$135,000	$135,000	$135,000	$135,000	$295,933,831

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

Strategic Plan Goal/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
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	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
IT Plan											
DCHS HIPAA Data Security Compliance	$0	$25,000	$25,000	$25,000	$30,000	$30,000	$0	$0	$0	$0	$135,000
DCHS Payment System Replacement	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Recreation Database System	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Other Regional Contributions											
Northern Virginia Regional Park Authority (NVRPA)	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$3,759,760
Public Buildings											
Energy Management Program	$600,000	$650,000	$455,000	$495,000	$550,000	$550,000	$650,000	$750,000	$850,000	$635,000	$6,185,000
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	$0	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$261,000
Aquatics Facilities TBD	$0	$0	$0	$5,000,000	$0	$0	$0	$0	$0	$0	$5,000,000
Athletic Field Improvements (incl. Synthetic Turf)	$0	$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	$16,110,000
Athletic Field Restroom Renovations	$20,000	$225,000	$225,000	$225,000	$205,000	$0	$0	$0	$0	$0	$900,000
Ball Court Renovations	$0	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,350,000
Boothe Park and Playground Renovation	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Braddock Area Plan Park	$855,221	$0	$403,843	$0	$0	$0	$0	$0	$0	$0	$1,259,064
Chinquapin Aquatics Center (Renovations w/ Competition Pool)	$0	$4,500,000	$15,000,000	$0	$0	$0	$0	$0	$0	$0	$19,500,000
East Del Ray Avenue Pocket Park (Phase II)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Open Space Acquisition and Develop.	$0	$800,000	$1,500,000	$0	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$26,300,000
Park Renovations CFMP	$238,000	$338,000	$338,000	$438,000	$438,000	$438,000	$438,000	$438,000	$438,000	$438,000	$3,980,000
Playground Renovations CFMP	$650,000	$750,000	$500,000	$550,000	$600,000	$650,000	$650,000	$700,000	$700,000	$700,000	$6,450,000
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
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	$176,000	$226,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$3,010,000
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

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

Strategic Plan Goal/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Sanitary Sewers											
AlexRenew Wastewater Treatment Plant Capacity	$0	$0	$0	$0	$0	$11,070,000	$11,400,000	$11,750,000	$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	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Combined Sewer Separation Projects	$0	$200,000	$200,000	$600,000	$200,000	$200,000	$600,000	$200,000	$200,000	$600,000	$3,000,000
Combined Sewer System (CSS) Permit Compliance	$0	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$2,700,000
Four Mile Run Sanitary Sewer Repair	$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
King & West Combined Sewer Diversion Structure	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Reconstructions & Extensions of Sanitary Sewers	$0	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$8,100,000
Sewer Assessment & Rehabilitation	$0	$0	$0	$0	$3,700,000	$2,550,000	$2,550,000	$0	$0	$0	$8,800,000
Wet Weather Management Facility	$2,250,000	$2,250,000	$0	$8,750,000	$9,000,000	$0	$0	$0	$0	$0	$22,250,000
Stormwater Management											
Cameron Station Pond Retrofit	$0	$0	$500,000	$1,500,000	$1,500,000	$0	$0	$0	$0	$0	$3,500,000
City Facilities Stormwater Best Management Practices (BMPs)	$0	$400,000	$1,100,000	$0	$0	$0	$0	$0	$0	$0	$1,500,000
Four Mile Run Channel Maintenance	$0	$0	$0	$600,000	$0	$0	$0	$0	$600,000	$0	$1,200,000
Ft. Ward Stormwater	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Green Infrastructure in CSO Areas	$700,000	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,200,000
Lake Cook Stormwater Management	$2,400,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,400,000
MS4-TMDL Compliance Water Quality Imprv.	$0	$0	$400,000	$500,000	$500,000	$3,000,000	$3,000,000	$3,500,000	$3,500,000	$7,000,000	$21,400,000
NPDES / MS4 Permit	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Storm Sewer Capacity Assessment	$0	$0	$0	$0	$0	$475,000	$475,000	$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	$550,000	$1,200,000	$1,200,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$6,100,000
Taylor Run at Janney's Lane	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Goal 2- Health & Environment Total	$10,337,197	$18,418,976	$29,362,819	$28,388,976	$29,553,976	$33,093,976	$29,743,976	$27,468,976	$16,268,976	$19,503,976	$242,141,824

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

Strategic Plan Goal/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Goal 3 - Transportation											
Transportation											
Access to Transit	$60,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$60,000
Backlick Run Multi-Use Paths	$0	$0	$0	$200,000	$3,000,000	$0	$0	$0	$0	$0	$3,200,000
Bicycle Parking at Major Transit Stops	$0	$50,000	$500,000	$0	$100,000	$100,000	$0	$0	$0	$0	$750,000
BRAC Neighborhood Protection Plan	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Braddock Rd. Metro Multimodal Connections	$0	$0	$0	$500,000	$0	$0	$0	$0	$0	$0	$500,000
Bridge Repairs	$875,000	$300,000	$700,000	$300,000	$700,000	$300,000	$700,000	$300,000	$700,000	$300,000	$5,175,000
Bus Shelters and Benches	$1,550,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,550,000
Cameron & Prince Bicycle Facilities	$0	$300,000	$0	$0	$0	$0	$0	$0	$0	$0	$300,000
Capital Bikeshare	$484,000	$0	$500,000	$750,000	$300,000	$320,000	$0	$0	$0	$0	$2,354,000
Citywide Transportation Management System (SCOOT/TDi)	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Complete Streets	$1,000,000	$900,000	$900,000	$900,000	$1,240,000	$900,000	$900,000	$900,000	$900,000	$900,000	$9,440,000
DASH Bus Fleet Expansion	$3,250,000	$0	$0	$3,900,000	$1,300,000	$2,600,000	$0	$2,600,000	$0	$0	$13,650,000
DASH Bus Fleet Replacements (Since FY 2011)	$4,550,000	$3,900,000	$5,200,000	$2,600,000	$3,900,000	$0	$3,900,000	$7,150,000	$9,100,000	$5,850,000	$46,150,000
Edsall and South Pickett Pedestrian Imprv.	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Eisenhower Avenue Roadway Improvements	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Fixed Transportation Equipment	$490,000	$850,000	$850,000	$1,450,000	$850,000	$850,000	$850,000	$850,000	$2,350,000	$850,000	$10,240,000
High Street Construction	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$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	$200,000	$350,000	$400,000	$200,000	$0	$0	$0	$0	$0	$1,250,000
Intelligent Transportation Systems (ITS) Integration	$2,450,000	$1,975,000	$0	$0	$0	$0	$0	$0	$0	$0	$4,425,000
King & Beauregard Intersection Improvements	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000
King Street Metrorail Station Area Improvements	$0	$0	$382,000	$382,000	$382,000	$0	$0	$0	$0	$0	$1,146,000
King/Quaker Lane/Braddock Rd. Intersection	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Landmark Transit Station	$0	$0	$0	$0	$0	$0	$0	$0	$600,000	$5,400,000	$6,000,000
Madison & Montgomery Reconstruction	$1,100,000	$0	$6,325,000	$0	$0	$0	$0	$0	$0	$0	$7,425,000
Mt. Vernon Ave/Russell Road Intersection	$250,000	$1,250,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,500,000
Mt. Vernon Trail @ East Abingdon	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Old Cameron Run Trail	$0	$500,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$3,500,000
Parking Technologies	$0	$0	$0	$110,000	$200,000	$0	$0	$0	$0	$0	$310,000
Pedestrian & Bicycle Master Plan Update	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Route 1 @ E. Reed Intersection Improvements	$350,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$350,000
Route 1 Transitway	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000

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

Strategic Plan Goal/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Safe Routes to Schools	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Seminary Road at Beauregard Street Ellipse	$1,175,000	$0	$0	$3,500,000	$16,200,000	$16,700,000	$0	$0	$0	$0	$37,575,000
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	$500,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$3,200,000
South Eisenhower Metrorail Station - South Entrance	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Street Reconstruction & Resurfacing of Major Roads	$4,493,000	$3,975,000	$5,200,000	$4,200,000	$4,750,000	$5,125,000	$4,350,000	$4,725,000	$4,725,000	$4,725,000	$46,268,000
Transit Corridor "A" - Crystal City/Potomac Yard Streetcars	$0	$0	$0	$0	$0	$0	$3,000,000	$0	$0	$0	$3,000,000
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	$250,000	$0	$0	$0	$0	$210,000	$0	$2,100,000	$2,000,000	$15,000,000	$19,560,000
Transit Corridor "C" - Beauregard	$100,000	$5,000,000	$32,592,000	$33,534,000	$21,831,000	$500,000	$0	$0	$0	$0	$93,557,000
Transit Corridor "C" Transit Priority	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transportation Technologies	$0	$250,000	$250,000	$0	$250,000	$0	$0	$250,000	$0	$250,000	$1,250,000
Van Dorn Metro Multimodal Bridge	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$500,000
Van Dorn Metrorail Station Area Imprv.	$0	$0	$500,000	$1,250,000	$0	$0	$0	$0	$0	$0	$1,750,000
Van Dorn/Beauregard Bicycle Facilities	$0	$0	$0	$0	$250,000	$1,270,000	$0	$0	$0	$0	$1,520,000
Wilkes Street Bikeway	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
WMATA Capital Contributions	$5,380,000	$5,530,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$55,310,000
Goal 3 - Transportation Total	$31,307,000	$25,580,000	$63,399,000	$60,126,000	$61,603,000	$35,025,000	$19,850,000	$25,025,000	$27,525,000	$39,425,000	$388,865,000

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

Strategic Plan Goal/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Goal 4 - Children, Youth, & Families											
ACPS											
ACPS Total Capacity Funding	$6,670,365	$27,550,000	$9,512,678	$38,896,799	$12,400,000	$500,000	$500,000	$8,500,000	$22,500,000	$22,500,000	$149,529,842
ACPS Total Non-Capacity Funding	$11,045,452	$11,258,279	$11,677,457	$11,475,094	$11,439,966	$14,374,892	$14,477,281	$14,367,962	$14,488,176	$14,916,455	$129,521,014
Other Regional Contributions											
Northern Virginia Community College (NVCC)	$331,630	$372,162	$375,884	$379,643	$383,439	$387,274	$391,146	$395,058	$399,008	$402,998	$3,818,242
Public Buildings											
Library CFMP	$220,000	$175,000	$285,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,730,000
Recreation & Parks											
Patrick Henry Recreation Center	$485,000	$5,665,000	$0	$0	$0	$0	$0	$0	$0	$0	$6,150,000
Goal 4 - Children, Youth, & Families Total	$18,752,447	$45,020,441	$21,851,019	$50,901,536	$24,373,405	$15,412,166	$15,518,427	$23,413,020	$37,537,184	$37,969,453	$290,749,098

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

Strategic Plan Goal/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Goal 5 - Financial Sustainability											
Community Development											
Gadsby Lighting Fixtures & Poles Replacement	$0	$0	$75,000	$0	$75,000	$0	$75,000	$0	$75,000	$0	$300,000
IT Plan											
AJIS Enhancements	$131,000	$73,000	$40,000	$40,000	$40,000	$150,000	$0	$0	$0	$0	$474,000
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	$580,000	$100,000	$50,000	$25,000	$25,000	$100,000	$25,000	$25,000	$25,000	$955,000
Database Infrastructure	$0	$40,000	$40,000	$40,000	$40,000	$40,000	$0	$0	$0	$0	$200,000
Document Imaging	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Electronic Government	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Email, Messaging, and Conferencing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Employee Pension Administration System	$0	$0	$0	$300,000	$50,000	$0	$0	$0	$175,000	$25,000	$550,000
Enterprise Collaboration (Including AlexStat Hardware & Software)	$290,000	$40,000	$40,000	$40,000	$40,000	$40,000	$0	$0	$0	$0	$490,000
Enterprise Data Storage Infrastructure	$150,000	$200,000	$400,000	$400,000	$300,000	$200,000	$0	$0	$0	$0	$1,650,000
Enterprise Maintenance Mgmt System	$0	$100,000	$130,000	$100,000	$40,000	$40,000	$40,000	$0	$0	$0	$450,000
Enterprise Resource Planning System	$75,000	$100,000	$100,000	$100,000	$100,000	$100,000	$0	$0	$0	$0	$575,000
Finance Payment Kiosk	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Ford Ward INET	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
GIS Development	$230,000	$160,000	$190,000	$0	$100,000	$0	$0	$0	$0	$0	$680,000
Handheld Data Collection Devices	$0	$0	$0	$25,000	$0	$0	$0	$0	$0	$0	$25,000
Information Technology Equipment Replacement	$200,000	$200,000	$200,000	$400,000	$620,000	$620,000	$0	$0	$0	$0	$2,240,000
Information Technology Lump Sum Funding	$0	$0	$0	$0	$0	$500,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$16,500,000
IT Enterprise Management System	$0	$50,000	$150,000	$20,000	$20,000	$100,000	$0	$0	$0	$0	$340,000
LAN Development	$0	$15,000	$15,000	$25,000	$25,000	$25,000	$0	$0	$0	$0	$105,000
LAN/WAN Infrastructure	$370,000	$260,000	$260,000	$260,000	$260,000	$260,000	$0	$0	$0	$0	$1,670,000
Municipal Fiber	$50,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$50,000
Network Operations Center (NOC) Relocation	$6,500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$6,500,000
Network Security	$200,000	$250,000	$225,000	$225,000	$225,000	$225,000	$0	$0	$0	$0	$1,350,000
Network Server Infrastructure	$300,000	$500,000	$400,000	$175,000	$175,000	$500,000	$0	$0	$0	$0	$2,050,000
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	$0	$560,000	$160,000	$0	$0	$340,000	$0	$0	$0	$0	$1,060,000
Purchasing System Upgrade	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Real Estate Account Receivable System	$0	$0	$325,000	$60,000	$0	$0	$0	$120,000	$0	$0	$505,000
Real Estate Assessment System (CAMA)	$0	$0	$0	$30,000	$600,000	$200,000	$0	$0	$0	$0	$830,000
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	$200,000	$150,000	$175,000	$200,000	$200,000	$200,000	$0	$0	$0	$0	$1,125,000
Voice Over Internet Protocol	$500,000	$450,000	$150,000	$350,000	$150,000	$150,000	$0	$0	$0	$0	$1,750,000

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

Strategic Plan Goal/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Public Buildings											
Adult Detention Center HVAC Replacement	$980,700	$0	$0	$0	$0	$0	$0	$0	$0	$0	$980,700
Building Physical Conditions Assessment	$233,000	$173,000	$200,000	$95,000	$0	$0	$0	$100,000	$100,000	$100,000	$1,001,000
Burn Building - Smoke Stack Demolition	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
City Hall HVAC & Infrastructure Replacement	$0	$0	$0	$0	$0	$9,000,000	$38,500,000	$0	$0	$0	$47,500,000
Courthouse Renovations - HVAC and CFMP	$500,000	$250,000	$250,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$2,050,000
Elevator Replacement/Refurbishment	$675,000	$1,040,000	$115,000	$0	$200,000	$800,000	$0	$0	$0	$0	$2,830,000
Fleet Facility - Lift Replacement	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
General Services CFMP	$1,100,000	$1,100,000	$1,100,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$13,800,000
Health Dept Garage Concrete Deck & Parking Restoration	$900,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$900,000
Roof Replacement Program	$366,000	$780,000	$200,000	$358,000	$0	$126,000	$754,000	$0	$215,000	$0	$2,799,000
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											
City Marina Seawalls	$0	$255,000	$1,445,000	$0	$0	$0	$0	$0	$0	$0	$1,700,000
City Marina Utility Upgrades	$0	$187,000	$1,063,000	$0	$0	$0	$0	$0	$0	$0	$1,250,000
Park Maintenance Facilities	$0	$0	$30,000	$210,000	$0	$0	$0	$0	$0	$0	$240,000
Goal 5 - Financial Sustainability Total	$14,430,700	$8,243,000	$8,388,000	$6,243,000	$5,565,000	$15,846,000	$45,774,000	$6,757,000	$6,780,000	$6,560,000	$124,586,700

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

Strategic Plan Goal/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Goal 6 - Public Safety											
Community Development											
Citywide Street Lighting	$0	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$225,000
Fire Department Vehicles & Apparatus	$354,000	$1,487,000	$1,378,000	$874,000	$2,852,000	$3,446,000	$2,009,000	$2,583,000	$2,500,000	$6,000,000	$23,483,000
Replacement of Self Contained Breathing Apparatus	$1,323,370	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,323,370
IT Plan											
Computer Aided Dispatch (CAD) System Replacement	$230,000	$366,000	$635,000	$315,000	$1,411,000	$265,000	$0	$0	$0	$0	$3,222,000
EMS Records Management System	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Fire Radios	$394,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$394,000
Fire Records Management Project	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Radio Network Upgrade	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Remote Radio Technology	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Other Regional Contributions											
Peumansend Creek Regional Jail	$109,738	$104,085	$98,506	$0	$0	$0	$0	$0	$0	$0	$312,329
Public Buildings											
City Hall Security Enhancements	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency Generators	$945,000	$232,000	$580,000	$400,000	$25,000	$25,000	$207,000	$450,000	$25,000	$108,000	$2,997,000
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)	$600,000	$7,121,000	$0	$0	$0	$0	$0	$0	$0	$0	$7,721,000
Fire Station 205 (Cameron Street)	$0	$0	$0	$0	$0	$700,000	$9,903,000	$0	$0	$0	$10,603,000
Fire Station 206 (Seminary Rd)	$0	$0	$0	$700,000	$10,187,000	$0	$0	$0	$0	$0	$10,887,000
Fire Station 207 (Duke Street)	$0	$0	$700,000	$17,272,000	$0	$0	$0	$0	$0	$0	$17,972,000
Fire Station 210 (Eisenhower Valley)/Impound Lot	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Fire Station 211 (Beauregard)	$0	$0	$1,100,000	$5,000,000	$7,100,000	$0	$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	$180,000	$1,500,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,680,000
Police K-9 Facility Renovation	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Recreation & Parks											
Pavement Improvements 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
Windmill Hill Park Improvements	$300,000	$3,700,000	$0	$0	$0	$0	$0	$0	$0	$0	$4,000,000
Goal 6 - Public Safety Total	$5,546,108	$15,645,085	$5,626,506	$25,696,000	$22,710,000	$5,571,000	$13,254,000	$4,168,000	$3,660,000	$7,243,000	$109,119,699

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

Strategic Plan Goal/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Goal 7 - Caring Community											
Community Development											
Public Art Acquisition	$150,000	$200,000	$250,000	$300,000	$350,000	$400,000	$450,000	$500,000	$500,000	$500,000	$3,600,000
Public Art Conservation Program	$0	$15,000	$15,000	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$187,500
Public Buildings											
City Historic Facilities CFMP	$245,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$3,350,000
Torpedo Factory Repairs	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Goal 7 - Caring Community Total	$395,000	$560,000	$610,000	$667,500	$717,500	$767,500	$817,500	$867,500	$867,500	$867,500	$7,137,500

SUMMARY EXPENDITURE TABLES

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Table 1
Proposed FY 2015 – 2024 Capital Improvement Program
Total Sources and Uses of Capital Improvement Program Funds

Source of Funds	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL FY 2015 - 2024
All City Cash Sources (Cash Capital)											
General Fund Planned Appropriations (Transfer from General Fund)	$ 18,058,794	$ 22,826,065	$ 22,260,064	$ 21,932,575	$ 23,096,881	$ 23,337,642	$ 23,259,904	$ 24,011,496	$ 24,603,660	$ 24,303,929	$ 227,691,010
Prior Year CIP/Projects Closed-Out	$ 3,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,000,000
General Obligation Bond Interest Earnings	$ 300,000	$ 400,000	$ 500,000	$ 600,000	$ 700,000	$ 700,000	$ 700,000	$ 700,000	$ 700,000	$ 700,000	$ 6,000,000
Sale of Property Revenue	$ -	$ 440,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 440,000
Other Base City Sources	$ 216,437	$ 216,437	$ 216,437	$ 216,437	$ -	$ -	$ -	$ -	$ -	$ -	$ 865,748
Subtotal, All Unrestricted City Cash Sources	$ 21,575,231	$ 23,882,502	$ 22,976,501	$ 22,749,012	$ 23,796,881	$ 24,037,642	$ 23,959,904	$ 24,711,496	$ 25,303,660	$ 25,003,929	$ 237,996,758
Unrestricted Borrowing Sources											
*General Obligation Bonds (Excl. Sewers/TIP)	$ 30,971,000	$ 68,490,000	$ 53,158,000	$ 82,369,000	$ 52,790,000	$ 45,959,000	$ 79,083,000	$ 41,823,000	$ 57,320,000	$ 59,100,000	$ 571,063,000
Subtotal, All Unrestricted City Sources	*$ 52,546,231*	*$ 92,372,502*	*$ 76,134,501*	*$ 105,118,012*	*$ 76,586,881*	*$ 69,996,642*	*$ 103,042,904*	*$ 66,534,496*	*$ 82,623,660*	*$ 84,103,929*	*$ 809,059,758*
Restricted City Sources											
Transfer from Code Enterprise Fund	$ 1,700,000	$ 29,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,729,000
Sanitary Sewer Fees	$ 675,000	$ 300,000	$ 200,000	$ 510,000	$ 655,000	$ 1,675,000	$ 1,955,000	$ -	$ 700,000	$ -	$ 6,670,000
General Obligation Bonds - Sanitary Sewers	$ 2,425,000	$ 6,600,000	$ 3,575,000	$ 13,115,000	$ 14,445,000	$ 16,070,000	$ 12,520,000	$ 13,150,000	$ 700,000	$ 1,800,000	$ 84,400,000
Cash Capital - Transportation Improvement Program	$ 3,050,000	$ 2,000,000	$ 2,655,000	$ 2,550,000	$ 2,640,000	$ 650,000	$ 325,000	$ 1,150,000	$ 1,250,000	$ 500,000	$ 16,770,000
Reprogrammed Transportation Improvement Program Balances	$ 3,550,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,550,000
General Obligation Bonds - Potomac Yard Metrorail Station	$ -	$ -	$ 204,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 204,000,000
Potomac Yard Special Tax District/Development Contributions	$ 2,525,000	$ 3,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,525,000
Subtotal, Restricted City Sources	*$ 13,925,000*	*$ 11,929,000*	*$ 210,430,000*	*$ 16,175,000*	*$ 17,740,000*	*$ 18,395,000*	*$ 14,800,000*	*$ 14,300,000*	*$ 2,650,000*	*$ 2,300,000*	*$ 322,644,000*
Non-City Sources											
Comcast Revenues	$ 1,970,000	$ 1,300,000	$ 1,300,000	$ 1,300,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,870,000
Stormwater Local Assistance Fund	$ 1,200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,200,000
Private Capital Contributions	$ 1,816,052	$ 2,600,000	$ 16,103,843	$ 21,000,000	$ 21,300,000	$ 16,700,000	$ -	$ -	$ -	$ -	$ 79,519,895
NVTA 70%	$ 7,550,000	$ 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	$ 165,000,000
NVTA 30%	$ 8,985,000	$ 4,200,000	$ 5,207,640	$ 5,207,640	$ 3,907,640	$ 2,600,000	$ 3,250,000	$ 3,900,000	$ 3,900,000	$ 3,900,000	$ 45,057,920
Reprogrammed VDOT Funds	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,000,000
CMAQ/RSTP	$ 3,034,000	$ 2,025,000	$ 3,095,000	$ 1,560,000	$ 3,600,000	$ 2,190,000	$ -	$ -	$ -	$ -	$ 15,504,000
New Freedom Grant	$ 320,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 320,000
State Revenue Sharing	$ 118,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 9,118,000
Urban Funds	$ -	$ -	$ 1,126,360	$ 1,408,360	$ 1,705,360	$ -	$ -	$ -	$ -	$ -	$ 4,240,080
Subtotal, Non-City Sources	*$ 25,993,052*	*$ 14,525,000*	*$ 113,572,843*	*$ 51,476,000*	*$ 51,513,000*	*$ 22,700,000*	*$ 7,250,000*	*$ 7,000,000*	*$ 7,500,000*	*$ 25,300,000*	*$ 326,829,895*
Total, All Sources	$ 92,464,283	$ 118,826,502	$ 400,137,344	$ 172,769,012	$ 145,839,881	$ 111,091,642	$ 125,092,904	$ 87,834,496	$ 92,773,660	$ 111,703,929	$ 1,458,533,652

*General Obligation Bonds

FY 2015 - The actual General Obligation Bond amount is estimated at $35.997 million to complete borrowing ($5.026 million) for the ACPS Jefferson-Houston K-8 facility. Sanitary Sewer bonds ($2.425 million) will be budgeted, but will not be issued until FY 2016. The total planned amount of borrowing ($35.997 million) is the figure used when calculating debt ratios.

All Uses (CIP Document Section)	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL FY 2015 - 2024
Schools	$ 17,715,817	$ 38,808,279	$ 21,190,135	$ 50,371,893	$ 23,839,966	$ 14,874,892	$ 14,977,281	$ 22,867,962	$ 36,988,176	$ 37,416,455	$ 279,050,856
Community Development	$ 6,483,201	$ 2,872,000	$ 2,553,000	$ 2,027,500	$ 4,551,500	$ 9,329,500	$ 2,626,500	$ 3,325,500	$ 3,167,500	$ 6,742,500	$ 43,678,701
Recreation & Parks	$ 4,011,221	$ 18,165,000	$ 23,959,843	$ 10,768,000	$ 9,088,000	$ 8,933,000	$ 8,933,000	$ 8,983,000	$ 8,983,000	$ 8,983,000	$ 110,807,064
Public Buildings	$ 8,584,700	$ 14,651,000	$ 6,370,000	$ 27,505,000	$ 21,247,000	$ 14,386,000	$ 53,199,000	$ 4,485,000	$ 4,375,000	$ 4,028,000	$ 158,830,700
Transit & Transportation	$ 36,482,000	$ 29,580,000	$ 333,399,000	$ 60,126,000	$ 61,603,000	$ 35,025,000	$ 19,850,000	$ 25,025,000	$ 27,525,000	$ 39,425,000	$ 668,040,000
Sanitary Sewers	$ 2,750,000	$ 6,650,000	$ 3,775,000	$ 13,625,000	$ 16,950,000	$ 19,020,000	$ 15,750,000	$ 13,150,000	$ 1,400,000	$ 1,800,000	$ 94,870,000
Stormwater Management	$ 3,650,000	$ 2,400,000	$ 3,500,000	$ 3,350,000	$ 2,750,000	$ 4,225,000	$ 4,225,000	$ 4,250,000	$ 4,850,000	$ 7,750,000	$ 40,950,000
Information Technology	$ 11,970,000	$ 4,848,000	$ 4,540,000	$ 4,240,000	$ 5,051,000	$ 4,535,000	$ 4,765,000	$ 4,977,000	$ 4,710,000	$ 4,780,000	$ 54,416,000
Other Regional Contributions	$ 817,344	$ 852,223	$ 850,366	$ 755,619	$ 759,415	$ 763,250	$ 767,122	$ 771,034	$ 774,984	$ 778,974	$ 7,890,331
TOTAL ALL USES	$ 92,464,283	$ 118,826,502	$ 400,137,344	$ 172,769,012	$ 145,839,881	$ 111,091,642	$ 125,092,903	$ 87,834,496	$ 92,773,660	$ 111,703,929	$ 1,458,533,652
% FROM BONDS	36.1%	63.2%	65.2%	55.3%	46.1%	55.8%	73.2%	62.6%	62.5%	54.5%	58.9%
% FROM CITY AND OTHER CASH SOURCES	63.9%	36.8%	34.8%	44.7%	53.9%	44.2%	26.8%	37.4%	37.5%	45.5%	41.1%

Table 2
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Capital Improvement Program Expenditures – City Share

City Share of Expenditures by Program Year											
CIP Section	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Total FY 15-24
Alexandria City Public Schools	$17,715,817	$38,808,279	$21,190,135	$50,371,893	$23,839,966	$14,874,892	$14,977,281	$22,867,962	$36,988,176	$37,416,455	$279,050,856
Community Development	$6,272,370	$2,872,000	$2,553,000	$2,027,500	$4,551,500	$9,329,500	$2,626,500	$3,325,500	$3,167,500	$6,742,500	$43,467,870
Recreation & Parks	$3,156,000	$18,165,000	$21,056,000	$10,768,000	$9,088,000	$8,933,000	$8,933,000	$8,983,000	$8,983,000	$8,983,000	$107,048,000
Public Buildings	$8,584,700	$14,651,000	$5,270,000	$22,505,000	$16,147,000	$14,386,000	$53,199,000	$4,485,000	$4,375,000	$4,028,000	$147,630,700
Transportation	$14,725,000	$16,355,000	$225,130,000	$14,950,000	$15,190,000	$12,325,000	$12,600,000	$18,025,000	$20,025,000	$14,125,000	$363,450,000
Sanitary Sewers	$2,750,000	$6,650,000	$3,775,000	$13,625,000	$16,950,000	$19,020,000	$15,750,000	$13,150,000	$1,400,000	$1,800,000	$94,870,000
Stormwater Management	$2,450,000	$2,400,000	$3,500,000	$3,350,000	$2,750,000	$4,225,000	$4,225,000	$4,250,000	$4,850,000	$7,750,000	$39,750,000
IT Plan	$10,000,000	$3,548,000	$3,240,000	$2,940,000	$5,051,000	$4,535,000	$4,765,000	$4,977,000	$4,710,000	$4,780,000	$48,546,000
Other Regional Contributions	$817,344	$852,223	$850,366	$755,619	$759,415	$763,250	$767,122	$771,034	$774,984	$778,974	$7,890,331
City Share Total	$66,471,231	$104,301,502	$286,564,501	$121,293,012	$94,326,881	$88,391,642	$117,842,903	$80,834,496	$85,273,660	$86,403,929	$1,131,703,757

Table 3
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Capital Improvement Program Expenditures – Non-City Share

Non-City Share of Expenditures by Program Year											
CIP Section	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Total FY 15-24
Alexandria City Public Schools	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Community Development	$210,831	$0	$0	$0	$0	$0	$0	$0	$0	$0	$210,831
Recreation & Parks	$855,221	$0	$2,903,843	$0	$0	$0	$0	$0	$0	$0	$3,759,064
Public Buildings	$0	$0	$1,100,000	$5,000,000	$5,100,000	$0	$0	$0	$0	$0	$11,200,000
Transportation	$21,757,000	$13,225,000	$108,269,000	$45,176,000	$46,413,000	$22,700,000	$7,250,000	$7,000,000	$7,500,000	$25,300,000	$304,590,000
Sanitary Sewers	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Stormwater Management	$1,200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,200,000
IT Plan	$1,970,000	$1,300,000	$1,300,000	$1,300,000	$0	$0	$0	$0	$0	$0	$5,870,000
Other Regional Contributions	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Non-City Share Total	$25,993,052	$14,525,000	$113,572,843	$51,476,000	$51,513,000	$22,700,000	$7,250,000	$7,000,000	$7,500,000	$25,300,000	$326,829,895
City & Non-City Share Total	$92,464,283	$118,826,502	$400,137,344	$172,769,012	$145,839,881	$111,091,642	$125,092,903	$87,834,496	$92,773,660	$111,703,929	$1,458,533,652

Table 4
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Projects by CIP Document Section

Note: Projects with $0 in funding in FY 2015 - 2024 are fully funded and do not require additional resources at this time. They appear in the table below because they are still active projects with their own individual project pages in the CIP.

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
ACPS												
ACPS Total Capacity Funding	*$0*	$6,670,365	$27,550,000	$9,512,678	$38,896,799	$12,400,000	$500,000	$500,000	$8,500,000	$22,500,000	$22,500,000	$149,529,842
ACPS Total Non-Capacity Funding	*$0*	$11,045,452	$11,258,279	$11,677,457	$11,475,094	$11,439,966	$14,374,892	$14,477,281	$14,367,962	$14,488,176	$14,916,455	$129,521,014
ACPS Total	*$0*	$17,715,817	$38,808,279	$21,190,135	$50,371,893	$23,839,966	$14,874,892	$14,977,281	$22,867,962	$36,988,176	$37,416,455	$279,050,856
Community Development												
City-Wide Amenities												
Public Art Acquisition	*$150,000*	$150,000	$200,000	$250,000	$300,000	$350,000	$400,000	$450,000	$500,000	$500,000	$500,000	$3,600,000
Public Art Conservation Program	*$25,000*	$0	$15,000	$15,000	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$187,500
Transportation Signage & Wayfinding System	*$225,000*	$0	$200,000	$515,000	$361,000	$432,000	$241,000	$0	$0	$0	$0	$1,749,000
Gadsby Lighting Fixtures & Poles Replacement	*$110,000*	$0	$0	$75,000	$0	$75,000	$0	$75,000	$0	$75,000	$0	$300,000
Neighborhood Planning												
Waterfront Small Area Plan Implementation	*$495,000*	$1,400,000	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$2,000,000
Braddock Road Area Plan - Streetscape Improvements	*$377,680*	$255,831	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$660,831
King Street Plan Implementation	*$0*	$0	$150,000	$250,000	$250,000	$250,000	$0	$0	$0	$0	$0	$900,000
Waterways Maint. & Imprv.												
Four Mile Run Stream Restoration	*$1,497,005*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Oronoco Outfall	*$620,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
City Marina Waterfront Dredging	*$0*	$3,000,000	$0	$0	$0	$500,000	$5,000,000	$0	$0	$0	$0	$8,500,000
Environmental Restoration	*$378,750*	$0	$150,000	$0	$150,000	$0	$150,000	$0	$150,000	$0	$150,000	$750,000
Public Safety Enhancements												
Fire Department Vehicles & Apparatus	*$0*	$354,000	$1,487,000	$1,378,000	$874,000	$2,852,000	$3,446,000	$2,009,000	$2,583,000	$2,500,000	$6,000,000	$23,483,000
Replacement of Self Contained Breathing Apparatus	*$1,414,570*	$1,323,370	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,323,370
Citywide Street Lighting	*$0*	$0	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$225,000
Community Development Total	*$5,293,005*	$6,483,201	$2,872,000	$2,553,000	$2,027,500	$4,551,500	$9,329,500	$2,626,500	$3,325,500	$3,167,500	$6,742,500	$43,678,701

Note: Projects with $0 in funding in FY 2015 - 2024 are fully funded and do not require additional resources at this time. They appear in the table below because they are still active projects with their own individual project pages in the CIP.

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Recreation & Parks												
Park Maintenance & Improvements												
Restaurant Depot Contribution Projects	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Americans with Disabilities Act (ADA) Requirements	*$49,000*	$0	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$261,000
Ball Court Renovations	*$16,000*	$0	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,350,000
Park Renovations CFMP	*$309,000*	$238,000	$338,000	$338,000	$438,000	$438,000	$438,000	$438,000	$438,000	$438,000	$438,000	$3,980,000
Playground Renovations CFMP	*$565,000*	$650,000	$750,000	$500,000	$550,000	$600,000	$650,000	$650,000	$700,000	$700,000	$700,000	$6,450,000
Tree & Shrub Capital Maintenance	*$0*	$176,000	$226,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$3,010,000
Soft Surface Trails	*$20,000*	$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	*$177,000*	$0	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$1,152,000
Pavement Improvements in Parks	*$0*	$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	*$0*	$20,000	$225,000	$225,000	$225,000	$205,000	$0	$0	$0	$0	$0	$900,000
Windmill Hill Park Improvements	*$764,773*	$300,000	$3,700,000	$0	$0	$0	$0	$0	$0	$0	$0	$4,000,000
Park Maintenance Facilities	*$0*	$0	$0	$30,000	$210,000	$0	$0	$0	$0	$0	$0	$240,000
Athletic Field Improvements (incl. Synthetic Turf)	*$0*	$0	$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	$16,110,000
Recreation Facility Maintenance												
City Marina Maintenance	*$147,000*	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$900,000
Public Pools	*$0*	$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	*$0*	$700,000	$700,000	$700,000	$700,000	$700,000	$700,000	$700,000	$700,000	$700,000	$700,000	$7,000,000
Renovated or New Recreation Facilities												
Chinquapin Aquatics Center (Renovations w/ Competition Pool)	*$0*	$0	$4,500,000	$15,000,000	$0	$0	$0	$0	$0	$0	$0	$19,500,000
Aquatics Facilities TBD	*$0*	$0	$0	$0	$5,000,000	$0	$0	$0	$0	$0	$0	$5,000,000
Braddock Area Plan Park	*$764,773*	$855,221	$0	$403,843	$0	$0	$0	$0	$0	$0	$0	$1,259,064
Patrick Henry Recreation Center	*$0*	$485,000	$5,665,000	$0	$0	$0	$0	$0	$0	$0	$0	$6,150,000
Boothe Park and Playground Renovation	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
East Del Ray Avenue Pocket Park (Phase II)	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
City Marina Restrooms	*$0*	$75,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$75,000
City Marina Seawalls	*$0*	$0	$255,000	$1,445,000	$0	$0	$0	$0	$0	$0	$0	$1,700,000
City Marina Utility Upgrades	*$0*	$0	$187,000	$1,063,000	$0	$0	$0	$0	$0	$0	$0	$1,250,000
Open Space Acquisition & Development												
Open Space Acquisition and Develop.	*$5,354,840*	$0	$800,000	$1,500,000	$0	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$26,300,000
Recreation & Parks Total	*$8,167,386*	$4,011,221	$18,165,000	$23,959,843	$10,768,000	$9,088,000	$8,933,000	$8,933,000	$8,983,000	$8,983,000	$8,983,000	$110,807,064

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Public Buildings												
General Government Facilities												
General Services CFMP	*$151,200*	$1,100,000	$1,100,000	$1,100,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$13,800,000
Energy Management Program	*$745,000*	$600,000	$650,000	$455,000	$495,000	$550,000	$550,000	$650,000	$750,000	$850,000	$635,000	$6,185,000
Emergency Generators	*$768,000*	$945,000	$232,000	$580,000	$400,000	$25,000	$25,000	$207,000	$450,000	$25,000	$108,000	$2,997,000
Building Physical Conditions Assessment	*$0*	$233,000	$173,000	$200,000	$95,000	$0	$0	$0	$100,000	$100,000	$100,000	$1,001,000
City Hall HVAC & Infrastructure Replacement	*$1,000,000*	$0	$0	$0	$0	$0	$9,000,000	$38,500,000	$0	$0	$0	$47,500,000
City Hall Security Enhancements	*$175,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Roof Replacement Program	*$308,800*	$366,000	$780,000	$200,000	$358,000	$0	$126,000	$754,000	$0	$215,000	$0	$2,799,000
Fleet Facility - Lift Replacement	*$585,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Elevator Replacement/Refurbishment	*$0*	$675,000	$1,040,000	$115,000	$0	$200,000	$800,000	$0	$0	$0	$0	$2,830,000
Library Facilities												
Library CFMP	*$0*	$220,000	$175,000	$285,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,730,000
Preservation of Historic Facilities												
City Historic Facilities CFMP	*$345,000*	$245,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$3,350,000
Gadsby's Tavern Restaurant Kitchen Equipment	*$0*	$0	$245,000	$0	$0	$0	$0	$0	$0	$0	$0	$245,000
Torpedo Factory Repairs	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Public Health & Welfare Facilities												
Mental Health Residential Facilities CFMP	*$0*	$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*	$900,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$900,000
Public Safety Facilities												
Fire Department CFMP	*$0*	$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 210 (Eisenhower Valley)/Impound Lot	*$600,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Burn Building - Smoke Stack Demolition	*$200,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Fire Station 203 (Cameron Mills)	*$0*	$600,000	$7,121,000	$0	$0	$0	$0	$0	$0	$0	$0	$7,721,000
Fire Station 207 (Duke Street)	*$0*	$0	$0	$700,000	$17,272,000	$0	$0	$0	$0	$0	$0	$17,972,000
Fire Station 211 (Beauregard)	*$0*	$0	$0	$1,100,000	$5,000,000	$7,100,000	$0	$0	$0	$0	$0	$13,200,000
Fire Station 206 (Seminary Rd)	*$0*	$0	$0	$0	$700,000	$10,187,000	$0	$0	$0	$0	$0	$10,887,000
Fire Station 205 (Cameron Street)	*$0*	$0	$0	$0	$0	$0	$700,000	$9,903,000	$0	$0	$0	$10,603,000
Office of the Sheriff CFMP	*$0*	$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	*$0*	$500,000	$250,000	$250,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$2,050,000
Adult Detention Center HVAC Replacement	*$0*	$980,700	$0	$0	$0	$0	$0	$0	$0	$0	$0	$980,700
EOC/Public Safety Center Reuse	*$4,515,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Police K-9 Facility Renovation	*$390,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Pistol Range	*$0*	$180,000	$1,500,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,680,000
Vola Lawson Animal Shelter	*$30,000*	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$300,000
Public Buildings Total	*$9,813,000*	$8,584,700	$14,651,000	$6,370,000	$27,505,000	$21,247,000	$14,386,000	$53,199,000	$4,485,000	$4,375,000	$4,028,000	$158,830,700

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Transportation												
Public Transit												
South Eisenhower Metrorail Station - South Entrance	*$4,552,085*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
King Street Metrorail Station Area Improvements	*$6,895,878*	$0	$0	$382,000	$382,000	$382,000	$0	$0	$0	$0	$0	$1,146,000
Potomac Yard Metrorail Station	*$2,475,000*	$5,025,000	$4,000,000	$270,000,000	$0	$0	$0	$0	$0	$0	$0	$279,025,000
WMATA Capital Contributions	*$0*	$5,380,000	$5,530,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$55,310,000
Bus Shelters and Benches	*$0*	$1,550,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,550,000
DASH Bus Fleet Replacements (Since FY 2011)	*$0*	$4,550,000	$3,900,000	$5,200,000	$2,600,000	$3,900,000	$0	$3,900,000	$7,150,000	$9,100,000	$5,850,000	$46,150,000
DASH Bus Fleet Expansion	*$0*	$3,250,000	$0	$0	$3,900,000	$1,300,000	$2,600,000	$0	$2,600,000	$0	$0	$13,650,000
Hybrid Bus and Trolley Battery Pack Replacement	*$0*	$100,000	$200,000	$350,000	$400,000	$200,000	$0	$0	$0	$0	$0	$1,250,000
Van Dorn Metrorail Station Area Imprv.	*$0*	$0	$0	$500,000	$1,250,000	$0	$0	$0	$0	$0	$0	$1,750,000
Landmark Transit Station	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$600,000	$5,400,000	$6,000,000
High Capacity Transit Corridors												
Route 1 Transitway	*$0*	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000
Transit Corridor "A" - Crystal City/Potomac Yard Streetcars	*$680,000*	$0	$0	$0	$0	$0	$0	$3,000,000	$0	$0	$0	$3,000,000
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	*$0*	$250,000	$0	$0	$0	$0	$210,000	$0	$2,100,000	$2,000,000	$15,000,000	$19,560,000
Transit Corridor "C" - Beauregard	*$1,825,000*	$100,000	$5,000,000	$32,592,000	$33,534,000	$21,831,000	$500,000	$0	$0	$0	$0	$93,557,000
Transit Corridor "C" Transit Priority	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Non-Motorized Transportation												
Edsall and South Pickett Pedestrian Imprv.	*$0*	$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	$0
Pedestrian & Bicycle Master Plan Update	*$0*	$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	$0
BRAC Neighborhood Protection Plan	*$510,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Holmes Run Greenway	*$6,452,402*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Mt. Vernon Trail @ East Abingdon	*$500,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Access to Transit	*$1,548,000*	$60,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$60,000
Capital Bikeshare	*$600,000*	$484,000	$0	$500,000	$750,000	$300,000	$320,000	$0	$0	$0	$0	$2,354,000
Complete Streets	*$433,088*	$1,000,000	$900,000	$900,000	$900,000	$1,240,000	$900,000	$900,000	$900,000	$900,000	$900,000	$9,440,000
Shared-Use Paths	*$118,000*	$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	*$439,469*	$500,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$3,200,000
Parking Study	*$0*	$150,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$150,000
Bicycle Parking at Major Transit Stops	*$0*	$0	$50,000	$500,000	$0	$100,000	$100,000	$0	$0	$0	$0	$750,000
Old Cameron Run Trail	*$0*	$0	$500,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$3,500,000
Cameron & Prince Bicycle Facilities	*$0*	$0	$300,000	$0	$0	$0	$0	$0	$0	$0	$0	$300,000
Braddock Rd. Metro Multimodal Connections	*$0*	$0	$0	$0	$500,000	$0	$0	$0	$0	$0	$0	$500,000
Backlick Run Multi-Use Paths	*$0*	$0	$0	$0	$200,000	$3,000,000	$0	$0	$0	$0	$0	$3,200,000
Van Dorn/Beauregard Bicycle Facilities	*$0*	$0	$0	$0	$0	$250,000	$1,270,000	$0	$0	$0	$0	$1,520,000

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Streets & Bridges												
Street Reconstruction & Resurfacing of Major Roads	*$770,679*	$4,493,000	$3,975,000	$5,200,000	$4,200,000	$4,750,000	$5,125,000	$4,350,000	$4,725,000	$4,725,000	$4,725,000	$46,268,000
Bridge Repairs	*$1,100,000*	$875,000	$300,000	$700,000	$300,000	$700,000	$300,000	$700,000	$300,000	$700,000	$300,000	$5,175,000
King/Quaker Lane/Braddock Rd. Intersection	*$5,848,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Eisenhower Avenue Roadway Improvements	*$4,428,816*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
King & Beauregard Intersection Improvements	*$0*	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Madison & Montgomery Reconstruction	*$0*	$1,100,000	$0	$6,325,000	$0	$0	$0	$0	$0	$0	$0	$7,425,000
Seminary Road at Beauregard Street Ellipse	*$0*	$1,175,000	$0	$0	$3,500,000	$16,200,000	$16,700,000	$0	$0	$0	$0	$37,575,000
Route 1 @ E. Reed Intersection Improvements	*$0*	$350,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$350,000
Mt. Vernon Ave/Russell Road Intersection	*$0*	$250,000	$1,250,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,500,000
High Street Construction	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$500,000
Van Dorn Metro Multimodal Bridge	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$500,000
Fixed Transportation Equipment												
Fixed Transportation Equipment	*$1,010,000*	$490,000	$850,000	$850,000	$1,450,000	$850,000	$850,000	$850,000	$850,000	$2,350,000	$850,000	$10,240,000
Intelligent Transportation Systems (ITS) Integration	*$1,567,019*	$2,450,000	$1,975,000	$0	$0	$0	$0	$0	$0	$0	$0	$4,425,000
Citywide Transportation Management System (SCOOT/TDi)	*$0*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Transportation Technologies	*$550,000*	$0	$250,000	$250,000	$0	$250,000	$0	$0	$250,000	$0	$250,000	$1,250,000
Parking Technologies	*$0*	$0	$0	$0	$110,000	$200,000	$0	$0	$0	$0	$0	$310,000
Transportation Total	*$42,303,436*	$36,482,000	$29,580,000	$333,399,000	$60,126,000	$61,603,000	$35,025,000	$19,850,000	$25,025,000	$27,525,000	$39,425,000	$668,040,000
Sanitary Sewers												
King & West Combined Sewer Diversion Structure	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Holmes Run Trunk Sewer	*$5,637,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Four Mile Run Sanitary Sewer Repair	*$1,830,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Combined Sewer Overflow 001 Planning	*$0*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Wet Weather Management Facility	*$0*	$2,250,000	$2,250,000	$0	$8,750,000	$9,000,000	$0	$0	$0	$0	$0	$22,250,000
Combined Sewer System (CSS) Permit Compliance	*$1,490,690*	$0	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$2,700,000
Reconstructions & Extensions of Sanitary Sewers	*$2,095,918*	$0	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$8,100,000
Combined Sewer Separation Projects	*$1,300,000*	$0	$200,000	$200,000	$600,000	$200,000	$200,000	$600,000	$200,000	$200,000	$600,000	$3,000,000
Citywide Sewershed Infiltration & Inflow	*$9,320,000*	$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	*$450,000*	$0	$0	$0	$0	$3,700,000	$2,550,000	$2,550,000	$0	$0	$0	$8,800,000
AlexRenew Wastewater Treatment Plant Capacity	*$500,000*	$0	$0	$0	$0	$0	$11,070,000	$11,400,000	$11,750,000	$0	$0	$34,220,000
Sanitary Sewers Total	*$22,623,608*	$2,750,000	$6,650,000	$3,775,000	$13,625,000	$16,950,000	$19,020,000	$15,750,000	$13,150,000	$1,400,000	$1,800,000	$94,870,000

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Stormwater Management												
Ft. Ward Stormwater	*$460,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Taylor Run at Janney's Lane	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
NPDES / MS4 Permit	*$34,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Four Mile Run Channel Maintenance	*$1,610,000*	$0	$0	$0	$600,000	$0	$0	$0	$0	$600,000	$0	$1,200,000
Storm Sewer Capacity Assessment	*$0*	$0	$0	$0	$0	$0	$475,000	$475,000	$0	$0	$0	$950,000
Green Infrastructure in CSO Areas	*$300,000*	$700,000	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,200,000
Stream & Channel Maintenance	*$618,750*	$550,000	$1,200,000	$1,200,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$6,100,000
MS4-TMDL Compliance Water Quality Imprv.	*$800,000*	$0	$0	$400,000	$500,000	$500,000	$3,000,000	$3,000,000	$3,500,000	$3,500,000	$7,000,000	$21,400,000
Storm Sewer System Spot Improvements	*$2,734,113*	$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*	$2,400,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,400,000
Cameron Station Pond Retrofit	*$0*	$0	$0	$500,000	$1,500,000	$1,500,000	$0	$0	$0	$0	$0	$3,500,000
City Facilities Stormwater Best Management Practices (BMPs)	*$0*	$0	$400,000	$1,100,000	$0	$0	$0	$0	$0	$0	$0	$1,500,000
Stormwater Management Total	*$6,556,863*	$3,650,000	$2,400,000	$3,500,000	$3,350,000	$2,750,000	$4,225,000	$4,225,000	$4,250,000	$4,850,000	$7,750,000	$40,950,000
Other Regional Contributions												
Northern Virginia Community College (NVCC)	*$0*	$331,630	$372,162	$375,884	$379,643	$383,439	$387,274	$391,146	$395,058	$399,008	$402,998	$3,818,242
Northern Virginia Regional Park Authority (NVRPA)	*$0*	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$3,759,760
Peumansend Creek Regional Jail	*$0*	$109,738	$104,085	$98,506	$0	$0	$0	$0	$0	$0	$0	$312,329
Other Regional Contributions Total	*$0*	$817,344	$852,223	$850,366	$755,619	$759,415	$763,250	$767,122	$771,034	$774,984	$778,974	$7,890,331
IT Plan												
Public Access Development												
Customer Relationship Management System	*$100,000*	$0	$580,000	$100,000	$50,000	$25,000	$25,000	$100,000	$25,000	$25,000	$25,000	$955,000
Electronic Government	*$317,340*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Financial Systems												
Employee Pension Administration System	*$0*	$0	$0	$0	$300,000	$50,000	$0	$0	$0	$175,000	$25,000	$550,000
Enterprise Resource Planning System	*$500,000*	$75,000	$100,000	$100,000	$100,000	$100,000	$100,000	$0	$0	$0	$0	$575,000
Finance Payment Kiosk	*$10,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Handheld Data Collection Devices	*$25,000*	$0	$0	$0	$25,000	$0	$0	$0	$0	$0	$0	$25,000
Personal Property Tax System	*$100,000*	$0	$0	$90,000	$460,000	$0	$0	$0	$0	$60,000	$280,000	$890,000
Purchasing System Upgrade	*$15,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Real Estate Account Receivable System	*$0*	$0	$0	$325,000	$60,000	$0	$0	$0	$120,000	$0	$0	$505,000
Real Estate Assessment System (CAMA)	*$0*	$0	$0	$0	$30,000	$600,000	$200,000	$0	$0	$0	$0	$830,000
Phone, Web, Portable Device Payment Portals	*$0*	$0	$560,000	$160,000	$0	$0	$340,000	$0	$0	$0	$0	$1,060,000
Business Tax System/Reciprocity Contractor System	*$149,000*	$0	$0	$90,000	$0	$0	$0	$100,000	$382,000	$0	$0	$572,000
Geographic Information Systems												
GIS Development	*$70,000*	$230,000	$160,000	$190,000	$0	$100,000	$0	$0	$0	$0	$0	$680,000

Note: Projects with $0 in funding in FY 2015 - 2024 are fully funded and do not require additional resources at this time. They appear in the table below because they are still active projects with their own individual project pages in the CIP.

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Network Services												
Connectivity Initiatives	*$0*	$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	*$18,000*	$0	$40,000	$40,000	$40,000	$40,000	$40,000	$0	$0	$0	$0	$200,000
Enterprise Data Storage Infrastructure	*$300,000*	$150,000	$200,000	$400,000	$400,000	$300,000	$200,000	$0	$0	$0	$0	$1,650,000
Ford Ward INET	*$40,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
IT Enterprise Management System	*$0*	$0	$50,000	$150,000	$20,000	$20,000	$100,000	$0	$0	$0	$0	$340,000
LAN Development	*$90,000*	$0	$15,000	$15,000	$25,000	$25,000	$25,000	$0	$0	$0	$0	$105,000
LAN/WAN Infrastructure	*$725,000*	$370,000	$260,000	$260,000	$260,000	$260,000	$260,000	$0	$0	$0	$0	$1,670,000
Municipal Fiber	*$0*	$50,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$50,000
Network Server Infrastructure	*$300,000*	$300,000	$500,000	$400,000	$175,000	$175,000	$500,000	$0	$0	$0	$0	$2,050,000
Remote Access	*$0*	$0	$250,000	$150,000	$150,000	$150,000	$75,000	$75,000	$0	$0	$0	$850,000
Upgrade Work Station Operating Systems	*$0*	$200,000	$150,000	$175,000	$200,000	$200,000	$200,000	$0	$0	$0	$0	$1,125,000
Network Security	*$0*	$200,000	$250,000	$225,000	$225,000	$225,000	$225,000	$0	$0	$0	$0	$1,350,000
Voice Over Internet Protocol	*$375,000*	$500,000	$450,000	$150,000	$350,000	$150,000	$150,000	$0	$0	$0	$0	$1,750,000
Information Technology Equipment Replacement	*$0*	$200,000	$200,000	$200,000	$400,000	$620,000	$620,000	$0	$0	$0	$0	$2,240,000
Email, Messaging, and Conferencing	*$75,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Information Technology Lump Sum Funding	*$0*	$0	$0	$0	$0	$0	$500,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$16,500,000
Network Operations Center (NOC) Relocation	*$0*	$6,500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$6,500,000
Enterprise Collaboration (Including AlexStat Hardware & Software)	*$200,000*	$290,000	$40,000	$40,000	$40,000	$40,000	$40,000	$0	$0	$0	$0	$490,000
Other System Development Projects												
DCHS HIPAA Data Security Compliance	*$0*	$0	$25,000	$25,000	$25,000	$30,000	$30,000	$0	$0	$0	$0	$135,000
DCHS Payment System Replacement	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Enterprise Maintenance Mgmt System	*$117,000*	$0	$100,000	$130,000	$100,000	$40,000	$40,000	$40,000	$0	$0	$0	$450,000
Permit Processing	*$905,600*	$1,700,000	$29,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,729,000
Recreation Database System	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Public Safety Systems												
AJIS Enhancements	*$151,000*	$131,000	$73,000	$40,000	$40,000	$40,000	$150,000	$0	$0	$0	$0	$474,000
EMS Records Management System	*$21,500*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Fire Radios	*$0*	$394,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$394,000
Fire Records Management Project	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Radio Network Upgrade	*$61,237*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Remote Radio Technology	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Computer Aided Dispatch (CAD) System Replacement	*$3,000,000*	$230,000	$366,000	$635,000	$315,000	$1,411,000	$265,000	$0	$0	$0	$0	$3,222,000
Document Management												
Document Imaging	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
IT Plan Total	*$7,665,677*	$11,970,000	$4,848,000	$4,540,000	$4,240,000	$5,051,000	$4,535,000	$4,765,000	$4,977,000	$4,710,000	$4,780,000	$54,416,000
Grand Total	*$102,422,975*	$92,464,283	$118,826,502	$400,137,344	$172,769,012	$145,839,881	$111,091,642	$125,092,903	$87,834,496	$92,773,660	$111,703,929	$1,458,533,652

Table 5
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Projects by Project Category

Category	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Category 1 - Asset Management Total	$37,304,796	$40,035,502	$42,148,823	$37,393,213	$40,341,881	$40,925,642	$43,304,903	$46,187,496	$50,043,660	$48,403,929	$426,089,845
Category 2 - Renovations/Existing Assets Total	$8,554,070	$10,517,000	$12,183,000	$10,450,000	$7,405,000	$20,850,000	$41,200,000	$300,000	$750,000	$300,000	$112,509,070
Category 3 - New Facilities Total	$34,635,417	$63,426,000	$341,265,521	$120,685,799	$93,042,000	$44,781,000	$35,823,000	$36,370,000	$37,270,000	$58,220,000	$865,518,737
IT Plan Total	$11,970,000	$4,848,000	$4,540,000	$4,240,000	$5,051,000	$4,535,000	$4,765,000	$4,977,000	$4,710,000	$4,780,000	$54,416,000
Grand Total	$92,464,283	$118,826,502	$400,137,344	$172,769,012	$145,839,881	$111,091,642	$125,092,903	$87,834,496	$92,773,660	$111,703,929	$1,458,533,652

Note: Projects with $0 in funding in FY 2015 - 2024 are fully funded and do not require additional resources at this time. 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 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Category 1											
ACPS											
ACPS Total Non-Capacity Funding	$11,045,452	$11,258,279	$11,677,457	$11,475,094	$11,439,966	$14,374,892	$14,477,281	$14,367,962	$14,488,176	$14,916,455	$129,521,014
Community Development											
Fire Department Vehicles & Apparatus	$354,000	$1,487,000	$1,378,000	$874,000	$2,852,000	$3,446,000	$2,009,000	$2,583,000	$2,500,000	$6,000,000	$23,483,000
Gadsby Lighting Fixtures & Poles Replacement	$0	$0	$75,000	$0	$75,000	$0	$75,000	$0	$75,000	$0	$300,000
Public Art Conservation Program	$0	$15,000	$15,000	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$187,500
Recreation & Parks											
Americans with Disabilities Act (ADA) Requirements	$0	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$261,000
Ball Court Renovations	$0	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,350,000
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
Park Renovations CFMP	$238,000	$338,000	$338,000	$438,000	$438,000	$438,000	$438,000	$438,000	$438,000	$438,000	$3,980,000
Pavement Improvements 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
Playground Renovations CFMP	$650,000	$750,000	$500,000	$550,000	$600,000	$650,000	$650,000	$700,000	$700,000	$700,000	$6,450,000
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
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	$176,000	$226,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$3,010,000
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

Note: Projects with $0 in funding in FY 2015 - 2024 are fully funded and do not require additional resources at this time. 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 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Public Buildings											
Building Physical Conditions Assessment	$233,000	$173,000	$200,000	$95,000	$0	$0	$0	$100,000	$100,000	$100,000	$1,001,000
City Historic Facilities CFMP	$245,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$3,350,000
Elevator Replacement/Refurbishment	$675,000	$1,040,000	$115,000	$0	$200,000	$800,000	$0	$0	$0	$0	$2,830,000
Emergency Generators	$945,000	$232,000	$580,000	$400,000	$25,000	$25,000	$207,000	$450,000	$25,000	$108,000	$2,997,000
Energy Management Program	$600,000	$650,000	$455,000	$495,000	$550,000	$550,000	$650,000	$750,000	$850,000	$635,000	$6,185,000
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	$1,100,000	$1,100,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$13,800,000
Library CFMP	$220,000	$175,000	$285,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,730,000
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
Roof Replacement Program	$366,000	$780,000	$200,000	$358,000	$0	$126,000	$754,000	$0	$215,000	$0	$2,799,000
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	$875,000	$300,000	$700,000	$300,000	$700,000	$300,000	$700,000	$300,000	$700,000	$300,000	$5,175,000
DASH Bus Fleet Replacements (Since FY 2011)	$4,550,000	$3,900,000	$5,200,000	$2,600,000	$3,900,000	$0	$3,900,000	$7,150,000	$9,100,000	$5,850,000	$46,150,000
Fixed Transportation Equipment	$490,000	$850,000	$850,000	$1,450,000	$850,000	$850,000	$850,000	$850,000	$2,350,000	$850,000	$10,240,000
Hybrid Bus and Trolley Battery Pack Replacement	$100,000	$200,000	$350,000	$400,000	$200,000	$0	$0	$0	$0	$0	$1,250,000
Parking Study	$150,000	$0	$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	$500,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$3,200,000
Street Reconstruction & Resurfacing of Major Roads	$4,493,000	$3,975,000	$5,200,000	$4,200,000	$4,750,000	$5,125,000	$4,350,000	$4,725,000	$4,725,000	$4,725,000	$46,268,000
WMATA Capital Contributions	$5,380,000	$5,530,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$55,310,000
Sanitary Sewers											
Combined Sewer System (CSS) Permit Compliance	$0	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$2,700,000
Reconstructions & Extensions of Sanitary Sewers	$0	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$8,100,000
Stormwater Management											
Storm Sewer Capacity Assessment	$0	$0	$0	$0	$0	$475,000	$475,000	$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	$550,000	$1,200,000	$1,200,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$6,100,000
Other Regional Contributions											
Northern Virginia Community College (NVCC)	$331,630	$372,162	$375,884	$379,643	$383,439	$387,274	$391,146	$395,058	$399,008	$402,998	$3,818,242
Northern Virginia Regional Park Authority (NVRPA)	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$3,759,760
Peumansend Creek Regional Jail	$109,738	$104,085	$98,506	$0	$0	$0	$0	$0	$0	$0	$312,329
Category 1 Total	$37,304,796	$40,035,502	$42,148,823	$37,393,213	$40,341,881	$40,925,642	$43,304,903	$46,187,496	$50,043,660	$48,403,929	$426,089,845

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Category/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Category 2											
Community Development											
City Marina Waterfront Dredging	$3,000,000	$0	$0	$0	$500,000	$5,000,000	$0	$0	$0	$0	$8,500,000
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	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Replacement of Self Contained Breathing Apparatus	$1,323,370	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,323,370
Recreation & Parks											
Aquatics Facilities TBD	$0	$0	$0	$5,000,000	$0	$0	$0	$0	$0	$0	$5,000,000
Athletic Field Restroom Renovations	$20,000	$225,000	$225,000	$225,000	$205,000	$0	$0	$0	$0	$0	$900,000
Boothe Park and Playground Renovation	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
City Marina Seawalls	$0	$255,000	$1,445,000	$0	$0	$0	$0	$0	$0	$0	$1,700,000
City Marina Utility Upgrades	$0	$187,000	$1,063,000	$0	$0	$0	$0	$0	$0	$0	$1,250,000
East Del Ray Avenue Pocket Park (Phase II)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Windmill Hill Park Improvements	$300,000	$3,700,000	$0	$0	$0	$0	$0	$0	$0	$0	$4,000,000
Public Buildings											
Adult Detention Center HVAC Replacement	$980,700	$0	$0	$0	$0	$0	$0	$0	$0	$0	$980,700
Burn Building - Smoke Stack Demolition	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
City Hall HVAC & Infrastructure Replacement	$0	$0	$0	$0	$0	$9,000,000	$38,500,000	$0	$0	$0	$47,500,000
Courthouse Renovations - HVAC and CFMP	$500,000	$250,000	$250,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$2,050,000
Fleet Facility - Lift Replacement	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Health Dept Garage Concrete Deck & Parking Restoration	$900,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$900,000
Pistol Range	$180,000	$1,500,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,680,000
Police K-9 Facility Renovation	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transportation											
Edsall and South Pickett Pedestrian Imprv.	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Madison & Montgomery Reconstruction	$1,100,000	$0	$6,325,000	$0	$0	$0	$0	$0	$0	$0	$7,425,000
Mt. Vernon Ave/Russell Road Intersection	$250,000	$1,250,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,500,000
Mt. Vernon Trail @ East Abingdon	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
South Eisenhower Metrorail Station - South Entrance	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Van Dorn Metrorail Station Area Imprv.	$0	$0	$500,000	$1,250,000	$0	$0	$0	$0	$0	$0	$1,750,000
Wilkes Street Bikeway	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Note: Projects with $0 in funding in FY 2015 - 2024 are fully funded and do not require additional resources at this time. 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 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
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	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
King & West Combined Sewer Diversion Structure	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Sewer Assessment & Rehabilitation	$0	$0	$0	$0	$3,700,000	$2,550,000	$2,550,000	$0	$0	$0	$8,800,000
Stormwater Management											
Four Mile Run Channel Maintenance	$0	$0	$0	$600,000	$0	$0	$0	$0	$600,000	$0	$1,200,000
Taylor Run at Janney's Lane	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Category 2 Total	$8,554,070	$10,517,000	$12,183,000	$10,450,000	$7,405,000	$20,850,000	$41,200,000	$300,000	$750,000	$300,000	$112,509,070
Category 3											
ACPS											
ACPS Total Capacity Funding	$6,670,365	$27,550,000	$9,512,678	$38,896,799	$12,400,000	$500,000	$500,000	$8,500,000	$22,500,000	$22,500,000	$149,529,842
Community Development											
Braddock Road Area Plan - Streetscape Improvements	$255,831	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$660,831
Citywide Street Lighting	$0	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$225,000
King Street Plan Implementation	$0	$150,000	$250,000	$250,000	$250,000	$0	$0	$0	$0	$0	$900,000
Public Art Acquisition	$150,000	$200,000	$250,000	$300,000	$350,000	$400,000	$450,000	$500,000	$500,000	$500,000	$3,600,000
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	$1,400,000	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$2,000,000
Recreation & Parks											
Athletic Field Improvements (incl. Synthetic Turf)	$0	$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	$16,110,000
Braddock Area Plan Park	$855,221	$0	$403,843	$0	$0	$0	$0	$0	$0	$0	$1,259,064
Chinquapin Aquatics Center (Renovations w/ Competition Pool)	$0	$4,500,000	$15,000,000	$0	$0	$0	$0	$0	$0	$0	$19,500,000
City Marina Restrooms	$75,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$75,000
Open Space Acquisition and Develop.	$0	$800,000	$1,500,000	$0	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$26,300,000
Park Maintenance Facilities	$0	$0	$30,000	$210,000	$0	$0	$0	$0	$0	$0	$240,000
Patrick Henry Recreation Center	$485,000	$5,665,000	$0	$0	$0	$0	$0	$0	$0	$0	$6,150,000
Restaurant Depot Contribution Projects	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Public Buildings											
City Hall Security Enhancements	$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
Fire Station 203 (Cameron Mills)	$600,000	$7,121,000	$0	$0	$0	$0	$0	$0	$0	$0	$7,721,000
Fire Station 205 (Cameron Street)	$0	$0	$0	$0	$0	$700,000	$9,903,000	$0	$0	$0	$10,603,000
Fire Station 206 (Seminary Rd)	$0	$0	$0	$700,000	$10,187,000	$0	$0	$0	$0	$0	$10,887,000
Fire Station 207 (Duke Street)	$0	$0	$700,000	$17,272,000	$0	$0	$0	$0	$0	$0	$17,972,000
Fire Station 210 (Eisenhower Valley)/Impound Lot	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Fire Station 211 (Beauregard)	$0	$0	$1,100,000	$5,000,000	$7,100,000	$0	$0	$0	$0	$0	$13,200,000
Gadsby's Tavern Restaurant Kitchen Equipment	$0	$245,000	$0	$0	$0	$0	$0	$0	$0	$0	$245,000

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Category/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Transportation											
Access to Transit	$60,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$60,000
Backlick Run Multi-Use Paths	$0	$0	$0	$200,000	$3,000,000	$0	$0	$0	$0	$0	$3,200,000
Bicycle Parking at Major Transit Stops	$0	$50,000	$500,000	$0	$100,000	$100,000	$0	$0	$0	$0	$750,000
BRAC Neighborhood Protection Plan	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Braddock Rd. Metro Multimodal Connections	$0	$0	$0	$500,000	$0	$0	$0	$0	$0	$0	$500,000
Bus Shelters and Benches	$1,550,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,550,000
Cameron & Prince Bicycle Facilities	$0	$300,000	$0	$0	$0	$0	$0	$0	$0	$0	$300,000
Capital Bikeshare	$484,000	$0	$500,000	$750,000	$300,000	$320,000	$0	$0	$0	$0	$2,354,000
Citywide Transportation Management System (SCOOT/TDi)	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Complete Streets	$1,000,000	$900,000	$900,000	$900,000	$1,240,000	$900,000	$900,000	$900,000	$900,000	$900,000	$9,440,000
DASH Bus Fleet Expansion	$3,250,000	$0	$0	$3,900,000	$1,300,000	$2,600,000	$0	$2,600,000	$0	$0	$13,650,000
Eisenhower Avenue Roadway Improvements	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
High Street Construction	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$500,000
Holmes Run Greenway	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Intelligent Transportation Systems (ITS) Integration	$2,450,000	$1,975,000	$0	$0	$0	$0	$0	$0	$0	$0	$4,425,000
King & Beauregard Intersection Improvements	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000
King Street Metrorail Station Area Improvements	$0	$0	$382,000	$382,000	$382,000	$0	$0	$0	$0	$0	$1,146,000
King/Quaker Lane/Braddock Rd. Intersection	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Landmark Transit Station	$0	$0	$0	$0	$0	$0	$0	$0	$600,000	$5,400,000	$6,000,000
Old Cameron Run Trail	$0	$500,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$3,500,000
Parking Technologies	$0	$0	$0	$110,000	$200,000	$0	$0	$0	$0	$0	$310,000
Pedestrian & Bicycle Master Plan Update	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Potomac Yard Metrorail Station	$5,025,000	$4,000,000	$270,000,000	$0	$0	$0	$0	$0	$0	$0	$279,025,000
Route 1 @ E. Reed Intersection Improvements	$350,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$350,000
Route 1 Transitway	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000
Safe Routes to Schools	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Seminary Road at Beauregard Street Ellipse	$1,175,000	$0	$0	$3,500,000	$16,200,000	$16,700,000	$0	$0	$0	$0	$37,575,000
Transit Corridor "A" - Crystal City/Potomac Yard Streetcars	$0	$0	$0	$0	$0	$0	$3,000,000	$0	$0	$0	$3,000,000
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	$250,000	$0	$0	$0	$0	$210,000	$0	$2,100,000	$2,000,000	$15,000,000	$19,560,000
Transit Corridor "C" - Beauregard	$100,000	$5,000,000	$32,592,000	$33,534,000	$21,831,000	$500,000	$0	$0	$0	$0	$93,557,000
Transit Corridor "C" Transit Priority	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transportation Technologies	$0	$250,000	$250,000	$0	$250,000	$0	$0	$250,000	$0	$250,000	$1,250,000
Van Dorn Metro Multimodal Bridge	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$500,000
Van Dorn/Beauregard Bicycle Facilities	$0	$0	$0	$0	$250,000	$1,270,000	$0	$0	$0	$0	$1,520,000

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Category/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Sanitary Sewers											
AlexRenew Wastewater Treatment Plant Capacity	$0	$0	$0	$0	$0	$11,070,000	$11,400,000	$11,750,000	$0	$0	$34,220,000
Combined Sewer Overflow 001 Planning	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Combined Sewer Separation Projects	$0	$200,000	$200,000	$600,000	$200,000	$200,000	$600,000	$200,000	$200,000	$600,000	$3,000,000
Holmes Run Trunk Sewer	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Wet Weather Management Facility	$2,250,000	$2,250,000	$0	$8,750,000	$9,000,000	$0	$0	$0	$0	$0	$22,250,000
Stormwater Management											
Cameron Station Pond Retrofit	$0	$0	$500,000	$1,500,000	$1,500,000	$0	$0	$0	$0	$0	$3,500,000
City Facilities Stormwater Best Management Practices (BMPs)	$0	$400,000	$1,100,000	$0	$0	$0	$0	$0	$0	$0	$1,500,000
Ft. Ward Stormwater	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Green Infrastructure in CSO Areas	$700,000	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,200,000
Lake Cook Stormwater Management	$2,400,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,400,000
MS4-TMDL Compliance Water Quality Imprv.	$0	$0	$400,000	$500,000	$500,000	$3,000,000	$3,000,000	$3,500,000	$3,500,000	$7,000,000	$21,400,000
NPDES / MS4 Permit	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Category 3 Total	$34,635,417	$63,426,000	$341,265,521	$120,685,799	$93,042,000	$44,781,000	$35,823,000	$36,370,000	$37,270,000	$58,220,000	$865,518,737
IT Plan											
IT Plan											
AJIS Enhancements	$131,000	$73,000	$40,000	$40,000	$40,000	$150,000	$0	$0	$0	$0	$474,000
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	$230,000	$366,000	$635,000	$315,000	$1,411,000	$265,000	$0	$0	$0	$0	$3,222,000
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	$580,000	$100,000	$50,000	$25,000	$25,000	$100,000	$25,000	$25,000	$25,000	$955,000
Database Infrastructure	$0	$40,000	$40,000	$40,000	$40,000	$40,000	$0	$0	$0	$0	$200,000
DCHS HIPAA Data Security Compliance	$0	$25,000	$25,000	$25,000	$30,000	$30,000	$0	$0	$0	$0	$135,000
DCHS Payment System Replacement	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Document Imaging	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Electronic Government	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Email, Messaging, and Conferencing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Employee Pension Administration System	$0	$0	$0	$300,000	$50,000	$0	$0	$0	$175,000	$25,000	$550,000
EMS Records Management System	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Enterprise Collaboration (Including AlexStat Hardware & Software)	$290,000	$40,000	$40,000	$40,000	$40,000	$40,000	$0	$0	$0	$0	$490,000
Enterprise Data Storage Infrastructure	$150,000	$200,000	$400,000	$400,000	$300,000	$200,000	$0	$0	$0	$0	$1,650,000
Enterprise Maintenance Mgmt System	$0	$100,000	$130,000	$100,000	$40,000	$40,000	$40,000	$0	$0	$0	$450,000
Enterprise Resource Planning System	$75,000	$100,000	$100,000	$100,000	$100,000	$100,000	$0	$0	$0	$0	$575,000
Finance Payment Kiosk	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

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Category/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Fire Radios	$394,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$394,000
Fire Records Management Project	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Ford Ward INET	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
GIS Development	$230,000	$160,000	$190,000	$0	$100,000	$0	$0	$0	$0	$0	$680,000
Handheld Data Collection Devices	$0	$0	$0	$25,000	$0	$0	$0	$0	$0	$0	$25,000
Information Technology Equipment Replacement	$200,000	$200,000	$200,000	$400,000	$620,000	$620,000	$0	$0	$0	$0	$2,240,000
Information Technology Lump Sum Funding	$0	$0	$0	$0	$0	$500,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$16,500,000
IT Enterprise Management System	$0	$50,000	$150,000	$20,000	$20,000	$100,000	$0	$0	$0	$0	$340,000
LAN Development	$0	$15,000	$15,000	$25,000	$25,000	$25,000	$0	$0	$0	$0	$105,000
LAN/WAN Infrastructure	$370,000	$260,000	$260,000	$260,000	$260,000	$260,000	$0	$0	$0	$0	$1,670,000
Municipal Fiber	$50,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$50,000
Network Operations Center (NOC) Relocation	$6,500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$6,500,000
Network Security	$200,000	$250,000	$225,000	$225,000	$225,000	$225,000	$0	$0	$0	$0	$1,350,000
Network Server Infrastructure	$300,000	$500,000	$400,000	$175,000	$175,000	$500,000	$0	$0	$0	$0	$2,050,000
Permit Processing	$1,700,000	$29,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,729,000
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	$0	$560,000	$160,000	$0	$0	$340,000	$0	$0	$0	$0	$1,060,000
Purchasing System Upgrade	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Radio Network Upgrade	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Real Estate Account Receivable System	$0	$0	$325,000	$60,000	$0	$0	$0	$120,000	$0	$0	$505,000
Real Estate Assessment System (CAMA)	$0	$0	$0	$30,000	$600,000	$200,000	$0	$0	$0	$0	$830,000
Recreation Database System	$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
Remote Radio Technology	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Upgrade Work Station Operating Systems	$200,000	$150,000	$175,000	$200,000	$200,000	$200,000	$0	$0	$0	$0	$1,125,000
Voice Over Internet Protocol	$500,000	$450,000	$150,000	$350,000	$150,000	$150,000	$0	$0	$0	$0	$1,750,000
IT Plan Total	$11,970,000	$4,848,000	$4,540,000	$4,240,000	$5,051,000	$4,535,000	$4,765,000	$4,977,000	$4,710,000	$4,780,000	$54,416,000
Grand Total	$92,464,283	$118,826,502	$400,137,344	$172,769,012	$145,839,881	$111,091,642	$125,092,903	$87,834,496	$92,773,660	$111,703,929	$1,458,533,652

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SUMMARY FUNDING TABLES

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Table 1
Proposed FY 2015 – 2024 Capital Improvement Program
Total Sources and Uses of Capital Improvement Program Funds

Source of Funds	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL FY 2015 - 2024
All City Cash Sources (Cash Capital)											
General Fund Planned Appropriations (Transfer from General Fund)	$ 18,058,794	$ 22,826,065	$ 22,260,064	$ 21,932,575	$ 23,096,881	$ 23,337,642	$ 23,259,904	$ 24,011,496	$ 24,603,660	$ 24,303,929	$ 227,691,010
Prior Year CIP/Projects Closed-Out	$ 3,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,000,000
General Obligation Bond Interest Earnings	$ 300,000	$ 400,000	$ 500,000	$ 600,000	$ 700,000	$ 700,000	$ 700,000	$ 700,000	$ 700,000	$ 700,000	$ 6,000,000
Sale of Property Revenue	$ -	$ 440,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 440,000
Other Base City Sources	$ 216,437	$ 216,437	$ 216,437	$ 216,437	$ -	$ -	$ -	$ -	$ -	$ -	$ 865,748
Subtotal, All Unrestricted City Cash Sources	$ 21,575,231	$ 23,882,502	$ 22,976,501	$ 22,749,012	$ 23,796,881	$ 24,037,642	$ 23,959,904	$ 24,711,496	$ 25,303,660	$ 25,003,929	$ 237,996,758
Unrestricted Borrowing Sources											
*General Obligation Bonds (Excl. Sewers/TIP)	$ 30,971,000	$ 68,490,000	$ 53,158,000	$ 82,369,000	$ 52,790,000	$ 45,959,000	$ 79,083,000	$ 41,823,000	$ 57,320,000	$ 59,100,000	$ 571,063,000
Subtotal, All Unrestricted City Sources	*$ 52,546,231*	*$ 92,372,502*	*$ 76,134,501*	*$ 105,118,012*	*$ 76,586,881*	*$ 69,996,642*	*$ 103,042,904*	*$ 66,534,496*	*$ 82,623,660*	*$ 84,103,929*	*$ 809,059,758*
Restricted City Sources											
Transfer from Code Enterprise Fund	$ 1,700,000	$ 29,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,729,000
Sanitary Sewer Fees	$ 675,000	$ 300,000	$ 200,000	$ 510,000	$ 655,000	$ 1,675,000	$ 1,955,000	$ -	$ 700,000	$ -	$ 6,670,000
General Obligation Bonds - Sanitary Sewers	$ 2,425,000	$ 6,600,000	$ 3,575,000	$ 13,115,000	$ 14,445,000	$ 16,070,000	$ 12,520,000	$ 13,150,000	$ 700,000	$ 1,800,000	$ 84,400,000
Cash Capital - Transportation Improvement Program	$ 3,050,000	$ 2,000,000	$ 2,655,000	$ 2,550,000	$ 2,640,000	$ 650,000	$ 325,000	$ 1,150,000	$ 1,250,000	$ 500,000	$ 16,770,000
Reprogrammed Transportation Improvement Program Balances	$ 3,550,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,550,000
General Obligation Bonds - Potomac Yard Metrorail Station	$ -	$ -	$ 204,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 204,000,000
Potomac Yard Special Tax District/Development Contributions	$ 2,525,000	$ 3,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,525,000
Subtotal, Restricted City Sources	*$ 13,925,000*	*$ 11,929,000*	*$ 210,430,000*	*$ 16,175,000*	*$ 17,740,000*	*$ 18,395,000*	*$ 14,800,000*	*$ 14,300,000*	*$ 2,650,000*	*$ 2,300,000*	*$ 322,644,000*
Non-City Sources											
Comcast Revenues	$ 1,970,000	$ 1,300,000	$ 1,300,000	$ 1,300,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,870,000
Stormwater Local Assistance Fund	$ 1,200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,200,000
Private Capital Contributions	$ 1,816,052	$ 2,600,000	$ 16,103,843	$ 21,000,000	$ 21,300,000	$ 16,700,000	$ -	$ -	$ -	$ -	$ 79,519,895
NVTA 70%	$ 7,550,000	$ 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	$ 165,000,000
NVTA 30%	$ 8,985,000	$ 4,200,000	$ 5,207,640	$ 5,207,640	$ 3,907,640	$ 2,600,000	$ 3,250,000	$ 3,900,000	$ 3,900,000	$ 3,900,000	$ 45,057,920
Reprogrammed VDOT Funds	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,000,000
CMAQ/RSTP	$ 3,034,000	$ 2,025,000	$ 3,095,000	$ 1,560,000	$ 3,600,000	$ 2,190,000	$ -	$ -	$ -	$ -	$ 15,504,000
New Freedom Grant	$ 320,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 320,000
State Revenue Sharing	$ 118,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 9,118,000
Urban Funds	$ -	$ -	$ 1,126,360	$ 1,408,360	$ 1,705,360	$ -	$ -	$ -	$ -	$ -	$ 4,240,080
Subtotal, Non-City Sources	*$ 25,993,052*	*$ 14,525,000*	*$ 113,572,843*	*$ 51,476,000*	*$ 51,513,000*	*$ 22,700,000*	*$ 7,250,000*	*$ 7,000,000*	*$ 7,500,000*	*$ 25,300,000*	*$ 326,829,895*
Total, All Sources	$ 92,464,283	$ 118,826,502	$ 400,137,344	$ 172,769,012	$ 145,839,881	$ 111,091,642	$ 125,092,904	$ 87,834,496	$ 92,773,660	$ 111,703,929	$ 1,458,533,652

*General Obligation Bonds

FY 2015 - The actual General Obligation Bond amount is estimated at $35.997 million to complete borrowing ($5.026 million) for the ACPS Jefferson-Houston K-8 facility. Sanitary Sewer bonds ($2.425 million) will be budgeted, but will not be issued until FY 2016. The total planned amount of borrowing ($35.997 million) is the figure used when calculating debt ratios.

All Uses (CIP Document Section)	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL FY 2015 - 2024
Schools	$ 17,715,817	$ 38,808,279	$ 21,190,135	$ 50,371,893	$ 23,839,966	$ 14,874,892	$ 14,977,281	$ 22,867,962	$ 36,988,176	$ 37,416,455	$ 279,050,856
Community Development	$ 6,483,201	$ 2,872,000	$ 2,553,000	$ 2,027,500	$ 4,551,500	$ 9,329,500	$ 2,626,500	$ 3,325,500	$ 3,167,500	$ 6,742,500	$ 43,678,701
Recreation & Parks	$ 4,011,221	$ 18,165,000	$ 23,959,843	$ 10,768,000	$ 9,088,000	$ 8,933,000	$ 8,933,000	$ 8,983,000	$ 8,983,000	$ 8,983,000	$ 110,807,064
Public Buildings	$ 8,584,700	$ 14,651,000	$ 6,370,000	$ 27,505,000	$ 21,247,000	$ 14,386,000	$ 53,199,000	$ 4,485,000	$ 4,375,000	$ 4,028,000	$ 158,830,700
Transit & Transportation	$ 36,482,000	$ 29,580,000	$ 333,399,000	$ 60,126,000	$ 61,603,000	$ 35,025,000	$ 19,850,000	$ 25,025,000	$ 27,525,000	$ 39,425,000	$ 668,040,000
Sanitary Sewers	$ 2,750,000	$ 6,650,000	$ 3,775,000	$ 13,625,000	$ 16,950,000	$ 19,020,000	$ 15,750,000	$ 13,150,000	$ 1,400,000	$ 1,800,000	$ 94,870,000
Stormwater Management	$ 3,650,000	$ 2,400,000	$ 3,500,000	$ 3,350,000	$ 2,750,000	$ 4,225,000	$ 4,225,000	$ 4,250,000	$ 4,850,000	$ 7,750,000	$ 40,950,000
Information Technology	$ 11,970,000	$ 4,848,000	$ 4,540,000	$ 4,240,000	$ 5,051,000	$ 4,535,000	$ 4,765,000	$ 4,977,000	$ 4,710,000	$ 4,780,000	$ 54,416,000
Other Regional Contributions	$ 817,344	$ 852,223	$ 850,366	$ 755,619	$ 759,415	$ 763,250	$ 767,122	$ 771,034	$ 774,984	$ 778,974	$ 7,890,331
TOTAL ALL USES	$ 92,464,283	$ 118,826,502	$ 400,137,344	$ 172,769,012	$ 145,839,881	$ 111,091,642	$ 125,092,903	$ 87,834,496	$ 92,773,660	$ 111,703,929	$ 1,458,533,652
% FROM BONDS	36.1%	63.2%	65.2%	55.3%	46.1%	55.8%	73.2%	62.6%	62.5%	54.5%	58.9%
% FROM CITY AND OTHER CASH SOURCES	63.9%	36.8%	34.8%	44.7%	53.9%	44.2%	26.8%	37.4%	37.5%	45.5%	41.1%

Table 2
Proposed FY 2015 – 2024 Capital Improvement Program
Sources and Uses of Funds
For the Ten Fiscal Years Ending June 30, 2024

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 2015 - 2024			
FY 2015	$21,108,794	$64,441,506	$85,550,300
FY 2016	$24,826,065	$69,838,178	$94,664,243
FY 2017	$24,915,064	$75,056,514	$99,971,578
FY 2018	$24,482,575	$81,501,981	$105,984,556
FY 2019	$25,736,881	$95,258,357	$120,995,238
FY 2020	$23,987,642	$96,528,077	$120,515,719
FY 2021	$23,584,904	$99,491,941	$123,076,845
FY 2022	$25,161,496	$102,411,642	$127,573,138
FY 2023	$25,853,660	$106,950,338	$132,803,998
FY 2024	$24,803,929	$109,203,853	$134,007,782
Total Planned Future Appropriations	$244,461,010	$900,682,386	$1,145,143,396

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

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

Planned General Obligation Bond Issues:	
FY 2015 /1	$35,997,000
FY 2016 /2	$77,515,000
FY 2017	$260,733,000
FY 2018	$95,484,000
FY 2019	$67,235,000
FY 2020	$62,029,000
FY 2021	$91,603,000
FY 2022	$54,973,000
FY 2023	$58,020,000
FY 2024	$60,900,000
Total Planned General Obligation Bond Issues	$864,489,000

1 / Includes $5.026 million in bonds from prior year capital commitments for construction of the new ACPS Jefferson Houston K-8 facility

2 / Includes $2.425 million in Sanitary Sewer bonds budgeted in FY 2015 but not borrowed unitl FY 2016.

Table 2 (Continued)
Proposed FY 2015 – 2024 Capital Improvement Program
Sources and Uses of Funds
For the Ten Fiscal Years Ending June 30, 2024

Planned Other City Sources	
Bond Interest Earnings	$6,000,000
Sale of Property Revenue	$440,000
Sanitary Sewer Fees	$6,670,000
Reprogrammed Transportation Impovement Program Balances	$3,550,000
Potomac Yard Metro Special Revenues	$5,525,000
Other CIP Cash Revenue	$5,594,748
Total Planned Other City Sources	$27,779,748
TOTAL CITY SOURCES (FY 2015 - FY 2024)	$1,136,729,758
Proposed FY 2015 - 2024 City Funded CIP	
FY 2015 Proposed Capital Budget	$66,471,231
FY 2016 Proposed Capital Budget	$104,301,502
FY 2017 Proposed Capital Budget	$286,564,501
FY 2018 Proposed Capital Budget	$121,293,012
FY 2019 Proposed Capital Budget	$94,326,881
FY 2020 Proposed Capital Budget	$88,391,642
FY 2021 Proposed Capital Budget	$117,842,904
FY 2022 Proposed Capital Budget	$80,834,496
FY 2023 Proposed Capital Budget	$85,273,660
FY 2024 Proposed Capital Budget	$86,403,929
TOTAL CITY FUNDED USES (FY 2015 - FY 2024) / 1	$1,131,703,758

1 / Does not Include $5.026 million in bonds from prior year commitments for construction of the new ACPS Jefferson Houston K-8 facility.

Table 3
Proposed FY 2015 – 2024 Capital Improvement Program
All Funding Sources

Revenue Source/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Cash Capital											
ACPS											
ACPS Total Capacity Funding	$2,000,300	$1,550,000	$2,900,000	$2,800,000	$400,000	$500,000	$500,000	$1,999,724	$2,000,000	$2,000,000	$16,650,024
ACPS Total Non-Capacity Funding	$2,933,617	$2,574,779	$2,920,635	$2,869,393	$2,866,466	$2,825,392	$2,914,781	$4,530,739	$4,065,676	$4,048,955	$32,550,433
Community Development											
Braddock Road Area Plan - Streetscape Improvements	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$450,000
City Marina Waterfront Dredging	$1,000,000	$0	$0	$0	$500,000	$1,250,000	$0	$0	$0	$0	$2,750,000
Environmental Restoration	$0	$150,000	$0	$150,000	$0	$150,000	$0	$150,000	$0	$150,000	$750,000
Gadsby Lighting Fixtures & Poles Replacement	$0	$0	$75,000	$0	$75,000	$0	$75,000	$0	$75,000	$0	$300,000
King Street Plan Implementation	$0	$150,000	$50,000	$50,000	$50,000	$0	$0	$0	$0	$0	$300,000
Public Art Acquisition	$150,000	$200,000	$250,000	$300,000	$350,000	$400,000	$450,000	$500,000	$500,000	$500,000	$3,600,000
Public Art Conservation Program	$0	$15,000	$15,000	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$187,500
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	$1,400,000	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$2,000,000
Citywide Street Lighting	$0	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$225,000
Replacement of Self Contained Breathing Apparatus	$1,323,370	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,323,370
IT Plan											
AJIS Enhancements	$131,000	$73,000	$40,000	$40,000	$40,000	$150,000	$0	$0	$0	$0	$474,000
Business Tax System	$0	$0	$90,000	$0	$0	$0	$100,000	$382,000	$0	$0	$572,000
Connectivity Initiatives	$0	$0	$0	$0	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$2,700,000
Customer Relationship Management System	$0	$580,000	$100,000	$50,000	$25,000	$25,000	$100,000	$25,000	$25,000	$25,000	$955,000
Database Infrastructure	$0	$40,000	$40,000	$40,000	$40,000	$40,000	$0	$0	$0	$0	$200,000
DCHS HIPAA Data Security Compliance	$0	$25,000	$25,000	$25,000	$30,000	$30,000	$0	$0	$0	$0	$135,000
Employee Pension Administration System	$0	$0	$0	$300,000	$50,000	$0	$0	$0	$175,000	$25,000	$550,000
Enterprise Data Storage Infrastructure	$0	$0	$0	$0	$300,000	$200,000	$0	$0	$0	$0	$500,000
Enterprise Maintenance Mgmt System	$0	$100,000	$130,000	$100,000	$40,000	$40,000	$40,000	$0	$0	$0	$450,000
Enterprise Resource Planning System	$75,000	$100,000	$100,000	$100,000	$100,000	$100,000	$0	$0	$0	$0	$575,000
Fire Radios	$394,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$394,000
GIS Development	$230,000	$160,000	$190,000	$0	$100,000	$0	$0	$0	$0	$0	$680,000
Handheld Data Collection Devices	$0	$0	$0	$25,000	$0	$0	$0	$0	$0	$0	$25,000
IT Enterprise Management System	$0	$50,000	$150,000	$20,000	$20,000	$100,000	$0	$0	$0	$0	$340,000
LAN Development	$0	$15,000	$15,000	$25,000	$25,000	$25,000	$0	$0	$0	$0	$105,000
LAN/WAN Infrastructure	$0	$0	$0	$0	$260,000	$260,000	$0	$0	$0	$0	$520,000
Municipal Fiber	$50,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$50,000
Network Server Infrastructure	$0	$360,000	$400,000	$175,000	$175,000	$500,000	$0	$0	$0	$0	$1,610,000

Revenue Source/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Cash Capital											
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	$0	$560,000	$160,000	$0	$0	$340,000	$0	$0	$0	$0	$1,060,000
Real Estate Account Receivable System	$0	$0	$325,000	$60,000	$0	$0	$0	$120,000	$0	$0	$505,000
Real Estate Assessment System (CAMA)	$0	$0	$0	$30,000	$600,000	$200,000	$0	$0	$0	$0	$830,000
Remote Access	$0	$250,000	$150,000	$150,000	$150,000	$75,000	$75,000	$0	$0	$0	$850,000
Security	$0	$0	$35,000	$35,000	$225,000	$225,000	$0	$0	$0	$0	$520,000
Upgrade Work Station Operating Systems	$200,000	$150,000	$175,000	$200,000	$200,000	$200,000	$0	$0	$0	$0	$1,125,000
Voice Over Internet Protocol	$0	$450,000	$150,000	$350,000	$150,000	$150,000	$0	$0	$0	$0	$1,250,000
Information Technology Equipment Replacement	$200,000	$200,000	$200,000	$400,000	$620,000	$620,000	$0	$0	$0	$0	$2,240,000
Computer Aided Dispatch (CAD) System Replacement	$230,000	$366,000	$635,000	$315,000	$1,411,000	$265,000	$0	$0	$0	$0	$3,222,000
Information Technology Lump Sum Funding	$0	$0	$0	$0	$0	$500,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$16,500,000
Enterprise Collaboration (Including AlexStat Hardware & Software)	$290,000	$40,000	$40,000	$40,000	$40,000	$40,000	$0	$0	$0	$0	$490,000
Other Regional Contributions											
Peumansend Creek Regional Jail	$109,738	$104,085	$98,506	$0	$0	$0	$0	$0	$0	$0	$312,329
Northern Virginia Community College (NVCC)	$331,630	$372,162	$375,884	$379,643	$383,439	$387,274	$391,146	$395,058	$399,008	$402,998	$3,818,242
Northern Virginia Regional Park Authority (NVRPA)	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$3,759,760
Public Buildings											
Adult Detention Center HVAC Replacement	$98,700	$0	$0	$0	$0	$0	$0	$0	$0	$0	$98,700
Building Physical Conditions Assessment	$233,000	$173,000	$200,000	$95,000	$0	$0	$0	$100,000	$100,000	$100,000	$1,001,000
City Hall HVAC & Infrastructure Replacement	$0	$0	$0	$0	$0	$3,500,000	$3,850,000	$0	$0	$0	$7,350,000
City Historic Facilities CFMP	$145,000	$145,000	$145,000	$145,000	$145,000	$145,000	$145,000	$145,000	$145,000	$145,000	$1,450,000
Courthouse Renovations - HVAC and CFMP	$100,000	$75,000	$75,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$600,000
Elevator Replacement/Refurbishment	$67,000	$104,000	$115,000	$0	$20,000	$80,000	$0	$0	$0	$0	$386,000
Emergency Generators	$145,000	$82,000	$150,000	$100,000	$25,000	$25,000	$100,000	$100,000	$25,000	$108,000	$860,000
Energy Management Program	$200,000	$65,000	$90,000	$100,000	$110,000	$110,000	$130,000	$150,000	$170,000	$130,000	$1,255,000
Fire Department CFMP	$80,000	$80,000	$80,000	$80,000	$80,000	$80,000	$80,000	$80,000	$80,000	$80,000	$800,000
Fire Station 203 (Cameron Mills)	$600,000	$1,200,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,800,000
Fire Station 205 (Cameron Street)	$0	$0	$0	$0	$0	$700,000	$1,300,000	$0	$0	$0	$2,000,000
Fire Station 206 (Seminary Rd)	$0	$0	$0	$700,000	$1,400,000	$0	$0	$0	$0	$0	$2,100,000
Fire Station 207 (Duke Street)	$0	$0	$700,000	$1,250,000	$0	$0	$0	$0	$0	$0	$1,950,000
Gadsby's Tavern Restaurant Kitchen Equipment	$0	$245,000	$0	$0	$0	$0	$0	$0	$0	$0	$245,000
General Services CFMP	$269,400	$150,000	$150,000	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$1,969,400
Health Dept Garage Concrete Deck & Parking Restoration	$180,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$180,000
Library CFMP	$220,000	$175,000	$285,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,730,000
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	$185,000	$175,000	$160,000	$160,000	$160,000	$160,000	$160,000	$160,000	$160,000	$160,000	$1,640,000
Pistol Range	$180,000	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$380,000
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											
Aquatics Facilities TBD	$0	$0	$0	$2,000,000	$0	$0	$0	$0	$0	$0	$2,000,000
Athletic Field Improvements (incl. Synthetic Turf)	$0	$0	$110,000	$250,000	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$1,560,000
Athletic Field Restroom Renovations	$20,000	$20,000	$20,000	$20,000	$0	$0	$0	$0	$0	$0	$80,000
Ball Court Renovations	$0	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$135,000
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 Restrooms	$75,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$75,000
City Marina Seawalls	$0	$255,000	$0	$0	$0	$0	$0	$0	$0	$0	$255,000
City Marina Utility Upgrades	$0	$187,000	$0	$0	$0	$0	$0	$0	$0	$0	$187,000
Open Space Acquisition and Develop.	$0	$100,000	$325,000	$0	$4,000,000	$2,500,000	$3,000,000	$4,000,000	$4,000,000	$4,000,000	$21,925,000
Park Maintenance Facilities	$0	$0	$30,000	$0	$0	$0	$0	$0	$0	$0	$30,000

Revenue Source/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Cash Capital											
Park Renovations CFMP	$238,000	$338,000	$338,000	$438,000	$438,000	$438,000	$438,000	$438,000	$438,000	$438,000	$3,980,000
Patrick Henry Recreation Center	$485,000	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,485,000
Pavement Improvements in Parks	$12,500	$12,500	$12,500	$12,500	$12,500	$12,500	$12,500	$12,500	$12,500	$12,500	$125,000
Playground Renovations CFMP	$650,000	$750,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$1,720,000
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	$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
Tree & Shrub Capital Maintenance	$176,000	$226,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$3,010,000
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
Windmill Hill Park Improvements	$300,000	$1,755,000	$0	$0	$0	$0	$0	$0	$0	$0	$2,055,000
Americans with Disabilities Act (ADA) Requirements	$0	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$261,000
Chinquapin Aquatics Center (Renovations w/ Competition Pool)	$0	$2,000,000	$2,500,000	$0	$0	$0	$0	$0	$0	$0	$4,500,000
Stormwater Management											
Cameron Station Pond Retrofit	$0	$0	$250,000	$500,000	$500,000	$0	$0	$0	$0	$0	$1,250,000
Four Mile Run Channel Maintenance	$0	$0	$0	$600,000	$0	$0	$0	$0	$600,000	$0	$1,200,000
Lake Cook Stormwater Management	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000
MS4-TMDL Compliance Water Quality Imprv.	$0	$0	$400,000	$500,000	$500,000	$1,000,000	$1,000,000	$1,750,000	$1,750,000	$2,500,000	$9,400,000
Storm Sewer Capacity Assessment	$0	$0	$0	$0	$0	$475,000	$475,000	$0	$0	$0	$950,000
Stream & Channel Maintenance	$275,000	$600,000	$600,000	$225,000	$225,000	$225,000	$225,000	$225,000	$225,000	$225,000	$3,050,000
City Facilities Stormwater Best Management Practices (BMPs)	$0	$200,000	$300,000	$0	$0	$0	$0	$0	$0	$0	$500,000
Transportation											
Bridge Repairs	$75,000	$75,000	$700,000	$75,000	$175,000	$75,000	$175,000	$75,000	$175,000	$300,000	$1,900,000
Complete Streets	$334,000	$225,000	$225,000	$225,000	$225,000	$225,000	$225,000	$225,000	$225,000	$225,000	$2,359,000
Fixed Transportation Equipment	$45,000	$425,000	$425,000	$725,000	$425,000	$425,000	$425,000	$425,000	$1,175,000	$425,000	$4,920,000
Shared-Use Paths	$0	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$2,700,000
Hybrid Bus and Trolley Battery Pack Replacement	$100,000	$200,000	$350,000	$400,000	$200,000	$0	$0	$0	$0	$0	$1,250,000
Sidewalk Capital Maintenance	$0	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$2,700,000
Street Reconstruction & Resurfacing of Major Roads	$425,000	$1,400,000	$1,625,000	$1,700,000	$2,250,000	$775,000	$325,000	$1,475,000	$1,475,000	$1,475,000	$12,925,000
Cash Capital Total	$18,575,231	$23,882,502	$22,976,501	$22,749,012	$23,796,881	$24,037,642	$23,959,904	$24,711,496	$25,303,660	$25,003,929	$234,996,758
Prior Year CIP/Projects Closed-Out											
IT Plan											
Network Operations Center (NOC) Relocation	$2,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,000,000
Transportation											
Fixed Transportation Equipment	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$200,000
Shared-Use Paths	$300,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$300,000
Sidewalk Capital Maintenance	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Prior Year CIP/Projects Closed-Out Total	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,000,000
GO Bonds											
ACPS											
ACPS Total Capacity Funding	$4,670,065	$26,000,000	$6,612,678	$36,096,799	$12,000,000	$0	$0	$6,500,276	$20,500,000	$20,500,000	$132,879,818
ACPS Total Non-Capacity Funding	$8,111,835	$8,683,500	$8,756,822	$8,605,701	$8,573,500	$11,549,500	$11,562,500	$9,837,224	$10,422,500	$10,867,500	$96,970,582
Community Development											
City Marina Waterfront Dredging	$2,000,000	$0	$0	$0	$0	$3,750,000	$0	$0	$0	$0	$5,750,000
Fire Department Vehicles & Apparatus	$354,000	$1,487,000	$1,378,000	$874,000	$2,852,000	$3,446,000	$2,009,000	$2,583,000	$2,500,000	$6,000,000	$23,483,000
King Street Plan Implementation	$0	$0	$200,000	$200,000	$200,000	$0	$0	$0	$0	$0	$600,000
IT Plan											
Network Operations Center (NOC) Relocation	$4,500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,500,000

Revenue Source/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
GO Bonds											
Public Buildings											
Adult Detention Center HVAC Replacement	$882,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$882,000
City Hall HVAC & Infrastructure Replacement	$0	$0	$0	$0	$0	$5,500,000	$34,650,000	$0	$0	$0	$40,150,000
City Historic Facilities CFMP	$100,000	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$1,900,000
Courthouse Renovations - HVAC and CFMP	$400,000	$175,000	$175,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$1,450,000
Elevator Replacement/Refurbishment	$608,000	$936,000	$0	$0	$180,000	$720,000	$0	$0	$0	$0	$2,444,000
Emergency Generators	$800,000	$150,000	$430,000	$300,000	$0	$0	$107,000	$350,000	$0	$0	$2,137,000
Energy Management Program	$400,000	$585,000	$365,000	$395,000	$440,000	$440,000	$520,000	$600,000	$680,000	$505,000	$4,930,000
Fire Department CFMP	$320,000	$320,000	$320,000	$320,000	$320,000	$320,000	$320,000	$320,000	$320,000	$320,000	$3,200,000
Fire Station 203 (Cameron Mills)	$0	$5,921,000	$0	$0	$0	$0	$0	$0	$0	$0	$5,921,000
Fire Station 205 (Cameron Street)	$0	$0	$0	$0	$0	$0	$8,603,000	$0	$0	$0	$8,603,000
Fire Station 206 (Seminary Rd)	$0	$0	$0	$0	$8,787,000	$0	$0	$0	$0	$0	$8,787,000
Fire Station 207 (Duke Street)	$0	$0	$0	$16,022,000	$0	$0	$0	$0	$0	$0	$16,022,000
Fire Station 211 (Beauregard)	$0	$0	$0	$0	$2,000,000	$0	$0	$0	$0	$0	$2,000,000
General Services CFMP	$830,600	$950,000	$950,000	$1,300,000	$1,300,000	$1,300,000	$1,300,000	$1,300,000	$1,300,000	$1,300,000	$11,830,600
Health Dept Garage Concrete Deck & Parking Restoration	$720,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$720,000
Office of the Sheriff CFMP	$275,000	$285,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$2,960,000
Pistol Range	$0	$1,300,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,300,000
Roof Replacement Program	$366,000	$780,000	$200,000	$358,000	$0	$126,000	$754,000	$0	$215,000	$0	$2,799,000
Recreation & Parks											
Aquatics Facilities TBD	$0	$0	$0	$3,000,000	$0	$0	$0	$0	$0	$0	$3,000,000
Athletic Field Improvements (incl. Synthetic Turf)	$0	$0	$1,500,000	$2,250,000	$1,800,000	$1,800,000	$1,800,000	$1,800,000	$1,800,000	$1,800,000	$14,550,000
Athletic Field Restroom Renovations	$0	$205,000	$205,000	$205,000	$205,000	$0	$0	$0	$0	$0	$820,000
Ball Court Renovations	$0	$135,000	$135,000	$135,000	$135,000	$135,000	$135,000	$135,000	$135,000	$135,000	$1,215,000
City Marina Seawalls	$0	$0	$1,445,000	$0	$0	$0	$0	$0	$0	$0	$1,445,000
City Marina Utility Upgrades	$0	$0	$1,063,000	$0	$0	$0	$0	$0	$0	$0	$1,063,000
Open Space Acquisition and Develop.	$0	$700,000	$1,175,000	$0	$0	$1,500,000	$1,000,000	$0	$0	$0	$4,375,000
Park Maintenance Facilities	$0	$0	$0	$210,000	$0	$0	$0	$0	$0	$0	$210,000
Patrick Henry Recreation Center	$0	$4,665,000	$0	$0	$0	$0	$0	$0	$0	$0	$4,665,000
Pavement Improvements in Parks	$237,500	$237,500	$237,500	$237,500	$237,500	$237,500	$237,500	$237,500	$237,500	$237,500	$2,375,000
Playground Renovations CFMP	$0	$0	$460,000	$510,000	$560,000	$610,000	$610,000	$660,000	$660,000	$660,000	$4,730,000
Recreation Centers CFMP	$550,000	$550,000	$550,000	$550,000	$550,000	$550,000	$550,000	$550,000	$550,000	$550,000	$5,500,000
Windmill Hill Park Improvements	$0	$1,945,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,945,000
Chinquapin Aquatics Center (Renovations w/ Competition Pool)	$0	$2,500,000	$10,000,000	$0	$0	$0	$0	$0	$0	$0	$12,500,000
Sanitary Sewers											
Sewer Assessment & Rehabilitation	$0	$0	$0	$0	$1,850,000	$1,275,000	$1,275,000	$0	$0	$0	$4,400,000
Stormwater Management											
Cameron Station Pond Retrofit	$0	$0	$250,000	$1,000,000	$1,000,000	$0	$0	$0	$0	$0	$2,250,000
Green Infrastructure in CSO Areas	$350,000	$250,000	$0	$0	$0	$0	$0	$0	$0	$0	$600,000
Lake Cook Stormwater Management	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000
MS4-TMDL Compliance Water Quality Imprv.	$0	$0	$0	$0	$0	$2,000,000	$2,000,000	$1,750,000	$1,750,000	$4,500,000	$12,000,000
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
Stream & Channel Maintenance	$275,000	$600,000	$600,000	$225,000	$225,000	$225,000	$225,000	$225,000	$225,000	$225,000	$3,050,000
City Facilities Stormwater Best Management Practices (BMPs)	$0	$200,000	$800,000	$0	$0	$0	$0	$0	$0	$0	$1,000,000

Revenue Source/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
GO Bonds											
Transportation											
Bridge Repairs	$150,000	$225,000	$0	$225,000	$525,000	$225,000	$525,000	$225,000	$525,000	$0	$2,625,000
Complete Streets	$346,000	$675,000	$675,000	$675,000	$675,000	$675,000	$675,000	$675,000	$675,000	$675,000	$6,421,000
Fixed Transportation Equipment	$245,000	$425,000	$425,000	$725,000	$425,000	$425,000	$425,000	$425,000	$1,175,000	$425,000	$5,120,000
Madison & Montgomery Reconstruction	$0	$0	$6,325,000	$0	$0	$0	$0	$0	$0	$0	$6,325,000
WMATA Capital Contributions	$2,880,000	$5,530,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$52,810,000
DASH Bus Fleet Replacements (Since FY 2011)	$0	$0	$0	$0	$0	$0	$650,000	$5,200,000	$5,200,000	$1,950,000	$13,000,000
Street Reconstruction & Resurfacing of Major Roads	$0	$1,575,000	$1,575,000	$1,500,000	$1,500,000	$2,700,000	$2,700,000	$2,000,000	$2,000,000	$2,000,000	$17,550,000
GO Bonds Total	$30,971,000	$68,490,000	$53,158,000	$82,369,000	$52,790,000	$45,959,000	$79,083,000	$41,823,000	$57,320,000	$59,100,000	$571,063,000
Code Fund											
IT Plan											
Permit Processing	$1,700,000	$29,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,729,000
Code Fund Total	$1,700,000	$29,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,729,000
Cash Capital - TIP											
Transportation											
Backlick Run Multi-Use Paths	$0	$0	$0	$0	$1,090,000	$0	$0	$0	$0	$0	$1,090,000
Bridge Repairs	$650,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$650,000
Eisenhower Avenue Roadway Improvements	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
High Street Construction	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$500,000
Madison & Montgomery Reconstruction	$100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$100,000
Mt. Vernon Ave/Russell Road Intersection	$250,000	$1,250,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,500,000
Old Cameron Run Trail	$0	$500,000	$905,000	$0	$0	$0	$0	$0	$0	$0	$1,405,000
Parking Study	$150,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$150,000
Transportation Technologies	$0	$250,000	$250,000	$0	$250,000	$0	$0	$250,000	$0	$250,000	$1,250,000
Van Dorn Metro Multimodal Bridge	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$500,000
DASH Bus Fleet Expansion	$0	$0	$0	$1,300,000	$1,300,000	$0	$0	$650,000	$0	$0	$3,250,000
Van Dorn Metrorail Station Area Imprv.	$0	$0	$500,000	$1,250,000	$0	$0	$0	$0	$0	$0	$1,750,000
Street Reconstruction & Resurfacing of Major Roads	$1,400,000	$0	$1,000,000	$0	$0	$650,000	$325,000	$250,000	$250,000	$250,000	$4,125,000
Cash Capital - TIP Total	$3,050,000	$2,000,000	$2,655,000	$2,550,000	$2,640,000	$650,000	$325,000	$1,150,000	$1,250,000	$500,000	$16,770,000
Cash Capital - TIP/Prior Years											
Transportation											
Madison & Montgomery Reconstruction	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Street Reconstruction & Resurfacing of Major Roads	$2,550,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,550,000
Cash Capital - TIP/Prior Years Total	$3,550,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,550,000
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 Major Transit Stops	$0	$50,000	$500,000	$0	$100,000	$100,000	$0	$0	$0	$0	$750,000
Braddock Rd. Metro Multimodal Connections	$0	$0	$0	$500,000	$0	$0	$0	$0	$0	$0	$500,000
Capital Bikeshare	$484,000	$0	$500,000	$750,000	$300,000	$320,000	$0	$0	$0	$0	$2,354,000
Complete Streets	$0	$0	$0	$0	$340,000	$0	$0	$0	$0	$0	$340,000
Old Cameron Run Trail	$0	$0	$2,095,000	$0	$0	$0	$0	$0	$0	$0	$2,095,000
Parking Technologies	$0	$0	$0	$110,000	$200,000	$0	$0	$0	$0	$0	$310,000
Transit Corridor "C" - Beauregard	$100,000	$0	$0	$0	$500,000	$500,000	$0	$0	$0	$0	$1,100,000
Van Dorn/Beauregard Bicycle Facilities	$0	$0	$0	$0	$250,000	$1,270,000	$0	$0	$0	$0	$1,520,000
Intelligent Transportation Systems (ITS) Integration	$2,450,000	$1,975,000	$0	$0	$0	$0	$0	$0	$0	$0	$4,425,000
CMAQ/RSTP Total	$3,034,000	$2,025,000	$3,095,000	$1,560,000	$3,600,000	$2,190,000	$0	$0	$0	$0	$15,504,000

Revenue Source/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Comcast Revenues											
IT Plan											
Connectivity Initiatives	$450,000	$450,000	$450,000	$450,000	$0	$0	$0	$0	$0	$0	$1,800,000
Enterprise Data Storage Infrastructure	$150,000	$200,000	$400,000	$400,000	$0	$0	$0	$0	$0	$0	$1,150,000
LAN/WAN Infrastructure	$370,000	$260,000	$260,000	$260,000	$0	$0	$0	$0	$0	$0	$1,150,000
Network Server Infrastructure	$300,000	$140,000	$0	$0	$0	$0	$0	$0	$0	$0	$440,000
Security	$200,000	$250,000	$190,000	$190,000	$0	$0	$0	$0	$0	$0	$830,000
Voice Over Internet Protocol	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Comcast Revenues Total	$1,970,000	$1,300,000	$1,300,000	$1,300,000	$0	$0	$0	$0	$0	$0	$5,870,000
Sanitary Sewer Fees											
Sanitary Sewers											
Citywide Sewershed Infiltration & Inflow	$0	$0	$0	$150,000	$285,000	$400,000	$0	$0	$0	$0	$835,000
Combined Sewer Overflow 001 Planning	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Combined Sewer Separation Projects	$0	$0	$0	$0	$0	$0	$0	$0	$175,000	$0	$175,000
Sewer Assessment & Rehabilitation	$0	$0	$0	$0	$370,000	$1,275,000	$1,275,000	$0	$0	$0	$2,920,000
Wet Weather Management Facility	$150,000	$250,000	$0	$0	$0	$0	$0	$0	$0	$0	$400,000
Combined Sewer System (CSS) Permit Compliance	$0	$0	$200,000	$0	$0	$0	$180,000	$0	$0	$0	$380,000
Reconstructions & Extensions of Sanitary Sewers	$0	$0	$0	$360,000	$0	$0	$500,000	$0	$525,000	$0	$1,385,000
Stormwater Management											
Green Infrastructure in CSO Areas	$25,000	$50,000	$0	$0	$0	$0	$0	$0	$0	$0	$75,000
Sanitary Sewer Fees Total	$675,000	$300,000	$200,000	$510,000	$655,000	$1,675,000	$1,955,000	$0	$700,000	$0	$6,670,000
GO Bonds - Sanitary Sewer											
Sanitary Sewers											
Citywide Sewershed Infiltration & Inflow	$0	$3,000,000	$2,375,000	$2,925,000	$2,565,000	$3,600,000	$0	$0	$0	$0	$14,465,000
Combined Sewer Separation Projects	$0	$200,000	$200,000	$600,000	$200,000	$200,000	$600,000	$200,000	$25,000	$600,000	$2,825,000
Sewer Assessment & Rehabilitation	$0	$0	$0	$0	$1,480,000	$0	$0	$0	$0	$0	$1,480,000
Wet Weather Management Facility	$2,100,000	$2,000,000	$0	$8,750,000	$9,000,000	$0	$0	$0	$0	$0	$21,850,000
Combined Sewer System (CSS) Permit Compliance	$0	$300,000	$100,000	$300,000	$300,000	$300,000	$120,000	$300,000	$300,000	$300,000	$2,320,000
Reconstructions & Extensions of Sanitary Sewers	$0	$900,000	$900,000	$540,000	$900,000	$900,000	$400,000	$900,000	$375,000	$900,000	$6,715,000
AlexRenew Wastewater Treatment Plant Capacity	$0	$0	$0	$0	$0	$11,070,000	$11,400,000	$11,750,000	$0	$0	$34,220,000
Stormwater Management											
Green Infrastructure in CSO Areas	$325,000	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$525,000
GO Bonds - Sanitary Sewer Total	$2,425,000	$6,600,000	$3,575,000	$13,115,000	$14,445,000	$16,070,000	$12,520,000	$13,150,000	$700,000	$1,800,000	$84,400,000
Stormwater Local Assistance Fund											
Stormwater Management											
Lake Cook Stormwater Management	$1,200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,200,000
Stormwater Local Assistance Fund Total	$1,200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,200,000
GO Bonds - Potomac Yard											
Transportation											
Potomac Yard Metrorail Station	$0	$0	$204,000,000	$0	$0	$0	$0	$0	$0	$0	$204,000,000
GO Bonds - Potomac Yard Total	$0	$0	$204,000,000	$0	$0	$0	$0	$0	$0	$0	$204,000,000
PY Special Tax District Revenues											
Transportation											
Potomac Yard Metrorail Station	$2,525,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$5,525,000
PY Special Tax District Revenues Total	$2,525,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$5,525,000
New Freedom Grant											
Transportation											
Complete Streets	$320,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$320,000
New Freedom Grant Total	$320,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$320,000

Revenue Source/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
NVTA - 70%											
Transportation											
Bus Shelters and Benches	$450,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$450,000
Citywide Transportation Management System (SCOOT/TDi)	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Landmark Transit Station	$0	$0	$0	$0	$0	$0	$0	$0	$600,000	$5,400,000	$6,000,000
Potomac Yard Metrorail Station	$2,500,000	$1,000,000	$66,000,000	$0	$0	$0	$0	$0	$0	$0	$69,500,000
Route 1 Transitway	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000
Transit Corridor "A" - Crystal City/Potomac Yard Streetcars	$0	$0	$0	$0	$0	$0	$3,000,000	$0	$0	$0	$3,000,000
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	$250,000	$0	$0	$0	$0	$210,000	$0	$2,100,000	$2,000,000	$15,000,000	$19,560,000
Transit Corridor "C" - Beauregard	$0	$2,400,000	$19,740,000	$20,000,000	$20,000,000	$0	$0	$0	$0	$0	$62,140,000
DASH Bus Fleet Expansion	$3,250,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,250,000
NVTA - 70% Total	$7,550,000	$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	$165,000,000
NVTA - 30%											
Transportation											
Access to Transit	$60,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$60,000
Bus Shelters and Benches	$1,100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,100,000
Cameron & Prince Bicycle Facilities	$0	$300,000	$0	$0	$0	$0	$0	$0	$0	$0	$300,000
Route 1 @ E. Reed Intersection Improvements	$350,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$350,000
WMATA Capital Contributions	$2,500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,500,000
Seminary Road at Beauregard Street Ellipse	$425,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$425,000
DASH Bus Fleet Expansion	$0	$0	$0	$2,600,000	$0	$2,600,000	$0	$1,950,000	$0	$0	$7,150,000
King Street Metrorail Station Area Improvements	$0	$0	$7,640	$7,640	$7,640	$0	$0	$0	$0	$0	$22,920
DASH Bus Fleet Replacements (Since FY 2011)	$4,550,000	$3,900,000	$5,200,000	$2,600,000	$3,900,000	$0	$3,250,000	$1,950,000	$3,900,000	$3,900,000	$33,150,000
NVTA - 30% Total	$8,985,000	$4,200,000	$5,207,640	$5,207,640	$3,907,640	$2,600,000	$3,250,000	$3,900,000	$3,900,000	$3,900,000	$45,057,920
Reprogrammed VDOT Funds											
Transportation											
King & Beauregard Intersection Improvements	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Reprogrammed VDOT Funds Total	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000
State Revenue Sharing											
Transportation											
Street Reconstruction & Resurfacing of Major Roads	$118,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$9,118,000
State Revenue Sharing Total	$118,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$9,118,000
Urban Funds											
Transportation											
Transit Corridor "C" - Beauregard	$0	$0	$752,000	$1,034,000	$1,331,000	$0	$0	$0	$0	$0	$3,117,000
King Street Metrorail Station Area Improvements	$0	$0	$374,360	$374,360	$374,360	$0	$0	$0	$0	$0	$1,123,080
Urban Funds Total	$0	$0	$1,126,360	$1,408,360	$1,705,360	$0	$0	$0	$0	$0	$4,240,080
Private Development Contributions											
Community Development											
Braddock Road Area Plan - Streetscape Improvements	$210,831	$0	$0	$0	$0	$0	$0	$0	$0	$0	$210,831
Public Buildings											
Fire Station 211 (Beauregard)	$0	$0	$1,100,000	$5,000,000	$5,100,000	$0	$0	$0	$0	$0	$11,200,000
Recreation & Parks											
Braddock Area Plan Park	$855,221	$0	$403,843	$0	$0	$0	$0	$0	$0	$0	$1,259,064
Transportation											
Transit Corridor "C" - Beauregard	$0	$2,600,000	$12,100,000	$12,500,000	$0	$0	$0	$0	$0	$0	$27,200,000
Seminary Road at Beauregard Street Ellipse	$750,000	$0	$0	$3,500,000	$16,200,000	$16,700,000	$0	$0	$0	$0	$37,150,000
Private Development Contributions Total	$1,816,052	$2,600,000	$13,603,843	$21,000,000	$21,300,000	$16,700,000	$0	$0	$0	$0	$77,019,895

Revenue Source/CIP Section/Project	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Private Capital Contributions											
Recreation & Parks											
Chinquapin Aquatics Center (Renovations w/ Competition Pool)	$0	$0	$2,500,000	$0	$0	$0	$0	$0	$0	$0	$2,500,000
Private Capital Contributions Total	$0	$0	$2,500,000	$0	$0	$0	$0	$0	$0	$0	$2,500,000
Total, All Funding Sources	$92,464,283	$118,826,502	$400,137,344	$172,769,012	$145,839,881	$111,091,642	$125,092,903	$87,834,496	$92,773,660	$111,703,929	$1,458,533,652

Table 4
Proposed FY 2015 – 2024 Capital Improvement Program
Debt Service Indicators

Table 4 Debt Service Indicators					
	Total Debt Service	Outstanding Debt/1	General Government Expenditures /2	Assessed Value of Real Property (Thousands of Dollars)/3	Personal Income (Thousands of Dollars)/4
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	539,280,000	787,414,466	35,895,637	12,115,212
FY 2015	64,441,506	535,812,000	843,362,449	36,856,289	12,393,862
FY 2016	69,838,178	570,502,000	865,328,143	38,127,831	12,678,921
FY 2017	75,056,514	783,785,000	1,068,476,460	39,824,519	13,059,288
FY 2018	81,501,981	827,594,000	912,345,075	41,815,745	13,451,067
FY 2019 / 5	95,258,357	839,474,000	950,811,128	43,906,533	13,854,599
FY 2020	96,528,077	845,203,000	992,963,985	46,101,859	14,339,510
FY 2021	99,491,941	879,186,000	1,041,379,484	48,406,952	14,841,393
FY 2022	102,411,642	873,019,000	1,092,803,758	50,827,300	15,435,049
FY 2023	106,950,338	864,964,000	1,126,709,496	53,368,665	16,052,450
FY 2024	109,203,853	856,619,000	1,180,742,221	56,037,098	16,694,548

/1 Beginning in FY 2006, debt attributable to sanitary sewer capital projects is excluded because sanitary sewer systems are 100% self-supporting.

/2 General Government expenditures after FY 2015 are based on a long range forecast scenario.

/3 Presented on a calendar year basis. Future growth assumes a 2.69% growth in FY 2014,3.45% in FY 2015, 4.45% growth for FY 2016, and 5.0% from FY 2017 - 2024.

/4 Personal income nubmers through FY 2013 taken from the Bureau of Economic Analysis.

/5 Reflects debt service for self-funded proposed Potomac Yard Metrorail Station starting in FY 2019 (Bonds issued FY 2017).

Table 4 (Continued)
Proposed FY 2015 – 2024 Capital Improvement Program
Debt Service Indicators

(Indicators Exclude Exempt Sanitary Sewer 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 2002	3.5%	1.0%	2.2%
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	7.6%	1.4%	4.1%
FY 2016	8.1%	1.4%	4.3%
FY 2017 / 2	7.0%	1.9%	5.8%
FY 2018	8.9%	1.9%	5.8%
FY 2019	10.0%	1.8%	5.7%
FY 2020	9.7%	1.7%	5.4%
FY 2021	9.6%	1.7%	5.4%
FY 2022	9.4%	1.6%	5.1%
FY 2023	9.5%	1.5%	4.9%
FY 2024	9.2%	1.4%	4.7%

/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 6, below, summarizes the annual debt service for all currently outstanding general obligation bond issues of the City of Alexandria. Tables 6 through 21, 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, 2014			
Fiscal Year	Principal	Interest	Total
2015	$38,335,000	$23,310,551	$61,645,551
2016	$38,985,000	$21,637,194	$60,622,194
2017	$39,585,000	$19,872,219	$59,457,219
2018	$39,480,000	$18,131,893	$57,611,893
2019	$39,370,000	$16,364,431	$55,734,431
2020	$37,105,000	$14,629,404	$51,734,404
2021	$34,175,000	$13,015,650	$47,190,650
2022	$31,350,000	$11,479,869	$42,829,869
2023	$31,450,000	$10,064,694	$41,514,694
2024	$29,575,000	$8,611,344	$38,186,344
2025	$28,250,000	$7,435,319	$35,685,319
2026	$26,310,000	$6,230,106	$32,540,106
2027	$23,345,000	$5,039,200	$28,384,200
2028	$23,345,000	$3,978,800	$27,323,800
2029	$24,595,000	$2,979,188	$27,574,188
2030	$20,245,000	$1,930,450	$22,175,450
2031	$15,445,000	$1,155,125	$16,600,125
2032	$11,045,000	$626,600	$11,671,600
2033	$7,290,000	$278,300	$7,568,300
Total	$539,280,000	$186,770,337	$726,050,337

Table 6. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $63.8 MILLION - (JULY, 2013) Debt Outstanding at June 30, 2014			
Fiscal Year	Principal	Interest	Total
2015	$3,305,000	$2,892,100	$6,197,100
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	$62,800,000	$28,014,150	$90,814,150

Table 7. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $17.34 MILLION - (JULY, 2012) Debt Outstanding at June 30, 2014			
Fiscal Year	Principal	Interest	Total
2015	$85,000	$575,250	$660,250
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	$17,180,000	$4,148,050	$21,328,050

Table 8. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $63.625 MILLION - (APRIL, 2012) Debt Outstanding at June 30, 2014			
Fiscal Year	Principal	Interest	Total
2015	$3,135,000	$2,572,800	$5,707,800
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	$60,735,000	$14,132,300	$74,867,300

Table 9. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $69.95 MILLION - (JULY, 2011) Debt Outstanding at June 30, 2014			
Fiscal Year	**Principal**	**Interest**	**Total**
2015	$3,000,000	$2,575,719	$5,575,719
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	$66,950,000	$23,331,665	$90,281,665

Table 10. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $17.0 MILLION - A (JULY, 2010)* Debt Outstanding at June 30, 2014			
Fiscal Year	**Principal**	**Interest**	**Total**
2015	$3,700,000	$2,921,900	$6,621,900
2016	$3,700,000	$2,755,400	$6,455,400
2017	$3,700,000	$2,588,900	$6,288,900
Total	$11,100,000	$8,266,200	$19,366,200

* Tax-exempt portion of bond issuance

Table 11. City of Alexandria, VA BUILD AMERICA BOND ISSUE OF $55.3 MILLION - B (JULY, 2010)* Debt Outstanding at June 30, 2014			
Fiscal Year	**Principal**	**Interest**	**Total**
2015	$0	$0	$0
2016	$0	$0	$0
2017	$0	$0	$0
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	$19,294,650	$74,594,650

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

Table 12. City of Alexandria, VA BUILD AMERICA BOND ISSUE OF $44.5 MILLION - B (JUNE, 2009)* Debt Outstanding at June 30, 2014			
Fiscal Year	Principal	Interest	Total
2015	$0	$2,380,250	$2,380,250
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	$26,997,225	$71,497,225

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

Table 13. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $35.2 MILLION - A (JUNE, 2009)* Debt Outstanding at June 30, 2014			
Fiscal Year	Principal	Interest	Total
2015	$4,100,000	$781,563	$4,881,563
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	$24,600,000	$2,749,563	$27,349,563

* Tax-exempt portion of bond issuance

Table 14. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $58.0 MILLION - A (JULY, 2008)* Debt Outstanding at June 30, 2014			
Fiscal Year	Principal	Interest	Total
2015	$3,100,000	$1,937,500	$5,037,500
2016	$3,100,000	$1,728,250	$4,828,250
2017	$3,100,000	$1,573,250	$4,673,250
2018	$3,100,000	$1,418,250	$4,518,250
2019	$3,100,000	$1,294,250	$4,394,250
2020	$3,100,000	$1,170,250	$4,270,250
2021	$3,100,000	$1,038,500	$4,138,500
2022	$3,100,000	$914,500	$4,014,500
2023	$3,100,000	$790,500	$3,890,500
2024	$3,100,000	$662,625	$3,762,625
2025	$3,100,000	$532,425	$3,632,425
2026	$3,100,000	$400,675	$3,500,675
2027	$3,100,000	$268,925	$3,368,925
2028	$3,100,000	$135,625	$3,235,625
2029	$3,100,000	$67,813	$3,167,813
Total	$46,500,000	$13,933,338	$60,433,338

* Tax-exempt portion of bond issuance

Table 15. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $5.0 MILLION - B (JULY, 2008)* Debt Outstanding at June 30, 2014			
Fiscal Year	Principal	Interest	Total
2015	$250,000	$194,031	$444,031
2016	$250,000	$176,250	$426,250
2017	$250,000	$163,750	$413,750
2018	$250,000	$150,625	$400,625
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	$3,750,000	$1,792,156	$5,542,156

* Taxable portion of bond issuance for Glebe Park housing project

Table 16. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $22.8 MILLION - A (MAY, 2007)* Debt Outstanding at June 30, 2014			
Fiscal Year	Principal	Interest	Total
2015	$2,890,000	$909,450	$3,799,450
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	$19,910,000	$3,795,850	$23,705,850

* Tax exempt bond issuance refinanced prior City bond issuance

Table 17. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $56.0 MILLION - A (JUNE, 2006)** Debt Outstanding at June 30, 2014			
Fiscal Year	Principal	Interest	Total
2015	$2,915,000	$513,769	$3,428,769
2016	$2,915,000	$397,169	$3,312,169
2017	$0	$251,419	$251,419
2018	$0	$251,419	$251,419
2019	$0	$251,419	$251,419
2020	$0	$251,419	$251,419
2021	$0	$251,419	$251,419
2022	$0	$251,419	$251,419
2023	$0	$251,419	$251,419
2024	$0	$251,419	$251,419
2025	$2,915,000	$251,419	$3,166,419
2026	$2,915,000	$127,531	$3,042,531
Total	$11,660,000	$3,301,240	$14,961,240

** Tax exempt portion of bond issuance

Table 18. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $15.0 MILLION - B (JUNE, 2006)* Debt Outstanding at June 30, 2014			
Fiscal Year	Principal	Interest	Total
2015	$750,000	$521,625	$1,271,625
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	$9,000,000	$3,435,000	$12,435,000

* Taxable portion of bond issuance (affordable housing)

Table 19. City of Alexandria, VA *GENERAL OBLIGATION BOND ISSUE OF $54.8 MILLION - C (NOVEMBER, 2004) Debt Outstanding at June 30, 2014			
Fiscal Year	Principal	Interest	Total
2015	$2,740,000	$137,000	$2,877,000
Total	$2,740,000	$137,000	$2,877,000

Table 20. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $32.5 MILLION - B (OCTOBER, 2004)* Debt Outstanding at June 30, 2014			
Fiscal Year	Principal	Interest	Total
2015	$3,085,000	$797,369	$3,882,369
2016	$3,060,000	$666,256	$3,726,256
2017	$3,050,000	$513,256	$3,563,256
2018	$3,015,000	$383,631	$3,398,631
2019	$2,980,000	$255,494	$3,235,494
2020	$2,945,000	$128,844	$3,073,844
Total	$18,135,000	$2,744,850	$20,879,850

* Tax exempt bond issuance refinanced prior City bond issuance

Table 21. City of Alexandria, VA GENERAL OBLIGATION BOND ISSUE OF $34.0 MILLION - (JANUARY, 1999) Debt Outstanding at June 30, 2014			
Fiscal Year	**Principal**	**Interest**	**Total**
2015	$2,000,000	$490,000	$2,490,000
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	$10,000,000	$1,490,000	$11,490,000

CAPITAL PROJECT DETAILS

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Capital Project Details Sheets

The detail sheets contained in sections 7 – 14 of the Capital Improvement Program (CIP) document provide a variety of information about the City's Capital Improvement Program (CIP) projects. The FY 2015 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 possible, information on the useful life of the improvement.

Financial (Budget) Information

For Category 1 projects, financial information (budget) is displayed by providing information on unallocated and allocated project balances, and then FY 2015 – 2024 projects. Since these are annual maintenance of effort projects, that allocated and unallocated balances provide information on the rate of implementation and in some cases may be utilized to reprogram planned funding if sufficient balances exist to complete the work plan for the coming fiscal year. A Category 1 project is shown below:

Ball Court Renovations													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*410,647*	*16,000*	0	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,350,000
Financing Plan													
Prior City Funding	*410,647*	*16,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	135,000
Cash Capital	*0*	*0*	0	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	1,215,000
Total Financing Plan	*410,647*	*16,000*	0	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,350,000
Add. 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: Reduced funding planned in last year's CIP in FY 2015 from $150,000 to $0 based on available project balances. No changes from FY 2016 - 2023. Add funding for FY 2024.													

For Category 2 or 3 projects, financial (budget) information is displayed by providing the total cost of the project, which is equal to all project funding through FY 2014, and then planned funding for FY 2015 – 2024. Since these projects have a defined start and finish date, providing total project costs is more beneficial than providing allocated and unallocated balances. Before the FY 2014 CIP, the total project was not always clear, or not included. Providing the total project cost will also make it easier to track changes in the project budget over the years. A Category 2 project is shown below:

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	5,697,500	*1,697,500*	300,000	3,700,000	0	0	0	0	0	0	0	0	4,000,000
Financing Plan													
General Obligation Bonds	2,868,953	*923,953*	0	1,945,000	0	0	0	0	0	0	0	0	1,945,000
Cash Capital	2,793,547	*738,547*	300,000	1,755,000	0	0	0	0	0	0	0	0	2,055,000
Private Capital Contributions	35,000	*35,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	5,697,500	*1,697,500*	300,000	3,700,000	0	0	0	0	0	0	0	0	4,000,000
Add. 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. There is an allocated and unallocated project balance of $1,299,692 that will be used to support the $4.0 million planned for this project in FY 2015 and FY 2016.													

Additionally, information providing the costs of additional operating impacts associated with project completion and any budget changes from the prior year CIP is 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 & City Manager's Performance Plan

Relevant information to link the project to the City's Strategic Plan and the City Manager's Performance Plan 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 City Manager's Performance Plan 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 FY 2014 budget is discussed. 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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Proposed FY 2015 – 2024 Capital Improvement Program (CIP)
City Manager's Proposed CIP Compared to Superintendent's Proposed CIP

City Manager's Proposed FY 2015 - 2024 CIP

Capital Improvement Program	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2015 - 2024
City Manager's Proposed ACPS CIP	$ 17,715,817	$ 38,808,279	$ 21,190,135	$ 50,371,893	$ 23,839,966	$ 14,874,892	$ 14,977,281	$ 22,867,962	$ 36,988,176	$ 37,416,455	$ 279,050,856
Difference: City Manager's - Superintendent's	$ (38,532,440)	$ 27,000,000	$ (25,491,836)	$ (10,987,157)	$ 12,000,000	$ (52,415,174)	$ -	$ 8,000,000	$ 22,000,000	$ 22,000,000	$ (36,426,607)

Project	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2015 - 2024
Project Planning (Systemwide Capacity Projects)	$ 720,000	$ 550,000	$ 400,000	$ 400,000	$ 400,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 4,970,000
Future Capacity - TBD	$ -	$ -	$ -	$ 12,000,000	$ 12,000,000	$ -	$ -	$ 8,000,000	$ 22,000,000	$ 22,000,000	$ 76,000,000
Charles Barrett Capacity - Cafeteria & Parking	$ 910,267	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 910,267
Charles Barrett Classroom Addition	$ 863,712	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 863,712
Cora Kelly - New School	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Douglas MacArthur Classroom Addition	$ 151,625	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 151,625
George Mason - Classroom Addition	$ -	$ -	$ 888,065	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 888,065
James K. Polk Classroom Addition	$ 804,761	$ -	$ 5,724,613	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,529,374
John Adams - Core Space Renovation/Transportation	$ 220,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 220,000
Matthew Maury - Classroom Addition	$ -	$ -	$ -	$ 1,004,963	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,004,963
Patrick Henry - Additional Capacity	$ 3,000,000	$ 27,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 30,000,000
TC Williams: Minnie Howard Campus Classroom Addition	$ -	$ -	$ 2,500,000	$ 24,303,150	$ -	$ -	$ -	$ -	$ -	$ -	$ 26,803,150
TC Williams: Minnie Howard Campus Food Service Capacity	$ -	$ -	$ -	$ 1,188,686	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,188,686
Subtotal, "Capacity" Projects	$ 6,670,365	$ 27,550,000	$ 9,512,678	$ 38,896,799	$ 12,400,000	$ 500,000	$ 500,000	$ 8,500,000	$ 22,500,000	$ 22,500,000	$ 149,529,842

Subtotal, "Non-Capacity" Projects	$ 11,045,452	$ 11,258,279	$ 11,677,457	$ 11,475,094	$ 11,439,966	$ 14,374,892	$ 14,477,281	$ 14,367,962	$ 14,488,176	$ 14,916,455	$ 129,521,014

Superintendent's Proposed FY 2015 – 2024 CIP

Capital Improvement Program	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2015 - 2024
Superintendent's FY 15-24 ACPS CIP Request	$ 56,248,257	$ 11,808,279	$ 46,681,971	$ 61,359,050	$ 11,839,966	$ 67,290,066	$ 14,977,281	$ 14,867,962	$ 14,988,176	$ 15,416,455	$ 315,477,463

"Capacity" Project	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2015 - 2024
Project Planning (Systemwide Capacity Projects)	$ 720,000	$ 550,000	$ 400,000	$ 400,000	$ 400,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 4,970,000
New School (Site TBD)	$ -	$ -	$ -	$ -	$ -	$ 52,415,174	$ -	$ -	$ -	$ -	$ 52,415,174
Charles Barrett Capacity - Cafeteria & Parking	$ 910,267	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 910,267
Charles Barrett Classroom Addition	$ 863,712	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 863,712
Cora Kelly - New School	$ -	$ -	$ -	$ 48,478,993	$ -	$ -	$ -	$ -	$ -	$ -	$ 48,478,993
Douglas MacArthur Classroom Addition	$ 151,625	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 151,625
George Mason - Classroom Addition	$ -	$ -	$ 888,065	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 888,065
James K. Polk Classroom Addition	$ 804,761	$ -	$ 5,724,613	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,529,374
John Adams - Core Space Renovation/Transportation	$ 220,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 220,000
Matthew Maury - Classroom Addition	$ -	$ -	$ -	$ 1,004,963	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,004,963
Patrick Henry - Additional Capacity	$ 41,532,440	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 41,532,440
TC Williams: Minnie Howard Campus Classroom Addition	$ -	$ -	$ 26,803,150	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 26,803,150
TC Williams: Minnie Howard Campus Food Service Capacity	$ -	$ -	$ 1,188,686	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,188,686
Subtotal, "Capacity" Projects	$ 45,202,805	$ 550,000	$ 35,004,514	$ 49,883,956	$ 400,000	$ 52,915,174	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 185,956,449

Subtotal, "Non-Capacity" Projects	$ 11,045,452	$ 11,258,279	$ 11,677,457	$ 11,475,094	$ 11,439,966	$ 14,374,892	$ 14,477,281	$ 14,367,962	$ 14,488,176	$ 14,916,455	$ 129,521,014

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Alexandria City Public Schools (ACPS) Proposed Capital Improvement Program (CIP) Comparison of the Superintendent's Proposed FY 2015 – 2024 CIP and the City Manager's Proposed FY 2015 – 2024 CIP

Overview

On December 6, 2013, Alexandria City Public Schools (ACPS) Interim Superintendent Alvin L. Crawley, Ed.D., Interim Superintendent presented to the ACPS School Board a Proposed FY 2015 – 2024 Capital Improvement Program (CIP). Similar to last year, the Superintendent presented both Needs-Based and Resource-Constrained CIPs. The Needs-Based CIP requests $329.5 million over 10 years from the City, while the Resource-Constrained CIP equals $315.5 million. For the purposes of this analysis, City staff will use the Superintendent's Resource-Constrained proposed budget amounts of $315.5 million for FY 2015 – 2024, which includes a requested $56.2 million for FY 2015.

Comparison: FY 2015 – 2024 City Manager's Proposed and Superintendent's Proposed CIP

After receiving the Superintendent's Proposed CIP, the City Manager directed City staff to provide analysis on the total of their 10-year capital needs, with emphasis on reviewing the ACPS non-capacity requests. After reviewing the Superintendent's Proposed CIP, the City Manager has proposed two significant changes from last year's City Council Approved CIP.

The City Manager has recommended fully funding the non-capacity requests as proposed by the Superintendent for FY 2015 – 2024. Non-capacity projects are projects that support existing ACPS capital infrastructure. These projects can include roof and HVAC replacements, improvements to support facilities such as athletic facilities, and school bus and vehicle replacement. The City Manager has recommended a total $129.5 million over the ten-year plan support these non-capacity projects. This fully funds the Superintendent's request over the same ten-years.[1] The Superintendent has supported "smoothing" non-capacity funding in the ten-year plan, to keep a fairly level amount of funding for non-capacity projects in each year of the plan, instead of having large fluctuations in requested funding year-to-year as last year's plan proposed. The City Manager's Proposed CIP supports this "smoothing."

The City Manager has also recommended providing $149.5 million over the 10-year plan for capacity related projects. These projects include new school facilities including modular classrooms which will provide additional capacity for the current trend of increased enrollment throughout our City's schools as well as increased capacity for support facilities such as cafeterias and transportation infrastructure. The Superintendent's Proposed CIP requests $186.0 million for capacity related projects over the 10-year plan.

Capital Improvement Program	Non-Capacity	Capacity	Total
City Manager's Proposed CIP	$129,521,014	$149,529,842	$279,050,856
Superintendent's Proposed CIP	$129,521,014	$185,956,449	$315,477,463
Difference	$0	($36,426,607)	($36,426,607)

It is important to note that the after City Council approved last year's 10-year plan of $227.3 million on May 6, 2013, the ACPS School Board subsequently approved a $356.3 million CIP on May 23, 2013, a difference of $128.9 million. In the Proposed FY 2015 – 2024 CIP, the City Manager has recommended $279.1 million, while the Superintendent has requested $315.5 million, a difference of $36.4 million. While a difference still exists in the desired level of capital investment, this Proposed CIP makes significant progress towards finding an appropriate level of capital investment in ACPS facilities in the context of capital needs Citywide.

[1] ACPS has noted their non-capacity requests as $134.7 million in separate presentations. The difference between their amount and the City Manager's amount is related to the classification of expenditures associated with capacity related planning projects. ACPS classifies these under non-capacity, while the City Manager's Proposed CIP includes them under capacity. Those expenditures are funded by the City Manager as part of his recommended capacity funding. For the purposes of this analysis, $129.5 million will be used as the non-capacity amount requested by ACPS.

Capacity Projects: Proposed FY 2015 – 2024 Capital Improvement Program

The most immediate difference between the two plans involves total funding for the new Patrick Henry K-8 facility. The City Manager has proposed $31.5 million ($30.0 million in FY 2015 – 2016) for the capacity related improvements over FY 2014 – 2016, while the Superintendent has requested $43.0 million ($41.5 million) over the same time period for the facility, a difference of $11.5 million from the City Manager's Proposed CIP. The difference between the two plans is primarily due ACPS designating capacity related funding in FY 2014 for other schools such as Charles Barrett, Douglas Mac Arthur, George Mason and James K. Polk. This reduced the amount of funding available for the Patrick Henry K-8 facility in FY 2015.

The Superintendent has also requested $100.9 million for capacity related projects at Cora Kelly ($48.5 million in FY 2018) and a new facility at a site to be determined ($52.4 million in FY 2020). The City Manager's Proposed CIP recognizes the current ACPS enrollment trends will likely require additional facilities, but does not commit to a specific location or time frame for the new facilities. As such, the City Manager's Proposed CIP includes $76.0 million for new capacity projects from FY 2018 – FY 2024 at facilities and sites to be determined, a difference of $24.9 million from the Superintendent's Proposed CIP.

There is agreement on the remainder of capacity requests including the second year of funding for classroom additions and other capacity related projects that were started in FY 2014 at Charles Barrett, Douglas MacArthur, James K. Polk, and George Mason ($2.7 million) and $220,000 for transportation infrastructure improvements at John Adams. The Superintendent has requested $4.97 million in funding over the 10-year plan for project planning, design and engineering associated with capacity projects and the City Manager's Proposed CIP funds that request. There is also agreement on additional classrooms at George Mason ($888,065 in FY 2017); James K. Polk ($5.7 million in FY 2017); and Matthew Maury ($1.0 million in FY 2018). Finally, both plans include $28.0 million for additional classrooms and support facilities at Minnie Howard in FY 2018 - 2019.

FY 2015 Capital Year Budget

The Superintendent's Proposed FY 2015 capital year budget request totals $56,248,257. The request includes $45,202,805 in capacity related projects and $11,045,452 in non-capacity projects. The City Manager's Proposed FY 2015 capital year budget totals $17,715,817, fully funds the Superintendent's non-capacity request, and includes $6,670,365 in capacity related projects. A comparison of the FY 2015 capital year budgets is provided.

Capital Improvement Program (FY 2015 Only)	Non-Capacity	Capacity	Total
City Manager's Proposed CIP	$11,045,452	$6,670,365	$17,715,817
Superintendent's Proposed CIP	$11,045,452	$45,202,805	$56,248,257
Difference	$0	($38,532,440)	($38,532,440)

The difference between the two plans is related to the Patrick Henry K-8 project. In FY 2015, the City Manager's Proposed CIP includes $3.0 million for Patrick Henry to continue feasibility design and scope work. The Superintendent's Proposed CIP includes all funding for Patrick Henry through construction, a total of $41.5 million. City staff will work with ACPS to determine when funding will be required for the project, and achieve consensus on the years the projects is funded. Additionally, the Superintendent's Proposed CIP includes $41.5 million for Patrick Henry, while the City Manager's Proposed CIP includes only $30.0 million over FY 2015 – 2016. Regardless of the year the funding is requested, the Superintendent's Proposed CIP includes $11.5 million more than the City Manager has proposed for the project as noted earlier.

For non-capacity projects, the City Manager and Superintendent both recommend $11.0 million for capital infrastructure projects as proposed by the Superintendent.

Next Steps

It is noted that Alexandria City Public Schools (ACPS) School Board adopted their CIP on February 6, 2014. Any changes from the Superintendent's Proposed CIP to the ACPS School Board Adopted CIP will be noted by City staff and communicated to the City Manager for potential further discussion.

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

COMMUNITY DEVELOPMENT

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Community Development
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Community Development												
City-Wide Amenities												
Public Art Acquisition	*$150,000*	$150,000	$200,000	$250,000	$300,000	$350,000	$400,000	$450,000	$500,000	$500,000	$500,000	$3,600,000
Public Art Conservation Program	*$25,000*	$0	$15,000	$15,000	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$187,500
Transportation Signage & Wayfinding System	*$225,000*	$0	$200,000	$515,000	$361,000	$432,000	$241,000	$0	$0	$0	$0	$1,749,000
Gadsby Lighting Fixtures & Poles Replacement	*$110,000*	$0	$0	$75,000	$0	$75,000	$0	$75,000	$0	$75,000	$0	$300,000
Neighborhood Planning												
Waterfront Small Area Plan Implementation	*$495,000*	$1,400,000	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$2,000,000
Braddock Road Area Plan - Streetscape Improvements	*$377,680*	$255,831	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$660,831
King Street Plan Implementation	*$0*	$0	$150,000	$250,000	$250,000	$250,000	$0	$0	$0	$0	$0	$900,000
Waterways Maint. & Imprv.												
Four Mile Run Stream Restoration	*$1,497,005*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Oronoco Outfall	*$620,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
City Marina Waterfront Dredging	*$0*	$3,000,000	$0	$0	$0	$500,000	$5,000,000	$0	$0	$0	$0	$8,500,000
Environmental Restoration	*$378,750*	$0	$150,000	$0	$150,000	$0	$150,000	$0	$150,000	$0	$150,000	$750,000
Public Safety Enhancements												
Fire Department Vehicles & Apparatus	*$0*	$354,000	$1,487,000	$1,378,000	$874,000	$2,852,000	$3,446,000	$2,009,000	$2,583,000	$2,500,000	$6,000,000	$23,483,000
Replacement of Self Contained Breathing Apparatus	*$1,414,570*	$1,323,370	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,323,370
Citywide Street Lighting	*$0*	$0	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$225,000
Community Development Total	*$5,293,005*	$6,483,201	$2,872,000	$2,553,000	$2,027,500	$4,551,500	$9,329,500	$2,626,500	$3,325,500	$3,167,500	$6,742,500	$43,678,701

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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: TBD

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

Public Art Acquisition													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*0*	*150,000*	150,000	200,000	250,000	300,000	350,000	400,000	450,000	500,000	500,000	500,000	3,600,000
Financing Plan													
Cash Capital	*0*	*150,000*	150,000	200,000	250,000	300,000	350,000	400,000	450,000	500,000	500,000	500,000	3,600,000
Total Financing Plan	*0*	*150,000*	150,000	200,000	250,000	300,000	350,000	400,000	450,000	500,000	500,000	500,000	3,600,000
Add. 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: Add funding for FY 2024 only.													

Project Description & Justification

This project provides an annual funding stream for the purchase or commission of art in public spaces. The Public Art Acquisition Program will partially or fully fund public art at locations throughout the City as identified in the Public Art Master Plan (anticipated to be completed near the end of FY 2014). Results of the public art master plan will guide funding priorities for future years. Additionally, a public arts funding policy via private development was approved in October 2012. At that time, it was intended that the public sector would increase its arts investment in the Capital Improvement Program.

The Public Art Master Plan will be a comprehensive, community-based plan that outlines the goals and objectives for the public art program in Alexandria. The Plan will set priorities for the location and funding of projects; provide a framework for the shared financial and professional resources needed; and define the procedures for the oversight needed for public art projects to be successful. The Plan requires contracting outside consultants with expertise in this very specific type of planning. The public art master planning process will be a community based project that will take consultants up to 18 months to complete.

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.

City's Strategic Plan & City Manager's Performance Plan

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

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*65,000*	*25,000*	0	15,000	15,000	22,500	22,500	22,500	22,500	22,500	22,500	22,500	187,500
Financing Plan													
Cash Capital	*65,000*	*25,000*	0	15,000	15,000	22,500	22,500	22,500	22,500	22,500	22,500	22,500	187,500
Total Financing Plan	*65,000*	*25,000*	0	15,000	15,000	22,500	22,500	22,500	22,500	22,500	22,500	22,500	187,500
Add. 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: Reduced funding planned in last year's CIP in FY 2015 from $15,000 to $0 based on available project balances. No changes from FY 2016 - 2023. Add funding for FY 2024.

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 & City Manager's Performance Plan

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

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: Planning & Zoning
Supporting Department(s): Transportation & Environmental Services
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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	620,000	*620,000*											0
Financing Plan													
Cash Capital	2,369,000	*620,000*	0	200,000	515,000	361,000	432,000	241,000	0	0	0	0	1,749,000
Total Financing Plan	2,369,000	*620,000*	0	200,000	515,000	361,000	432,000	241,000	0	0	0	0	1,749,000
Add. Operating Impact													
Annual Impact			61,047	62,878	64,765	66,708	68,709	95,770	98,643	101,603	104,651	107,790	832,564
Cumulative Impact			61,047	123,925	188,690	255,398	324,107	419,877	518,520	620,123	724,774	832,564	832,564

Changes from Prior Year CIP: Funding planned in last year's CIP in FY 2015 has been shifted to FY 2016 based on the current project implementation rate. There is no change to planned funding in FY 2017 - 2020.

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 & City Manager's Performance Plan

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 is added in Planning & Zoning to support this and other transportation related projects ($61,047, paid through the TIP fund an increased annually by inflation beginning FY 2016). Beginning FY 2020, $25,000 is budgeted 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 nearing completion

Phase 3a - Vehicular signs for primary routes ($225,000, FY 2014 –FY 2015) – Currently in planning phase

Phase 3b – Metro station visitor kiosks, highway signs, freestanding interpretive panels ($200,000, FY 2016)

Phase 4 - City gateways, parking signs (non- Old Town), vehicular signs for secondary routes, shared use trail signs, destination identification signs ($515,000, FY 2017)

Phase 5 - Destination Identification signs (City attractions/parks/civic-double post), vehicular signs for secondary routes ($361,000, FY 2018)

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 2019)

Phase 7 - Interpretive panels and two-sided kiosks (Waterfront), district markers ($241,000, FY 2020)

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*15,975*	*110,000*	0	0	75,000	0	75,000	0	75,000	0	75,000	0	300,000
Financing Plan													
Cash Capital	*15,975*	*110,000*	0	0	75,000	0	75,000	0	75,000	0	75,000	0	300,000
Total Financing Plan	*15,975*	*110,000*	0	0	75,000	0	75,000	0	75,000	0	75,000	0	300,000
Add. 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 in total funding amount. All funding shifted back one year per the department's request, anticipated replacement schedule, and available balances.

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).

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 & City Manager's Performance Plan

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													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	4,095,000	*2,095,000*	1,400,000	600,000	0	0	0	0	0	0	0	0	2,000,000
Financing Plan													
Cash Capital	3,850,000	*1,850,000*	1,400,000	600,000	0	0	0	0	0	0	0	0	2,000,000
Reprogrammed TIP Balances	245,000	*245,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	4,095,000	*2,095,000*	1,400,000	600,000	0	0	0	0	0	0	0	0	2,000,000
Add. 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 in FY 2015 and FY 2016 to continue design and engineering work for Waterfront Small Area Plan future project implementation.

Project Description & Justification

This project provides continued funding for the initial design and engineering phases of implementation associated with the Alexandria Waterfront Small Area Plan approved by City Council in January 2012. Funding is provided to continue the following planning, design and engineering initiatives (dollar amounts represent appropriated funding through FY 2014 and planned funding for FY 2015):

- Waterfront Landscape Architecture and Flood Mitigation Project Design and Engineering ($2,700,000): Continued design and engineering services for the concept design for the parks and public spaces for the entire waterfront and the design and engineering of the public space and the flood mitigation project for the waterfront "core area" between Queen Street and Duke Street. The initial phases of this work were funded for FY 2013 with $750,000 and $550,000 in FY 2014. Additional funding budgeted in FY 2014 ($1.4 million) will be needed to advance the initial landscape and engineering beyond the 15-30% design stage.

- Utility Master Plan ($100,000): This study, in collaboration with Dominion Virginia Power and other utility companies, will create a plan for relocating existing overhead utilities underground along The Strand. Timely completion of this project will allow results to be incorporated into public space and flood mitigation design and allowing for much of the undergrounding to be completed by the private sector when redevelopment takes place. In FY 2014, Phase I of the Plan was developed to help facilitate the first proposed hotel in the Waterfront planning area that was approved in January 2014. Two additional phases will be pursued in FY 2015 in coordination with other anticipated redevelopment.

(Continued on next page)

City's Strategic Plan & City Manager's Performance Plan

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, 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

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.

- Union Street Corridor Recommendations ($450,000): This project comprises design and engineering of approved short and midterm recommendations of the Union Street Corridor Study. The Union Street Corridor Study examines strategies 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. The study was completed in FY 2013. In FY 2014, several short term improvements were implemented and work is continuing on implementation. Other mid-term improvements will continue to be pursued in FY 2015 and beyond in a manner that coincides with other redevelopment anticipated along the waterfront.

- King and Union Street Improvements ($245,000): Crosswalks and other improvements at King and Union, funded by the Transportation Improvement Program (TIP). Installation of a pedestrian plaza with outdoor seating on the unit block of King Street is being finalized and may be constructed in summer 2014.

The project was initiated in early 2009 as part of a new planning process for Alexandria's Waterfront. The Waterfront Small Area Plan will cover the area from Jones Point Park in the South to Daingerfield Island in the North. The project encompasses the implementation of specific elements of the Waterfront Small Area Plan, including but not limited to, a comprehensive plan for flood mitigation for the area between Duke and Queen Streets, enhanced and expanded park and public space improvements along the waterfront, upgrades to the utilities at the City Marina, and upgrades to City Marina's seawalls.

A number of capital improvements have already been made in the Waterfront Plan Area. In 1999, $674,000 was allocated to provide funding for the removal of deteriorating piles at the Old Town Yacht basin; for the inspection and repair of the waterfront bulkhead at Point Lumley Park; and the inspection and repair of devices used for tying up and docking large boats. An allocation of $350,000 was provided for the installation of a dry pipe system as a more effective means of combating a fire. A total of $850,000 was allocated in September 2001 to fund the planned repairs to the bulkhead at Point Lumley Park, including complete steel sheet piling replacement and landscaping; and modifications to the pier in front of the Chart House including mooring piles and a dolphin to render it suitable for the receipt and docking of mid-size boats. An additional $100,000 was spent in FY 2003 to complete the improvements. In November 2007, new capital funding of $892,743 for marina and signage improvements related to the National Harbor initiative was approved by Council. These projects have all been completed. Open space funding has been utilized to acquire three Waterfront parcels, with additional acquisitions planned.

Projects funded in the current CIP related to the Waterfront Small Area Plan are contained in different sections of this document and include:

- City Marina dredging in FY 2015 ($2.55 million + $0.45 million in FY 2014)
- The construction of new restrooms in the Waterfront/City Marina area ($75,000) in FY 2015.
- City Marina utilities upgrades ($1.25 million in FY 2016 - 2017)
- City Marina seawalls ($1.7 million in FY 2016 - 2017)
- The Windmill Hill Park project will receive $4.0 million in FY 2015 - 2016 for bulkhead improvements at Windmill Hill Park, although the total project scope and cost estimates are preliminary at this time.
- Open space funding is also planned in order to acquire Waterfront parcels.

Additional funding for other elements of the Waterfront Small Area Plan implementation will be considered as part of future City Capital Improvement Programs and funding is anticipated to come in part from developer contributions and incremental development triggered local taxes as described in the adopted Waterfront Small Area Plan. A study is underway of proposed Waterfront Plan implementation elements and revenues to pay for this plan.

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*0*	*377,680*	255,831	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	660,831
Financing Plan													
Cash Capital	*0*	*90,000*	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	450,000
Private Dev. Contributions	*0*	*245,994*	210,831	0	0	0	0	0	0	0	0	0	210,831
Total Financing Plan	*0*	*335,994*	255,831	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	660,831
Add. 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: Add funding for FY 2024 only.													

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.

City funding in the amount of $45,000/annually will be used in conjunction with private (development) capital contributions to fund this project. Private capital contributions budgeted include those received or committed from The Asher (FY 2014), The Madison (FY 2014), Braddock Gateway Phase I (FY 2015), and Braddock Metro Place (FY 2015).

Overall City investment in the Braddock Area Plan Implementation is likely to exceed the amount currently programmed. More detailed cost implications will be developed as specific projects 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 & City Manager's Performance Plan

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 East Master Plan adopted by City Council, October 2008

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.

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: 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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	900,000	*0*	0	150,000	250,000	250,000	250,000	0	0	0	0	0	900,000
Financing Plan													
General Obligation Bonds	600,000	*0*	0	0	200,000	200,000	200,000	0	0	0	0	0	600,000
Cash Capital	300,000	*0*	0	150,000	50,000	50,000	50,000	0	0	0	0	0	300,000
Total Financing Plan	900,000	*0*	0	150,000	250,000	250,000	250,000	0	0	0	0	0	900,000
Add. 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: No changes from prior year CIP.													

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 2016 and coordinated with Transportation & Environmental Services, Planning & Zoning and Recreation, Parks & Cultural Activities with implementation scheduled for FY 2017 - 2019.

The project includes $150,000 for the preparation of the streetscape plan in FY 2016 and funding for streetscape improvements will be $250,000 annually from FY 2017 through FY 2019.

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 & City Manager's Performance Plan

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: Recreation & Parks
Supporting Department(s): Transportation & Environmental Services
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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
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
Add. 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.

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 Northern Virginia Regional Commission (NVRC) is the project manager for the design of this project. Since design began in 2008, and wtih the impact of Hurricane Katrina, the United States Army Corps of Engineers (USACE) has changed policy, putting this project into a Major Modification category which would require USACE District Headquarters and 3rd Party Peer review for approval. Indications from the USACE Baltimore District suggest the project would not be approved by USACE without a technical amendment which requires Congressional action. The City and County staff have recently been advised that such action is unlikely. As such, the jurisdictions are working together to re-focus use of the federal and local funds on bank and wetland restoration in the Four Mile Run watershed.

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

City's Strategic Plan & City Manager's Performance Plan

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 2016.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	6,461,505	*6,461,505*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	5,535,000	*5,535,000*	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	926,505	*926,505*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	6,461,505	*6,461,505*	0	0	0	0	0	0	0	0	0	0	0
Add. Operating Impact													
Annual Impact			150,000	154,500	159,135	163,909	168,826	173,891	179,108	184,481	190,016	195,716	1,719,582
Cumulative Impact			150,000	304,500	463,635	627,544	796,370	970,261	1,149,369	1,333,850	1,523,866	1,719,582	1,719,582

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

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 two of the project consists of dredging the impacted material. Final plans and specifications will be put out to bid in the first half of 2014, with construction anticipated to begin in late 2014 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.

City's Strategic Plan & City Manager's Performance Plan

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 2015 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 after construction is completed, as well as on-going free product recovery efforts adjacent to the source area.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	8,900,000	*400,000*	3,000,000	0	0	0	500,000	5,000,000	0	0	0	0	8,500,000
Financing Plan													
General Obligation Bonds	5,750,000	*0*	2,000,000	0	0	0	0	3,750,000	0	0	0	0	5,750,000
Cash Capital	3,150,000	*400,000*	1,000,000	0	0	0	500,000	1,250,000	0	0	0	0	2,750,000
Total Financing Plan	8,900,000	*400,000*	3,000,000	0	0	0	500,000	5,000,000	0	0	0	0	8,500,000
Add. 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 FY 2015 funding of $2.55 million increased to $3.0 million based on an updated estimate prepared by staff based on previous cost of dredging and results of the latest bathymetric survey. FY 2020 funding increased by $1.0 million to potentially dredge the marina deeper based on the progress of the Waterfront Small Area Plan implementation.

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 FY 2015 and FY 2020, with design work being performed in the prior years.

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 & City Manager's Performance Plan

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 support's 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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*323,461*	*378,750*	0	150,000	0	150,000	0	150,000	0	150,000	0	150,000	750,000
Financing Plan													
Prior City Funding	*323,461*	*378,750*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	150,000	0	150,000	0	150,000	0	150,000	0	150,000	750,000
Total Financing Plan	*323,461*	*378,750*	0	150,000	0	150,000	0	150,000	0	150,000	0	150,000	750,000
Add. 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: Total funding reduced from $900,000 in last year's plan to $750,000 per department's request. Funding is requested every other year for projects to be identified.													

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 & City Manager's Performance Plan

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 do not 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: 45512236

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

Fire Department Vehicles & Apparatus													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*555,272*	*0*	354,000	1,487,000	1,378,000	874,000	2,852,000	3,446,000	2,009,000	2,583,000	2,500,000	6,000,000	23,483,000
Financing Plan													
General Obligation Bonds	*555,272*	*0*	354,000	1,487,000	1,378,000	874,000	2,852,000	3,446,000	2,009,000	2,583,000	2,500,000	6,000,000	23,483,000
Total Financing Plan	*555,272*	*0*	354,000	1,487,000	1,378,000	874,000	2,852,000	3,446,000	2,009,000	2,583,000	2,500,000	6,000,000	23,483,000
Add. 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: Add funding for FY 2024 only.

Project Description & Justification

The Fire Department has proposed 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 & City Manager's Performance Plan

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.

Replacement of Self Contained Breathing Apparatus (SCBA)

Document Subsection: Public Safety Enhancements
Managing Department: Fire Department
Supporting Department(s): N/A
OCA: TBD

Project Location: N/A
Reporting Area: Citywide
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 10-15 years

Replacement of Self Contained Breathing Apparatus (SCBA)													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*0*	*1,414,570*	1,323,370	0	0	0	0	0	0	0	0	0	1,323,370
Financing Plan													
Cash Capital	*0*	*1,414,570*	1,323,370	0	0	0	0	0	0	0	0	0	1,323,370
Total Financing Plan	*0*	*1,414,570*	1,323,370	0	0	0	0	0	0	0	0	0	1,323,370
Add. 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 FY 2015 funding reduced from $1.414 million to $1.323 million due to the total number of SCBAs planned for replacement being reduced by 10 (associated with the elimination of 10 vacant fire fighter positions in the operating budget).

Project Description & Justification

Replacement of Self Contained Breathing Apparatus (SCBA) covers all firefighters, medics and fire marshals that might enter an immediately dangerous to life and health environment. Only with this equipment is it safe for employees to enter such an environment which is critical to the first responder mission of saving lives. The Fire Department also administers and maintains the SCBA program for the City (including the Sheriff's Office and Police Department).

The AFD currently has 110 SCBA two cycles replacement schedules behind (compliant with 1997 standards) that were received in 2001 after 9/11. The Department also has 105 SCBA that are compliant with 2002 standards that have mixed age and range from 6-10 years old. It is optimal that the AFD replace the entire fleet of SCBA all at one time and not incrementally. It is more efficient (and provides for greater personal safety) for an employee to train on one type of SCBA and then use the same type of SCBA on a regular assignment so they are familiar with the equipment. Replacing the entire fleet of SCBA at the same time will ensure all equipment is standardized.

The City projects the need to replace 297 SCBA units is estimated to cost approximately $2.74 million. This will cover the Fire Department (including volunteers), Police Department, and Sheriff's Office. This figure may change slightly due to the proper number of components that come with an SCBA purchase such as the number of cylinders, face pieces, and Pak-Tracking equipment to locate an individual in the scene of an emergency. In addition, these costs are based on estimates from a vendor, and final pricing will not be set until a purchase is made in late FY 2014.

City's Strategic Plan & City Manager's Performance Plan

Primary Strategic Plan Goal: Goal 6 – Public Safety

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

- N/A

Additional Operating Budget Impact

These costs ($15,000 per year for spare parts and repairs) are already budgeted in the Fire Department's Operating Budget, so there is no additional operating impact.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	912,878	*687,878*	0	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
Financing Plan													
Cash Capital	902,500	*677,500*	0	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
Private Capital Contributions	10,328	*10,328*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	912,828	*687,828*	0	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
Add. Operating Impact													
Annual Impact			0	0	600	1,200	1,800	2,400	3,000	3,600	4,200	4,800	21,600
Cumulative Impact			0	0	600	1,800	3,600	6,000	9,000	12,600	16,800	21,600	21,600

Changes from Prior Year CIP: Add funding for FY 2024 only.

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.

Funding is not scheduled to begin until 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 & City Manager's Performance Plan

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.

RECREATION AND PARKS

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Recreation and Parks
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Recreation & Parks												
Park Maintenance & Improvements												
Restaurant Depot Contribution Projects	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Americans with Disabilities Act (ADA) Requirements	*$49,000*	$0	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$29,000	$261,000
Ball Court Renovations	*$16,000*	$0	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,350,000
Park Renovations CFMP	*$309,000*	$238,000	$338,000	$338,000	$438,000	$438,000	$438,000	$438,000	$438,000	$438,000	$438,000	$3,980,000
Playground Renovations CFMP	*$565,000*	$650,000	$750,000	$500,000	$550,000	$600,000	$650,000	$650,000	$700,000	$700,000	$700,000	$6,450,000
Tree & Shrub Capital Maintenance	*$0*	$176,000	$226,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$326,000	$3,010,000
Soft Surface Trails	*$20,000*	$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	*$177,000*	$0	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$128,000	$1,152,000
Pavement Improvements in Parks	*$0*	$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	*$0*	$20,000	$225,000	$225,000	$225,000	$205,000	$0	$0	$0	$0	$0	$900,000
Windmill Hill Park Improvements	*$764,773*	$300,000	$3,700,000	$0	$0	$0	$0	$0	$0	$0	$0	$4,000,000
Park Maintenance Facilities	*$0*	$0	$0	$30,000	$210,000	$0	$0	$0	$0	$0	$0	$240,000
Athletic Field Improvements (incl. Synthetic Turf)	*$0*	$0	$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	$16,110,000
Recreation Facility Maintenance												
City Marina Maintenance	*$147,000*	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$900,000
Public Pools	*$0*	$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	*$0*	$700,000	$700,000	$700,000	$700,000	$700,000	$700,000	$700,000	$700,000	$700,000	$700,000	$7,000,000
Renovated or New Recreation Facilities												
Chinquapin Aquatics Center (Renovations w/ Competition Pool)	*$0*	$0	$4,500,000	$15,000,000	$0	$0	$0	$0	$0	$0	$0	$19,500,000
Aquatics Facilities TBD	*$0*	$0	$0	$0	$5,000,000	$0	$0	$0	$0	$0	$0	$5,000,000
Braddock Area Plan Park	*$764,773*	$855,221	$0	$403,843	$0	$0	$0	$0	$0	$0	$0	$1,259,064
Patrick Henry Recreation Center	*$0*	$485,000	$5,665,000	$0	$0	$0	$0	$0	$0	$0	$0	$6,150,000
Boothe Park and Playground Renovation	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
East Del Ray Avenue Pocket Park (Phase II)	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
City Marina Restrooms	*$0*	$75,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$75,000
City Marina Seawalls	*$0*	$0	$255,000	$1,445,000	$0	$0	$0	$0	$0	$0	$0	$1,700,000
City Marina Utility Upgrades	*$0*	$0	$187,000	$1,063,000	$0	$0	$0	$0	$0	$0	$0	$1,250,000
Open Space Acquisition & Development												
Open Space Acquisition and Develop.	*$5,354,840*	$0	$800,000	$1,500,000	$0	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$26,300,000
Recreation & Parks Total	*$8,167,386*	$4,011,221	$18,165,000	$23,959,843	$10,768,000	$9,088,000	$8,933,000	$8,933,000	$8,983,000	$8,983,000	$8,983,000	$110,807,064

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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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
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
Add. 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: Prior year funding has been reduced from $500,000 to $200,000 to account for a transfer to the Boothe Park and Playground renovation project which previously was funded partially out of this project.

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 identified projects include:

- Armistead L. Boothe Park (4200 Eisenhower Avenue) playground renovation (funding in the amount of $300,000 was transferred to the stand-alone Boothe Park and Playground Renovation project in FY 2014);
- Ben Brenman Park (4800 Brenman Park Drive) trail improvements to portions of the pathways that are damaged or do not meet ADA dimensional compliance ($25,000); and
- Joseph Hensley Park (520 Cameron Station Boulevard) festival event area and supporting facilities ($175,000).

The Boothe Park and Playground project is scheduled to be completed in the summer of 2014, while the other projects are currently in the planning stage.

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 & City Manager's Performance Plan

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*55,843*	*49,000*	0	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	261,000
Financing Plan													
Prior City Funding	*55,843*	*49,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	261,000
Total Financing Plan	*55,843*	*49,000*	0	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	261,000
Add. 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: Reduced funding planned in last year's CIP in FY 2015 from $29,000 to $0 based on available project balances. No changes from FY 2016 - 2023. Add funding for FY 2024.

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 – 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 picnic tables and water fountains 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 required. The study results were used to prioritize FY 2015 - 2017 projects, which are 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 project enhances outdoor opportunities for underserved populations, thereby supporting healthy lifestyles. Improving access and outdoor facilities for all abilities enhances the well-being of children, youth and families. Additionally, equitable access to outdoor facilities, events and programs held in City parks is provided.

City's Strategic Plan & City Manager's Performance Plan

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 Category 1 Project List

Fiscal Year 2015	
Description	Amount
(Projects will be completed in FY 2015 using prior year balances)	$ -
Total Fiscal Year 2015	$ -

Fiscal Year 2016	
Description	Amount
Holmes Run Park Walkway Improvements	$ 17,000
Mt. Jefferson Park and Greenway Access Improvements	$ 4,000
Windmill Hill Park Access and Furniture	$ 8,000
Total Fiscal Year 2016	$ 29,000

Fiscal Year 2017	
Description	Amount
Angel Park Access and Walkway Improvements	$ 24,000
Playground Upgrades	$ 3,000
ADA Furniture	$ 2,000
Total Fiscal Year 2017	$ 29,000

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*410,647*	*16,000*	0	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,350,000
Financing Plan													
Prior City Funding	*410,647*	*16,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	0	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	1,215,000
Cash Capital	*0*	*0*	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	135,000
Total Financing Plan	*410,647*	*16,000*	0	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,350,000
Add. 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: Reduced funding planned in last year's CIP in FY 2015 from $150,000 to $0 based on available project balances. No changes from FY 2016 - 2023. Add funding for FY 2024.

Project Description & Justification

The City is responsible for the upkeep of public tennis and basketball courts throughout Alexandria. These courts are heavily used by residents for general play, classes, programs, and special events. In addition, tennis and basketball 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 provides 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 & City Manager's Performance Plan

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

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Ball Court Renovations Category 1 Project List

Fiscal Year 2015	
Description	Amount
(Projects will be completed in FY 2015 using prior year balances)	$ -
Total Fiscal Year 2015	$ -

Fiscal Year 2016	
Description	Amount
Hunter Miller Park Lights Replacement	$ 70,000
Hunter Miller Park Court Resurfacing	$ 32,000
Chambliss Tennis Court Resurfacing	$ 38,000
Emergency Repairs	$ 10,000
Total Fiscal Year 2016	$ 150,000

Fiscal Year 2017	
Description	Amount
Montgomery Park Tennis Court Resurfacing	$ 83,000
Ewald Park Basketball Court Resurfacing	$ 23,000
Powhatan Park Tennis Court Resurfacing	$ 22,000
Powhatan Park Basketball Court Resurfacing	$ 22,000
Total Fiscal Year 2017	$ 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 Capital Facilities Maintenance Program (CFMP)													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*225,736*	*309,000*	238,000	338,000	338,000	438,000	438,000	438,000	438,000	438,000	438,000	438,000	3,980,000
Financing Plan													
Prior City Funding	*225,736*	*309,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	238,000	338,000	338,000	438,000	438,000	438,000	438,000	438,000	438,000	438,000	3,980,000
Total Financing Plan	*225,736*	*309,000*	238,000	338,000	338,000	438,000	438,000	438,000	438,000	438,000	438,000	438,000	3,980,000
Add. 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: Reduced funding planned in last year's CIP in FY 2015 from $338,000 to $228,000 based on available project balances. No changes from FY 2016 - 2023. Add funding for FY 2024.

Project Description & Justification

This project provides an annual funding stream to address the capital maintenance needs at the City's park facilities. The list of FY 2015 - 2017 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; and anticipated impact of upcoming adjacent development projects. Repairs and renovations at City dog parks are also included in this funding. Ten percent (10%) 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 & City Manager's Performance Plan

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

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Park Renovations CFMP Category 1 Project List

Fiscal Year 2015		
Description		Amount
Park Furniture	$	76,900
Eugene Simpson Dog Park Area Improvements	$	18,700
Braddock Road Dog Area	$	33,000
Windmill Hill Erosion Control	$	27,500
Luckett Drainage Project	$	46,200
Emergency Park Projects	$	35,700
Total Fiscal Year 2015	$	238,000

Fiscal Year 2016		
Description		Amount
Fort Ward Field Soccer Goals	$	7,000
Carlyle Dog Park	$	49,000
Angel Park Stairs	$	22,000
Hooffs Run Park Dog Area	$	19,000
Oronoco Bay Stairs and Observation Deck	$	108,000
Beach Park Amphitheater	$	54,000
Furniture Replacement	$	28,300
Emergency Park Projects	$	50,700
Total Fiscal Year 2016	$	338,000

Fiscal Year 2017		
Description		Amount
Ben Brenman Park Dog Park Lighting	$	22,500
Luckett Field Lighting Upgrade to Control-Link	$	93,000
Simpson Park ADA Access at Monroe Avenue	$	122,000
Ben Brenman Park Mile Markers	$	9,500
Ben Brenman Trail Improvements South of Cameron Run	$	41,200
Ben Brenman Bridge Lighting	$	16,000
Emergency Park Projects	$	33,800
Total Fiscal Year 2017	$	338,000

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 Capital Facilities Maintenance Program (CFMP)													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*173,306*	*565,000*	650,000	750,000	500,000	550,000	600,000	650,000	650,000	700,000	700,000	700,000	6,450,000
Financing Plan													
Prior City Funding	*0*	*565,000*											0
General Obligation Bonds	*0*	*0*	0	0	460,000	510,000	560,000	610,000	610,000	660,000	660,000	660,000	4,730,000
Cash Capital	*0*	*0*	650,000	750,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	1,720,000
Total Financing Plan	*0*	*565,000*	650,000	750,000	500,000	550,000	600,000	650,000	650,000	700,000	700,000	700,000	6,450,000
Add. 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: Reduced funding planned in last year's CIP in FY 2015 from $850,000 to $650,000 based on available project balances. No changes from FY 2016 - 2023. Add funding for FY 2024.

Project Description & Justification

The annual budget for playground renovations includes funding to ensure that the equipment and surface area of each of the 38 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 2015 – 2017 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 & City Manager's Performance Plan

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

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Playground Renovations CFMP Category 1 Project List

Fiscal Year 2015		
Description		Amount
Beverley Park Playground Renovation Phase II	$	270,000
Four Mile Run Park Playground Renovation	$	347,500
Emergency Playground Repairs	$	32,500
Total Fiscal Year 2015	$	650,000
Fiscal Year 2016		
Description		Amount
Simpson Park Playground Renovation Construction	$	562,500
Buchanan Park Play Equipment	$	150,000
Emergency Playground Repairs	$	37,500
Total Fiscal Year 2016	$	750,000
Fiscal Year 2017		
Description		Amount
Lynhaven Park Playground Renovation	$	425,000
Hume Springs Park Design and Engineering	$	50,000
Emergency Playground Repairs	$	25,000
Total Fiscal Year 2017	$	500,000

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*353,023*	*0*	176,000	226,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	3,010,000
Financing Plan													
Prior City Funding	*353,023*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	176,000	226,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	3,010,000
Total Financing Plan	*353,023*	*0*	176,000	226,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	326,000	3,010,000
Add. Operating Impact													
Annual Impact			0	0	45,000	90,000	92,700	95,481	98,345	101,296	104,335	107,465	734,622
Cumulative Impact			0	0	45,000	135,000	227,700	323,181	421,526	522,822	627,157	734,622	734,622

Changes from Prior Year CIP: Reduced funding planned in last year's CIP in FY 2015 from $226,000 to $176,000 based on available project balances. No changes from FY 2016 - 2023. Add funding for FY 2024.

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 187 horticultural sites and over 1,200 tree wells, which periodically require renovations and enhancements. The program is budgeted for the planting of approximately 550 replacement and new trees in City parks and open spaces, and at public facilities in FY 2015. The 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. It identifies planting trees as an integral part of sustaining and expanding the City's tree canopy. The Plan further recommends planting an additional 400 trees annually above the current rate of yearly planting. To reach this goal, an additional $100,000 is planned for this project 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 & City Manager's Performance Plan

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 funding amount is increased by $100,000, additional staff or contract services will need to be provided to care for the new trees. The estimated cost will be $90,000 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 Category 1 Project List

Fiscal Year 2015		
Description		Amount
Tree Planting	$	96,000
Forest Restoration at Goat Hill Park (Phase 1 of 3)	$	20,000
Renovate Landscaped Areas at Recreation Centers and Other City Facilities	$	40,000
Renovation of Duke Street and Braddock Street Medians	$	20,000
Total Fiscal Year 2015	$	176,000

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 Street/Washington Street/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 Street 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

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*32,040*	*20,000*	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	*32,040*	*20,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*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	*32,040*	*20,000*	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	1,200,000
Add. 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: Increased annual funding in FY 2015 - 2021 from $60,000 to $120,000 based on being top priority in recreation needs assessment (maintenance of existing trails). No changes in FY 2022 and FY 2023. Add funding in FY 2024.

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 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 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 & City Manager's Performance Plan

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, completed September 2013
- Bicycle and Pedestrian Master Plan (2008)

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Soft Surface Trails Category 1 Project List

Fiscal Year 2015		
Description		Amount
Four Mile Run Park Trail (Planning)	$	30,000
Eugene Simpson Park Path to Soccer Fields	$	15,000
Waterfront Parks Pervious Trail Projects	$	55,000
Dora Kelly Nature Park Public Access Improvements	$	20,000
Total Fiscal Year 2015	$	120,000
Fiscal Year 2016		
Description		Amount
Four Mile Run Park Trail (Implementation)	$	120,000
Total Fiscal Year 2016	$	120,000
Fiscal Year 2017		
Description		Amount
Polk Avenue Park Trail	$	120,000
Total Fiscal Year 2017	$	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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*254,627*	*177,000*	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	*254,627*	*177,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*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	*254,627*	*177,000*	0	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	128,000	1,152,000
Add. 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: Reduced funding planned in last year's CIP in FY 2015 from $128,000 to $0 based on available project balances. No changes from FY 2016 - 2023. Add funding for FY 2024.

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, 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 2015 – FY 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.

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 & City Manager's Performance Plan

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 Category 1 Project List

Fiscal Year 2015		
Description		Amount
(Projects will be completed in FY 2015 using prior year balances)	$	-
Total Fiscal Year 2015	$	-
Fiscal Year 2016		
Description		Amount
Complete Phase III of the Remote Operating Controls Inventory and Audit	$	10,000
Complete Phase III of the Data Verification for remote operating controls	$	10,000
Renovate systems as identified in Phase II Inventory and Audit	$	70,000
Standardize irrigation components and materials	$	18,000
Convert isolated sites to remote control systems	$	20,000
Total Fiscal Year 2016	$	128,000
Fiscal Year 2017		
Description		Amount
Renovate systems as identified in Phase III Inventory and Audit	$	90,000
Standardize irrigation components and materials	$	18,000
Convert isolated sites to remote control systems	$	20,000
Total Fiscal Year 2017	$	128,000

Pavement Improvements in Parks

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

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

Pavement Improvements in Parks													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*250,000*	*0*	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													
General Obligation Bonds	*237,500*	*0*	237,500	237,500	237,500	237,500	237,500	237,500	237,500	237,500	237,500	237,500	2,375,000
Cash Capital	*12,500*	*0*	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	125,000
Total Financing Plan	*250,000*	*0*	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Add. 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: Add funding for FY 2024.

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.

T&ES staff has currently identified 19 parks with roads, parking lots or asphalt surfaces that require maintenance. Projects planned for FY 2015 – 2017 include:

- FY 2015 – Pavement maintenance and repairs in Fort Ward parking lot, including the Fort Ward Athletic Facility and loop road improvements;
- FY 2016 – Ben Brenman Park Paving;
- FY 2017 – Hensley Park Eastern Parking Lot Repaving; and
- FY 2015 – 2017 – 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 & City Manager's Performance Plan

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

- 2011 Parks and Recreation Needs Assessment, completed July 2011

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: TBD

Project Location: 520 Cameron Station Blvd.
3701 W. Braddock Rd;
4301 West Braddock Road
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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	900,000	*0*	20,000	225,000	225,000	225,000	205,000	0	0	0	0	0	900,000
Financing Plan													
General Obligation Bonds	820,000	*0*	0	205,000	205,000	205,000	205,000	0	0	0	0	0	820,000
Cash Capital	80,000	*0*	20,000	20,000	20,000	20,000	0	0	0	0	0	0	80,000
Total Financing Plan	900,000	*0*	20,000	225,000	225,000	225,000	205,000	0	0	0	0	0	900,000
Add. 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 2015 - 2017 from last year's plan. Added funding in FY 2018 and FY 2019 for renovation of two additional restrooms facilities.

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 prefabricated restrooms to replace existing restroom facilities, including Armistead L. Boothe Park, Minnie Howard Field, Four Mile Run Park and Fort Ward Park. The prefabricated 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.

Project costs are based on vendor supplied budgetary estimates and site work costs for similar projects in Alexandria parks. 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 & City Manager's Performance Plan

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

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	5,697,500	*1,697,500*	300,000	3,700,000	0	0	0	0	0	0	0	0	4,000,000
Financing Plan													
General Obligation Bonds	2,868,953	*923,953*	0	1,945,000	0	0	0	0	0	0	0	0	1,945,000
Cash Capital	2,793,547	*738,547*	300,000	1,755,000	0	0	0	0	0	0	0	0	2,055,000
Private Capital Contributions	35,000	*35,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	5,697,500	*1,697,500*	300,000	3,700,000	0	0	0	0	0	0	0	0	4,000,000
Add. 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. There is an allocated and unallocated project balance of $1,299,692 that will be used to support the $4.0 million planned for this project in FY 2015 and FY 2016.

Project Description & Justification

This project consists of the complete replacement of the existing bulkhead at Windmill Hill Park. Park improvements along the shoreline will not be implemented until the bulkhead is replaced. Full scale planning, design and engineering are planned in FY 2015, with construction anticipated to begin in FY 2016.

The replacement of the bulkhead is planned to be Phase I of the Windmill Hill Park development. 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.

Replacement of the bulkhead would counteract some of the current deterioration along the shoreline. 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.

Planning is underway to prioritize work needed to address other public safety issues as well as consideration of other planned improvements throughout the park consistent with the adopted Windmill Hill Master Plan. Additional funding may be required to implement all of the identified needs, once final costs of the bulkhead replacement are known.

City's Strategic Plan & City Manager's Performance Plan

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

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	240,000	*0*	0	0	30,000	210,000	0	0	0	0	0	0	240,000
Financing Plan													
General Obligation Bonds	210,000	*0*	0	0	0	210,000	0	0	0	0	0	0	210,000
Cash Capital	30,000	*0*	0	0	30,000	0	0	0	0	0	0	0	30,000
Total Financing Plan	240,000	*0*	0	0	30,000	210,000	0	0	0	0	0	0	240,000
Add. Operating Impact													
Annual Impact			0	0	0	4,500	9,270	9,548	9,835	10,130	10,433	10,746	64,462
Cumulative Impact			0	0	0	4,500	13,770	23,318	33,153	43,282	53,716	64,462	64,462

Changes from Prior Year CIP: New project with funding added in FY 2017 and FY 2018.

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 & City Manager's Performance Plan

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 (including Synthetic Turf)													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	5,744,435	*5,744,435*											0
Financing Plan													
General Obligation Bonds	17,437,500	*2,887,500*	0	0	1,500,000	2,250,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	14,550,000
Cash Capital	4,216,935	*2,656,935*	0	0	110,000	250,000	200,000	200,000	200,000	200,000	200,000	200,000	1,560,000
Private Capital Contribution	200,000	*200,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	21,854,435	*5,744,435*	0	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	16,110,000
Add. 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: Add funding for FY 2024 only.

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 is budgeted for one field conversion, one turf (carpet) replacement, and various capital maintenance initiatives at fields Citywide. Minnie Howard Field re-carpeting and Hensley Baseball Field Improvements are planned in FY 2017. Additional fields will be identified in the FY 2016 – 2025 CIP.

Preliminary planning has been completed for the project. A fields study was complete in 2009 to identify future projects. Subsequently, in 2012, the Youth Sports Advisory Board provided input through a workshop to help prioritize field projects. 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 & City Manager's Performance Plan

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

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*40,897*	*147,000*	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	900,000
Financing Plan													
Prior City Funding	*40,897*	*147,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	900,000
Total Financing Plan	*40,897*	*147,000*	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	900,000
Add. 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: Add funding for FY 2024.

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.

City's Strategic Plan & City Manager's Performance Plan

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.

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*6,256*	*0*	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	*6,256*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*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	*6,256*	*0*	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	52,000	520,000
Add. 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: Add funding for FY 2024.

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 provides 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 2015. A list of projects to be completed in FY 2015 – 2017 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. Annual maintenance funding also enhances the level of service currently provided to pool users, while maintaining the value of City pools' capital infrastructure.

City's Strategic Plan & City Manager's Performance Plan

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 Parks and Recreation Needs Assessment, completed July 2011
- Aquatics Facility Study, completed May 2012

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Public Pools Category 1 Project List

Fiscal Year 2015		
Description		Amount
Old Town Pool Perimeter Gutter System Cover Replacement Project	$	16,000
Old Town Pool Drinking Fountain Installation	$	10,000
Chinquapin Pool ADA Lifts	$	16,000
Old Town Pool Perimeter and Deck Caulk Replacement Project	$	10,000
Total Fiscal Year 2015	$	52,000

Fiscal Year 2016		
Description		Amount
Old Town Pool Door Replacement Project	$	10,000
Old Town Pool Plumbing Fixture Replacement Project	$	15,000
Old Town Training Pool Fence Replacement	$	14,000
Old Town Pool Family Changing Room ADA Renovation	$	13,000
Total Fiscal Year 2016	$	52,000

Fiscal Year 2017		
Description		Amount
Old Town Pool Locker Replacement	$	22,000
Old Town Pool Electrical Upgrades	$	30,000
Total Fiscal Year 2017	$	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 Capital Facilities Maintenance Program (CFMP)													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*254,809*	*0*	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	*254,809*	*0*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	550,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	5,500,000
Cash Capital	*0*	*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	*254,809*	*0*	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	7,000,000
Add. 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 a completed recreation center facilities study and identified capital maintenance needs, annual funding beginning in FY 2015 is increased from $500,000 to $700,000.

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 2015 – 2017 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 & City Manager's Performance Plan

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 Category 1 Project List

Fiscal Year 2015		
Description		Amount
Charles Barrett Rec. - Kitchen Upgrade/HVAC Unit Replacement/Gym Windows	$	136,000
Chinquapin Rec. - Replace Lobby & Pool skylights	$	223,000
Cora Kelly Rec. -Upgrade Restroom/Hot Water Heater/Gym Point, Tuck and Paint	$	97,000
Buddie Ford Nature Center - Exterior caulking	$	15,000
Lee Center - Interior kitchen update	$	25,000
Mt. Vernon Rec. - Interior upgrades (front desk, ceiling work)/HVAC Unit Upgrade	$	106,000
Durant Center - Hot Water Heater	$	20,000
Ramsay Rec. - Kitchen Upgrade	$	25,000
Misc Projects	$	53,000
Total Fiscal Year 2015	$	700,000

Fiscal Year 2016		
Description		Amount
Charles Barrett Rec. - Paint Gym/Awnings/Exterior Lighting/front counter/HVAC	$	51,500
Chinquapin Rec. - Complete HVAC Upgrade/plumbing fixtures/exterior caulking	$	256,750
Cora Kelly Rec. - Exterior Lighting Upgrade/Upgrade Main Distribution Panel	$	75,000
Lee Center - Hot Water Piping in Basement	$	100,000
Nannie Lee Rec. - Upgrade Interior Lighting/Upgrade Ceiling/Paint	$	88,000
Ramsay Rec.- Restroom upgrade/HVAC Upgrade	$	105,000
Misc Projects	$	23,750
Total Fiscal Year 2016	$	700,000

Fiscal Year 2017		
Description		Amount
Charles Barrett Rec. - Interior Light & Ceiling Upgrade	$	60,000
Lee Center - Exterior Light Upgrade	$	87,000
Colasanto Center -Upgrade Electrical/Update Thermostats/Repair Foundation	$	87,000
Cora Kelly Rec. - Replace lobby floor	$	75,000
Buddie Ford Nature Center - Replace HVAC Unit/Refurb Deck/Exterior Painting	$	60,000
Lee Center - Replace partition/1st and 2nd floor ceiling renovation (Phase I)	$	119,000
Mt. Vernon Rec. - Exterior Point/Tuck/Upgrade Ceiling	$	60,000
Ramsay Rec. - Paint Interior	$	27,000
Mt. Vernon Rec. - Restroom upgrade	$	50,000
Durant Center - Floor Security Lights/Stage Lighting System	$	75,000
Total Fiscal Year 2017	$	700,000

Chinquapin Aquatics Center (Renovations with Competition Pool)

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 (Renovations with Competition Pool)													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	20,000,000	*500,000*	0	4,500,000	15,000,000	0	0	0	0	0	0	0	19,500,000
Financing Plan													
General Obligation Bonds	12,500,000	*0*	0	2,500,000	10,000,000	0	0	0	0	0	0	0	12,500,000
Cash Capital	5,000,000	*500,000*	0	2,000,000	2,500,000	0	0	0	0	0	0	0	4,500,000
Private Capital Contribution	2,500,000	*0*	0	0	2,500,000	0	0	0	0	0	0	0	2,500,000
Total Financing Plan	20,000,000	*500,000*	0	4,500,000	15,000,000	0	0	0	0	0	0	0	19,500,000
Add. Operating Impact													
Annual Impact			0	0	0	1,503,999	1,549,119	1,595,593	1,643,460	1,692,764	1,743,547	1,795,853	11,524,335
Cumulative Impact			0	0	0	1,503,999	3,053,118	4,648,711	6,292,171	7,984,935	9,728,482	11,524,335	11,524,335
Changes from Prior Year CIP: No changes from prior year CIP.													

Project Description & Justification

This project provides for funding an aquatics feasibility study and subsequent design and construction of an aquatics center at the Chinquapin site, with the planned addition of a 50 meter pool, if feasible.

In FY 2014, a feasibility study will begin to determine the scale and scope of a new regulation size, competition pool such as a 50 meter pool, leisure pool, diving well, and support facilities, given the site constraints and citywide needs. The study will guide the basis for design and construction. Funding for construction is planned in FY 2016 – 2017.

The total project cost is estimated at $20.0 million; $17.5 million in City funding will be supplemented with $2.5 million in private capital contributions for the completion of this project.

This project was added to the CIP as part of the City Council FY 2014 Add-Delete budget process, and is referenced in the following FY 2014 Budget Memorandums:

- Budget Memo #6 – "Short and Long Term Outlooks for Funding the Recommendations of the 2012 Aquatics Facilities Study"
- Budget Memo #22 – "Aquatics Facilities Study Implementation Options"
- Budget Memo #33 – "Aquatics Facilities Funding Options."

City's Strategic Plan & City Manager's Performance Plan

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

- Aquatics Facility Study, completed May 2012
- 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 (anticipated May 2014). A very rough estimate of additional annual operating impacts for the 50 m and recreation pool (of which some funding is currently budgeted) is $1,503,999, with offsetting revenues to be determined.

Aquatics Facilities to be Determined

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

Project Location: TBD
Reporting Area: TBD
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: Varies

Aquatics Facilities TBD													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	5,000,000	*0*	0	0	0	5,000,000	0	0	0	0	0	0	5,000,000
Financing Plan													
General Obligation Bonds	3,000,000	*0*	0	0	0	3,000,000	0	0	0	0	0	0	3,000,000
Cash Capital	2,000,000	*0*	0	0	0	2,000,000	0	0	0	0	0	0	2,000,000
Total Financing Plan	5,000,000	*0*	0	0	0	5,000,000	0	0	0	0	0	0	5,000,000
Add. 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: No changes from prior year CIP.													

Project Description & Justification

This project provides for funding for renovations to existing (or new) City aquatics facilities. The exact facilities and types of renovations are to be determined, and may be programmed into the FY 2015 - 2024 CIP once selected.

A total of $5.0 million is planned to improve City aquatics facilities (Chinquapin renovations are funded as a separate project). It is assumed private capital contributions will help supplement the total costs of renovations. The amount of those private capital contributions can be programmed in the CIP once specific facilities are selected.

This project was added to the CIP as part of the City Council FY 2014 Add-Delete budget process, and is referenced in the following FY 2014 Budget Memorandums:

- Budget Memo #6 – "Short and Long Term Outlooks for Funding the Recommendations of the 2012 Aquatics Facilities Study"
- Budget Memo #22 – "Aquatics Facilities Study Implementation Options"
- Budget Memo #33 – "Aquatics Facilities Funding Options."

City's Strategic Plan & City Manager's Performance Plan

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

- Aquatics Facility Study, completed May 2012
- 2011 Parks and Recreation Needs Assessment, completed July 2011
- See Project Description & Justification for relevant FY 2014 budget memorandums

Additional Operating Budget Impact

Unknown at this time. Additional operating budget impacts will be determined once specific facilities are identified.

Braddock Area Plan Park

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

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	2,228,837	*969,773*	855,221	0	403,843	0	0	0	0	0	0	0	1,259,064
Financing Plan													
Prior City Funding	100,000	*100,000*	0	0	0	0	0	0	0	0	0	0	0
Private Dev. Contributions	1,823,837	*564,773*	855,221	0	403,843	0	0	0	0	0	0	0	1,259,064
Lease Proceeds	305,000	*305,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	2,228,837	*969,773*	855,221	0	403,843	0	0	0	0	0	0	0	1,259,064
Add. 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: Add development contributions to support the project in FY 2017.													

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.

Funding for FY 2015 and 2017 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.

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 & City Manager's Performance Plan

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

Unknown at this time. Additional operating budget impacts will be determined once the entire scope of work is defined and funding for construction has been identified.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	6,500,000	*350,000*	485,000	5,665,000	0	0	0	0	0	0	0	0	6,150,000
Financing Plan													
General Obligation Bonds	4,665,000	*0*	0	4,665,000	0	0	0	0	0	0	0	0	4,665,000
Cash Capital	1,835,000	*350,000*	485,000	1,000,000	0	0	0	0	0	0	0	0	1,485,000
Total Financing Plan	6,500,000	*350,000*	485,000	5,665,000	0	0	0	0	0	0	0	0	6,150,000
Add. 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: No changes from prior year CIP.

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 stormwater management and ADA compliance.

The project timeline was accelerated from FY 2015 to FY 2014 in the Approved FY 2014 – 2023 CIP in order to coincide with the Alexandria City Public Schools' (ACPS) planning and design process for the Patrick Henry School capacity project. Additionally, funding is added to the budget to account for project management costs associated with this project. This project will enter into the initial design phase in FY 2014 and has undergone planning and feasibility studies in prior fiscal years.

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 & City Manager's Performance Plan

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.

Boothe Park and Playground Renovation

Document Subsection: Renovated or New Recreation Facilities
Managing Department: Recreation Parks & Cultural Activities
Supporting Department(s): N/A
ORG: 44802220

Project Location: 520 Cameron Station Blvd.
Reporting Area: Landmark/Van Dorn
Project Category: Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 25 years

Boothe Park and Playground Renovation													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	895,000	*895,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
General Obligation Bonds	550,000	*550,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	45,000	*45,000*	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	300,000	*300,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	895,000	*895,000*	0	0	0	0	0	0	0	0	0	0	0
Add. 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 during FY 2014 from $300,000 in Restaurant Depot contributions, a $300,000 transfer from ACPS to support the project, and $295,000 of identified CFMP projects to create a stand-alone project.

Project Description & Justification

This project will provide upgrades and improvements to existing capital infrastructure, which has deteriorated rapidly since the park's opening in 2001. Samuel Tucker Elementary School, located immediately adjacent to the park is also dependent on the 12 acre park to fulfill its outdoor recess and physical education requirements.

This project is funded from multiple sources including a Restaurant Depot development contribution, Alexandria City Public Schools, and other prior CIP projects. Project efficiencies were achieved by combining funds to create one stand-alone CIP project.

Improvements include relocation and renovation of the playgrounds, resurfacing of the existing ball courts, picnic shelter refurbishment, additional pedestrian pathways, site furnishings replacement and other improvements to enhance access and to maintain facility life expectancy.

This project ensures that existing outdoor recreational facilities are being continually managed and provided for residents and youth, particularly in an area that is anticipated to experience increasing re-development in the West Eisenhower Avenue corridor and the Van Dorn Street/Landmark corridors.

City's Strategic Plan & City Manager's Performance Plan

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

- 2011 and 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

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

East Del Ray Avenue Pocket Park (Phase II)

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

Project Location: 1 & 7 E. Del Ray Avenue
Reporting Area: Potomac West
Project Category: Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 25 years

East Del Ray Avenue Pocket Park (Phase II)													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	48,900	*48,900*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	27,400	*27,400*	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	21,500	*21,500*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	48,900	*48,900*	0	0	0	0	0	0	0	0	0	0	0
Add. 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 will complete the accessible hardscape and plaza features of the approved pocket park plan. The first phase of the park was completed in 2011. The second phase is funded with private contributions ($21,500) and additional City funds ($27,400). The completed improvements will provide new accessible outdoor gathering space for the community.

City's Strategic Plan & City Manager's Performance Plan

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 2014 Budget Memorandum #21, "Del Ray Citizens Association Request for East Del Ray Avenue Pocket Park Funding", presented to City Council April 15, 2013.

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

City Marina Restrooms

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

Project Location: 5 Cameron Street
Reporting Area: Waterfront
Project Category: Project Category: 3 – New Facilities
Estimated Useful Life: 25 years

City Marina Restrooms													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	75,000	*0*	75,000	0	0	0	0	0	0	0	0	0	75,000
Financing Plan													
Cash Capital	75,000	*0*	75,000	0	0	0	0	0	0	0	0	0	75,000
Total Financing Plan	75,000	*0*	75,000	0	0	0	0	0	0	0	0	0	75,000
Add. Operating Impact													
Annual Impact			25,000	30,000	30,900	31,827	32,782	33,765	34,778	35,822	36,896	38,003	329,773
Cumulative Impact			25,000	55,000	85,900	117,727	150,509	184,274	219,052	254,874	291,770	329,773	329,773

Changes from Prior Year CIP: New project added for FY 2015. Added in FY 2015 to take advantage of partnership with private development to provide new publicly accessible restrooms in the waterfront/marina area.

Project Description & Justification

As part of the Special Use Permit (SUP) approval for a new restaurant at the City Marina, the Blackwall Hitch Restaurant will provide the space, utility connections and rough-in construction for public restrooms at the Marina.

This private contribution will provide a significant portion of the total project cost and create greater efficiencies in construction and expedite the project delivery The City will be responsible for the final design and finishes, operations, and upon completion, maintenance of the facility.

Public restrooms along the Alexandria Waterfront have been a much desired amenity since the closure of the food court building in December 2011. Restrooms in this location are supported by the Waterfront Commission, City Council action on December 14, 2013, and are included in the Waterfront Small Area Plan. Once completed, the facilities will improve the level of service at the Marina.

City's Strategic Plan & City Manager's Performance Plan

Primary Strategic Plan Goal: Goal 1 – Economic Development

Focus Area: Livable, Green, & Prospering City
- Increase the economic benefits of tourism to the City
- Promote neighborhoods that are amenity-rich

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

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

External or Internal Adopted Plan or Recommendation

- 5 Cameron Street, Blackwall Hitch Restaurant, SUP13-076, approved by City Council, December, 2013
- Waterfront Small Area Plan, adopted by City Council February 2012

Additional Operating Budget Impact

The FY 2015 operating budget includes $25,000 for 10 months of maintenance and supplies for the new restrooms facilities. The amount is increased to $30,000 in FY 2016, and increases by inflation each year thereafter.

City Marina Seawalls

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

Project Location: 107 N. Union St.
Reporting Area: Waterfront
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 25 years

City Marina Seawalls													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,700,000	*0*	0	255,000	1,445,000	0	0	0	0	0	0	0	1,700,000
Financing Plan													
General Obligation Bonds	1,445,000	*0*	0	0	1,445,000	0	0	0	0	0	0	0	1,445,000
Cash Capital	255,000	*0*	0	255,000	0	0	0	0	0	0	0	0	255,000
Total Financing Plan	1,700,000	*0*	0	255,000	1,445,000	0	0	0	0	0	0	0	1,700,000
Add. 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 seawalls at the City Marina are subject to constant erosion and environmental damage due to tidal change, storms and winter ice damage. The existing seawalls have eroded from natural tidal movement causing the sidewalks and Marina plaza to sink. During the 2008 marina dredging project, areas on the North and South seawall were deemed too tenuous to allow dredging within a reasonable vicinity of the seawalls.

Funding is budgeted in FY 2016 for an overview "reconnaissance study" assessing the adequacy of coastal structures around the perimeter of the Alexandria Marina shoreline and set priorities for repairs and improvements. Funding in FY 2017 provides for implementing the identified priorities, and is an estimate at this point in time. The FY 2017 project estimated costs are to repair/replace the section of the marina north seawall that is collapsed and a portion of the north seawall that has pulled away from land. This project will support the North marina piers (currently E/F and G/H piers) and flood mitigation. It is anticipated that the seawalls will require new cladding, caps, and hardware, as well as, soil stabilization, footer repair, sidewalk/walkway renovation, and possibly utility relocation. Refined costs estimates will be provided upon completion of the shoreline study.

It is expected that an engineering study of the seawalls will identify required short-term seawall repairs, as well as, long-term solutions that should be addressed coincident with implementation of outcomes for 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 & City Manager's Performance Plan

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
- 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

- Eco-City Charter – Protecting Water Resources, 2008
- 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.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,250,000	*0*	0	187,000	1,063,000	0	0	0	0	0	0	0	1,250,000
Financing Plan													
General Obligation Bonds	1,063,000	*0*	0	0	1,063,000	0	0	0	0	0	0	0	1,063,000
Cash Capital	187,000	*0*	0	187,000	0	0	0	0	0	0	0	0	187,000
Total Financing Plan	1,250,000	*0*	0	187,000	1,063,000	0	0	0	0	0	0	0	1,250,000
Add. 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. It is anticipated that this project would be implemented concurrent with renovation of the Marina Seawalls as a means of minimizing service disruptions at the facility.

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 & City Manager's Performance Plan

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
- 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.

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)
Project Procurement Budget	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Total Project Budget	48,725,902	*22,425,902*	0	800,000	1,500,000	0	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	26,300,000
Financing Plan													
General Obligation Bonds	14,975,000	*10,600,000*	0	700,000	1,175,000	0	0	1,500,000	1,000,000	0	0	0	4,375,000
Cash Capital	33,328,102	*11,403,102*	0	100,000	325,000	0	4,000,000	2,500,000	3,000,000	4,000,000	4,000,000	4,000,000	21,925,000
Lease Proceeds	366,807	*366,807*	0	0	0	0	0	0	0	0	0	0	0
Sale of Land	32,100	*32,100*	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous	23,893	*23,893*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	48,725,902	*22,425,902*	0	800,000	1,500,000	0	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	26,300,000
Add. 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: Add funding for FY 2024.

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 current project balance of $5.4 million is earmarked for specified planned future open space purchases.

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 acquired 11.5 acres of open space as relates to the desired addition of 100 acres of open space. An additional 79.5 acres have been protected through dedications and easements.

To fund this 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.

(Continued on next page)

City's Strategic Plan & City Manager's Performance Plan

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.

(Open Space Acquisition and Development Continued)

Benefits of this project to the City include improving the health and well-being of Alexandria citizens through an increase in access to parks and open/green spaces. Providing additional open space / park opportunities is consistent with the City's Strategic Plan.

PUBLIC BUILDINGS

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Public Buildings
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Public Buildings												
General Government Facilities												
General Services CFMP	*$151,200*	$1,100,000	$1,100,000	$1,100,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$13,800,000
Energy Management Program	*$745,000*	$600,000	$650,000	$455,000	$495,000	$550,000	$550,000	$650,000	$750,000	$850,000	$635,000	$6,185,000
Emergency Generators	*$768,000*	$945,000	$232,000	$580,000	$400,000	$25,000	$25,000	$207,000	$450,000	$25,000	$108,000	$2,997,000
Building Physical Conditions Assessment	*$0*	$233,000	$173,000	$200,000	$95,000	$0	$0	$0	$100,000	$100,000	$100,000	$1,001,000
City Hall HVAC & Infrastructure Replacement	*$1,000,000*	$0	$0	$0	$0	$0	$9,000,000	$38,500,000	$0	$0	$0	$47,500,000
City Hall Security Enhancements	*$175,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Roof Replacement Program	*$308,800*	$366,000	$780,000	$200,000	$358,000	$0	$126,000	$754,000	$0	$215,000	$0	$2,799,000
Fleet Facility - Lift Replacement	*$585,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Elevator Replacement/Refurbishment	*$0*	$675,000	$1,040,000	$115,000	$0	$200,000	$800,000	$0	$0	$0	$0	$2,830,000
Library Facilities												
Library CFMP	*$0*	$220,000	$175,000	$285,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$1,730,000
Preservation of Historic Facilities												
City Historic Facilities CFMP	*$345,000*	$245,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$345,000	$3,350,000
Gadsby's Tavern Restaurant Kitchen Equipment	*$0*	$0	$245,000	$0	$0	$0	$0	$0	$0	$0	$0	$245,000
Torpedo Factory Repairs	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Public Health & Welfare Facilities												
Mental Health Residential Facilities CFMP	*$0*	$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*	$900,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$900,000
Public Safety Facilities												
Fire Department CFMP	*$0*	$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 210 (Eisenhower Valley)/Impound Lot	*$600,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Burn Building - Smoke Stack Demolition	*$200,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Fire Station 203 (Cameron Mills)	*$0*	$600,000	$7,121,000	$0	$0	$0	$0	$0	$0	$0	$0	$7,721,000
Fire Station 207 (Duke Street)	*$0*	$0	$0	$700,000	$17,272,000	$0	$0	$0	$0	$0	$0	$17,972,000
Fire Station 211 (Beauregard)	*$0*	$0	$0	$1,100,000	$5,000,000	$7,100,000	$0	$0	$0	$0	$0	$13,200,000
Fire Station 206 (Seminary Rd)	*$0*	$0	$0	$0	$700,000	$10,187,000	$0	$0	$0	$0	$0	$10,887,000
Fire Station 205 (Cameron Street)	*$0*	$0	$0	$0	$0	$0	$700,000	$9,903,000	$0	$0	$0	$10,603,000
Office of the Sheriff CFMP	*$0*	$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	*$0*	$500,000	$250,000	$250,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$2,050,000
Adult Detention Center HVAC Replacement	*$0*	$980,700	$0	$0	$0	$0	$0	$0	$0	$0	$0	$980,700
EOC/Public Safety Center Reuse	*$4,515,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Police K-9 Facility Renovation	*$390,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Pistol Range	*$0*	$180,000	$1,500,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,680,000
Vola Lawson Animal Shelter	*$30,000*	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000	$300,000
Public Buildings Total	*$9,813,000*	$8,584,700	$14,651,000	$6,370,000	$27,505,000	$21,247,000	$14,386,000	$53,199,000	$4,485,000	$4,375,000	$4,028,000	$158,830,700

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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 Capital Facilities Maintenance Program (CFMP)													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*498,024*	*151,200*	1,100,000	1,100,000	1,100,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	13,800,000
Financing Plan													
Prior City Funding	*498,024*	*151,200*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	830,600	950,000	950,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	11,830,600
Cash Capital	*0*	*0*	269,400	150,000	150,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,969,400
Total Financing Plan	*498,024*	*151,200*	1,100,000	1,100,000	1,100,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	13,800,000
Add. 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: Added $250,000 to planned funding in FY 2016 based on prioritized list of facilities projects. Added funding for FY 2024.

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 2015 - 2017 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 & City Manager's Performance Plan

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 Category 1 Project List

Fiscal Year 2015		
Description		Amount
1200 N. Howard St. (Casey Clinic) -Replace Air handling unit & VAV boxes	$	175,000
Miscellaneous building repairs/replacements	$	95,000
Lee Center/Nannie Lee Window Replacement Project	$	330,600
4480 King St. (Health Dept.) - Para pit point/tuck on east and south walls	$	70,000
2355 Mill Road (Community Shelter) - Window replacement	$	325,000
Miscellaneous Building Repairs/Replacements	$	104,400
Total Fiscal Year 2015	$	1,100,000

Fiscal Year 2016		
Description		Amount
4480 King St. (Health Dept.) - Bathroom renovation 1st and 2nd floor	$	100,000
1200 N. Howard St. (Casey Clinic) - Bathroom Renovation in main lobby	$	60,000
Miscellaneous Building Repairs/Replacements	$	214,400
4480 King St. (Health Dept.) - Para pit point/tuck on east and south walls	$	70,000
Lee Center/Nannie Lee Window Replacement Project	$	330,600
3550 Wheeler Ave. (Fleet Services) - Overhead door replacement (phase 1 of 2)	$	125,000
4480 King St. (Health Dept.) - 3rd and 4th floor bathroom renovations	$	200,000
Total Fiscal Year 2016	$	1,100,000

Fiscal Year 2017		
Description		Amount
1108 Jefferson St. (Lee Center) - Fire Kitchen Renovation	$	100,000
1108 Jefferson St. (Lee Center) - Bathroom Renovations	$	95,000
1108 Jefferson St. (Lee Center) - Adult Day Care Bathroom Renovations	$	35,000
1108 Jefferson St. (Lee center) - replace outdated electrical and bring room to code	$	100,000
3550 Wheeler (Fleet Services) - Overhead door replacement (Part 2 of 2)	$	125,000
Miscellaneous Building Repairs	$	240,000
Old Dash Flooring Repair Replacement	$	60,000
4480 King St. (Health Dept.) - Painting (Phase 1 of 3)	$	100,000
3550 Wheeler Ave. (Fleet Services) - multi-zone AHU replacement	$	150,000
1200 N. Howard St. (Casey Clinic) - HVAC Controls	$	95,000
Total Fiscal Year 2017	$	1,100,000

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*526,093*	*745,000*	600,000	650,000	455,000	495,000	550,000	550,000	650,000	750,000	850,000	635,000	6,185,000
Financing Plan													
Prior City Funding	*526,093*	*745,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	400,000	585,000	365,000	395,000	440,000	440,000	520,000	600,000	680,000	505,000	4,930,000
Cash Capital	*0*	*0*	200,000	65,000	90,000	100,000	110,000	110,000	130,000	150,000	170,000	130,000	1,255,000
Total Financing Plan	*526,093*	*745,000*	600,000	650,000	455,000	495,000	550,000	550,000	650,000	750,000	850,000	635,000	6,185,000
Add. Operating Impact													
Annual Impact			0	(229,000)	(301,000)	(381,000)	(391,000)	(401,000)	(410,000)	(432,000)	(465,000)	(508,000)	(3,518,000)
Cumulative Impact			0	(229,000)	(530,000)	(911,000)	(1,302,000)	(1,703,000)	(2,113,000)	(2,545,000)	(3,010,000)	(3,518,000)	(3,518,000)

Changes from Prior Year CIP: Reduced FY 2015 funding from $800,000 to $600,000 based on available project balances. No other changes to total planned funding from FY 2016 - 2023. Added funding for FY 2024.

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; implementing energy reduction initiatives; and optimizing 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 2015 - 2017 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.

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 & City Manager's Performance Plan

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. Values provided for Annual Operating Impact are cumulative according to the magnitude of efficiency, persistence of energy reductions over time, and estimated inflation. These represent estimated budget growth avoidance rather than budget reductions.

Energy Management Program Category 1 Project List

Fiscal Year 2015		
Description		Amount
Recreation Center Lighting Retrofits (various facilities)	$	187,000
Facility Advanced Metering Infrastructure (Interval Meters) - Installation	$	50,000
Re-/Retro-commissioning (PSC Detention Center)	$	200,000
Electric Vehicle Charging Station Pilot @ Market Square & Courthouse Garages	$	50,000
Energy Management Project Implementation Services (Energy Engineer)	$	113,000
Total Fiscal Year 2015	$	600,000
Fiscal Year 2016		
Description		Amount
Fire Station Lighting Upgrades (various fire facilities)	$	100,000
HVAC Control System Upgrades and Master Control System Integration	$	350,000
Recreation Center Lighting Retrofits (various facilities)	$	200,000
Total Fiscal Year 2016	$	650,000
Fiscal Year 2017		
Description		Amount
Facility Lighting Retrofits (various facilities: rec centers, fire stations, OHA)	$	150,000
Facility Advanced Metering Infrastructure (Interval Meters) - Installation	$	50,000
HVAC Control System Upgrades and Master Control System Integration	$	50,000
Re-/Retro-commissioning (Courthouse, Charles Barrett, Durant, OHA)	$	205,000
Total Fiscal Year 2017	$	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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*1,167,096*	*768,000*	945,000	232,000	580,000	400,000	25,000	25,000	207,000	450,000	25,000	108,000	2,997,000
Financing Plan													
Prior City Funding	*1,167,096*	*768,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	800,000	150,000	430,000	300,000	0	0	107,000	350,000	0	0	2,137,000
Cash Capital	*0*	*0*	145,000	82,000	150,000	100,000	25,000	25,000	100,000	100,000	25,000	108,000	860,000
Total Financing Plan	*1,167,096*	*768,000*	945,000	232,000	580,000	400,000	25,000	25,000	207,000	450,000	25,000	108,000	2,997,000
Add. Operating Impact													
Annual Impact			0	2,060	2,122	2,185	2,251	2,319	2,388	2,460	2,534	2,610	20,928
Cumulative Impact			0	2,060	4,182	6,367	8,618	10,937	13,325	15,785	18,318	20,928	20,928

Changes from Prior Year CIP: Total funding over ten years increases from $2.497 million in last year's plan to $2.997 million. The increase is based on a comprehensive look at generator replacement and need for new generators. Added funding for FY 2024.

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 2015 - 2017 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.

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 proposed 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 & City Manager's Performance Plan

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 FY2016 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 $2,060 per year in FY 2015 dollars; increasing at an annual rate of inflation.

Emergency Generators Category 1 Project List

Fiscal Year 2015		
Description		Amount
Fleet Services/Fire Fleet Services Generator Design and Replacement	$	368,000
Fuel Island Permanent Generator Design and Installation	$	37,000
Generator Monitoring and Control System	$	15,000
Capital Repair (Major System Repair and Replacement)	$	525,000
Total Fiscal Year 2015	$	945,000

Fiscal Year 2016		
Description		Amount
Old DASH Facility Generator Design and Replacement	$	46,000
Gadsby Tavern Generator Design and Construction	$	11,000
Capital Repair (Major System Repair and Replacement)	$	25,000
Fire Station 208 Generator Replacement	$	150,000
Total Fiscal Year 2016	$	232,000

Fiscal Year 2017		
Description		Amount
Animal Shelter Generator Design and Replacement	$	375,000
Casey Clinic Generator Design and Replacement	$	20,000
Capital Repair (Major System Repair and Replacement)	$	25,000
Fire Station 205 Generator Replacement	$	80,000
Fire Station 207 Generator Replacement	$	80,000
Total Fiscal Year 2017	$	580,000

Building Physical Conditions 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: 1 – Asset Maintenance
Estimated Useful Life: N/A

Building Physical Conditions Assessment													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*0*	*0*	233,000	173,000	200,000	95,000	0	0	0	100,000	100,000	100,000	1,001,000
Financing Plan													
Cash Capital	*0*	*0*	233,000	173,000	200,000	95,000	0	0	0	100,000	100,000	100,000	1,001,000
Total Financing Plan	*0*	*0*	233,000	173,000	200,000	95,000	0	0	0	100,000	100,000	100,000	1,001,000
Add. 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 for FY 2015. Will be used to prioritize future capital infrastructure improvements at City-owned facilities.

Project Description & Justification

The proposed Building Assessment 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.

The planning for this project is very preliminary as the costs are strictly based on square footage of facilities that have not previously been assessed and industry standard unit prices to perform this type of service. Assessments on the fire stations and recreation centers have been already completed and the reports have proven to be essential in planning capital improvement projects.

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 & City Manager's Performance Plan

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.

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: 2 – Renovations/Existing Asset
Estimated Useful Life: 20 Years

City Hall HVAC and Infrastructure Replacement													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	50,700,000	*3,200,000*	0	0	0	0	0	9,000,000	38,500,000	0	0	0	47,500,000
Financing Plan													
General Obligation Bonds	41,150,000	*1,000,000*	0	0	0	0	0	5,500,000	34,650,000	0	0	0	40,150,000
Cash Capital	9,550,000	*2,200,000*	0	0	0	0	0	3,500,000	3,850,000	0	0	0	7,350,000
Total Financing Plan	50,700,000	*3,200,000*	0	0	0	0	0	9,000,000	38,500,000	0	0	0	47,500,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	TBD	TBD	TBD	TBD
Cumulative Impact			0	0	0	0	0	0	0	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: In the last year's planned CIP, $14.8 million is programmed to begin construction on this project. Through the FY 2015 CIP development process, it was estimated that revised construction costs would total approximately $30.5 million. Based on this information, and the availability of additional City funding, this project has now been pushed back to FY 2020 - 2021, and costs have been adjusted to $47.5 million to account for construction inflation and staff relocation costs once the project is under construction. This project will be informed by a space utilization study currently being conducted for City Hall, as well as a comprehensive space utilization study planned for all City owned facilities expected to be completed by FY 2017.

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. 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 $50.7 million is budgeted for this project: $3.2 million in FY 2013 - 2014 for a feasibility study and minor renovations. Funding for design and construction is proposed for FY 2020 - 2021 for a total of $47.5 million. The feasibility study which will complete in FY 2014 will provide vital information for planning, phasing, budgeting and scheduling of the work.

The project helps maintain the value of the City's physical assets, while providing more energy efficient operation in City Hall.

City's Strategic Plan & City Manager's Performance Plan

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 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 operating impact is unknown at this time. Project scope will need to be defined for the additional operating impact can be quantified.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	250,000	*250,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	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
Add. 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. A project balance of $206,278 remains.

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, basement and 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.

As the City Hall HVAC and Infrastructure project is implemented, it may be more cost effective to implement some of the recommendations included in the security assessment. These options can be considered as the scope of the HVAC and Infrastructure project is assembled.

Completion of this project provides a safer facility for the public and City employees through active and passive security deterrents.

City's Strategic Plan & City Manager's Performance Plan

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*144,619*	*308,800*	366,000	780,000	200,000	358,000	0	126,000	754,000	0	215,000	0	2,799,000
Financing Plan													
Prior City Funding	*144,619*	*308,800*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	366,000	780,000	200,000	358,000	0	126,000	754,000	0	215,000	0	2,799,000
Total Financing Plan	*144,619*	*308,800*	366,000	780,000	200,000	358,000	0	126,000	754,000	0	215,000	0	2,799,000
Add. 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: Total funding over ten years increases from $838,800 in last year's plan to $2.799 million based on a comprehensive look at roof replacements at City-owned facilities.

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 2017.

Planned roof replacements (with fiscal year of completion and estimated budget) include:

- FY 2015 – 3200 Colvin Street – T&ES ($250,000)
- FY 2015 – Burke Branch Library ($116,000)
- FY 2016 – Old DASH Facility ($600,000)
- FY 2016 – Mount Vernon Recreation Center ($150,000)
- FY 2016 – Miscellaneous Repairs ($30,000)
- FY 2017 – Charles Barrett Recreation Center ($200,000)

Completion of this project helps maintain the value of the City's physical assets.

City's Strategic Plan & City Manager's Performance Plan

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 – Lift Replacement

Document Subsection: General Government Facilities
Managing Department: General Services
Supporting Department(s): N/A
ORG: 45341732

Project Location: 3500 Wheeler Ave.
Reporting Area: Eisenhower Ave
Project Category/Priority: 2 – Renovations/Existing Assets
Estimated Useful Life: 25 years

Fleet Facility - Lift Replacement													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,330,000	*1,330,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
General Obligation Bonds	1,330,000	*1,330,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	1,330,000	*1,330,000*	0	0	0	0	0	0	0	0	0	0	0
Add. 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 will replace the existing heavy duty truck hydraulic hoists at the City's Fleet Services Building. The current rotary hydraulic lifts have been repaired; however, safety and environmental concerns persist. The hoists are obsolete and parts are no longer available from the manufacturer.

Funding will provide for a combination of in-ground lifts with 90,000 lb. capacity and up to 156 inches of travel and battery operated mobile lifts with 22,000 lb. capacity. Both types are designed to address the industry concerns of traditional in-ground, axle engaging piston lift's newer modular designs. The shallow pit design used for the in-ground lifts is particularly good for high ground water table areas which are present at the Fleet Services Building and the mobile lifts will provide flexibility in use and location.

Funding in the amount of $745,000 was approved in FY 2012 for design and replacement of 5 lifts with 2 heavy lifts and 3 mobile lifts; $585,000 was programmed in FY 2014 to complete the project by replacing 4 additional heavy lifts.

Completion of this project will improve the safety of the employees and reduces environmental concerns related to the existing equipment.

City's Strategic Plan & City Manager's Performance Plan

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

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*526,729*	*0*	675,000	1,040,000	115,000	0	200,000	800,000	0	0	0	0	2,830,000
Financing Plan													
Prior City Funding	*526,729*	*0*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	608,000	936,000	0	0	180,000	720,000	0	0	0	0	2,444,000
Cash Capital	*0*	*0*	67,000	104,000	115,000	0	20,000	80,000	0	0	0	0	386,000
Total Financing Plan	*526,729*	*0*	675,000	1,040,000	115,000	0	200,000	800,000	0	0	0	0	2,830,000
Add. 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: Total funding over ten years increases from $2.0 million in last year's plan to $2.83 million based on a comprehensive look at elevator replacements and refurbishments at City-owned facilities.

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 2015 – Public Safety Center Elevators #1 & 2 ($500,000)
- FY 2015 – Repair Public Safety Center Elevator #6 ($80,000)
- FY 2015 – Design for Public Safety Center Elevators #3 & 4 ($95,000)
- FY 2016 – Public Safety Center Elevator #3 & #4 Replacement $1,040,000)
- FY 2016 – Renovate Courthouse Judges Chamber Elevator (Hardware and Aesthetics) ($100,000)
- FY 2017 – Chinquapin Recreation Center Elevator Retrofit ($115,000)

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 & City Manager's Performance Plan

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.

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 Capital Facilities Maintenance Program (CFMP)													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*324,762*	*0*	220,000	175,000	285,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,730,000
Financing Plan													
Prior City Funding	*324,762*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	220,000	175,000	285,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,730,000
Total Financing Plan	*324,762*	*0*	220,000	175,000	285,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,730,000
Add. 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 last year's CIP from FY 2015 - 2017 increases from $450,000 to $680,000 to provide additional funding to complete carpet replacement and lighting upgrades at Beatley Central Library. No changes from FY 2018 - 2023. Added funding for FY 2024.

Project Description & Justification

This program provides for annual capital infrastructure improvements at Beatley Central Library, 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.

Additional funding has been provided in FY2015 - 2017 in order to accomplish major building items needing to be addressed. In the FY 2014 CIP funding was provided for the Beatley building envelope refurbishment and carpet replacement, however due to the increase of costs and unexpected findings during the envelope refurbishment funding was only available to install first floor carpet. Therefore part of that project is being included in FY 2015.

A prioritized list of projects planned for FY 2015 - 2017 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 & City Manager's Performance Plan

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 Category 1 Project List

Fiscal Year 2015		
Description		Amount
Barrett Library - Carpet Replacement (Part 1 of 2)	$	45,000
Barrett Library - Painting of Interior & Exterior	$	30,000
Beatley Library - Painting of Interior	$	35,000
Beatley Library - Installation of Heat Curtain at Main Entrance	$	15,000
Beatley Library - 2nd floor Carpet Installation	$	95,000
Total Fiscal Year 2015	$	220,000
Fiscal Year 2016		
Description		Amount
Barrett Library - Carpet Replacement (Part 2 of 2)	$	40,000
Duncan Library - Exterior Light Upgrade/Carpet/Painting	$	110,000
Burke Library - Exterior Lighting Upgrade	$	25,000
Total Fiscal Year 2016	$	175,000
Fiscal Year 2017		
Description		Amount
Barrett Library - HVAC Replacement of 50 Ton Unit	$	135,000
Burke Library - Bathroom Upgrade	$	30,000
Burke Library - Exterior Caulking	$	25,000
Beatley Library - Exterior Lighting Upgrade (Part 1 of 3)	$	70,000
Beatley Library - Exterior Walkway/Parking Lot Investigation	$	25,000
Total Fiscal Year 2017	$	285,000

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 Capital Facilities Maintenance Program (CFMP)

	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*302,782*	*345,000*	245,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	3,350,000
Financing Plan													
Prior City Funding	*302,782*	*345,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	100,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,900,000
Cash Capital	*0*	*0*	145,000	145,000	145,000	145,000	145,000	145,000	145,000	145,000	145,000	145,000	1,450,000
Total Financing Plan	*302,782*	*345,000*	245,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	3,350,000
Add. 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 2015 reduced from $345,000 to $245,000 based on available project balances; no other changes from FY 2016 - 2023. Added funding for FY 2024.

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 2015 - 2017 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 & City Manager's Performance Plan

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 Category 1 Project List

Fiscal Year 2015		
Description		Amount
Misc. HVAC, plumbing, electrical, carpentry	$	33,000
Fort Ward interior offices, replace gun carriages	$	100,000
Fort Ward soil erosion	$	12,000
Gadsby's Tavern Office Improvements	$	35,000
Lyceum and Lloyd House Storm Windows	$	65,000
Total Fiscal Year 2015	$	245,000
Fiscal Year 2016		
Description		Amount
Misc. HVAC, plumbing, electrical, carpentry	$	35,000
Friendship Firehouse exterior repairs, windows/door	$	75,000
Fort Ward soil erosion	$	12,000
Lyceum Exterior painting	$	55,000
Lloyd House courtyard replacement	$	80,000
Archeology storage and museum exhibits	$	33,000
Watson Reading Room painting, kitchen renovation	$	55,000
Total Fiscal Year 2016	$	345,000
Fiscal Year 2017		
Description		Amount
Misc. HVAC, plumbing, electrical, carpentry	$	55,000
Gadsby's Tavern Courtyard Improvements	$	115,000
Lloyd House exterior trim painting	$	45,000
Fort Ward exterior roof and museum painting	$	65,000
Apothecary exterior/interior painting	$	65,000
Total Fiscal Year 2017	$	345,000

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*0*	*0*	0	245,000	0	0	0	0	0	0	0	0	245,000
Financing Plan													
Cash Capital	*0*	*0*	0	245,000	0	0	0	0	0	0	0	0	245,000
Total Financing Plan	*0*	*0*	0	245,000	0	0	0	0	0	0	0	0	245,000
Add. 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 for FY 2016. A business plan for kitchen operations must be approved before funding is appropriated in FY 2016.

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 2015 to determine if the project should move forward in FY 2016.

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 & City Manager's Performance Plan

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.

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*322,536*	*0*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	*322,536*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	*322,536*	*0*	0	0	0	0	0	0	0	0	0	0	0
Add. 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 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.

An allocated balance of $322,538 remains 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 & City Manager's Performance Plan

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.

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 Capital Facilities Maintenance Program (CFMP)													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*180,630*	*0*	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	*180,630*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*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	*180,630*	*0*	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Add. 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: Added funding for FY 2024.

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 2015 - 2017 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 2015 – Group Homes Roof replacements and repairs ($150,000)
FY 2016 – Remodeling Group Home basements and window replacement ($150,000)
FY 2017 – Residential units carpet replacement and painting ($150,000)

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 & City Manager's Performance Plan

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 Category 1 Project List

Fiscal Year 2015	
Description	Amount
Roof replacements and repairs.	$ 150,000
Total Fiscal Year 2015	$ 150,000

Fiscal Year 2016	
Description	Amount
Update basements/windows replacement.	$ 150,000
Total Fiscal Year 2016	$ 150,000

Fiscal Year 2017	
Description	Amount
Carpet replacement and painting.	$ 150,000
Total Fiscal Year 2017	$ 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: TBD

Project Location: 4480 King Street
Reporting Area: Alexandria West
Project Category/Priority: 2 – Renovations/Existing Assets
Estimated Useful Life: 30+ Years

Health Department 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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	900,000	*0*	900,000	0	0	0	0	0	0	0	0	0	900,000
Financing Plan													
General Obligation Bonds	720,000	*0*	720,000	0	0	0	0	0	0	0	0	0	720,000
Cash Capital	180,000	*0*	180,000	0	0	0	0	0	0	0	0	0	180,000
Total Financing Plan	900,000	*0*	900,000	0	0	0	0	0	0	0	0	0	900,000
Add. 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 for FY 2015. Current structure is 40 years old, remediate safety concerns and costly spot maintenance.

Project Description & Justification

4480 King Street is a City owned building that houses the Health Department and 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 which 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.

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 & City Manager's Performance Plan

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 Capital Facilities Maintenance Program (CFMP)													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*552,052*	*0*	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	*552,052*	*0*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	320,000	320,000	320,000	320,000	320,000	320,000	320,000	320,000	320,000	320,000	3,200,000
Cash Capital	*0*	*0*	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	800,000
Total Financing Plan	*552,052*	*0*	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	4,000,000
Add. 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: Added funding for FY 2024.

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 2015 - 2017 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 & City Manager's Performance Plan

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 Stations CFMP Category 1 Project List

Fiscal Year 2015		
Description		Amount
Station 201 - Replace exterior doors and hardware. Point up exterior brick work.	$	37,000
Station 206 - Exterior piping/plumbing upgrade	$	115,000
Station 208 - Front slab repairs/parking lot repairs/generator install preparations	$	248,000
Total Fiscal Year 2015	$	400,000
Fiscal Year 2016		
Description		Amount
Station 204 - HVAC controls/Window Replacement	$	240,000
Station 206 - Interior paint. New flooring.	$	50,000
Station 207 - New VCT flooring. Parking lot paving & front ramp repair	$	70,000
Station 201 - Interior Door Replacement	$	40,000
Total Fiscal Year 2016	$	400,000
Fiscal Year 2017		
Description		Amount
Station 203 - Flooring Replacement	$	15,000
Station 205 - Windows/Assess Sanitary Line	$	154,000
Station 206 - Window Replacement	$	60,000
Station 204 - HVAC Design/Replacement Phase I	$	131,000
Station 208 - Hose Tower Glass Replacement	$	40,000
Total Fiscal Year 2017	$	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 (under construction)	5225 Eisenhower Ave

Fire Station 210 (Eisenhower Valley) / Impound Lot

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Fire Department
ORG: 45341755

Project Location: 5225 Eisenhower Ave.
Reporting Area: Landmark/Van Dorn
Project Category/Priority: 3 – New Facilities
Estimated Useful Life: 30 years

Fire Station 210 (Eisenhower Valley) / Impound Lot													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	16,095,000	*16,095,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
General Obligation Bonds	15,574,894	*15,574,894*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	520,106	*520,106*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	16,095,000	*16,095,000*	0	0	0	0	0	0	0	0	0	0	0
Add. Operating Impact													
Annual Impact			140,160	144,365	148,696	153,157	157,751	162,484	167,358	172,379	177,550	182,877	1,606,777
Cumulative Impact			140,160	284,525	433,221	586,377	744,128	906,612	1,073,971	1,246,350	1,423,900	1,606,777	1,606,777

Changes from Prior Year CIP: No changes from prior year CIP. Project is fully funded and under construction.

Project Description & Justification

This project provides funding for a new three story fire station (Fire Station 210) at 5255 Eisenhower Avenue of approximately 39,430 gross square feet (GSF).

The Fire Station will include six bays (four for operations and two for training), offices, residential amenities (e.g., day room, kitchen, dining area, sleeping areas, bathroom facilities and laundry room), classrooms and exercise room. Associated with the Station will be separate parking for approximately 85 parking spaces. A diesel generator will provide 100 percent backup power with a fuel supply for a minimum 48 hours continuous operation. The new Fire Station will be adjacent to the existing City of Alexandria Police Firing Range located at 5261 Eisenhower Ave. (on the west side) which will remain in operation during the entire project. The project site is bounded on the east and north sides by Covanta Drive which will continue to be used daily by trucks delivering solid waste to the Covanta Waste-to-Energy Plant. Also, the existing Impound Lot Administrative Building located at 5249 Eisenhower Ave. will remain in operation during the project.

As part of this project, a new Impound Parking Lot of approximately 124 parking spaces will be constructed, and a second impound lot at 3000 Business Center Drive will include a new 108 parking space Impound Lot on the west end of the existing DASH Bus Facility. Both Impound Lots will be operated by the City's Transportation and Environmental Services (T&ES) Department. The project will require phasing during construction to maintain continual operation of the City's Impound Lot between both sites. The Business Center Drive impound lot has been completed.

(Continued on next page)

City's Strategic Plan & City Manager's Performance Plan

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

In FY 2015, $140,160 is added to the operating budget to account for station operating costs including utilities. In prior year budgets, all personnel costs have previously been budgeted. The $140,160 represents the additional operating impact in FY 2015.

Project Description & Justification (Continued)

Construction of the new impound lot was competed in June of 2013. Construction of the new fire station commenced July 2013, but unforeseen site conditions of unsuitable soils containing clay and incinerated trash with metal debris was deemed unsuitable for reuse as backfill; requiring disposal and import of suitable backfill. More recently construction has been delayed by heavy rains, severe cold (below freezing), ice and snow during the months of December 2013, January and February of 2014. The schedule was extended due to these circumstances which were beyond the General Contractor's control. Substantial completion is projected for late June 2014 versus May/June of 2014. In the prior CIP report completion of the project was scheduled for March/April 2014. Original completion was to have been December 2013/January 2014, but delay on release of the final site plan pushed the delivery date to March/April 2014.

Completion of this project will enhance Fire Department prevention and response delivery services by operating new stations that are safe, effective, and efficient, while providing a much needed resource to the far west end of Alexandria and providing training facilities. It will also allow the Alexandria Fire Department to house apparatus where needed versus the current practice of where apparatus fits.

Burn Building – Smoke Stack Demolition

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Fire Department
ORG: TBD

Project Location: Payne St. near Alex Renew
Reporting Area: Southwest Quadrant
Project Category/Priority: 2 – Renovations/Existing Assets
Estimated Useful Life: 25 years

Burn Building - Smoke Stack Demolition													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	200,000	*200,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	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
Add. 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 for the demolition of the smoke stack at the Alexandria Fire Department burn building, a two and a half story, 4040 square foot building. Built in 1981, the burn building is located on Payne Street near Alexandria Renew. The burn building is used for recruit and in-service training. The building, which was renovated in 1999 and 2004, is in need of substantial renovations due to the type of use at the training facility. A State-funded consultant report has identified a number of renovations and improvements that are needed.

The burn building was constructed next to, and with an opening to, a large chimney that had been used in conjunction with a trash disposal operation. The chimney is unstable and these funds will be used to demolish and remove it. Long term considerations will need to be considered for renovation/replacement of the facility as funding becomes available.

Planning for this project adheres to the normal demolition requirements with the added possibility of notification requirements for community and adjacent properties. This option is the most appropriate alternative as the smoke stack was identified in an independent, state-funded review to be in need of improvement.

Completion of this project enhances the Fire Department's capacity to prevent and respond to emergencies calls by ensuring that facilities are safe to conduct ongoing training activities.

City's Strategic Plan & City Manager's Performance Plan

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

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

An additional impact to the operating budget is not anticipated.

Fire Station 203 (Cameron Mills)

Document Subsection: Public Safety Facilities
Managing Department: General Services
Supporting Department(s): Fire Department
ORG: TBD

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	7,721,000	*0*	600,000	7,121,000	0	0	0	0	0	0	0	0	7,721,000
Financing Plan													
General Obligation Bonds	5,921,000	*0*	0	5,921,000	0	0	0	0	0	0	0	0	5,921,000
Cash Capital	1,800,000	*0*	600,000	1,200,000	0	0	0	0	0	0	0	0	1,800,000
Total Financing Plan	7,721,000	*0*	600,000	7,121,000	0	0	0	0	0	0	0	0	7,721,000
Add. Operating Impact													
Annual Impact			0	1,200,000	1,100,000	1,133,000	1,166,990	1,202,000	1,238,060	1,275,201	1,313,458	1,352,861	10,981,570
Cumulative Impact			0	1,200,000	2,300,000	3,433,000	4,599,990	5,801,990	7,040,049	8,315,251	9,628,708	10,981,570	10,981,570

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

Project Description & Justification

Fire Station 203, located in the Beverley Hills area, was built in 1948 and is 64 years old. The Station's two bays house an Engine, a Ladder Truck, and an EMS Supervisor vehicle.

The FY 2013 – 2022 Capital Improvement Program included $6.2 million for Station 203 demolition and subsequent replacement with a new two bay station. The project costs had not been updated since 2010. Revised cost estimates total $7.72 million based upon updated data and inflationary adjustments since 2010.

The rationale for demolition-replacement 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 a much needed 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.

Preliminary planning and design plans have been completed. The next phase will be more detailed and specifically related to the logistics of bringing the project forward for design and construction. 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.

(Continued on next page)

City's Strategic Plan & City Manager's Performance Plan

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

The new Station 203 is tentatively scheduled to open in the FY 2017 time frame. Medics would need to be hired in FY 2016 to operate a planned new medic unit. First year estimated costs of $1.2 million include compensation, uniforms, protective gear, communications gear, and training along with operating expenditures associated with running the facility. It is unknown if a new medic unit will be placed at this facility, or an existing medic unit will be transferred.

Project Description & Justification (Continued)

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.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	17,972,000	*0*	0	0	700,000	17,272,000	0	0	0	0	0	0	17,972,000
Financing Plan													
General Obligation Bonds	16,022,000	*0*	0	0	0	16,022,000	0	0	0	0	0	0	16,022,000
Cash Capital	1,950,000	*0*	0	0	700,000	1,250,000	0	0	0	0	0	0	1,950,000
Total Financing Plan	17,972,000	*0*	0	0	700,000	17,272,000	0	0	0	0	0	0	17,972,000
Add. Operating Impact													
Annual Impact			0	0	0	0	12,000	12,360	12,731	13,113	13,506	13,911	77,621
Cumulative Impact			0	0	0	0	12,000	24,360	37,091	50,204	63,710	77,621	77,621

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

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 FY 2013 – 2022 Capital Improvement Program included $9.7million for Station 207 demolition and construction of a new four bay station. The project costs had not been updated since 2010. Revised cost estimates total $17.97 million based upon updated data, updated facility assessments and inflationary adjustments since 2010. 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. The 2012 assessed value of the Fire Station 207 land is $560,000. 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. 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 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 & City Manager's Performance Plan

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, $12,000 is budgeted beginning in FY 2019 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
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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	13,200,000	*0*	0	0	1,100,000	5,000,000	7,100,000	0	0	0	0	0	13,200,000
Financing Plan													
General Obligation Bonds	2,000,000	*0*	0	0	0	0	2,000,000	0	0	0	0	0	2,000,000
Private Capital Contributions	11,200,000	*0*	0	0	1,100,000	5,000,000	5,100,000	0	0	0	0	0	11,200,000
Total Financing Plan	13,200,000	*0*	0	0	1,100,000	5,000,000	7,100,000	0	0	0	0	0	13,200,000
Add. Operating Impact													
Annual Impact			0	0	0	0	5,700,000	5,400,000	5,562,000	5,728,860	5,900,726	6,077,748	34,369,333
Cumulative Impact			0	0	0	0	5,700,000	11,100,000	16,662,000	22,390,860	28,291,586	34,369,333	34,369,333

Changes from Prior Year CIP: New project for FY 2017 - 2019. Funded with $11.2 million in development contributions and $2.0 million in City funds.

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 will 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 with 16 beds, and an apparatus area with 4 bays. The four bay station is necessary to house a rescue engine, a rescue squad, a medic unit and a Battalion Chief vehicle and an EMS Supervisor.

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 & City Manager's Performance Plan

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 Road)													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	10,887,000	*0*	0	0	0	700,000	10,187,000	0	0	0	0	0	10,887,000
Financing Plan													
General Obligation Bonds	8,787,000	*0*	0	0	0	0	8,787,000	0	0	0	0	0	8,787,000
Cash Capital	2,100,000	*0*	0	0	0	700,000	1,400,000	0	0	0	0	0	2,100,000
Total Financing Plan	10,887,000	*0*	0	0	0	700,000	10,187,000	0	0	0	0	0	10,887,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	12,000	12,360	12,731	13,113	13,506	63,710
Cumulative Impact			0	0	0	0	0	12,000	24,360	37,091	50,204	63,710	63,710

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

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. A new Station 211 is needed for the Beauregard Corridor area.) 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, four bay station is needed to house an Engine, a Rescue unit, a Medic unit, and vehicles for a Battalion Chief and an EMS Supervisor.

The FY 2013 – 2022 Capital Improvement Program included $9.7million for Station 206 demolition and construction of a new four bay station. Revised cost estimates total $10.88 million based upon updated data and inflationary adjustments since 2010. 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 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 & City Manager's Performance Plan

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, $12,000 is budgeted beginning in FY 2019 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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	10,603,000	*0*	0	0	0	0	0	700,000	9,903,000	0	0	0	10,603,000
Financing Plan													
General Obligation Bonds	8,603,000	*0*	0	0	0	0	0	0	8,603,000	0	0	0	8,603,000
Cash Capital	2,000,000	*0*	0	0	0	0	0	700,000	1,300,000	0	0	0	2,000,000
Total Financing Plan	10,603,000	*0*	0	0	0	0	0	700,000	9,903,000	0	0	0	10,603,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	12,000	12,360	12,731	37,091
Cumulative Impact			0	0	0	0	0	0	0	12,000	24,360	37,091	37,091

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

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, 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 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 four bay Station is recommended to replace the existing Station 205 to house an Engine, a Ladder Truck (from Station 204), a Medic Unit; and a Battalion Chief and EMS Supervisor vehicles. The current site is exceptionally limited in size and cannot accommodate a four bay station.

The FY 2013 – 2022 Capital Improvement Program included $9.7 million for Station 205 demolition and construction of a new four bay station. Revised cost estimates total $10.6 million based upon updated data and inflationary adjustments since 2010. In all likelihood this station will need to be relocated 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. The 2012 assessed value of the Fire Station 205 land is $1.386 million. 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. 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 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 & City Manager's Performance Plan

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, $12,000 is budgeted beginning in FY 2019 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 Capital Facilities Maintenance Program (CFMP)													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*391,577*	*0*	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	*391,577*	*0*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	275,000	285,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,960,000
Cash Capital	*0*	*0*	185,000	175,000	160,000	160,000	160,000	160,000	160,000	160,000	160,000	160,000	1,640,000
Total Financing Plan	*391,577*	*0*	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	4,600,000
Add. 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: Added funding for FY 2024.

Project Description & Justification

This project will provide funds to update and repair existing infrastructure at the Public Safety Center (PSC), Franklin Backus Courthouse, and 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 proposed projects and establish a list of priorities; and evaluate new project proposals.

A prioritized list of projects planned for FY 2015 - 2017 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 & City Manager's Performance Plan

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 CFMP Category 1 Project List

Fiscal Year 2015		
Description		Amount
Replace WGTADC Kitchen and Laundry Equipment	$	90,000
HVAC, Plumbing, Electrical to replace existing	$	75,000
Exterior masonry repairs	$	90,000
Replace Gate B systems/components	$	85,000
Interior upgrades to include gym flooring	$	100,000
Painting Supplies	$	20,000
Total Fiscal Year 2015	$	460,000

Fiscal Year 2016		
Description		Amount
Replace WGTADC Kitchen and Laundry Equipment	$	100,000
HVAC, Plumbing, Electrical upgrades	$	75,000
Painting	$	20,000
Exterior repairs to include windows, masonry, lighting	$	90,000
Replace Gate C systems/components	$	95,000
Interior upgrades to include epoxy shower, kitchen repairs	$	80,000
Total Fiscal Year 2016	$	460,000

Fiscal Year 2017		
Description		Amount
Replace WGTADC Kitchen and Laundry Equipment	$	85,000
HVAC, Plumbing, Electrical to replace existing	$	50,000
Exterior masonry and windows repairs	$	50,000
Epoxy inmate showers (22)	$	125,000
Epoxy kitchen Floor and Walls	$	130,000
Painting supplies	$	20,000
Total Fiscal Year 2017	$	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: TBD

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 Replacement and Capital Facilities Maintenance Program													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	2,250,000	*200,000*	500,000	250,000	250,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	2,050,000
Financing Plan													
General Obligation Bonds	1,630,000	*180,000*	400,000	175,000	175,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,450,000
Cash Capital	620,000	*20,000*	100,000	75,000	75,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	600,000
Total Financing Plan	2,250,000	*200,000*	500,000	250,000	250,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	2,050,000
Add. 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: Continued planned funding for the HVAC replacement in FY 2015 - 2016. Beginning in FY 2017, $150,000 is added to the CIP annually to begin a regular capital facilities maintenance program for courthouse facilities.

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 & City Manager's Performance Plan

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.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,360,700	*380,000*	980,700	0	0	0	0	0	0	0	0	0	980,700
Financing Plan													
General Obligation Bonds	1,215,000	*333,000*	882,000	0	0	0	0	0	0	0	0	0	882,000
Cash Capital	135,700	*37,000*	98,700	0	0	0	0	0	0	0	0	0	98,700
Total Financing Plan	1,350,700	*370,000*	980,700	0	0	0	0	0	0	0	0	0	980,700
Add. 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 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).

An assessment report completed in October 2012 requires that engineering design services develop construction documents for permit and subsequent construction for equipment replacement.

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 & City Manager's Performance Plan

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 (EOC) / 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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	4,815,000	*4,815,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
General Obligation Bonds	3,465,000	*3,465,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	1,350,000	*1,350,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	4,815,000	*4,815,000*	0	0	0	0	0	0	0	0	0	0	0
Add. 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 was funded in FY2013 and included the build-out of the space vacated by the Police Department to a new and dedicated City Emergency Operation Center (EOC), expanded Sheriff's Office, Police Hack Office, and Emergency Management storage.

In order to provide necessary HVAC service for these new functions, additional funding is 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.) Funding was provided for this in FY 2014.

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 fall 2014 with construction starting immediately thereafter.

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 & City Manager's Performance Plan

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	490,000	*490,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	490,000	*490,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	490,000	*490,000*	0	0	0	0	0	0	0	0	0	0	0
Add. 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 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 in preliminary planning. Architectural/Engineering professional will be needed to take preliminary design concepts developed by the department and validate space program requirements. Once program requirements are validated, design and construction documents will be developed for construction pricing and award.

Completion of this project helps maintain and enhance the City's public safety facilities.

City's Strategic Plan & City Manager's Performance Plan

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,680,000	*0*	180,000	1,500,000									1,680,000
Financing Plan													
General Obligation Bonds	1,300,000	*0*	0	1,300,000	0	0	0	0	0	0	0	0	1,300,000
Cash Capital	380,000	*0*	180,000	200,000	0	0	0	0	0	0	0	0	380,000
Total Financing Plan	1,680,000	*0*	180,000	1,500,000	0	0	0	0	0	0	0	0	1,680,000
Add. 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: 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.

Preliminary design concepts were previously developed to address the air-borne lead particulate at the shooting lines. These concepts must be further developed with constructible details and systems that perform the necessary function of removing as much lead particulate for the immediate shooting environment.

In addition to maintaining our City's public safety infrastructure, this project mitigates environmental concerns at the facility.

City's Strategic Plan & City Manager's Performance Plan

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

This project has not reached detailed design and construction phases so operating costs cannot be accurately determined until the full scope of the project is defined. There will be; however, some increase in maintenance cost for new mechanical equipment installed as a part of the project. Modest increase in electrical utility cost can be expected to operate the new mechanical equipment

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: Seminary Hill
Project Category/Priority: 1 – Asset Maintenance
Estimated Useful Life: Varies

Vola Lawson Animal Shelter Capital Facilities Maintenance Program													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*54,685*	*30,000*	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	*54,685*	*30,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*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	*54,685*	*30,000*	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	300,000
Add. 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: Added funding for FY 2024.

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 & City Manager's Performance Plan

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

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
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of All Projects

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Transportation												
Public Transit												
South Eisenhower Metrorail Station - South Entrance	*$4,552,085*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
King Street Metrorail Station Area Improvements	*$6,895,878*	$0	$0	$382,000	$382,000	$382,000	$0	$0	$0	$0	$0	$1,146,000
Potomac Yard Metrorail Station	*$2,475,000*	$5,025,000	$4,000,000	$270,000,000	$0	$0	$0	$0	$0	$0	$0	$279,025,000
WMATA Capital Contributions	*$0*	$5,380,000	$5,530,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$55,310,000
Bus Shelters and Benches	*$0*	$1,550,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,550,000
DASH Bus Fleet Replacements (Since FY 2011)	*$0*	$4,550,000	$3,900,000	$5,200,000	$2,600,000	$3,900,000	$0	$3,900,000	$7,150,000	$9,100,000	$5,850,000	$46,150,000
DASH Bus Fleet Expansion	*$0*	$3,250,000	$0	$0	$3,900,000	$1,300,000	$2,600,000	$0	$2,600,000	$0	$0	$13,650,000
Hybrid Bus and Trolley Battery Pack Replacement	*$0*	$100,000	$200,000	$350,000	$400,000	$200,000	$0	$0	$0	$0	$0	$1,250,000
Van Dorn Metrorail Station Area Imprv.	*$0*	$0	$0	$500,000	$1,250,000	$0	$0	$0	$0	$0	$0	$1,750,000
Landmark Transit Station	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$600,000	$5,400,000	$6,000,000
Public Transit Total	*$13,922,963*	$19,855,000	$13,630,000	$281,982,000	$14,082,000	$11,332,000	$8,150,000	$9,450,000	$15,300,000	$15,250,000	$16,800,000	$405,831,000
High Capacity Transit Corridors												
Route 1 Transitway	*$0*	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000
Transit Corridor "A" - Crystal City/Potomac Yard Streetcars	*$680,000*	$0	$0	$0	$0	$0	$0	$3,000,000	$0	$0	$0	$3,000,000
Transit Corridor "C" - Beauregard	*$1,825,000*	$100,000	$5,000,000	$32,592,000	$33,534,000	$21,831,000	$500,000	$0	$0	$0	$0	$93,557,000
Transit Corridor "C" Transit Priority	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	*$0*	$250,000	$0	$0	$0	$0	$210,000	$0	$2,100,000	$2,000,000	$15,000,000	$19,560,000
High Capacity Transit Corridors Total	*$2,505,000*	$950,000	$5,000,000	$32,592,000	$33,534,000	$21,831,000	$710,000	$3,000,000	$2,100,000	$2,000,000	$15,000,000	$116,717,000
Non-Motorized Transportation												
Edsall and South Pickett Pedestrian Imprv.	*$0*	$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	$0
Pedestrian & Bicycle Master Plan Update	*$0*	$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	$0
BRAC Neighborhood Protection Plan	*$510,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Holmes Run Greenway	*$6,452,402*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Mt. Vernon Trail @ East Abingdon	*$500,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Access to Transit	*$1,548,000*	$60,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$60,000
Capital Bikeshare	*$600,000*	$484,000	$0	$500,000	$750,000	$300,000	$320,000	$0	$0	$0	$0	$2,354,000
Complete Streets	*$433,088*	$1,000,000	$900,000	$900,000	$900,000	$1,240,000	$900,000	$900,000	$900,000	$900,000	$900,000	$9,440,000
Shared-Use Paths	*$118,000*	$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	*$439,469*	$500,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$3,200,000
Parking Study	*$0*	$150,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$150,000
Bicycle Parking at Major Transit Stops	*$0*	$0	$50,000	$500,000	$0	$100,000	$100,000	$0	$0	$0	$0	$750,000
Old Cameron Run Trail	*$0*	$0	$500,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$3,500,000
Cameron & Prince Bicycle Facilities	*$0*	$0	$300,000	$0	$0	$0	$0	$0	$0	$0	$0	$300,000
Braddock Rd. Metro Multimodal Connections	*$0*	$0	$0	$0	$500,000	$0	$0	$0	$0	$0	$0	$500,000
Backlick Run Multi-Use Paths	*$0*	$0	$0	$0	$200,000	$3,000,000	$0	$0	$0	$0	$0	$3,200,000
Van Dorn/Beauregard Bicycle Facilities	*$0*	$0	$0	$0	$0	$250,000	$1,270,000	$0	$0	$0	$0	$1,520,000
Non-Motorized Transportation Total	*$10,600,959*	$2,494,000	$2,350,000	$5,500,000	$2,950,000	$5,490,000	$3,190,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$27,974,000

Transportation & Transit Infrastructure
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of All Projects (Continued)

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Streets & Bridges												
King/Quaker Lane/Braddock Rd. Intersection	*$5,848,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Eisenhower Avenue Roadway Improvements	*$4,428,816*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
King & Beauregard Intersection Improvements	*$0*	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Madison & Montgomery Reconstruction	*$0*	$1,100,000	$0	$6,325,000	$0	$0	$0	$0	$0	$0	$0	$7,425,000
Seminary Road at Beauregard Street Ellipse	*$0*	$1,175,000	$0	$0	$3,500,000	$16,200,000	$16,700,000	$0	$0	$0	$0	$37,575,000
Street Reconstruction & Resurfacing of Major Roads	*$770,679*	$4,493,000	$3,975,000	$5,200,000	$4,200,000	$4,750,000	$5,125,000	$4,350,000	$4,725,000	$4,725,000	$4,725,000	$46,268,000
Bridge Repairs	*$1,100,000*	$875,000	$300,000	$700,000	$300,000	$700,000	$300,000	$700,000	$300,000	$700,000	$300,000	$5,175,000
Route 1 @ E. Reed Intersection Improvements	*$0*	$350,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$350,000
Mt. Vernon Ave/Russell Road Intersection	*$0*	$250,000	$1,250,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,500,000
High Street Construction	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$500,000
Van Dorn Metro Multimodal Bridge	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$500,000
Streets & Bridges Total	*$12,147,495*	$9,743,000	$5,525,000	$12,225,000	$8,000,000	$21,650,000	$22,125,000	$5,050,000	$5,025,000	$6,425,000	$5,025,000	$100,793,000
Fixed Transportation Equipment												
Fixed Transportation Equipment	*$1,010,000*	$490,000	$850,000	$850,000	$1,450,000	$850,000	$850,000	$850,000	$850,000	$2,350,000	$850,000	$10,240,000
Intelligent Transportation Systems (ITS) Integration	*$1,567,019*	$2,450,000	$1,975,000	$0	$0	$0	$0	$0	$0	$0	$0	$4,425,000
Citywide Transportation Management System (SCOOT/TDi)	*$0*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Transportation Technologies	*$550,000*	$0	$250,000	$250,000	$0	$250,000	$0	$0	$250,000	$0	$250,000	$1,250,000
Parking Technologies	*$0*	$0	$0	$0	$110,000	$200,000	$0	$0	$0	$0	$0	$310,000
Fixed Transportation Equipment Total	*$3,127,019*	$3,440,000	$3,075,000	$1,100,000	$1,560,000	$1,300,000	$850,000	$850,000	$1,100,000	$2,350,000	$1,100,000	$16,725,000
Transportation Total	*$42,303,436*	$36,482,000	$29,580,000	$333,399,000	$60,126,000	$61,603,000	$35,025,000	$19,850,000	$25,025,000	$27,525,000	$39,425,000	$668,040,000

Transportation & Transit Infrastructure
Proposed FY 2015 – 2024 Capital Improvement Program
Funding Sources with Projects

Revenue Source/CIP Section/Project	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 15-24 TOTAL
Cash Capital											
Bridge Repairs	$75,000	$75,000	$700,000	$75,000	$175,000	$75,000	$175,000	$75,000	$175,000	$300,000	$1,900,000
Complete Streets	$334,000	$225,000	$225,000	$225,000	$225,000	$225,000	$225,000	$225,000	$225,000	$225,000	$2,359,000
Fixed Transportation Equipment	$45,000	$425,000	$425,000	$725,000	$425,000	$425,000	$425,000	$425,000	$1,175,000	$425,000	$4,920,000
Shared-Use Paths	$0	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$2,700,000
Hybrid Bus and Trolley Battery Pack Replacement	$100,000	$200,000	$350,000	$400,000	$200,000	$0	$0	$0	$0	$0	$1,250,000
Sidewalk Capital Maintenance	$0	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$2,700,000
Street Reconstruction & Resurfacing of Major Roads	$425,000	$1,400,000	$1,625,000	$1,700,000	$2,250,000	$775,000	$325,000	$1,475,000	$1,475,000	$1,475,000	$12,925,000
Cash Capital Total	$979,000	$2,925,000	$3,925,000	$3,725,000	$3,875,000	$2,100,000	$1,750,000	$2,800,000	$3,650,000	$3,025,000	$28,754,000
Prior Year CIP/Projects Closed-Out											
Fixed Transportation Equipment	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$200,000
Shared-Use Paths	$300,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$300,000
Sidewalk Capital Maintenance	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Prior Year CIP/Projects Closed-Out Total	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000
GO Bonds											
Bridge Repairs	$150,000	$225,000	$0	$225,000	$525,000	$225,000	$525,000	$225,000	$525,000	$0	$2,625,000
Complete Streets	$346,000	$675,000	$675,000	$675,000	$675,000	$675,000	$675,000	$675,000	$675,000	$675,000	$6,421,000
Fixed Transportation Equipment	$245,000	$425,000	$425,000	$725,000	$425,000	$425,000	$425,000	$425,000	$1,175,000	$425,000	$5,120,000
Madison & Montgomery Reconstruction	$0	$0	$6,325,000	$0	$0	$0	$0	$0	$0	$0	$6,325,000
WMATA Capital Contributions	$2,880,000	$5,530,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$52,810,000
DASH Bus Fleet Replacements (Since FY 2011)	$0	$0	$0	$0	$0	$0	$650,000	$5,200,000	$5,200,000	$1,950,000	$13,000,000
Street Reconstruction & Resurfacing of Major Roads	$0	$1,575,000	$1,575,000	$1,500,000	$1,500,000	$2,700,000	$2,700,000	$2,000,000	$2,000,000	$2,000,000	$17,550,000
GO Bonds Total	$3,621,000	$8,430,000	$14,550,000	$8,675,000	$8,675,000	$9,575,000	$10,525,000	$14,075,000	$15,125,000	$10,600,000	$103,851,000
Cash Capital - TIP											
Backlick Run Multi-Use Paths	$0	$0	$0	$0	$1,090,000	$0	$0	$0	$0	$0	$1,090,000
Bridge Repairs	$650,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$650,000
Eisenhower Avenue Roadway Improvements	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
High Street Construction	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$500,000
Madison & Montgomery Reconstruction	$100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$100,000
Mt. Vernon Ave/Russell Road Intersection	$250,000	$1,250,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,500,000
Old Cameron Run Trail	$0	$500,000	$905,000	$0	$0	$0	$0	$0	$0	$0	$1,405,000
Parking Study	$150,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$150,000
Transportation Technologies	$0	$250,000	$250,000	$0	$250,000	$0	$0	$250,000	$0	$250,000	$1,250,000
Van Dorn Metro Multimodal Bridge	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$500,000
DASH Bus Fleet Expansion	$0	$0	$0	$1,300,000	$1,300,000	$0	$0	$650,000	$0	$0	$3,250,000
Van Dorn Metrorail Station Area Imprv.	$0	$0	$500,000	$1,250,000	$0	$0	$0	$0	$0	$0	$1,750,000
Street Reconstruction & Resurfacing of Major Roads	$1,400,000	$0	$1,000,000	$0	$0	$650,000	$325,000	$250,000	$250,000	$250,000	$4,125,000
Cash Capital - TIP Total	$3,050,000	$2,000,000	$2,655,000	$2,550,000	$2,640,000	$650,000	$325,000	$1,150,000	$1,250,000	$500,000	$16,770,000

Transportation & Transit Infrastructure
Proposed FY 2015 – 2024 Capital Improvement Program
Funding Sources with Projects (Continued)

Revenue Source/CIP Section/Project	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 15-24 TOTAL
Cash Capital - TIP/Prior Years											
Eisenhower Avenue Roadway Improvements	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Madison & Montgomery Reconstruction	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Street Reconstruction & Resurfacing of Major Roads	$2,550,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,550,000
Cash Capital - TIP/Prior Years Total	$3,550,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,550,000
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 Major Transit Stops	$0	$50,000	$500,000	$0	$100,000	$100,000	$0	$0	$0	$0	$750,000
Braddock Rd. Metro Multimodal Connections	$0	$0	$0	$500,000	$0	$0	$0	$0	$0	$0	$500,000
Capital Bikeshare	$484,000	$0	$500,000	$750,000	$300,000	$320,000	$0	$0	$0	$0	$2,354,000
Complete Streets	$0	$0	$0	$0	$340,000	$0	$0	$0	$0	$0	$340,000
Old Cameron Run Trail	$0	$0	$2,095,000	$0	$0	$0	$0	$0	$0	$0	$2,095,000
Parking Technologies	$0	$0	$0	$110,000	$200,000	$0	$0	$0	$0	$0	$310,000
Transit Corridor "C" - Beauregard	$100,000	$0	$0	$0	$500,000	$500,000	$0	$0	$0	$0	$1,100,000
Van Dorn/Beauregard Bicycle Facilities	$0	$0	$0	$0	$250,000	$1,270,000	$0	$0	$0	$0	$1,520,000
Intelligent Transportation Systems (ITS) Integration	$2,450,000	$1,975,000	$0	$0	$0	$0	$0	$0	$0	$0	$4,425,000
CMAQ/RSTP Total	$3,034,000	$2,025,000	$3,095,000	$1,560,000	$3,600,000	$2,190,000	$0	$0	$0	$0	$15,504,000
GO Bonds - Potomac Yard											
Potomac Yard Metrorail Station	$0	$0	$204,000,000	$0	$0	$0	$0	$0	$0	$0	$204,000,000
GO Bonds - Potomac Yard Total	$0	$0	$204,000,000	$0	$0	$0	$0	$0	$0	$0	$204,000,000
PY Special Tax District Revenues											
Potomac Yard Metrorail Station	$2,525,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$5,525,000
PY Special Tax District Revenues Total	$2,525,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$5,525,000
New Freedom Grant											
Complete Streets	$320,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$320,000
New Freedom Grant Total	$320,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$320,000
NVTA - 70%											
Bus Shelters and Benches	$450,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$450,000
Citywide Transportation Management System (SCOOT/TDi)	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Landmark Transit Station	$0	$0	$0	$0	$0	$0	$0	$0	$600,000	$5,400,000	$6,000,000
Potomac Yard Metrorail Station	$2,500,000	$1,000,000	$66,000,000	$0	$0	$0	$0	$0	$0	$0	$69,500,000
Route 1 Transitway	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000
Transit Corridor "A" - Crystal City/Potomac Yard Streetcars	$0	$0	$0	$0	$0	$0	$3,000,000	$0	$0	$0	$3,000,000
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	$250,000	$0	$0	$0	$0	$210,000	$0	$2,100,000	$2,000,000	$15,000,000	$19,560,000
Transit Corridor "C" - Beauregard	$0	$2,400,000	$19,740,000	$20,000,000	$20,000,000	$0	$0	$0	$0	$0	$62,140,000
DASH Bus Fleet Expansion	$3,250,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,250,000
NVTA - 70% Total	$7,550,000	$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	$165,000,000

Transportation & Transit Infrastructure
Proposed FY 2015 – 2024 Capital Improvement Program
Funding Sources with Projects (Continued)

Revenue Source/CIP Section/Project	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 15-24 TOTAL
NVTA - 30%											
Access to Transit	$60,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$60,000
Bus Shelters and Benches	$1,100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,100,000
Cameron & Prince Bicycle Facilities	$0	$300,000	$0	$0	$0	$0	$0	$0	$0	$0	$300,000
Route 1 @ E. Reed Intersection Improvements	$350,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$350,000
WMATA Capital Contributions	$2,500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,500,000
Seminary Road at Beauregard Street Ellipse	$425,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$425,000
DASH Bus Fleet Expansion	$0	$0	$0	$2,600,000	$0	$2,600,000	$0	$1,950,000	$0	$0	$7,150,000
King Street Metrorail Station Area Improvements	$0	$0	$7,640	$7,640	$7,640	$0	$0	$0	$0	$0	$22,920
DASH Bus Fleet Replacements (Since FY 2011)	$4,550,000	$3,900,000	$5,200,000	$2,600,000	$3,900,000	$0	$3,250,000	$1,950,000	$3,900,000	$3,900,000	$33,150,000
NVTA - 30% Total	$8,985,000	$4,200,000	$5,207,640	$5,207,640	$3,907,640	$2,600,000	$3,250,000	$3,900,000	$3,900,000	$3,900,000	$45,057,920
Reprogrammed VDOT Funds											
King & Beauregard Intersection Improvements	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Reprogrammed VDOT Funds Total	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000
State Revenue Sharing											
Street Reconstruction & Resurfacing of Major Roads	$118,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$9,118,000
State Revenue Sharing Total	$118,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$9,118,000
Urban Funds											
Transit Corridor "C" - Beauregard	$0	$0	$752,000	$1,034,000	$1,331,000	$0	$0	$0	$0	$0	$3,117,000
King Street Metrorail Station Area Improvements	$0	$0	$374,360	$374,360	$374,360	$0	$0	$0	$0	$0	$1,123,080
Urban Funds Total	$0	$0	$1,126,360	$1,408,360	$1,705,360	$0	$0	$0	$0	$0	$4,240,080
Private Development Contributions											
Transit Corridor "C" - Beauregard	$0	$2,600,000	$12,100,000	$12,500,000	$0	$0	$0	$0	$0	$0	$27,200,000
Seminary Road at Beauregard Street Ellipse	$750,000	$0	$0	$3,500,000	$16,200,000	$16,700,000	$0	$0	$0	$0	$37,150,000
Private Development Contributions Total	$750,000	$2,600,000	$12,100,000	$16,000,000	$16,200,000	$16,700,000	$0	$0	$0	$0	$64,350,000
Finance Total	$36,482,000	$29,580,000	$333,399,000	$60,126,000	$61,603,000	$35,025,000	$19,850,000	$25,025,000	$27,525,000	$39,425,000	$668,040,000

Transportation Improvement Program (TIP)

FY 2015 – FY 2024 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 – 2024, as the City has realized new revenue from NVTA 70% and 30% sources, the definition of the TIP is proposed to be 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 before FY 2014. Details of the fund revenues, operating expenditures and capital projects are included below.

Details of Revenues

Transportation Improvement Program (TIP) Revenues	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-FY24
TIP Reserved Real Estate Tax Rate	$7,761,063	$7,974,492	$8,213,727	$8,480,673	$8,756,295	$9,040,875	$9,334,703	$9,638,081	$9,951,319	$10,274,736	$89,425,964
TIP Cash Capital	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TIP Cash Reprogrammed from Prior Years	$3,550,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,550,000
TIP General Obligation Bonds	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Fund Balance Carryover	$0	$125,215	$953,979	$501,479	$223,160	$31,188	$942,470	$1,836,660	$1,816,670	$1,681,672	$0
Total TIP Revenues	$11,311,063	$8,099,707	$9,167,706	$8,982,152	$8,979,455	$9,072,062	$10,277,173	$11,474,741	$11,767,989	$11,956,409	$92,975,964

Summary of Operating Expenditures, Debt Service and Capital Projects

Transportation Improvement Program Expenditure Overview	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-FY24
TIP Operating (Current + Expanded)	$4,020,436	$4,589,421	$5,411,761	$5,627,035	$5,743,818	$6,932,652	$7,586,081	$7,996,148	$8,341,901	$8,689,387	$64,938,641
TIP Capital Projects	$6,600,000	$2,000,000	$2,655,000	$2,550,000	$2,640,000	$650,000	$325,000	$1,150,000	$1,250,000	$500,000	$20,320,000
TIP Debt Service (thru FY 2013)	$565,412	$556,307	$599,466	$581,957	$564,449	$546,940	$529,432	$511,923	$494,415	$494,415	$5,444,716
Total TIP Expenditures	$11,185,848	$7,145,728	$8,666,227	$8,758,992	$8,948,267	$8,129,592	$8,440,513	$9,658,071	$10,086,316	$9,683,802	$90,703,357

Details of Operating Expenditures and Debt Service

Transportation Improvement Program (TIP) Projects (Base Operating Beginning FY 2015)	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-FY24
Capital Bikeshare - Phases I, II, & III	$239,000	$319,000	$319,000	$319,000	$319,000	$319,000	$319,000	$319,000	$319,000	$319,000	$3,110,000
Bus Shelter Maintenance ($100K G/F base + $40K new)	$140,000	$142,100	$144,232	$146,395	$148,591	$150,820	$153,082	$155,378	$157,709	$160,075	$1,498,381
Street Repair Budget ($500K G/F base + $200K new)	$700,000	$710,500	$721,158	$731,975	$742,954	$754,099	$765,410	$776,891	$788,545	$800,373	$7,491,905
DASH Expansion (AT 6, AT8, AT9 expansion implemented)	$1,608,000	$1,608,000	$1,608,000	$1,608,000	$1,608,000	$1,608,000	$1,608,000	$1,608,000	$1,608,000	$1,608,000	$16,080,000
Expanded Trolley Operations	$195,000	$200,850	$206,876	$213,082	$219,474	$226,058	$232,840	$239,825	$247,020	$254,431	$2,235,456
Transportation Implementation Staff - T&ES FY 14 base	$263,440	$264,133	$272,057	$280,219	$288,625	$297,284	$306,202	$315,388	$324,850	$334,596	$2,946,793
Transportation Implementation Staff NEW - Laborer III	$65,787	$67,761	$69,794	$71,887	$74,044	$76,265	$78,553	$80,910	$83,337	$85,837	$754,177
Transportation Implementation Staff - (DPI shift + NEW 1.0 FTE)	$396,122	$400,796	$412,820	$425,204	$437,961	$451,099	$464,632	$478,571	$492,928	$507,716	$4,467,850
Transportation Improvement Progam - Indirect Costs to G/F	$242,000	$249,260	$256,738	$264,440	$272,373	$280,544	$288,961	$297,629	$306,558	$315,755	$2,774,259
Transfer Urban Planner III (T&ES G/F) & NEW 0.5 FTE for projects	$171,087	$176,220	$181,506	$186,951	$192,560	$198,337	$204,287	$210,415	$216,728	$223,230	$1,961,321

Transportation Improvement Program (TIP)
FY 2015 – FY 2024 Sources & Uses (Continued)

Details of Operating Expenditures and Debt Service (Continued)

Transportation Improvement Program (TIP) Projects (Expanded Operating - FY 2016 & Beyond)	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-FY24
DASH Expansion (AT 1, and AT3, AT4, and AT5 headways)	$0	$380,802	$1,038,082	$1,038,082	$1,038,082	$1,038,082	$1,038,082	$1,038,082	$1,038,082	$1,038,082	$8,685,458
DASH Bus Future Expansion (FY 19 & beyond)	$0	$0	$0	$0	$0	$1,080,000	$1,652,000	$1,989,000	$2,270,000	$2,551,000	$9,542,000
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	$71,643	$73,792	$603,540
Capital Bikeshare Expansion Operations	$0	$0	$121,500	$270,000	$328,500	$367,500	$367,500	$367,500	$367,500	$367,500	$2,557,500
Total TIP Operating Costs	$4,020,436	$4,589,421	$5,411,761	$5,627,035	$5,743,818	$6,932,652	$7,586,081	$7,996,148	$8,341,901	$8,689,387	$64,938,641
TIP Debt Service	$565,412	$556,307	$599,466	$581,957	$564,449	$546,940	$529,432	$511,923	$494,415	$494,415	$5,444,716

Details of Capital Projects

Transportation Improvement Program (TIP) Projects Subsection/Project	TIP Funding To Date	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-FY24
High Capacity Transit Corridors												
Route 1 Transitway	*$5,200,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transit Corridor "C" - Beauregard	*$2,100,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transit Corridor "A" Streetcar Conversion	*$1,000,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transit Corridor "B" - Duke Street	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Public Transit												
DASH Fleet Expansion Phase (FY 18 & beyond)	*$7,150,000*	$0	$0	$0	$1,300,000	$1,300,000	$0	$0	$650,000	$0	$0	$3,250,000
King Street Metrorail Station Area	*$2,400,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Van Dorn Metrorail Station Area Improvements	*$0*	$0	$0	$500,000	$1,250,000	$0	$0	$0	$0	$0	$0	$1,750,000
Landmark Transit Station	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Streets & Bridges												
King/Quaker/Braddock Intersection	*$6,000,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Eisenhower Avenue Widening	*$0*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Bridge Repairs	*$0*	$650,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$650,000
Street Reconstruction & Resurfacing/Major Rd.	*$0*	$3,950,000	$0	$1,000,000	$0	$0	$650,000	$325,000	$250,000	$250,000	$250,000	$6,675,000
Madison and Montgomery Reconstruction	*$0*	$1,100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,100,000
Seminary Rd. at Beauregard Ellipse	*$325,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Union Street Pedestrian and Traffic Improvements	*$245,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Mt. Vernon Ave/Russell Road Intersection	*$0*	$250,000	$1,250,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,500,000
Duke Street Complete Streets	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
High Street Construction	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$500,000

Transportation Improvement Program (TIP)
FY 2015 – FY 2024 Sources & Uses (Continued)

Details of Capital Projects

Transportation Improvement Program (TIP) Projects Subsection/Project	TIP Funding To Date	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-FY24
Non-Motorized Transportation												
Holmes Run Greenway	*$3,550,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Parking Ratio Study	*$0*	$150,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$150,000
Bicycle Master Plan Update	*$500,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Capital Bikeshare Expansion	*$450,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Old Cameron Run Trail	*$0*	$0	$500,000	$905,000	$0	$0	$0	$0	$0	$0	$0	$1,405,000
Backlick Run Multi-Use Paths	*$0*	$0	$0	$0	$0	$1,090,000	$0	$0	$0	$0	$0	$1,090,000
Van Dorn Multimodal Bridge	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$500,000
Fixed Transportation Equipment												
Transportation Technologies	*$600,000*	$0	$250,000	$250,000	$0	$250,000	$0	$0	$250,000	$0	$250,000	$1,250,000
Total CIP Transportation Impr. Program	$29,520,000	$6,600,000	$2,000,000	$2,655,000	$2,550,000	$2,640,000	$650,000	$325,000	$1,150,000	$1,250,000	$500,000	$20,320,000

Northern Virginia Transportation Authority (NVTA) – 30% Funds
FY 2015 – 2024 Sources and Uses
Operating Expenditures and Capital Projects

Revenues	*FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-24
NVTA 30%	$11,900,000	$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	$72,795,427
Fund Balance Carryover	$0	$495,000	$375,000	$159,360	$9,370	$625,687	$816,613	$425,178	$292,059	$227,939	
Total Available Revenue	$11,900,000	$6,995,000	$6,940,000	$6,790,010	$6,706,327	$7,389,613	$7,648,178	$7,325,059	$7,260,939	$7,266,507	$72,795,427
Operating Details											
Route 1 Transitway Operations	$2,420,000	$2,420,000	$1,573,000	$1,573,000	$1,573,000	$1,573,000	$1,573,000	$1,573,000	$1,573,000	$1,573,000	$17,424,000
Transit Corridor "C" - Beauregard Operations	$0	$0	$0	$0	$600,000	$2,400,000	$2,400,000	$1,560,000	$1,560,000	$1,560,000	$10,080,000
Subtotal, Operating	*$2,420,000*	*$2,420,000*	*$1,573,000*	*$1,573,000*	*$2,173,000*	*$3,973,000*	*$3,973,000*	*$3,133,000*	*$3,133,000*	*$3,133,000*	*$27,504,000*
Capital Details											
Access to Transit	$60,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$60,000
Bus Shelters and Benches	$1,100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,100,000
WMATA Capital Contributions	$2,500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,500,000
DASH Bus Fleet Replacements	$4,550,000	$3,900,000	$5,200,000	$2,600,000	$3,900,000	$0	$3,250,000	$1,950,000	$3,900,000	$3,900,000	$33,150,000
Seminary Rd. at Beauregard Street Ellipse	$425,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$425,000
Route 1 @ E. Reed Intersection Improvements	$350,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$350,000
Cameron & Prince Bicycle Facilities	$0	$300,000	$0	$0	$0	$0	$0	$0	$0	$0	$300,000
King Street Metrorail Station Area (Relocate Transit Store)	$0	$0	$7,640	$7,640	$7,640	$0	$0	$0	$0	$0	$22,920
DASH Bus Fleet Expansion	$0	$0	$0	$2,600,000	$0	$2,600,000	$0	$1,950,000	$0	$0	$7,150,000
Subtotal, Capital Projects	*$8,985,000*	*$4,200,000*	*$5,207,640*	*$5,207,640*	*$3,907,640*	*$2,600,000*	*$3,250,000*	*$3,900,000*	*$3,900,000*	*$3,900,000*	*$45,057,920*
Total, Operating & Capital	$11,405,000	$6,620,000	$6,780,640	$6,780,640	$6,080,640	$6,573,000	$7,223,000	$7,033,000	$7,033,000	$7,033,000	$72,561,920

** FY 2015 includes appropriation of revenue received in both FY 2014 and FY 2015.*

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PUBLIC TRANSIT

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Public Transit
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Transportation												
Public Transit												
South Eisenhower Metrorail Station - South Entrance	*$4,552,085*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
King Street Metrorail Station Area Improvements	*$6,895,878*	$0	$0	$382,000	$382,000	$382,000	$0	$0	$0	$0	$0	$1,146,000
Potomac Yard Metrorail Station	*$2,475,000*	$5,025,000	$4,000,000	$270,000,000	$0	$0	$0	$0	$0	$0	$0	$279,025,000
WMATA Capital Contributions	*$0*	$5,380,000	$5,530,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$5,550,000	$55,310,000
Bus Shelters and Benches	*$0*	$1,550,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,550,000
DASH Bus Fleet Replacements (Since FY 2011)	*$0*	$4,550,000	$3,900,000	$5,200,000	$2,600,000	$3,900,000	$0	$3,900,000	$7,150,000	$9,100,000	$5,850,000	$46,150,000
DASH Bus Fleet Expansion	*$0*	$3,250,000	$0	$0	$3,900,000	$1,300,000	$2,600,000	$0	$2,600,000	$0	$0	$13,650,000
Hybrid Bus and Trolley Battery Pack Replacement	*$0*	$100,000	$200,000	$350,000	$400,000	$200,000	$0	$0	$0	$0	$0	$1,250,000
Van Dorn Metrorail Station Area Imprv.	*$0*	$0	$0	$500,000	$1,250,000	$0	$0	$0	$0	$0	$0	$1,750,000
Landmark Transit Station	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$600,000	$5,400,000	$6,000,000
Public Transit Total	*$13,922,963*	$19,855,000	$13,630,000	$281,982,000	$14,082,000	$11,332,000	$8,150,000	$9,450,000	$15,300,000	$15,250,000	$16,800,000	$405,831,000

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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 Metrorial 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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Total Expenditure Budget	4,742,875	*4,742,875*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	42,000	*42,000*	0	0	0	0	0	0	0	0	0	0	0
Urban Funds	2,300,000	*2,300,000*	0	0	0	0	0	0	0	0	0	0	0
SAFETEA-LU	2,050,875	*2,050,875*	0	0	0	0	0	0	0	0	0	0	0
Private Capital Contributions	350,000	*350,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	4,742,875	*4,742,875*	0	0	0	0	0	0	0	0	0	0	0
Add. 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.

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. In order to permit large mixed-use development in this area, new streets must be built, utilities relocated, and the existing Eisenhower Metrorail station entrance is proposed 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 still finalizing the Memorandum of Understanding (MOU), which must be signed before the project can move to the construction phase.

Based on preliminary cost estimates for the City's portion, this project is fully funded, primarily through grant funding totaling $4.35 million of the $4.74 million total project costs. Private (development) capital contributions will also contribute $350,000 to this project.

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 & City Manager's Performance Plan

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 2017 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
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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Total Expenditure Budget	9,141,878	*7,995,878*	0	0	382,000	382,000	382,000	0	0	0	0	0	1,146,000
Financing Plan													
Cash Capital - TIP	2,400,000	*2,400,000*	0	0	0	0	0	0	0	0	0	0	0
CMAQ/RSTP	5,050,000	*5,050,000*	0	0	0	0	0	0	0	0	0	0	0
Urban Funds	1,668,958	*545,878*	0	0	374,360	374,360	374,360	0	0	0	0	0	1,123,080
NVTA 30%	22,920	*0*	0	0	7,640	7,640	7,640	0	0	0	0	0	22,920
Total Financing Plan	9,141,878	*7,995,878*	0	0	382,000	382,000	382,000	0	0	0	0	0	1,146,000
Add. 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	388,549	458,105	529,748	603,540	603,540

Changes from Prior Year CIP: In last year's CIP, $1.0 million in TIP funding was identified to fund future phases of this project. During FY 2014, the City received notice that Urban Funds would be available for this project, which require a 2% match. The 2% match will come from NVTA 30% funding. Total future costs increase by $146,000 based on updated project cost estimates.

Project Description & Justification

The purpose of this project is to enhance the King Street Metrorail station area. The King Street Metrorail station is the largest transit hub in the City. The CIP calls for DASH fleet expansion in future years to meet increasing ridership demand. The renovation of the Metrorail station area is critical to accommodate the expansion of the DASH fleet. Initiatives to be completed in FY 2014 – FY 2015 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 60% 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, which should be completed in early mid-2014.

Total project funding of $9.0 million includes $5.6 million in grant funding and $3.6 million in Transportation Improvement Program (TIP) funding. Funding also includes the incorporation of a transit store at the King Street Metrorail facility in FY 2019 (funded through Urban Funds).

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 & City Manager's Performance Plan

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

- 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 2017; increased for inflation thereafter. FY 2016 costs are $70,000 and include one-time equipment costs. All additional operating costs are paid for through the TIP.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Total Expenditure Budget	285,864,325	*6,839,325*	5,025,000	4,000,000	270,000,000	0	0	0	0	0	0	0	279,025,000
Financing Plan													
General Obligation Bonds - PY	204,000,000	*0*	0	0	204,000,000	0	0	0	0	0	0	0	204,000,000
PY Special Tax District/Dev. Contributions	10,225,000	*4,700,000*	2,525,000	3,000,000	0	0	0	0	0	0	0	0	5,525,000
NVTA 70%	0	*0*	2,500,000	1,000,000	66,000,000	0	0	0	0	0	0	0	69,500,000
WMATA Credits	1,139,325	*1,139,325*	0	0	0	0	0	0	0	0	0	0	0
Urban Funds	1,000,000	*1,000,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	285,864,325	*6,839,325*	5,025,000	4,000,000	270,000,000	0	0	0	0	0	0	0	279,025,000
Add. Operating Impact													
Annual Impact			0	0	0	0	695,000	1,410,850	1,453,176	1,496,771	1,541,674	1,587,924	8,185,395
Cumulative Impact			0	0	0	0	695,000	2,105,850	3,559,026	5,055,797	6,597,471	8,185,395	8,185,395

Changes from Prior Year CIP: Current project cost increases from $277.1 million to $285.9 million due to inclusion of additional planning/design/feasibility study funding from NVTA 70% in FY 2015 ($2.5 million) and FY 2016 ($1.0 million) and an increase in costs due to inflation from moving construction funding from FY 2016 to FY 2017 based on an updated project timeline. Total borrowing from General Obligation Bonds reduced from $265.3 million to $204.0 million due to the inclusion of NVTA 70% funding to support the construction phase of the project.

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 will choose among a no-build and three build alternatives in FY 2015, with the Federal Transit Administration Record of Decision due in late 2015.

In addition to a no-build alternative, the EIS is studying three build alternatives: Alternative A has been estimated to cost $195.0 million; Alternative B has been estimated to cost $250.0 million; and Alternative D has been estimated to cost $462.0 million. The planning level cost estimate developed by WMATA for station construction (on the land reserved for a station or an alternate location north of the land reserved for the station) was estimated at $240.0 million (using the highest cost alternative in 2015 dollars). These station costs and financial projections will be updated in FY 2014 and FY 2015.

(Continued on next page)

City's Strategic Plan & City Manager's Performance Plan

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 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

Additional Operating Budget 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.

Potomac Yard Metrorail Station (Continued)

Project Description and Justification (Continued)

A financial plan was developed in 2010 and showed that a $240.0 million station in the area of Alternative B could be financed with the resources that the City would likely obtain from multiple sources including net new tax revenues from Potomac Yard, Special Services Tax Districts and from developer contributions. It was estimated in the 2010 study that through the year 2040 Potomac Yard could potentially generate for the City's General Fund as much as $661.8 million in new local tax revenues. These station costs and financial projections will be updated in FY 2014 and FY 2015.

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 (available for Alternative B and possibly Alternative D), plus additional incremental net new revenues generated by the project, will need to be "bridged" in the early years of the bond financing by capitalizing interest during construction . There could also be firm and sufficient upfront developer guarantees, so based on projections there would be no negative cash impact on the City's General Fund in any given year. 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 in the 2010 study were projected to be funded through developer contributions, net new tax revenues generated in Potomac Yard, and Potomac Yard Special Services Tax District levies. In lieu of 100% General Obligation Bond funding, a Federal Transportation Infrastructure Finance and Innovation Act (TIFIA) loan for up to 50% of eligible project costs is being explored, and capital grant funding from the Commonwealth of Virginia will be sought. Additionally, NVTA competitive 70% funds totaling $69.5 million will be sought to help finance the project.

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 adjusted.

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	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Total Expenditure Budget	*6,707,238*	*0*	5,380,000	5,530,000	5,550,000	5,550,000	5,550,000	5,550,000	5,550,000	5,550,000	5,550,000	5,550,000	55,310,000
Financing Plan													
Prior City Funding	*6,707,238*	*0*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	2,880,000	5,530,000	5,550,000	5,550,000	5,550,000	5,550,000	5,550,000	5,550,000	5,550,000	5,550,000	52,810,000
NVTA 30%	*0*	*0*	2,500,000	0	0	0	0	0	0	0	0	0	2,500,000
Total Financing Plan	*6,707,238*	*0*	5,380,000	5,530,000	5,550,000	5,550,000	5,550,000	5,550,000	5,550,000	5,550,000	5,550,000	5,550,000	55,310,000
Add. 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 NVTC funding is now available to help support WMATA capital contributions. NVTC funding is administered by NVTC, and is not formally appropriated for WMATA's expenditures on the City's books. As such, it does not show up in the chart above. However, it is assumed that NVTC funding will provide between $3.0 - $3.5 million annually to support the City's capital contributions to WAMTA. Of that funding, $2.0 million is new funding in FY 2015, which allowed the City to decrease the GO Bonds used to fund these expenditures by the same amount annually. NVTA 30% funding is also used in FY 2015 to account for the City's capital obligations to WMATA.

Project Description & Justification

WMATA and its participating governments signed a new FY 2011 - 2016 Capital Funding agreement in July, 2010 to govern WMATA's capital funding program. The overall level of funding from the member jurisdictions is projected to decline slightly in the next several years as new federal funding sources help pay for WMATA's capital needs. If WMATA has underspent the funds, the City may get some funds back as a credit. Federal/State Urban Funds can no longer be used to fund the City's share of the WMATA capital program as those funds contain federal funds that cannot be used to match WMATA's federal funds.

The Washington Metropolitan Area Transit Authority (WMATA) Board of Directors approved "Metro Matters" and "Beyond Metro Matters" Capital Improvement Programs (CIP), which identified $3.15 billion in urgent capital needs of the region's bus and rail transit system for FY 2005 – FY 2010. The City's share of this agreement was $63.3 million between FY 2005 and FY 2010.

As part of its annual funding commitment, the City utilizes NVTC funds to support its annual contribution to WMATA for capital infrastructure improvements. In FY 2015, is estimated $3.8 million of NVTC funding to support WMATA capital contributions, along with $2.88 million of City funding and $2.5 million in NVTA 30% funding. The NVTC funds are paid directly to WMATA by NVTC, and thus are not included in the table above.

In June 2009, the City issued bonds to pay off the remaining debt service owed on the Metro Matters agreement at a cost substantially less than originally planned in the WMATA financing plan, completing the Metro Matters program. The City was able to receive a better financing rate than WMATA due to the City's high bond rating. Moving into the future, the City will only be obligated to provide funds to WMATA for new capital expenditures, and will not be paying off prior year projects.

(Continued on next page)

City's Strategic Plan & City Manager's Performance Plan

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 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

- Metro Matters Interjurisdictional Capital Funding Agreement approved by City Council, September 2004

Additional Operating Budget Impact

Operating budget costs have been captured in the operating budget for many years, and are budgeted at $6.375 million for FY 2015.

WMATA Capital Contributions (Continued)

WMATA's draft FY 2015 Capital Improvement Program (CIP) included additional capital requests to fund the implementation of "Metro 2025", the WMATA's updated ten-year plan. This WMATA proposal would substantially increase jurisdictional payments towards this expanded WMATA CIP. Among Virginia jurisdictions, there have been initial discussions in reference to seeking funding for the first year of the "Metro 2025" plan at the minimum investment level ($2.0 million capital contribution from the City), which will fund implementation of infrastructure needed to transition the system to eight-car trains. WMATA and member jurisdictions will begin work on a new multi-year Capital Funding Agreement for FY 2016 when the current six-year WMATA Capital Funding Agreement expires.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Total Expenditure Budget	3,450,878	*1,900,878*	1,550,000	0	0	0	0	0	0	0	0	0	1,550,000
Financing Plan													
Prior City Funding	447,128	*447,128*	0	0	0	0	0	0	0	0	0	0	0
NVTA 70%	450,000	*0*	450,000	0	0	0	0	0	0	0	0	0	450,000
NVTA 30%	1,100,000	*0*	1,100,000	0	0	0	0	0	0	0	0	0	1,100,000
CMAQ/RSTP	550,000	*550,000*	0	0	0	0	0	0	0	0	0	0	0
SAFETEA-LU	863,750	*863,750*	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
Total Financing Plan	3,450,878	*1,900,878*	1,550,000	0	0	0	0	0	0	0	0	0	1,550,000
Add. Operating Impact													
Annual Impact			40,000	41,200	42,436	43,709	45,020	46,371	47,762	49,195	50,671	52,191	458,555
Cumulative Impact			40,000	81,200	123,636	167,345	212,365	258,736	306,498	355,693	406,364	458,555	458,555

Changes from Prior Year CIP: New NVTA 70% and 30% is now available and programmed in FY 2015 to complete funding for upgrading and installing new bus shelters City wide. As part of this project, ADA improvements will also be funded.

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 FY2014 - FY2016.

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 replace old benches with nails and wood splinters that can be a hazard.

City's Strategic Plan & City Manager's Performance Plan

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 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

An additional $40,000 from TIP funding is added to the $100,000 previously budgeted for bus shelter and bench maintenance to account for the installation of new facilities. All funding for bus shelter and bench maintenance ($140,000) is budgeted in the TIP.

DASH Bus Fleet Replacements (Since FY 2011)

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 11)													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Total Expenditure Budget	67,807,539	*21,657,539*	4,550,000	3,900,000	5,200,000	2,600,000	3,900,000	0	3,900,000	7,150,000	9,100,000	5,850,000	46,150,000
Financing Plan													
Prior City Funding	139,293	*139,293*	0	0	0	0	0	0	0	0	0	0	0
Prior Grant Funding	21,518,246	*21,518,246*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	13,000,000	*0*	0	0	0	0	0	0	650,000	5,200,000	5,200,000	1,950,000	13,000,000
NVTA 30%	0	*0*	4,550,000	3,900,000	5,200,000	2,600,000	3,900,000	0	3,250,000	1,950,000	3,900,000	3,900,000	33,150,000
Total Financing Plan	67,807,539	*21,657,539*	4,550,000	3,900,000	5,200,000	2,600,000	3,900,000	0	3,900,000	7,150,000	9,100,000	5,850,000	46,150,000
Add. 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 federal guidelines governing the use of CMAQ/RSTP funding no longer allow the purchase of DASH replacement buses. As such, CMAQ/RSTP funding has been removed from the DASH bus replacement project, and reprogrammed to other eligible projects. NVTA 30% funding will now be utilized to purchase replacement buses, with City General Obligation Bonds helping to support purchases in FY 2021 - 2024.

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 are need to be replaced due to aging vehicles in the fleet. The vehicles currently have a 12-year lifespan.

The City uses replacement funds for three different types of vehicles: new hybrid buses ($650,000), new clean diesel buses ($450,000), or refurbished DASH buses ($155,000). Based on the funding available and the needs of the fleet, staff may purchase a combination of these buses in order to meet replacement needs. The current City policy is to purchase hybrid buses. 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 & City Manager's Performance Plan

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 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 for many years, with $11.14 million budgeted in FY 2015.

DASH Bus Fleet Expansion

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: 3 – New Facilities
Estimated Useful Life: 12 years

DASH Bus Fleet Expansion													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Total Expenditure Budget	20,800,000	*7,150,000*	3,250,000	0	0	3,900,000	1,300,000	2,600,000	0	2,600,000	0	0	13,650,000
Financing Plan													
Cash Capital - TIP	10,400,000	*7,150,000*	0	0	0	1,300,000	1,300,000	0	0	650,000	0	0	3,250,000
NVTA 70%	3,250,000	*0*	3,250,000	0	0	0	0	0	0	0	0	0	3,250,000
NVTA 30%	7,150,000	*0*	0	0	0	2,600,000	0	2,600,000	0	1,950,000	0	0	7,150,000
Total Financing Plan	20,800,000	*7,150,000*	3,250,000	0	0	3,900,000	1,300,000	2,600,000	0	2,600,000	0	0	13,650,000
Add. Operating Impact													
Annual Impact			0	380,802	1,038,082	1,038,082	1,038,082	2,118,082	2,690,082	3,027,082	3,308,082	3,589,082	18,227,458
Cumulative Impact			0	380,802	1,418,884	2,456,966	3,495,048	5,613,130	8,303,212	11,330,294	14,638,376	18,227,458	18,227,458

Changes from Prior Year CIP: With new NVTA 70% and 30% funding, the contribution from the TIP was decreased from $10.4 million in last year's CIP to $3.25 million. NVTA 70% and 30% funding will provide $10.4 million, and allow the purchase of five additional expansion buses over last year's approved expansion plan.

Project Description & Justification

This project provides for the purchase of additional buses for the DASH fleet. In 2008, DASH and the City developed a Transit Performance and Service Expansion Plan. This plan, in addition to DASH's Annual Transportation Development Program, serves as the basis for planned expansion of the DASH Fleet. While several new routes and peak period improvements have been identified for implementation with these expansion vehicles, the 2008 Expansion Plan will be updated following the completion of the Comprehensive Operational Analysis, currently underway. The findings of that analysis will determine the specific uses for the expansion vehicles, which have a 12-year life span.

The City may use expansion funds for two different types of vehicles: new hybrid buses ($650,000) and new clean diesel buses ($450,000). Based on the funding available and the needs of the fleet, staff may purchase a combination of these buses in order to meet fleet expansion needs. The current City policy is to purchase hybrid buses. If clean diesel buses are purchased, they will still be consistent with the City Eco-City Action Plan of reducing vehicles emissions. The City will also explore the use of smaller vehicles for circulator routes, which may have lower costs than 35-40 foot vehicles.

Funding for DASH fleet expansion vehicles is included as part of the Transportation Improvement Program (TIP), and also utilizes NVTA 70% and NVTA 30% funding.

Benefits of this project include ensuring fleet expansion needs are met to provide a sustainable transit option for City residents, workers and visitors.

City's Strategic Plan & City Manager's Performance Plan

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 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

- 2008 Transit Performance and Service Expansion Plan (DASH and City)

Additional Operating Budget Impact

Additional operating costs are based on planned route expansions, with the AT1 and AT3, 4, and 5 headways planned for expansion in FY 2016 – 2017. Beyond FY 2019, costs are estimated as specific routes have not been identified. All additional operating costs are funded through the TIP, which currently supports $1.621 million in expansion costs through FY 2014.

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
Project Procurement Budget	*Allocated Balance (02/14)*	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Total Project Budget	*0*	*0*	100,000	200,000	350,000	400,000	200,000	0	0	0	0	0	1,250,000
Financing Plan													
Cash Capital	*0*	*0*	100,000	200,000	350,000	400,000	200,000	0	0	0	0	0	1,250,000
Total Financing Plan	*0*	*0*	100,000	200,000	350,000	400,000	200,000	0	0	0	0	0	1,250,000
Add. 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 has been adjusted to align with the battery replacement needs of buses and trolleys that have been purchased over the past several years. As additional hybrid buses are purchased, funding will be applied to FY 2020 and beyond in future CIPs.

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; replacements will be necessary beginning in FY 2015.

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 & City Manager's Performance Plan

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 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.

Van Dorn Metrorail Station Area Improvements

Document Subsection: Public Transit
Managing Department: Transportation & Environmental Services
Supporting Department(s):
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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Total Expenditure Budget	1,750,000	*0*	0	0	500,000	1,250,000	0	0	0	0	0	0	1,750,000
Financing Plan													
Cash Capital - TIP	1,750,000	*0*	0	0	500,000	1,250,000	0	0	0	0	0	0	1,750,000
Total Financing Plan	1,750,000	*0*	0	0	500,000	1,250,000	0	0	0	0	0	0	1,750,000
Add. 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 for FY 2017 - 2018. TIP funding will support this project, which became available after a number of TIP funded projects shifted funding sources to NVTA 70% and 30% funding.

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.

The kiss-and-ride area will be redesigned 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 is not provided until FY 2017, with planning and design scheduled for the first year and construction planned in FY 2018. The project is fully funded through the City's Transportation Improvement Program (TIP).

City's Strategic Plan & City Manager's Performance Plan

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

After the improvements are made, the property will remain under WMATA's jurisdiction. No annual operating impact anticipated.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Total Expenditure Budget	6,000,000	*0*	0	0	0	0	0	0	0	0	600,000	5,400,000	6,000,000
Financing Plan													
NVTA 70%	6,000,000	*0*	0	0	0	0	0	0	0	0	600,000	5,400,000	6,000,000
Total Financing Plan	6,000,000	*0*	0	0	0	0	0	0	0	0	600,000	5,400,000	6,000,000
Add. 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: Due to the regional nature of this project, NVTA 70% funding will be utilized instead of TIP funding. There is no change to the estimated project cost.

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.

A preliminary design concept has been developed. 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 & City Manager's Performance Plan

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

An additional impact to the operating budget is not anticipated in the 10-year Capital Improvement Program.

HIGH CAPACITY TRANSIT CORRIDORS

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High Capacity Transit Corridors
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
High Capacity Transit Corridors												
Route 1 Transitway	*$0*	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$600,000
Transit Corridor "A" - Crystal City/Potomac Yard Streetcars	*$680,000*	$0	$0	$0	$0	$0	$0	$3,000,000	$0	$0	$0	$3,000,000
Transit Corridor "C" - Beauregard	*$1,825,000*	$100,000	$5,000,000	$32,592,000	$33,534,000	$21,831,000	$500,000	$0	$0	$0	$0	$93,557,000
Transit Corridor "C" Transit Priority	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	*$0*	$250,000	$0	$0	$0	$0	$210,000	$0	$2,100,000	$2,000,000	$15,000,000	$19,560,000
High Capacity Transit Corridors Total	*$2,505,000*	$950,000	$5,000,000	$32,592,000	$33,534,000	$21,831,000	$710,000	$3,000,000	$2,100,000	$2,000,000	$15,000,000	$116,717,000

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Route 1 Transitway

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	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	20,898,696	*20,983,696*	600,000	0	0	0	0	0	0	0	0	0	600,000
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	0	*85,000*	0	0	0	0	0	0	0	0	0	0	0
NVTA 70%	0	*0*	600,000	0	0	0	0	0	0	0	0	0	600,000
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	*20,983,696*	600,000	0	0	0	0	0	0	0	0	0	600,000
Add. Operating Impact													
Annual Impact			2,420,000	2,420,000	1,573,000	1,573,000	1,573,000	1,573,000	1,573,000	1,573,000	1,573,000	1,573,000	17,424,000
Cumulative Impact			2,420,000	4,840,000	6,413,000	7,986,000	9,559,000	11,132,000	12,705,000	14,278,000	15,851,000	17,424,000	17,424,000

Changes from Prior Year CIP: During FY 2014, City Council appropriated an additional $85,000 in private capital contributions and $126,558 in bonus CMAQ/RSTP funding to the project. For FY 2015, $600,000 is added to the project from NVTA 70% funding for transit signal priority.

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 is being constructed along 0.8 miles of 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 will operate in the exclusive right-of-way along this segment. Other project elements include off-board fare collection, enhanced shelters, transit signal priority, and real-time information signage. This will be the first BRT type service in the Washington, D.C. region, and is expected to be operational by summer 2014.

Of the total $21.6 million project budget – which includes purchase of vehicles - $16.1million 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.

Once construction is completed, the transitway will provide 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 & City Manager's Performance Plan

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 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

All additional operating impacts will be funded through NVTA 30% funding. The current estimate for annual operating costs is $2.42 million. In FY 2015 - 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 to be shared with other WMATA Compact jurisdictions. This will reduce the cost of operations to $1.573 million. All cost estimates include median and transitway station maintenance.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	3,320,000	*1,000,000*	(680,000)	0	0	0	0	0	3,000,000	0	0	0	2,320,000
Financing Plan													
*Cash Capital - TIP	320,000	*1,000,000*	(680,000)	0	0	0	0	0	0	0	0	0	(680,000)
NVTA 70%	3,000,000	*0*	0	0	0	0	0	0	3,000,000	0	0	0	3,000,000
Total Financing Plan	3,320,000	*1,000,000*	(680,000)	0	0	0	0	0	3,000,000	0	0	0	2,320,000
Add. 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: The prior year balance of $680,000 will be reprogrammed to other transportation projects in FY 2015. Additional environmental study work is not anticipated until FY 2020 - 2021. Because of the regional nature of this project, prior year planned TIP funding in FY 2021 is replaced with NVTA 70% funding. Funding is for the study only. No construction funding is planned or identified at this time.

**Reduction in Cash Capital-TIP is show for display purposes only. The full $680,000 will be re-appropriated through the FY 2015 Capital Year Budget.*

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.

Once the conversion is complete, this project will support planned development in the Potomac Yard/Potomac Greens area. It will provide a fast, convenient, and comfortable connection to the regional Metrorail network and to key employment nodes.

City's Strategic Plan & City Manager's Performance Plan

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 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

Additional Operating Budget Impact

Unknown at this time as only planning/feasibility funding has been identified. Operating costs will not be known until the entire scope of work is identified.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
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
Add. 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 & City Manager's Performance Plan

Primary Strategic Plan Goal: Goal 3 – Transportation

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	96,457,000	*2,900,000*	100,000	5,000,000	32,592,000	33,534,000	21,831,000	500,000	0	0	0	0	93,557,000
Financing Plan													
Cash Capital - TIP	2,100,000	*2,100,000*	0	0	0	0	0	0	0	0	0	0	0
SAFETEA-LU	800,000	*800,000*	0	0	0	0	0	0	0	0	0	0	0
NVTA 70%	62,140,000	*0*	0	2,400,000	19,740,000	20,000,000	20,000,000	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
Urban Funds	3,117,000	*0*	0	0	752,000	1,034,000	1,331,000	0	0	0	0	0	3,117,000
CMAQ/RSTP	1,100,000	*0*	100,000	0	0	0	500,000	500,000	0	0	0	0	1,100,000
Total Financing Plan	96,457,000	*2,900,000*	100,000	5,000,000	32,592,000	33,534,000	21,831,000	500,000	0	0	0	0	93,557,000
Add. Operating Impact													
Annual Impact			0	0	0	0	600,000	2,400,000	2,400,000	1,560,000	1,560,000	1,560,000	10,080,000
Cumulative Impact			0	0	0	0	600,000	3,000,000	5,400,000	6,960,000	8,520,000	10,080,000	10,080,000

Changes from Prior Year CIP: Due to the new NVTA 70% funding and budgeting of planned development contributions, the amount and funding sources for this project have changes significantly. In last year's planned CIP, only TIP funding ($24.4 million) and CMAQ/RSTP funding ($100,000) were identified as funding sources. Due to the regional nature of this project, the City has programmed $62.1 million in NVTA 70% funds to support this project, and added $27.2 million in private development contributions expected to support this project. Additionally, $4.0 million in grant funding has been identified as a funding source. The end result is total project funding being increased from $27.4 million in last year's plan to $96.5 million.

Project Description & Justification

Consistent with the City's 2008 Transportation Master Plan, this project will construct a 4-mile segment of the high-capacity transitway in dedicated lanes between the Van Dorn Metrorail station and the border with Arlington to the north. This investment will support the development proposed in the Landmark/Van Dorn Small Area Plan and the Beauregard Corridor Small Area Plan. The project includes the widening of Van Dorn Street over Duke Street to accommodate pedestrians and provide multimodal facilities.

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 New/Small Starts (Federal) funding. If all funding were to be secured, construction is estimated to begin in the FY 2017 – 2018 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 proposed in 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 & City Manager's Performance Plan

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 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. In FY 2019 – 2021, 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 reduced the City's share of operating costs to an estimated $1.56 million annually. All cost estimates include median and transitway station maintenance.

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: Eisenhower Avenue
Project Category: 3 – New Facilities
Estimated Useful Life: 30 years

Transit Corridor "B" - Duke Street													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	19,560,000	*0*	250,000	0	0	0	0	210,000	0	2,100,000	2,000,000	15,000,000	19,560,000
Financing Plan													
NVTA 70%	19,560,000	*0*	250,000	0	0	0	0	210,000	0	2,100,000	2,000,000	15,000,000	19,560,000
Total Financing Plan	19,560,000	*0*	250,000	0	0	0	0	210,000	0	2,100,000	2,000,000	15,000,000	19,560,000
Add. 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: For the FY 2015 - 2024 CIP, this project now includes the Duke Street Complete Streets project which previously was a separate project. The total budget including the Complete Streets project in last year's CIP was $4.81 million, not starting until the later years of the CIP. It was funded exclusively through TIP and CMAQ/RSTP funding. Due to the regional nature of this project, NVTA 70% funding is now being used to support the project.

Project Description & Justification

This project provides initial planning, design and engineering funding for a 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 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% is 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 proposed 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 & City Manager's Performance Plan

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 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.

NON-MOTORIZED TRANSPORTATION

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Non-Motorized Transportation
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Non-Motorized Transportation												
Edsall and South Pickett Pedestrian Imprv.	*$0*	$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	$0
Pedestrian & Bicycle Master Plan Update	*$0*	$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	$0
BRAC Neighborhood Protection Plan	*$510,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Holmes Run Greenway	*$6,452,402*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Mt. Vernon Trail @ East Abingdon	*$500,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Access to Transit	*$1,548,000*	$60,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$60,000
Capital Bikeshare	*$600,000*	$484,000	$0	$500,000	$750,000	$300,000	$320,000	$0	$0	$0	$0	$2,354,000
Complete Streets	*$433,088*	$1,000,000	$900,000	$900,000	$900,000	$1,240,000	$900,000	$900,000	$900,000	$900,000	$900,000	$9,440,000
Shared-Use Paths	*$118,000*	$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	*$439,469*	$500,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$3,200,000
Parking Study	*$0*	$150,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$150,000
Bicycle Parking at Major Transit Stops	*$0*	$0	$50,000	$500,000	$0	$100,000	$100,000	$0	$0	$0	$0	$750,000
Old Cameron Run Trail	*$0*	$0	$500,000	$3,000,000	$0	$0	$0	$0	$0	$0	$0	$3,500,000
Cameron & Prince Bicycle Facilities	*$0*	$0	$300,000	$0	$0	$0	$0	$0	$0	$0	$0	$300,000
Braddock Rd. Metro Multimodal Connections	*$0*	$0	$0	$0	$500,000	$0	$0	$0	$0	$0	$0	$500,000
Backlick Run Multi-Use Paths	*$0*	$0	$0	$0	$200,000	$3,000,000	$0	$0	$0	$0	$0	$3,200,000
Van Dorn/Beauregard Bicycle Facilities	*$0*	$0	$0	$0	$0	$250,000	$1,270,000	$0	$0	$0	$0	$1,520,000
Non-Motorized Transportation Total	*$10,600,959*	$2,494,000	$2,350,000	$5,500,000	$2,950,000	$5,490,000	$3,190,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$27,974,000

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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: West End area of Alexandria
Reporting Area: Landmark/Van Dorn
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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	2,048,000	*1,988,000*	60,000	0	0	0	0	0	0	0	0	0	60,000
Financing Plan													
Prior City Funding	248,000	*248,000*	0	0	0	0	0	0	0	0	0	0	0
NVTA 30%	0	*0*	60,000	0	0	0	0	0	0	0	0	0	60,000
SAFETEA-LU	990,000	*990,000*	0	0	0	0	0	0	0	0	0	0	0
CMAQ/RSTP	750,000	*750,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	2,048,000	*1,988,000*	60,000	0	0	0	0	0	0	0	0	0	60,000
Add. 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: An additional $60,000 of NVTA 30% funding will provide for pedestrian improvements to Duke Street near the western city limits from Landmark Plaza to the Landmark Mall transit station.

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, Eisenhower Avenue and King Street at Russell Road. A survey is completed, and the project is currently at 60 percent design. Construction is not expected to begin until FY 2015.

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. This project is under design, and construction is not expected to begin until FY 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.

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 & City Manager's Performance Plan

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 approved by City Council, June 2008

Additional Operating Budget Impact

Routine maintenance of new sidewalks will be required, and is estimated at $10,000 annually beginning FY 2016. 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 Street Pedestrian Improvements													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	120,000	*120,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
CMAQ/RSTP	120,000	*120,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	120,000	*120,000*	0	0	0	0	0	0	0	0	0	0	0
Add. 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 will provide pedestrian connectivity and safety improvements to the intersection of Edsall Road and South Pickett Street.

The proposed improvements will include new crosswalks, median island improvements, potential elimination of right-hand slip lane/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 currently 90% complete, with final design documents for construction anticipated to be completed by summer 2014. This project is fully funded with CMAQ/RSTP funds and requires no City match.

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 & City Manager's Performance Plan

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 approved by City Council, 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: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implementation
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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	180,000	*180,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
CMAQ/RSTP	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
Add. 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 involves bicycle improvements to Wilkes Street which provides an on-road east-west bikeway connection between major shared-use paths in the City.

The proposed scope of this project includes signalization improvements, bicycle intersection safety features, wayfinding signage, curb ramp improvements, and crosswalk markings.

This project began in 2012 and design is currently 90% complete, with final design documents for construction anticipated to be completed by summer 2014. 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, and providing local and regional connectivity while providing a safer mode of transportation for bicyclists, and safe access to transit and other facilities.

City's Strategic Plan & City Manager's Performance Plan

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 approved by City Council, 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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
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
Urban Funds	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
Add. 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.

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 proposed 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. Staff continues to conduct traffic counts on streets in the BRAC neighborhood prior to the installation of the BRAC facility. These counts established the baseline traffic volumes on the neighborhood streets and 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.

Background data was collected prior to the opening of BRAC. Follow-up traffic counts will be conducted, determining the needs and specific improvements. Improvements to reduce cut-through traffic on residential streets may provide improved safety to all residents.

City's Strategic Plan & City Manager's Performance Plan

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 approved by City Council, 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 School													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	275,000	*275,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Federal Safe Routes to School	275,000	*275,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	275,000	*275,000*	0	0	0	0	0	0	0	0	0	0	0
Add. Operating Impact													
Annual Impact				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.

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 & City Manager's Performance Plan

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 approved by City Council, June 2008

Additional Operating Budget Impact

Beginning FY 2016, $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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	4,032,602	*6,582,602*	(2,550,000)	0	0	0	0	0	0	0	0	0	(2,550,000)
Financing Plan													
*Cash Capital - TIP	1,000,000	*3,550,000*	(2,550,000)	0	0	0	0	0	0	0	0	0	(2,550,000)
Urban Funds	1,715,000	*1,715,000*	0	0	0	0	0	0	0	0	0	0	0
CMAQ/RSTP	1,317,602	*1,317,602*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	4,032,602	*6,582,602*	(2,550,000)	0	0	0	0	0	0	0	0	0	(2,550,000)
Add. Operating Impact													
Annual Impact			See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes
Cumulative Impact			See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes

Changes from Prior Year CIP: Due to a change in the scope of work involving the portion of the project under I-395, estimated project costs have been reduced from $6.582 million to $4.032 million. TIP funding in the amount of $2.55 million will be reprogrammed as part of the FY 2015 - 2024 CIP for other transportation related projects.

**Reduction in Cash Capital-TIP is show for display purposes only. The full $2,550,000 will be re-appropriated through the FY 2015 Capital Year Budget.*

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 $4.0 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. Request for proposals for engineering design is anticipated in spring 2014.

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 & City Manager's Performance Plan

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 approved by City Council, 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. Please see page 11-9 for reference.

Mount Vernon Trail at East Abingdon Road

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): Dept. of Project Implemenation
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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	750,000	*750,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
CMAQ/RSTP	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
SAFETEA-LU	250,000	*250,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	750,000	*750,000*	0	0	0	0	0	0	0	0	0	0	0
Add. 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 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 2015.

The total project cost is estimated at $750,000, and is fully funded by CMAQ/RSTP and SAFETEA-LU funding that is administered through the Northern Virginia Regional Commission (NVRC).

The Mt. Vernon Trail is necessary in supporting a multi-modal environment, and providing local and regional connectivity. The safety improvements at the Mt. Vernon Trail are an important need that improves safety for pedestrians, bicyclists, and safe access to transit and other facilities.

City's Strategic Plan & City Manager's Performance Plan

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 approved by City Council, June 2008

Additional Operating Budget Impact

Required annual maintenance will be included as part of the Complete Streets 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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	3,789,341	*1,885,341*	34,000	0	500,000	750,000	300,000	320,000	0	0	0	0	1,904,000
Financing Plan													
Cash Capital - TIP	0	*394,622*	(394,622)	0	0	0	0	0	0	0	0	0	(394,622)
CMAQ/RSTP	3,739,341	*1,385,341*	484,000	0	500,000	750,000	300,000	320,000	0	0	0	0	2,354,000
Private Capital Contributions	50,000	*50,000*	0	0	0	0	0	0	0	0	0	0	0
Reprogrammed TIP Balances	0	*55,378*	(55,378)	0	0	0	0	0	0	0	0	0	(55,378)
Total Financing Plan	3,789,341	*1,885,341*	34,000	0	500,000	750,000	300,000	320,000	0	0	0	0	1,904,000
Add. Operating Impact													
Annual Impact			31,000	111,000	232,500	381,000	439,500	478,500	478,500	478,500	478,500	478,500	3,587,500
Cumulative Impact			31,000	142,000	374,500	755,500	1,195,000	1,673,500	2,152,000	2,630,500	3,109,000	3,587,500	3,587,500

Changes from Prior Year CIP: In a November 12, 2013 update to City Council, City staff indicated that all capital costs for Bikeshare stations would be funded through grant funding and development contribution. As such, $450,000 in TIP proceeds planned for the purchase of Bikeshare stations are reprogrammed for other transportation projects in FY 2015; planned TIP funding of $825,000 in FY 2015 - 2023 has been removed from the plan with CMAQ/RSTP funding and private capital contributions being utilized for the purchase of the Bikeshare stations.

**Reduction in Cash Capital-TIP is show for display purposes only. The full $450,000 will be re-appropriated through the FY 2015 Capital Year Budget.*

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 will expand to over the next several years through CMAQ/RSTP funding and private (development) capital contributions. Eight expansion stations have been ordered for Del Ray and Carlyle to add to the existing eight stations in Old Town. 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 & City Manager's Performance Plan

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 approved by City Council, June 2008

Additional Operating Budget Impact

The operating impact noted above is the additional impact over the FY 2014 base budget of $208,000 beginning FY 2015. The total impact in FY 2015 will be $239,000. All operating impacts from FY 2015 – 2014 will funded through the TIP.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital - TIP	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
Add. 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 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. Specific aspects of the plan will include a detailed network of on-street bicycle facilities, Capital Bikeshare plans for Alexandria, Complete Streets design guidelines, prioritized areas for bicycle parking installation, and guidance on bicycle wayfinding.

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 begin in spring 2014.

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 & City Manager's Performance Plan

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 approved by City Council, 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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget			1,000,000	900,000	900,000	900,000	1,240,000	900,000	900,000	900,000	900,000	900,000	9,440,000
Financing Plan													
Prior City Funding	951,266	*433,088*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	*0*	334,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000	2,359,000
General Obligation Bonds	0	*0*	346,000	675,000	675,000	675,000	675,000	675,000	675,000	675,000	675,000	675,000	6,421,000
New Freedom Grant	0	*0*	320,000	0	0	0	0	0	0	0	0	0	320,000
CMAQ/RSTP	0	*0*	0	0	0	0	340,000	0	0	0	0	0	340,000
Total Financing Plan	951,266	*433,088*	1,000,000	900,000	900,000	900,000	1,240,000	900,000	900,000	900,000	900,000	900,000	9,440,000
Add. 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: For FY 2015 only, a reduction of $240,000 in City funds as compared to last year's Approved CIP was made based on available project balances through 02/2014. Offsetting this reduction is the appropriation of a $320,000 New Freedom Grant, which will be utilized for a number of Complete Streets initiatives. CMAQ/RSTP funding was added in FY 2019 to support additional Complete Streets initiatives. City funding in the amount of $900,000 in FY 2024 was added. As part of this project, ADA improvements will also be funded.

Project Description & Justification

This project funds capital infrastructure improvements to the non-motorized transportation network, including sidewalks, curbs, gutters, 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, funding from the Non-Motorized (Safety) project has been combined with Complete Streets. Safety projects fund capital infrastructure improvements of existing Neighborhood Safety Transportation Enhancement Program (iN-STEP) facilities and the implementation of new iN-STEP facilities. iN-STEP projects are physical safety measures within the right-of-way to preserve neighborhoods and enhance safety. 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.

This project addresses missing multimodal infrastructure and requires engineering and design, in additional to construction funding for many of the initiatives to be completed. The City continues to identify grant opportunities leverage with these funds to allow for the completion of more Complete Streets initiatives.

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.

City's Strategic Plan & City Manager's Performance Plan

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 approved by City Council, 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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*42,758*	*118,000*	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													
Prior City Funding	*42,758*	*118,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Prior Year CIP/Close-Out	*0*	*0*	300,000	0	0	0	0	0	0	0	0	0	300,000
Total Financing Plan	*42,758*	*118,000*	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Add. 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 amount increased from $118,000 to $300,000. This will increase the resurfacing of City owned paved trails from an estimate 5,200 linear feet in FY 2014 to an estimated 13,000 linear feet in FY 2015 (subject to change based on asphalt and fuel index changes).

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 shared-use paths as required.

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 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 & City Manager's Performance Plan

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 approved by City Council, June 2008

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Shared-Use Paths (Continued)

Shared-Use Paths Category 1 Project List

Fiscal Year 2015		
Description		Amount
Holmes Run Trail, Tarleton Park to N. Beauregard Street	$	225,000
Mount Vernon Trail, Canal Center Plaza to Pendleton Street	$	50,000
Access improvements on Metro Linear Park Trail	$	25,000
Total Fiscal Year 2015	$	300,000
Fiscal Year 2016		
Description		Amount
Duke Street side paths	$	100,000
Holmes Run Trail, N. Beauregard Street to Dora Kelly Park	$	100,000
Mount Jefferson Greenway	$	100,000
Total Fiscal Year 2016	$	300,000
Fiscal Year 2017		
Description		Amount
Trail resurfacing as identified in the Pedestrian and Bicycle Master Plan Update	$	300,000
Total Fiscal Year 2017	$	300,000

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	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*24,758*	*439,469*	500,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,200,000
Financing Plan													
Prior City Funding	*24,758*	*439,469*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Prior Year CIP/Close-Out	*0*	*0*	500,000	0	0	0	0	0	0	0	0	0	500,000
Total Financing Plan	*24,758*	*439,469*	500,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,200,000
Add. 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: City funding in the amount of $300,000 is added to FY 2016 - 2024. Annual funding of $300,000 will allow replacement of approximately 3,200 square yards of sidewalk (depending on if the sidewalk is concrete or brick - which has a replacement cost of approximately 30% higher than concrete). FY 2015 funding of $500,000 will provide for approximately 5,000 square yards of replacement. Prior to FY 2014, there was no funding in the CIP for the sidewalk capital maintenance.

Project Description & Justification

This project supports supplemental sidewalk maintenance City-wide 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 & City Manager's Performance Plan

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 approved by City Council, June 2008

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Shared-Use Paths (Continued)

Sidewalk Capital Maintenance Category 1 Project List

	Section
Proposed FY15 Capital Sidewalk Maintenance Schedule	E. Howell from Mt Vernon to Jefferson Davis Hwy
	Duncan Ave from Mt Vernon Ave to Bellefonte
	N Gordon St from Duke St to the dead end
	Wheeler Ave from Duke St to the dead end
	W Bellefonte Ave from Russell Rd to Jefferson Davis Hwy
	Princess St from N Columbus St to Cameron St via Buchanan St
	N. Pitt St. from Bashford Ln to Pendleton St.
	Beauregard from Mark Center Dr to Lincolnia Rd
	Ridge Rd from Crestwood Dr to Braddock Rd
	Janneys Lane from Cloverway to King St
	Taney Ave from Van Dorn St to the dead end
	Royal St from Gibbon St to Jones Point Dr
	Monroe Ave from Stonewall Rd to Leslie Ave

	Section
Proposed FY16 Capital Sidewalk Maintenance Schedule	Duke St. from N. Quaker Ln. to S. Jordan St.
	Prince St. from Dangerfield Rd. to S. Columbus St.
	S. Van Dorn St. from S. Pickett St. to Edsall Rd.
	N. Van Dorn St. from Seminary Rd. to Menokin Dr.
	Eisenhower Ave. from Bluestone Rd. to Mill Rd.
	E. Taylor Run Pkwy from Duke St. to Dead End
	S./ N. Jordan St Entire Length
	Cambridge Rd. from Duke St. to Janney's Ln
	E. Oxford Ave Entire Length
	E./ W. Myrtle St. Entire Length
	Dawes Ave. from King St. to Seminary Rd.
	Hume Ave. Entire Length
	Raymond Ave. Entire Length
	Fordham Rd. Entire Length
	Farm Rd./ Wellington Rd. from Chalfonte Dr. to Circle Terrace

	Section
Proposed FY17 Capital Sidewalk Maintenance Schedule	E Windsor Ave from Russell Rd to Jefferson Davis Hwy
	Russell Rd. from Mt. Vernon Ave. to Masonic View Ave.
	Cameron St. from Union St. to Buchannan St.
	Mt. Vernon Ave. from Braddock Rd. to Hume Ave.
	E. Braddock from Russell Rd. to N. West St.
	N./ S. Columbus from Green St. to Oronoco St.
	Pickett St. from Van Dorn St. to Valley Forge
	Kennedy St./ Landover Rd. Entire Length
	N. Pickett from Polk Ave. to Dead End
	N./ S. Henry St. from Slater's Ln. to Franklin St.
	Pendleton St. Entire Length
	E. Glebe Rd. from Jefferson Davis Hwy to Russell Rd

Bicycle Parking at Major Transit Stops

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 Major Transit Stops													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	750,000	*0*	0	50,000	500,000	0	100,000	100,000	0	0	0	0	750,000
Financing Plan													
CMAQ/RSTP	750,000	*0*	0	50,000	500,000	0	100,000	100,000	0	0	0	0	750,000
Total Financing Plan	750,000	*0*	0	50,000	500,000	0	100,000	100,000	0	0	0	0	750,000
Add. 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 availability of CMAQ/RSTP funding, the total capital investment in this project increases from $350,000 in last year's Approved CIP to $750,000. Project is funded entirely with CMAQ/RSTP funding, and will likely support initiatives that will be identified in the Bicycle and Pedestrian Master Plan update.

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 have been identified in the Pedestrian and Bicycle Mobility Plan.

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 & City Manager's Performance Plan

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 approved by City Council, 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.

Braddock Road Metro Multimodal Connections

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: Braddock Road Metro
Reporting Area: Braddock Road Metro
Project Category: 3 – New Facilities
Estimated Useful Life: 25 years

Braddock Road Metro Multimodal Connections													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	500,000	*0*	0	0	0	500,000	0	0	0	0	0	0	500,000
Financing Plan													
CMAQ/RSTP	500,000	*0*	0	0	0	500,000	0	0	0	0	0	0	500,000
Total Financing Plan	500,000	*0*	0	0	0	500,000	0	0	0	0	0	0	500,000
Add. 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 funding has been shifted from FY 2015 to FY 2018 based on T&ES project prioritization. Funding is to begin studying the feasibility of the project only. No construction funding is provided or identified at this point in time.

Project Description & Justification

This project provides initial funding through CMAQ/RSTP funds to begin studying the feasibility of building a tunnel connection under the freight rail tracks from the Braddock Road station itself as recommended in the Braddock Metro Neighborhood Plan. Completion of the tunnel would provide a new station entry from the west, minimizing the distance pedestrians must walk to access the station from the west. Currently, pedestrians must walk south to the Braddock Road underpass to reach the station. In addition, the plan recommends studying a potential future pedestrian-bike connection and a potential walking route connection to the northern gateway.

This project is to perform preliminary engineering to improve multimodal access and improve mobility options to the station by identifying alternatives and performing preliminary concept design for the preferred alternative. Future project obstacles may include WMATA coordination and securing rights-of-ways. Preliminary study and engineering funding is planned with CMAQ/RSTP funding. Construction funding has not yet been identified.

This project will improve pedestrian access to the Braddock Road Metrorail Station. Improved access to transit is necessary in supporting a multimodal environment, and providing local and regional connectivity.

City's Strategic Plan & City Manager's Performance Plan

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

External or Internal Adopted Plan or Recommendation

- Transportation Master Plan approved by City Council, April 2008
- City Pedestrian and Bicycle Mobility Plan approved by City Council, June 2008
- Braddock Metro Neighborhood Plan approved by City Council, March 2008

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated. Funding is provided for study/feasibility work only.

Old Cameron Run Trail

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	210,000	*210,000*	0										0
Financing Plan													
Cash Capital - TIP	1,405,000	*0*	0	500,000	905,000	0	0	0	0	0	0	0	1,405,000
CMAQ/RSTP	2,305,000	*210,000*	0	0	2,095,000	0	0	0	0	0	0	0	2,095,000
Total Financing Plan	3,710,000	*210,000*	0	500,000	3,000,000	0	0	0	0	0	0	0	3,500,000
Add. Operating Impact													
Annual Impact			See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes
Cumulative Impact			See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes

Changes from Prior Year CIP: There is no change in total project cost. In FY 2017, $2.095 million in CMAQ/RSTP funding is planned instead of using TIP funding. New federal guidelines governing the use of CMAQ/RSTP funding no longer allow the purchase of DASH replacement buses. As such, CMAQ/RSTP funding has been removed from the DASH bus replacement project, and reprogrammed to other eligible projects. The project has also been shifted from FY 2015 - 2016 in last year's plan to FY 2016 - 2017 based on departmental project prioritization.

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 proposed "Green Crescent" trail system and ultimately providing a key link in the bicycle and pedestrian multimodal transportation system.

Funding for an initial project study has been secured through CMAQ/RSTP funding. A study to determine the preferred trail alignment will be completed in FY 2015. Planning, design, engineering and construction funding is planned for FY 2016 – 2017. Right-of-way and coordination with adjacent development will be required before construction can begin. This project is funded through the Transportation Improvement Program (TIP) and CMAQ/RSTP funding.

Completion of this trail is necessary to support a multi-modal environment, and providing 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 & City Manager's Performance Plan

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 approved by City Council, 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. Please see page 11-9 for reference.

Backlick Run Multi-Use Paths

Document Subsection: Non-Motorized Transportation
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	3,200,000	*0*	0	0	0	200,000	3,000,000	0	0	0	0	0	3,200,000
Financing Plan													
Cash Capital - TIP	1,090,000	*0*	0	0	0	0	1,090,000	0	0	0	0	0	1,090,000
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	3,200,000	*0*	0	0	0	200,000	3,000,000	0	0	0	0	0	3,200,000
Add. 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: There is no change in total project cost. In FY 2017, $1.91 million in CMAQ/RSTP funding is planned instead of using TIP funding. New federal guidelines governing the use of CMAQ/RSTP funding no longer allow the purchase of DASH replacement buses. As such, CMAQ/RSTP funding has been removed from the DASH bus replacement project, and reprogrammed to other eligible projects. The project has also been shifted from FY 2017 - 2018 in last year's plan to FY 2018 - 2019 based on departmental project prioritization.

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.

Planning, design, engineering and construction are planned for FY 2018 – 2019. The project is funded through the Transportation Improvement Program (TIP) and CMAQ/RSTP funding.

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 & City Manager's Performance Plan

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 approved by City Council, 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. Please see page 11-9 for reference.

Cameron & Prince Bicycle 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 and Prince Bicycle Facilities													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*0*	*0*	0	300,000	0	0	0	0	0	0	0	0	300,000
Financing Plan													
NVTA 30%	*0*	*0*	0	300,000	0	0	0	0	0	0	0	0	300,000
Total Financing Plan	*0*	*0*	0	300,000	0	0	0	0	0	0	0	0	300,000
Add. 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, and will likely support initiatives that will be identified in the Bicycle and Pedestrian Master Plan update.

Project Description & Justification

This project improves the non-motorized transportation network with the installation of bicycle facilities from the King Street Metro Station to the Waterfront along Cameron and Prince Streets. Bicycle 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 will also be implemented through this project.

These improvements will help bicyclists using Capital Bikeshare to safely travel between the major activity areas of the King Street Metro and the Waterfront.

Funding is planned in FY 2016 through NVTA 30% funds. Alternatives are currently within the evaluation and public outreach phase. Concept plans are anticipated to be selected in summer 2014.

This project helps to promote bicycling and transit use, thereby helping to reduce carbon emissions and improving health.

City's Strategic Plan & City Manager's Performance Plan

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 approved by City Council, 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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	150,000	*0*	150,000	0	0	0	0	0	0	0	0	0	150,000
Financing Plan													
Cash Capital - TIP	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
Add. 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 2015.

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 per 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.

City's Strategic Plan & City Manager's Performance Plan

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: West End
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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,520,000	*0*	0	0	0	0	250,000	1,270,000	0	0	0	0	1,520,000
Financing Plan													
CMAQ/RSTP	1,520,000	*0*	0	0	0	0	250,000	1,270,000	0	0	0	0	1,520,000
Total Financing Plan	1,520,000	*0*	0	0	0	0	250,000	1,270,000	0	0	0	0	1,520,000
Add. 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 2019 - 2020 (CMAQ/RSTP funding) and will likely support initiatives that will be identified in the Bicycle and Pedestrian Master Plan update.

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 connect 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 $250,000 in design in FY 2019 and $1,250,000 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 & City Manager's Performance Plan

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 approved by City Council, 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.

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STREETS AND BRIDGES

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Streets & Bridges
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Streets & Bridges												
Street Reconstruction & Resurfacing of Major Roads	*$770,679*	$4,493,000	$3,975,000	$5,200,000	$4,200,000	$4,750,000	$5,125,000	$4,350,000	$4,725,000	$4,725,000	$4,725,000	$46,268,000
Bridge Repairs	*$1,100,000*	$875,000	$300,000	$700,000	$300,000	$700,000	$300,000	$700,000	$300,000	$700,000	$300,000	$5,175,000
King/Quaker Lane/Braddock Rd. Intersection	*$5,848,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Eisenhower Avenue Roadway Improvements	*$4,428,816*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
King & Beauregard Intersection Improvements	*$0*	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000
Madison & Montgomery Reconstruction	*$0*	$1,100,000	$0	$6,325,000	$0	$0	$0	$0	$0	$0	$0	$7,425,000
Seminary Road at Beauregard Street Ellipse	*$0*	$1,175,000	$0	$0	$3,500,000	$16,200,000	$16,700,000	$0	$0	$0	$0	$37,575,000
Route 1 @ E. Reed Intersection Improvements	*$0*	$350,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$350,000
Mt. Vernon Ave/Russell Road Intersection	*$0*	$250,000	$1,250,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,500,000
High Street Construction	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$500,000
Van Dorn Metro Multimodal Bridge	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$500,000	$0	$500,000
Streets & Bridges Total	*$12,147,495*	$9,743,000	$5,525,000	$12,225,000	$8,000,000	$21,650,000	$22,125,000	$5,050,000	$5,025,000	$6,425,000	$5,025,000	$100,793,000

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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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*662,910*	*770,679*	4,493,000	3,975,000	5,200,000	4,200,000	4,750,000	5,125,000	4,350,000	4,725,000	4,725,000	4,725,000	46,268,000
Financing Plan													
Prior Year City Funding	*662,910*	*1,165,703*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	425,000	1,400,000	1,625,000	1,700,000	2,250,000	775,000	325,000	1,475,000	1,475,000	1,475,000	12,925,000
General Obligation Bonds	*0*	*0*	0	1,575,000	1,575,000	1,500,000	1,500,000	2,700,000	2,700,000	2,000,000	2,000,000	2,000,000	17,550,000
Cash Capital - TIP	*0*	*0*	1,400,000	0	1,000,000	0	0	650,000	325,000	250,000	250,000	250,000	4,125,000
Cash Capital - TIP/Prior Years	*0*	*0*	2,550,000	0	0	0	0	0	0	0	0	0	2,550,000
State Revenue Sharing	*0*	*0*	118,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	9,118,000
Total Financing Plan	*662,910*	*1,165,703*	4,493,000	3,975,000	5,200,000	4,200,000	4,750,000	5,125,000	4,350,000	4,725,000	4,725,000	4,725,000	46,268,000
Add. 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: In FY 2015, Street & Alley Reconstructions & Extensiosn funding (including prior year balances) is merged with this project. Signifcant changes in funding sources for FY 2015 - 2024. State Revenue Sharing was decreased from to $1.0 million annually. Last year's plan assume a total of $23.375 million in State Revenue Sharing. This year's plan assumes $9.1 million. This is based on more accurate expectations in competing and being awarded these grant funds. While the State Revenue Sharing funding is decreased, total City supported funding in the project increases from $25.9 million in last year's plan to $37.2 million (including funding previously budgeted in the Street & Alley Reconstructions & Extensions project. TIP funding is utilized in FY 2015 to support this project.

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 information gathered was used to rank and prioritize the resurfacing of City streets and produce a multi-year resurfacing plan. A list of proposed resurfacing projects planned for FY 2015 - 2017 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.

For FY 2015, staff has consolidated the City's entire pavement management program (alley reconstruction/resurfacing and street resurfacing/reconstruction) 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 & City Manager's Performance Plan

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 and attractive urban environment that reflects our history and provide 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

An additional impact to the operating budget is not anticipated.

Spring FY 2014 and FY 2015 - 2017 Proposed Paving Schedule

This list is tentative and may change due to utility and/or development conflicts, contract cost variance or other unforeseen conditions.

	Section	Estimated Cost
Spring FY 2014 Paving Schedule	N. Ripley St. from Taney Ave. to Holmes Run Pkwy.	$54,000
	N Paxton St from Richenbacher Ave to Taney Ave	$50,000
	S. Quaker Lane from Duke St. to Business Center Dr.	$55,000
	N. Quaker Lane from Bishop Lane to Braddock Rd	$320,000
	Commonwealth Ave. fom W. Spring St. to W. Monroe Ave.	$130,000
		$609,000

	Section	Estimated Cost
Proposed FY 2015 Paving Schedule	E. Howell from Mt Vernon to Jefferson Davis Hwy	$84,000
	Duncan Ave from Mt Vernon Ave to Bellefonte	$111,000
	N Gordon St from Duke St to the dead end	$80,000
	Wheeler Ave from Duke St to the dead end	$500,000
	W Bellefonte Ave from Russell Rd to Jefferson Davis Hwy	$150,000
	Eisenhower Ave from S. Van Dorn to Clermont Ave	$550,000
	Princess St from N Columbus St to Cameron St via Buchanan St	$180,000
	N. Pitt St. from Bashford Ln to Pendleton St.	$140,000
	Beauregard from Mark Center Dr to Lincolnia Rd	$700,000
	Ridge Rd from Crestwood Dr to Braddock Rd	$90,000
	Janneys Lane from Cloverway to King St	$150,000
	Taney Ave from Van Dorn St to the dead end	$410,000
	Yoakum Parkway from Edsall Rd to Stevenson Ave	$180,000
	N Hampton Dr from Ford Ave to King St	$150,000
	King St from Radford St. to Janney's Lane	$460,000
	Royal St from Gibbon St to Jones Point Dr	$175,000
	Monroe Ave from Stonewall Rd to Leslie Ave	$250,000
		$4,360,000

Spring FY 2014 and FY 2015 - 2017 Proposed Paving Schedule

This list is tentative and may change due to utility and/or development conflicts, contract cost variance or other unforeseen conditions.

	Section	Estimated Cost
Proposed FY 2016 Paving Schedule	Duke St. from N. Quaker Ln. to S. Jordan St.	$520,000
	Prince St. from Dangerfield Rd. to S. Columbus St.	$208,000
	S. Van Dorn St. from S. Pickett St. to Edsall Rd.	$170,000
	N. Van Dorn St. from Seminary Rd. to Menokin Dr.	$250,000
	Eisenhower Ave. from Bluestone Rd. to Mill Rd.	$480,000
	E. Taylor Run Pkwy from Duke St. to Dead End	$170,000
	S./ N. Jordan St Entire Length	$450,000
	Cambridge Rd. from Duke St. to Janney's Ln	$140,000
	Braxton Pl. Entire Length	$50,000
	Hilltop Terrace Entire Length	$50,000
	Putnam Pl. Entire Length	$60,000
	Westview Terrace Entire Length	$50,000
	E. Oxford Ave Entire Length	$110,000
	E./ W. Myrtle St. Entire Length	$100,000
	Dawes Ave. from King St. to Seminary Rd.	$140,000
	CityWide Alley Resurfacing	$300,000
	Hume Ave. Entire Length	$80,000
	Raymond Ave. Entire Length	$80,000
	Fordham Rd. Entire Length	$60,000
	Farm Rd./ Wellington Rd. from Chalfonte Dr. to Circle Terrace	$180,000
		$3,648,000

	Section	Estimated Cost
Proposed FY 2017 Paving Schedule	E Windsor Ave from Russell Rd to Jefferson Davis Hwy	$140,000
	Russell Rd. from Mt. Vernon Ave. to Masonic View Ave.	$900,000
	Cameron St. from Union St. to Buchannan St.	$200,000
	Mt. Vernon Ave. from Braddock Rd. to Hume Ave.	$420,000
	Randolph Ave. Entire Length	$140,000
	E. Braddock from Russell Rd. to N. West St.	$180,000
	N./ S. Columbus from Green St. to Oronoco St.	$300,000
	CityWide Alley Resurfacing	$300,000
	Pickett St. from Van Dorn St. to Valley Forge	$300,000
	Kennedy St./ Landover Rd. Entire Length	$200,000
	N. Pickett from Polk Ave. to Dead End	$80,000
	N./ S. Henry St. from Slater's Ln. to Franklin St.	$500,000
	Pendleton St. Entire Length	$200,000
	N. Owen St. Entire Length	$60,000
	St. Stephens Rd Entire Length	$140,000
	Colonel Ellis Ave. Entire Length	$50,000
	Chambliss St. Length in City	$80,000
	Francis Hammond/ Skyhill Rd.	$100,000
	W. Timber Branch Pkwy. From Braddock Rd. to Dead End	$100,000
	Taney Ave. from N. Early St. to N. Gordon St.	$80,000
	Leslie Ave. from Randolph Ave. to Duncan Ave.	$140,000
	E. Glebe Rd. from Jefferson Davis Hwy to Russell Rd	$200,000
		$4,810,000

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*1,090,295*	*1,100,000*	875,000	300,000	700,000	300,000	700,000	300,000	700,000	300,000	700,000	300,000	5,175,000
Financing Plan													
Prior City Funding	*1,090,295*	*1,100,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	75,000	75,000	700,000	75,000	175,000	75,000	175,000	75,000	175,000	300,000	1,900,000
General Obligation Bonds	*0*	*0*	150,000	225,000	0	225,000	525,000	225,000	525,000	225,000	525,000	0	2,625,000
Cash Capital - TIP	*0*	*0*	650,000	0	0	0	0	0	0	0	0	0	650,000
Total Financing Plan	*1,090,295*	*1,100,000*	875,000	300,000	700,000	300,000	700,000	300,000	700,000	300,000	700,000	300,000	5,175,000
Add. 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: The only significant change to the project is using TIP funds to support capital improvements in FY 2015.

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 2014 and continuing in FY 2015, utilizing an existing allocated and unallocated project balance of $2.19 million, work will begin on the maintenance and miscellaneous painting of the following bridges: Van Dorn Street over Holmes Run; Van Dorn Street over Duke Street: Eisenhower Avenue over Four Mile 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 soon as the bridge inspection reports are received, the 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 & City Manager's Performance Plan

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 and attractive urban environment that reflects our history and provide 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

- 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													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	16,002,862	*15,002,862*	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
Financing Plan													
Prior City Funding	538,862	*538,862*	0	0	0	0	0	0	0	0	0	0	0
Urban Funds	14,464,000	*14,464,000*	0	0	0	0	0	0	0	0	0	0	0
Reprogrammed VDOT Funds	1,000,000	*0*	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
Total Financing Plan	16,002,862	*15,002,862*	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
Add. 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: Due to increased costs associated with right-of-way acquisition and construction estimates, an additional $1.0 million was required in FY 2015 to complete project funding. Staff reviewed balances in completed VDOT funded projects and identified $1.0 million in prior year balances to apply to this project.

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 proposed 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 is completed. Right-of-way (ROW) acquisition continues, and a consultant is working on final bid documents (plans and specifications). It is anticipated ROW work will be completed in spring/summer of 2014. Construction on this project scheduled to begin early 2015, with an estimated completion date of early 2017.

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 & City Manager's Performance Plan

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 and attractive urban environment that reflects our history and provide 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

- 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 2017, and 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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	8,071,829	*7,571,829*	500,000	0	0	0	0	0	0	0	0	0	500,000
Financing Plan													
Prior City Funding	534,000	*534,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital - TIP	500,000	*0*	500,000	0	0	0	0	0	0	0	0	0	500,000
Urban Funds	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	*7,571,829*	500,000	0	0	0	0	0	0	0	0	0	500,000
Add. 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: During FY 2015 budget development, staff determined that only $7.0 million was available from Urban Funds - last year's CIP had budgeted $7.5 million. To ensure that the project remains fully funded, $500,000 in TIP funding will be added to the project in FY 2015. The total project cost remains the same.

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 final design phase and scheduled to go to construction in summer 2015.

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 & City Manager's Performance Plan

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 and attractive urban environment that reflects our history and provide 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

- 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, and 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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	0	*0*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	150,000	*150,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds - TIP	5,400,000	*5,400,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital - TIP	600,000	*600,000*	0	0	0	0	0	0	0	0	0	0	0
Urban Funds	448,000	*448,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	6,598,000	*6,598,000*	0	0	0	0	0	0	0	0	0	0	0
Add. 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.

Project Description & Justification

This project provides funding for the design and construction of motorist and pedestrian improvements at the intersection of King Street, Quaker Lane, and Braddock Road. This intersection is currently one of the most congested in the City. In 2009, a study of this intersection was completed with the objective to improve pedestrian safety and pedestrian and traffic operations. This study evaluated several intersection concepts and developed traffic and safety improvements, based on accident data, conflict points, and existing traffic volumes. Numerous design alternatives were evaluated and presented to the public. After an involved review of all the alternatives the present scope of work was established.

A concept design (10%) has been completed. A decision was made to move forward with the "base" design concept to 30% design. Issues that may arise before construction can begin include acquiring right-of-ways and relocating utilities. This project is primarily funded through the Transportation Improvement Program (TIP).

This project implements recommendations from a 2010 study, "Route 7 Spot Improvement Study - Braddock Road - King Street - Quaker Lane". Once completed, this project will ensure safe and accessible travel for pedestrians, bicyclists, and motorists utilizing this intersection.

City's Strategic Plan & City Manager's Performance Plan

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 and attractive urban environment that reflects our history and provide 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

- 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, lights, BMP's and trees beginning in FY 2017.

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 at East Reed Avenue Intersection Improvements													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	385,000	*35,000*	350,000	0	0	0	0	0	0	0	0	0	350,000
Financing Plan													
Cash Capital	35,000	*35,000*	0	0	0	0	0	0	0	0	0	0	0
NVTA 30%	350,000	*0*	350,000	0	0	0	0	0	0	0	0	0	350,000
Total Financing Plan	350,000	*0*	350,000	0	0	0	0	0	0	0	0	0	350,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	500	0	0	0	10,000	10,500
Cumulative Impact			0	0	0	0	0	500	500	500	500	10,500	10,500

Changes from Prior Year CIP: No change in project costs or timing. NVTA 30% funding will now be utilized to fund this project, replacing General Fund Cash Capital.

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 proposed 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 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 & City Manager's Performance Plan

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 and attractive urban environment that reflects our history and provide 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

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	37,475,000	*325,000*	750,000	0	0	3,500,000	16,200,000	16,700,000	0	0	0	0	37,150,000
Financing Plan													
Reprogrammed TIP Balances	325,000	*325,000*	0	0	0	0	0	0	0	0	0	0	0
NVTA 30%	425,000	*0*	425,000	0	0	0	0	0	0	0	0	0	425,000
Private Capital Contributions	37,150,000	*0*	750,000	0	0	3,500,000	16,200,000	16,700,000	0	0	0	0	37,150,000
Total Financing Plan	37,150,000	*0*	750,000	0	0	3,500,000	16,200,000	16,700,000	0	0	0	0	37,150,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	25,000	25,750	26,523	27,318	104,591
Cumulative Impact			0	0	0	0	0	0	25,000	50,750	77,273	104,591	104,591

Changes from Prior Year CIP: NVTA 30% funding ($425,000) and development contributions of $750,000 are added to FY 2015 to begin design and engineering work. Development contributions of $36.4 million are now programmed in FY 2018 - 2020.

Project Description & Justification

The intersection of Beauregard Street and Seminary Road is proposed to be reconfigured in the form of an at-grade intersection, referred to as an "ellipse" due to its geometric layout. The proposed 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 proposed 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. Transportation Improvement Program (TIP) funding and development contributions will be utilized to begin design work in FY 2015. This continuation of design work will result in a refinement of the footprint of the ellipse, as well as a refinement of estimated costs. 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. The owners of Southern Towers anticipated submitting the first development plan in this vicinity in FY 2015.

Prior to submitting a development application, this developer will provide development contributions in the amount of $750,000. This will be matched by City and NVA 30% funding in the amount of $750,000 from FY 2014 and FY 2015.

(Continued on next page)

City's Strategic Plan & City Manager's Performance Plan

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 and attractive urban environment that reflects our history and provide 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, and increasing by inflation thereafter.

Seminary Road at Beauregard Ellipse (Continued)

This funding will be used to design the project to a level sufficient to establish the necessary right-of-way for the Southern Towers site to that the development plan may proceed. The City's share of this design effort will be reimbursed b future developer contributions. Funding (currently estimated at $36.0 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.

Mt. Vernon Avenue / Russell Road Intersection

Document Subsection: Streets & Bridges
Managing Department: Transportation & Environmental Services
Supporting Department(s): N/A
ORG: TBD

Project Location: Mount Vernon Ave at Russell Rd.
Reporting Area: Arlandria Neighborhoods Area Plan
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 25 years

Mt. Vernon Avenue / Russell Road Intersection													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,500,000	*0*	250,000	1,250,000	0	0	0	0	0	0	0	0	1,500,000
Financing Plan													
Cash Capital - TIP	1,500,000	*0*	250,000	1,250,000	0	0	0	0	0	0	0	0	1,500,000
Total Financing Plan	1,500,000	*0*	250,000	1,250,000	0	0	0	0	0	0	0	0	1,500,000
Add. 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: Updated estimates of project construction increase the total cost from $1.0 million in last year's CIP to $1.5 million. Project timing and funding sources remain the same.

Project Description & Justification

This project provides funding for the construction of safety improvements at the intersection of Mount Vernon Avenue and Russell Road, as identified in the Arlandria Small Area Plan. The existing intersection geometry and parking configuration adjacent to the intersection creates unsafe conditions for vehicle movement as well as pedestrian and bicycle activity. The intersection accommodates a large number of bicyclists and pedestrians and has a history of pedestrian and vehicle crashes.

Planning, design, and engineering are planned for FY 2015, with construction estimated to begin in FY 2016. This project is funded by the Transportation Improvement Program (TIP).

Completion of this project will improve safety at the intersection for all users, ensuring safe and accessible travel for pedestrian, bicyclists, and motorists.

City's Strategic Plan & City Manager's Performance Plan

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 and attractive urban environment that reflects our history and provide 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

- Arlandria Neighborhood Plan adopted by City Council, June 2003

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Madison and Montgomery Reconstruction

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 Reconstruction													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	8,075,000	*650,000*	1,100,000	0	6,325,000	0	0	0	0	0	0	0	7,425,000
Financing Plan													
Prior City Funding	650,000	*650,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	6,325,000	*0*	0	0	6,325,000	0	0	0	0	0	0	0	6,325,000
Cash Capital - TIP	100,000	*0*	100,000	0	0	0	0	0	0	0	0	0	100,000
Cash Capital - TIP/Prior Years	1,000,000	*0*	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
Total Financing Plan	8,075,000	*650,000*	1,100,000	0	6,325,000	0	0	0	0	0	0	0	7,425,000
Add. 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: Total project costs increase from $7.4 million in last year's CIP to $8.075 million based on updated project costs. TIP funding is replacing General Fund cash capital to begin full-scale design and engineering work in FY 2015. In last year's CIP, design and engineering work was planned for FY 2016; it was moved up to FY 2015 to coincide with current and planned development in the area. No change to funding planned in FY 2017.

Project Description & Justification

This project provides funding for design and reconstruction of three square blocks of Madison and Montgomery Streets between Fairfax and St. Asaph Streets. These streets partially lie over the old abandoned canal that was eventually filled by converting it into a landfill. The landfill status has contributed to the continual settling of the roadway, which 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 sinkage. Preliminary engineering suggests that the sub-base of the streets will need to be stabilized in addition to some full and partial depth roadway reconstructions to improve drainage.

The project has required a high level of planning and feasibility study analysis to-date. Prior year funding in the amount of $650,000 has provided for initial design initiatives and is currently at the 30% stage of design. The final design and construction timeline will be contingent on the future funding schedule. Planning, design, and engineering are currently planned for FY 2015, with construction estimated to begin in FY 2017.

Completion of this project will prevent future roadway and sidewalk settlement and improve the pavement riding quality. It will also eliminate the ponding and freezing problems in these roadways and intersections.

City's Strategic Plan & City Manager's Performance Plan

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 and attractive urban environment that reflects our history and provide 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

Reporting Area: Landmark/Van Dorn

Supporting Department(s): Planning & Zoning

Project Category: 3 – New Facilities

ORG: TBD

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	500,000	*0*	0	0	0	0	0	0	0	0	500,000	0	500,000
Financing Plan													
Cash Capital - TIP	500,000	*0*	0	0	0	0	0	0	0	0	500,000	0	500,000
Total Financing Plan	500,000	*0*	0	0	0	0	0	0	0	0	500,000	0	500,000
Add. 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. Construction funding may be considered as part of future TIP plans.

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 & City Manager's Performance Plan

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 and attractive urban environment that reflects our history and provide 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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	500,000	*0*	0	0	0	0	0	0	0	0	500,000	0	500,000
Financing Plan													
Cash Capital - TIP	500,000	*0*	0	0	0	0	0	0	0	0	500,000	0	500,000
Total Financing Plan	500,000	*0*	0	0	0	0	0	0	0	0	500,000	0	500,000
Add. 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 & City Manager's Performance Plan

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 and attractive urban environment that reflects our history and provide 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.

FIXED TRANSPORTATION EQUIPMENT

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Fixed Transportation Equipment
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Fixed Transportation Equipment												
Fixed Transportation Equipment	*$1,010,000*	$490,000	$850,000	$850,000	$1,450,000	$850,000	$850,000	$850,000	$850,000	$2,350,000	$850,000	$10,240,000
Intelligent Transportation Systems (ITS) Integration	*$1,567,019*	$2,450,000	$1,975,000	$0	$0	$0	$0	$0	$0	$0	$0	$4,425,000
Citywide Transportation Management System (SCOOT/TDi)	*$0*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Transportation Technologies	*$550,000*	$0	$250,000	$250,000	$0	$250,000	$0	$0	$250,000	$0	$250,000	$1,250,000
Parking Technologies	*$0*	$0	$0	$0	$110,000	$200,000	$0	$0	$0	$0	$0	$310,000
Fixed Transportation Equipment Total	*$3,127,019*	$3,440,000	$3,075,000	$1,100,000	$1,560,000	$1,300,000	$850,000	$850,000	$1,100,000	$2,350,000	$1,100,000	$16,725,000

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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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*535,836*	*1,010,000*	490,000	850,000	850,000	1,450,000	850,000	850,000	850,000	850,000	2,350,000	850,000	10,240,000
Financing Plan													
Prior City Funding	*535,836*	*1,010,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	45,000	425,000	425,000	725,000	425,000	425,000	425,000	425,000	1,175,000	425,000	4,920,000
General Obligation Bonds	*0*	*0*	245,000	425,000	425,000	725,000	425,000	425,000	425,000	425,000	1,175,000	425,000	5,120,000
Prior Year CIP/Close-Out	*0*	*0*	200,000	0	0	0	0	0	0	0	0	0	200,000
Total Financing Plan	*535,836*	*1,010,000*	490,000	850,000	850,000	1,450,000	850,000	850,000	850,000	850,000	2,350,000	850,000	10,240,000
Add. Operating Impact													
Annual Impact			0	2,500	5,000	7,500	10,000	12,500	15,000	17,500	20,000	22,500	112,500
Cumulative Impact			0	2,500	7,500	15,000	25,000	37,500	52,500	70,000	90,000	112,500	112,500

Changes from Prior Year CIP: Funding reduced in FY 2015 only based on available project balances. Planned funding was $850,000 in last year's CIP. Funding has been reduced to $490,000 in FY 2015 only. Funding is added for FY 2024.

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 the traffic signal poles in Old Town. These poles are rusting and will pose a safety hazard to the public if they are not replaced within the next five years. 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. The manufacturer has indicated that they will no longer manufacture replacement parts for the East Eisenhower/Carlyle meters after 2014, so the replacement schedule may need to be revisited in future Capital Improvement Programs.

All funding will be used for the procurement of equipment and constructions service. No engineering or design services will be paid from this funding.

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 & City Manager's Performance Plan

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. Each new parking meter would have an annual operating impact of $2,000 per multi-space meter, however, this impact would be offset by the expected $15,000 in annual revenue generated by the meter. Only additional operating costs with new signals are shown above.

Fixed Transportation Equipment (Continued)

Fixed Transportation Equipment Category 1 Project List

Fiscal Year 2015		
Description		Amount
Reconstruct King and Taylor Signal	$	85,000
Reconstruct King, Callahan and Russell Signal	$	85,000
Reconstruct King and Peyton Signal	$	75,000
Reconstruct King and West Signal	$	75,000
Reconstruct King and Fayette Signal	$	75,000
Infrastructure Repair	$	95,000
Total Fiscal Year 2015	$	490,000
Fiscal Year 2016		
Description		Amount
Reconstruct Preston and Quaker Signal	$	85,000
Reconstruct Wythe and St Asaph Signal	$	85,000
Reconstruct Cameron and St Asaph Signal	$	85,000
Reconstruct Madison and St Asaph Signal	$	85,000
Reconstruct King and 28th Signal	$	85,000
Reconstruct Van Dorn and Kenmore Signal	$	85,000
Reconstruct Slaters and Abingdon Signal	$	85,000
Reconstruct Bashford and Abingdon Signal	$	85,000
New Signal (undetermined location)	$	85,000
Infrastructure Repair	$	85,000
Total Fiscal Year 2016	$	850,000
Fiscal Year 2017		
Description		Amount
Reconstruct Duke and Columbus Signal	$	85,000
Reconstruct Patrick and Madison Signal	$	85,000
Reconstruct Cameron and Columbus Signal	$	85,000
Reconstruct Wilkes and Columbus Signal	$	85,000
Reconstruct Alfred and Prince Signal	$	85,000
Reconstruct Alfred and Cameron Signal	$	85,000
Reconstruct Columbus and Prince Signal	$	85,000
Reconstruct Patrick and Oronoco Signal	$	85,000
New Signal Request (undetermined location)	$	85,000
Infrastructure Repair	$	85,000
Total Fiscal Year 2017	$	850,000

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	8,626,896	*4,201,896*	2,450,000	1,975,000	0	0	0	0	0	0	0	0	4,425,000
Financing Plan													
Prior City Funding	1,727	*1,727*	0	0	0	0	0	0	0	0	0	0	0
CMAQ/RSTP	7,533,057	*3,108,057*	2,450,000	1,975,000	0	0	0	0	0	0	0	0	4,425,000
Urban Funds	346,987	*346,987*	0	0	0	0	0	0	0	0	0	0	0
FHWA	745,125	*745,125*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	8,626,896	*4,201,896*	2,450,000	1,975,000	0	0	0	0	0	0	0	0	4,425,000
Add. Operating Impact													
Annual Impact			0	10,000	20,000	20,600	21,218	21,855	22,510	23,185	23,881	24,597	187,847
Cumulative Impact			0	10,000	30,000	50,600	71,818	93,673	116,183	139,368	163,249	187,847	187,847

Changes from Prior Year CIP: New federal guidelines governing the use of CMAQ/RSTP funding no longer allow the purchase of DASH replacement buses. As such, CMAQ/RSTP funding has been removed from the DASH bus replacement project, and reprogrammed to other eligible projects. In last year's CIP, there was no funding available to continue work on this project beyond FY 2014; CMAQ/RSTP funding will now continue to support this project in FY 2015 and FY 2016.

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 has weather stations, flood monitoring equipment, pavement temperature sensors, etc.

The City is already implementing Phase I of the ITS Integration project which consists of the installation of traffic surveillance cameras, a fiber optic communications network, and a transportation management center. The engineering of Phase II began in November 2012 and will consist of expanding the communications network and the installation of more cameras, building on Phase I. Future phases will add to completed work if additional funding becomes available.

This project is constructed almost entirely with State and Federal grant funding. City staff will explore future grant opportunities to enhance work completed in Phases I and II of this project.

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 & City Manager's Performance Plan

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	500,000	*0*	500,000	0	0	0	0	0	0	0	0	0	500,000
Financing Plan													
NVTA 70%	500,000	*0*	500,000	0	0	0	0	0	0	0	0	0	500,000
Total Financing Plan	500,000	*0*	500,000	0	0	0	0	0	0	0	0	0	500,000
Add. 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 for FY 2015 using NVTA 70% funds. Initial planning and feasibility funding only.													

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 is 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, and (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 & City Manager's Performance Plan

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,850,000	*600,000*	0	250,000	250,000	0	250,000	0	0	250,000	0	250,000	1,250,000
Financing Plan													
Cash Capital - TIP	1,850,000	*600,000*	0	250,000	250,000	0	250,000	0	0	250,000	0	250,000	1,250,000
Total Financing Plan	1,850,000	*600,000*	0	250,000	250,000	0	250,000	0	0	250,000	0	250,000	1,250,000
Add. 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 in FY 2018 moved to FY 2017 based on availability of TIP funding. FY 2024 is added.

Project Description & Justification

This project funds the deployment of small, undefined transportation technology projects to improve efficiency of the transportation network through technology.

In FY 2015, funding available from prior years ($550,000) will be used to fund the implementation of the Real-Time Transit Information project at high ridership, high priority transit stations throughout the City. In future years funding will expand this technology at additional transit stops, upgrades transit signal priority technology, additional traffic monitoring cameras and pavement temperature sensors.

Funds will be used for the engineering and design as well as deployment of new technologies. All funding is through the City's Transportation Improvement Program (TIP).

Installation of these new technologies will improve traffic flow and public safety through equipment and systems designed to monitor and allow the more efficient operation of the City's transportation network.

City's Strategic Plan & City Manager's Performance Plan

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 are 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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	310,000	*0*	0	0	0	110,000	200,000	0	0	0	0	0	310,000
Financing Plan													
CMAQ/RSTP	310,000	*0*	0	0	0	110,000	200,000	0	0	0	0	0	310,000
Total Financing Plan	310,000	*0*	0	0	0	110,000	200,000	0	0	0	0	0	310,000
Add. 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

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 – 2019. 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.

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 & City Manager's Performance Plan

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.

SANITARY SEWERS

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Sanitary Sewers
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Sanitary Sewers												
King & West Combined Sewer Diversion Structure	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Holmes Run Trunk Sewer	*$5,637,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Four Mile Run Sanitary Sewer Repair	*$1,830,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Combined Sewer Overflow 001 Planning	*$0*	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$500,000
Wet Weather Management Facility	*$0*	$2,250,000	$2,250,000	$0	$8,750,000	$9,000,000	$0	$0	$0	$0	$0	$22,250,000
Combined Sewer System (CSS) Permit Compliance	*$1,490,690*	$0	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$2,700,000
Reconstructions & Extensions of Sanitary Sewers	*$2,095,918*	$0	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$900,000	$8,100,000
Combined Sewer Separation Projects	*$1,300,000*	$0	$200,000	$200,000	$600,000	$200,000	$200,000	$600,000	$200,000	$200,000	$600,000	$3,000,000
Citywide Sewershed Infiltration & Inflow	*$9,320,000*	$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	*$450,000*	$0	$0	$0	$0	$3,700,000	$2,550,000	$2,550,000	$0	$0	$0	$8,800,000
AlexRenew Wastewater Treatment Plant Capacity	*$500,000*	$0	$0	$0	$0	$0	$11,070,000	$11,400,000	$11,750,000	$0	$0	$34,220,000
Sanitary Sewers Total	*$22,623,608*	$2,750,000	$6,650,000	$3,775,000	$13,625,000	$16,950,000	$19,020,000	$15,750,000	$13,150,000	$1,400,000	$1,800,000	$94,870,000

Sanitary Sewers Ten-Year Plan
Proposed FY 2015 – 2024 Capital, Operating and Debt Service

Sanitary Sewer Rate	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Sanitary Sewer Rate ($ per 1,000 gallons)	$1.25	$1.25	$1.50	$1.74	$2.02	$2.02	$2.32	$2.67	$2.67	$2.67	
Proposed Rate Increase	**0.0%**	**20.0%**	**16.0%**	**16.0%**	**0.0%**	**15.0%**	**15.0%**	**0.0%**	**0.0%**	**0.0%**	
New Sanitary Sewer Rate	$1.25	$1.50	$1.74	$2.02	$2.02	$2.32	$2.67	$2.67	$2.67	$2.67	

Revenues	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Sewer Line Maintenance Fee	6,100,000	7,374,900	8,619,046	10,073,079	10,148,627	11,758,453	13,623,637	13,725,814	13,828,758	13,932,474	**109,184,787**
Sewer Connection Fee	1,603,945	1,652,063	1,701,625	1,752,674	1,985,780	2,249,888	2,549,124	2,888,157	3,005,828	3,128,581	**22,517,665**
New Debt Issuance	2,425,000	6,600,000	3,575,000	13,115,000	14,445,000	16,070,000	12,520,000	13,150,000	700,000	1,800,000	**84,400,000**
Reprogrammed Prior Year Funding	500,000	0	0	0	0	0	0	0	0	0	**500,000**
Fund Balance Carryover	291,000	34,449	167,286	1,023,698	2,099,057	1,944,268	816,561	216,002	773,789	409,833	
Total Revenues	**10,919,945**	**15,661,412**	**14,062,957**	**25,964,450**	**28,678,463**	**32,022,609**	**29,509,322**	**29,979,974**	**18,308,375**	**19,270,888**	**216,602,452**
	175,000										
All Operating	5,232,100	5,472,313	5,633,482	5,799,487	5,970,471	6,455,586	6,646,253	6,842,641	7,044,920	7,253,267	**62,350,521**
All Capital Projects	3,100,000	6,900,000	3,775,000	13,625,000	15,100,000	17,745,000	14,475,000	13,150,000	1,400,000	1,800,000	**91,070,000**
All Debt Service	2,553,396	3,121,813	3,630,777	4,440,907	5,663,724	7,005,462	8,172,066	9,213,544	9,453,622	9,282,113	**62,537,424**
Total Expenditures	**10,885,496**	**15,494,126**	**13,039,259**	**23,865,394**	**26,734,195**	**31,206,048**	**29,293,319**	**29,206,185**	**17,898,542**	**18,335,380**	**215,957,945**

Operating Costs	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Current Personnel (T&ES)	2,267,820	2,335,855	2,405,930	2,478,108	2,552,451	2,629,025	2,707,896	2,789,133	2,872,807	2,958,991	**25,998,015**
Additional Personnel(T&ES)	131,957	135,916	139,993	144,193	148,519	152,974	157,564	162,290	167,159	172,174	**1,512,739**
DPI Personnel Charges	541,987	558,247	574,994	592,244	610,011	628,311	647,161	666,576	686,573	707,170	**6,213,274**
T&ES Workers Compensation	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	**1,000,000**
Indirect Costs (Tr to G.F.)	240,178	247,383	254,805	262,449	270,322	278,432	286,785	295,389	304,250	313,378	**2,753,372**
Sewer Jet Cleaning	242,500	249,775	257,268	264,986	272,936	281,124	289,558	298,244	307,192	316,407	**2,779,991**
Corrective Maintenance	100,000	103,000	106,090	109,273	112,551	115,927	119,405	122,987	126,677	130,477	**1,146,388**
Other Non-Personnel (Training, Utilities, Rentals, etc.)	137,226	141,343	145,583	149,951	154,449	159,083	163,855	168,771	173,834	179,049	**1,573,142**
Equipment Replacement	115,432	118,895	122,462	126,136	129,920	133,817	137,832	141,967	146,226	150,613	**1,323,299**
Sanitary Sewer Capacity Study - Flow Metering and Sewer Modeling	625,000	730,000	751,900	774,457	797,691	821,621	846,270	871,658	897,808	924,742	**8,041,147**
Sewer Billing	80,000	82,400	84,872	87,418	90,041	92,742	95,524	98,390	101,342	104,382	**917,110**
Annual CCTV of Sewers	400,000	412,000	424,360	437,091	450,204	463,710	477,621	491,950	506,708	521,909	**4,585,552**
Heavy Cleaning of Sewers	250,000	257,500	265,225	273,182	281,377	289,819	298,513	307,468	316,693	326,193	**2,865,970**
Wet Weather Management Facility Operating	0	0	0	0	0	309,000	318,270	327,818	337,653	347,782	**1,640,523**
Subtotal, Operating Costs	***5,232,100***	***5,472,313***	***5,633,482***	***5,799,487***	***5,970,471***	***6,455,586***	***6,646,253***	***6,842,641***	***7,044,920***	***7,253,267***	***62,350,521***

Sanitary Sewers
FY 2015 – 2024 – Capital, Operating and Debt Service (continued)

Capital Projects	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Green Infrastructure	350,000	250,000	0	0	0	0	0	0	0	0	**600,000**
Reconstruction and Extension of Sanitary Sewers	0	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	**8,100,000**
Wet Weather Management Facility	2,250,000	2,250,000	0	8,750,000	9,000,000	0	0	0	0	0	**22,250,000**
Sewer Separation Projects	0	200,000	200,000	600,000	200,000	200,000	600,000	200,000	200,000	600,000	**3,000,000**
Combined Sewer Overflow Planning	500,000	0	0	0	0	0	0	0	0	0	**500,000**
Combined Sewer Permit Compliance	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	**2,700,000**
Sanitary Sewer 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	0	1,850,000	1,275,000	1,275,000	0	0	0	**4,400,000**
AlexRenew WWTP Expansion	0	0	0	0	0	11,070,000	11,400,000	11,750,000	0	0	**34,220,000**
Four Mile Run Sanitary Sewer Repair	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	*3,100,000*	*6,900,000*	*3,775,000*	*13,625,000*	*15,100,000*	*17,745,000*	*14,475,000*	*13,150,000*	*1,400,000*	*1,800,000*	*91,070,000*
Debt Service	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**Total**
Debt Service Payments	*2,553,396*	*3,121,813*	*3,630,777*	*4,440,907*	*5,663,724*	*7,005,462*	*8,172,066*	*9,213,544*	*9,453,622*	*9,282,113*	***62,537,424***
Total, All Categories	**10,885,496**	**15,494,126**	**13,039,259**	**23,865,394**	**26,734,195**	**31,206,048**	**29,293,319**	**29,206,185**	**17,898,542**	**18,335,380**	**215,957,945**

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King and West Combined Sewer Diversion Structure

Document Subsection: Sanitary Sewers
Managing Department: Dept. of Project Implementation
Supporting Department(s): Transportation & Environmental Services
ORG: 53411866

Project Location: 100 Block of N. West St.
Reporting Area: Old Town
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 40 years

King and West Combined Sewer Diversion Structure

	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,515,000	*1,515,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Sanitary Sewer Fees	1,515,000	*1,515,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	1,515,000	*1,515,000*	0	0	0	0	0	0	0	0	0	0	0
Add. 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 was not included in last year's CIP as additional funding was not required; however, as it is about to be under construction, it will be in the CIP until the project is completed.

Project Description & Justification

The new diversion chamber will replace the existing diversion chamber which transmits low flow sewage to the Alex Renew wastewater treatment facility. The primary goal of the project is to provide better accessibility to T&ES operations staff to enable maintenance and observation with greater efficiency. The secondary goal of the new diversion structure is to allow for maximum CSO diversion capture and conveyance, without causing backups or surcharging the system during wet weather events.

This project has been incorporated into the City's combined sewer system (CSS) permit issued by the Virginia Department of Environmental Quality (VDEQ) in August 2013 and must be completed no later than February 2016. Design is complete and construction will begin in FY 2014.

City's Strategic Plan & City Manager's Performance Plan

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

- 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.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	9,002,000	*9,002,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior Year City Funding	500,000	*500,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation 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
Add. 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 for an increase in capacity in the Holmes Run trunk sewer line, 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 FY 2014. Upon completion of the analysis, design will begin for recommended improvements. Depending on the outcome of the current on-going study, additional funding may be required in future years.

Completion of this project will improve the City's sanitary sewer infrastructure, which will help mitigate sanitary sewer overflows during periods of wet weather. Additionally the project will improve the City's readiness for quality economic growth.

City's Strategic Plan & City Manager's Performance Plan

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.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	2,300,000	*2,300,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
General Obligation Bonds - Sanitary Sewer	800,000	*800,000*	0	0	0	0	0	0	0	0	0	0	0
Sanitary Sewer Fees	1,500,000	*1,500,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	2,300,000	*2,300,000*	0	0	0	0	0	0	0	0	0	0	0
Add. 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 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 $2.3 million, and include planning, design and engineering, construction management, and construction. The project is currently in the design phase and construction is tentatively scheduled to start in FY 2015.

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 & City Manager's Performance Plan

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 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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	500,000	*0*	500,000	0	0	0	0	0	0	0	0	0	500,000
Financing Plan													
Sanitary Sewer Fees	0	*0*	500,000	0	0	0	0	0	0	0	0	0	500,000
Total Financing Plan	500,000	*0*	500,000	0	0	0	0	0	0	0	0	0	500,000
Add. 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 accelerated from FY 2017 to FY 2015 based on planning needed in North Old Town area.

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 from 30-40 events per year to about four per year at each outfall through storage of CSOs. $500,000 is budgeted for feasibility planning in FY 2015, with design and construction TBD 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 & City Manager's Performance Plan

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.

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. Total cost of mitigation of these overflows can range as high as $200 million - $300 million over a two to three decade period and depends on the type and mix of technologies that get implemented. Through the Alternatives Analysis being conducted by the City in FY 2014 – 2018, an update to its Long-Term Control Plan will be developed. Only after completion of this analysis, and with the approval of the Long Term Control Plan update by the Virginia Department of Environmental Quality (VDEQ), will the exact costs of the resulting projects and applicable schedule will become certain. In the upcoming permit cycle, the City is required to continue implementation of Nine Minimum Controls, Area Reduction Plan. This includes implementation of several capital projects including Green Infrastructure, and select 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 (FY 2019 onwards) are not reflected in the budget.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	22,250,000	*0*	2,250,000	2,250,000	0	8,750,000	9,000,000	0	0	0	0	0	22,250,000
Financing Plan													
General Obligation Bonds - Sanitary Sewer	21,850,000	*0*	2,100,000	2,000,000	0	8,750,000	9,000,000	0	0	0	0	0	21,850,000
Sanitary Sewer Fees	400,000	*0*	150,000	250,000	0	0	0	0	0	0	0	0	400,000
Total Financing Plan	22,250,000	*0*	2,250,000	2,250,000	0	8,750,000	9,000,000	0	0	0	0	0	22,250,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	309,000	318,270	327,818	337,653	347,782	1,640,523
Cumulative Impact			0	0	0	0	0	309,000	627,270	955,088	1,292,741	1,640,523	1,640,523

Changes from Prior Year CIP: No changes to total project cost or project timing. $4.5 million for planning/design/engineering budget over FY 2015 - 2016 based on projected cash flow needs.

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. There are two SSO locations in the City - at the Four Mile Run Pumping Station and at the Alexandria Renew Enterprises (AlexRenew) wastewater treatment facility. Due to forecasted growth in the City (and Fairfax County), there is concern that this growth will lead to increased SSOs in the future 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 mgd (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 equally 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 & City Manager's Performance Plan

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 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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*120,610*	*1,490,690*	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Financing Plan													
General Obligation Bonds - Sanitary Sewer	*0*	*0*	0	300,000	100,000	300,000	300,000	300,000	120,000	300,000	300,000	300,000	2,320,000
Sanitary Sewer Fees	*1,637,233*	*1,490,690*	0	0	200,000	0	0	0	180,000	0	0	0	380,000
Total Financing Plan	*1,637,233*	*1,490,690*	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Add. 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 in FY 2015 reduced from $300,000 to $0 based on available project balances; no other changes from FY 2016 - 2023. Added funding for FY 2024.

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, and to implement the plan no later than 2035.

In order to comply with this future CSS permit, the City must perform a number of activities. The City will be required to conduct an Alternatives Analysis envisioned to be in the upcoming permit as it was included in the City's proposal to Virginia Department of Environmental Quality. This Alternatives Analysis is a detailed study of all possible alternatives, their financial costs, and other impacts. Based on the analysis a revised Long Term Control Plan is to be developed which becomes basis of the implementation of projects at 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.

(Continued on next page)

City's Strategic Plan & City Manager's Performance Plan

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.

Project Description and Justification (Continued)

Funding also ensures compliance with Commonwealth and Federal statutes and permits, and will continue to improve the City's combined sewer system.

For the City to stay in compliance with 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. Total cost of mitigation of these overflows can range as high as $200 - $300 million and depends on the type and mix of technologies that get implemented. Through the Alternatives Analysis being conducted by the City in FY 2014 – 2018, an update to its Long-Term Control Plan will be developed. Only after completion of this analysis, and with the approval of the Long Term Control Plan update by the Virginia Department of Environmental Quality (VDEQ), will the exact costs of the resulting projects and applicable schedule will become certain. In the upcoming permit cycle, the City is required to continue implementation of Nine Minimum Controls, Area Reduction Plan. This includes implementation of several capital projects including Green Infrastructure, and select 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 (FY 2019 onwards) are not reflected in the budget. These costs over two to three decades could be in the $200 million - $300 million range.

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*282,112*	*2,095,918*	0	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	8,100,000
Financing Plan													
General Obligation Bonds - Sanitary Sewer	*0*	*0*	0	900,000	900,000	540,000	900,000	900,000	400,000	900,000	375,000	900,000	6,715,000
Sanitary Sewer Fees	*282,112*	*2,095,918*	0	0	0	360,000	0	0	500,000	0	525,000	0	1,385,000
Total Financing Plan	*282,112*	*2,095,918*	0	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	8,100,000
Add. 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 2015 reduced from $900,000 to $0 based on available project balances; no other changes from FY 2016 - 2023. Added funding for FY 2024.

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 also funds for the City's share of the cost of sewer extensions required for development. This is an essential infrastructure project.

Prior year allocated and unallocated balances of $2.37 million along with annual funding of $900,000 beginning 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 include:

- North Alfred and Pendleton Streets manhole additions
- Beauregard Street Sanitary Sewer Rehabilitation (included with King & Beauregard street intersection improvement project)
- West Uhler Sewer Construction
- Groves Sewer Replacement
- Hooff's Run (Chapman to Maple Steets) Sewer Lining
- 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 & City Manager's Performance Plan

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.

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*1,437,711*	*1,300,000*	0	200,000	200,000	600,000	200,000	200,000	600,000	200,000	200,000	600,000	3,000,000
Financing Plan													
General Obligation Bonds - Sanitary Sewer	*0*	*0*	0	200,000	200,000	600,000	200,000	200,000	600,000	200,000	25,000	600,000	2,825,000
Sanitary Sewer Fees	*1,437,711*	*1,300,000*	0	0	0	0	0	0	0	0	175,000	0	175,000
Total Financing Plan	*1,437,711*	*1,300,000*	0	200,000	200,000	600,000	200,000	200,000	600,000	200,000	200,000	600,000	3,000,000
Add. Operating Impact													
Annual Impact													0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding in FY 2015 reduced from $600,000 to $0 based on available project balances; no other changes from FY 2016 - 2023. Added funding for FY 2024.

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 to 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 fall 2014. 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 & City Manager's Performance Plan

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.

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. 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 Alternatives Analysis being conducted by the City in FY 2014 – 2018, an update to its Long-Term Control Plan will be developed. Only after completion of this analysis, and with the approval of the Long Term Control Plan update by the Virginia Department of Environmental Quality (VDEQ), will the exact costs of the resulting projects and applicable schedule will become certain. In the upcoming permit cycle, the City is required to continue implementation of Nine Minimum Controls, Area Reduction Plan. This includes implementation of several capital projects including Green Infrastructure, and select 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 (FY 2019 onwards) are not reflected in the budget. These costs could be over a two to three decade period in the $200 million to $300 million range.

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 & Inflow													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
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													
General Obligation Bonds - Sanitary Sewer	30,215,000	*15,750,000*	0	3,000,000	2,375,000	2,925,000	2,565,000	3,600,000	0	0	0	0	14,465,000
Sanitary Sewer Fees	4,946,440	*4,111,440*	0	0	0	150,000	285,000	400,000	0	0	0	0	835,000
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
Add. 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 2015 shifted to FY 2016 based on estimated cash flow needs; no changes to total funding amount.

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 and 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.

During FY 2015, the Pegram & Strawberry sewersheds are scheduled for reconstruction. Manhole repairs are scheduled throughout the Holmes Run sewershed.

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 & City Manager's Performance Plan

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	8,800,000	*0*	0	0	0	0	3,700,000	2,550,000	2,550,000	0	0	0	8,800,000
Financing Plan													
General Obligation Bonds	4,400,000	*0*	0	0	0	0	1,850,000	1,275,000	1,275,000	0	0	0	4,400,000
General Obligation Bonds - Sanitary Sewer	1,480,000	*0*	0	0	0	0	1,480,000	0	0	0	0	0	1,480,000
Sanitary Sewer Fees	2,920,000	*0*	0	0	0	0	370,000	1,275,000	1,275,000	0	0	0	2,920,000
Total Financing Plan	8,800,000	*0*	0	0	0	0	3,700,000	2,550,000	2,550,000	0	0	0	8,800,000
Add. 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 & City Manager's Performance Plan

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	34,220,000	*0*	0	0	0	0	0	11,070,000	11,400,000	11,750,000	0	0	34,220,000
Financing Plan													
General Obligation Bonds - Sanitary Sewer	34,220,000	*0*	0	0	0	0	0	11,070,000	11,400,000	11,750,000	0	0	34,220,000
Total Financing Plan	34,220,000	*0*	0	0	0	0	0	11,070,000	11,400,000	11,750,000	0	0	34,220,000
Add. 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: Intital planning and design work was peformed by City staff, so $500,000 budgeted in FY 2014 will not be required for the project and is removed from prior year funding. The $500,000 will be reprogrammed in FY 2015 for other sanitary sewer projects. No changes to planned funding in FY 2020 - 2022.

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). Thus, 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.

City's Strategic Plan & City Manager's Performance Plan

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.

STORMWATER MANAGEMENT

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Stormwater Management
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Stormwater Management												
Ft. Ward Stormwater	*$460,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Taylor Run at Janney's Lane	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
NPDES / MS4 Permit	*$34,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Four Mile Run Channel Maintenance	*$1,610,000*	$0	$0	$0	$600,000	$0	$0	$0	$0	$600,000	$0	$1,200,000
Storm Sewer Capacity Assessment	*$0*	$0	$0	$0	$0	$0	$475,000	$475,000	$0	$0	$0	$950,000
Green Infrastructure in CSO Areas	*$300,000*	$700,000	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,200,000
Stream & Channel Maintenance	*$618,750*	$550,000	$1,200,000	$1,200,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$6,100,000
MS4-TMDL Compliance Water Quality Imprv.	*$800,000*	$0	$0	$400,000	$500,000	$500,000	$3,000,000	$3,000,000	$3,500,000	$3,500,000	$7,000,000	$21,400,000
Storm Sewer System Spot Improvements	*$2,734,113*	$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*	$2,400,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,400,000
Cameron Station Pond Retrofit	*$0*	$0	$0	$500,000	$1,500,000	$1,500,000	$0	$0	$0	$0	$0	$3,500,000
City Facilities Stormwater Best Management Practices (BMPs)	*$0*	$0	$400,000	$1,100,000	$0	$0	$0	$0	$0	$0	$0	$1,500,000
Stormwater Management Total	*$6,556,863*	$3,650,000	$2,400,000	$3,500,000	$3,350,000	$2,750,000	$4,225,000	$4,225,000	$4,250,000	$4,850,000	$7,750,000	$40,950,000

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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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	585,000	*585,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City 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
Add. 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

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 overland flow and erosion.

The scope of work includes studying the existing drainage infrastructure in Fort Ward Park and make 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.

This project has been fully funded and will be active in FY 2015. The City expects completion of the stormwater master plan by spring 2014. The master plan will be the basis for design of the improvement which is expected to begin in FY 2015.

Environmental benefits achieved by the completion of this project include include overland flow improvements, erosion protection, stream restoration and flood prevention, all of which will improve the natural quality of the land in the project area.

City's Strategic Plan & City Manager's Performance Plan

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

- Recommended by the Ad Hoc Fort Ward Park and Museum Area Stakeholder Advisory Group
- Budget Memorandum #46, April 8, 2011 (FY 2012)

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Taylor Run at Janney's Lane

Document Subsection: Stormwater Management
Managing Department: Dept. of Project Implementation
Supporting Department(s): Transportation & Environmental Services
ORG: 52411857

Project Location: Taylor Run Parkway at Janney's Ln.
Reporting Area: Taylor Run
Project Category: 2 – Renovations/Existing Assets
Estimated Useful Life: 50 years

Taylor Run at Janney's Lane													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,051,250	*1,051,250*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	1,051,250	*1,051,250*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	1,051,250	*1,051,250*	0	0	0	0	0	0	0	0	0	0	0
Add. 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 consists of reconstructing 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.

This project has been fully funded. The project design has been completed and is scheduled for completion in FY 2014. Project completion will need to be coordinated with the re-paving project on Janney's Lane also scheduled for FY 2014.

Completion of this project will improve and extend the useful life of the City's stormwater infrastructure.

City's Strategic Plan & City Manager's Performance Plan

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.

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/Municipal Separte Storm Sewer System (MS4) Program													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*103,071*	*34,000*	0		0	0	0	0	0	0	0	0	0
Financing Plan													
Prior Year City & Stormwater Funding	*103,071*	*34,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	*103,071*	*34,000*	0	0	0	0	0	0	0	0	0	0	0
Add. 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 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 proposed five-year permit is scheduled to be effective through June 30, 2018. Each successive permit has contained more regulatory requirements which necessitates more resources the new permit is no exception.

The new permit regulations require more public education and outreach, increased staff training, creation of new 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 Total Maximum Daily Load (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.

City's Strategic Plan & City Manager's Performance Plan

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 Maintenance													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	3,293,000	*2,093,000*	0	0	0	600,000	0	0	0	0	600,000	0	1,200,000
Financing Plan													
General Obligation Bonds	1,810,000	*1,810,000*											0
Cash Capital	1,483,000	*283,000*	0	0	0	600,000	0	0	0	0	600,000	0	1,200,000
Total Financing Plan	3,293,000	*2,093,000*	0	0	0	600,000	0	0	0	0	600,000	0	1,200,000
Add. 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, with an allocated and unallocated project balance of $1.85 million remaining to complete current maintenance activities. 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 upgrades to the flood control system ensure that the flood control project will perform as predicted and protect citizens and property from flooding.

City's Strategic Plan & City Manager's Performance Plan

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*93,051*	*0*	0	0	0	0	0	475,000	475,000	0	0	0	950,000
Financing Plan													
Prior City Funding	*93,051*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	0	0	0	0	475,000	475,000	0	0	0	950,000
Stormwater Management Tax	*0*	*0*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	*93,051*	*0*	0	0	0	0	0	475,000	475,000	0	0	0	950,000
Add. 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 in out-year cost estimates. Last year's CIP included $950,000 in FY 2020. Plan has been adjusted to provide $475,000 in both FY 2020 and FY 2021.

Project Description & Justification

This project provides for a multi-year City-wide 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 employing a variety of technologies to reduce flooding in problem areas 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 2014, 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, and Four Mile Run watersheds. In addition, identification of problem areas and their prioritizing on the bases 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 & City Manager's Performance Plan

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,500,000	*300,000*	700,000	500,000	0	0	0	0	0	0	0	0	1,200,000
Financing Plan													
General Obligation Bonds	750,000	*150,000*	350,000	250,000	0	0	0	0	0	0	0	0	600,000
General Obligation Bonds - Sanitary Sewer	645,000	*120,000*	325,000	200,000	0	0	0	0	0	0	0	0	525,000
Sanitary Sewer Fees	105,000	*30,000*	25,000	50,000	0	0	0	0	0	0	0	0	75,000
Total Financing Plan	1,230,000	*30,000*	700,000	500,000	0	0	0	0	0	0	0	0	1,200,000
Add. Operating Impact													
Annual Impact			0	0	750	1,523	1,569	1,616	1,664	1,714	1,766	1,819	12,420
Cumulative Impact			0	0	750	2,273	3,842	5,457	7,122	8,836	10,601	12,420	12,420
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 at least one "green alley". Completion of these projects will provide the following benefits: increased stormwater infiltration, reduction of 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 CSS permit, 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. Total cost of mitigation of these overflows over two to three decades could range as high as $200 million - $300 million and depends on the type and mix of technologies that get implemented. Through the Alternatives Analysis to be conducted by the City in FY 2014 – 2018, an update to its Long-Term Control Plan will be developed. Only after completion of this analysis, and with the approval of the Long Term Control Plan update by the Virginia Department of Environmental Quality, will the exact costs of the resulting projects and applicable schedule will become certain. In the upcoming permit cycle, the City is required to continue implementation of Nine Minimum Controls, Area Reduction Plan, several capital projects that include Green Infrastructure, and select separation projects. The City will also need to continue extensive monitoring, sampling, inspections, and reporting.

City's Strategic Plan & City Manager's Performance Plan

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. 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 Maintenance	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*1,361,792*	*618,750*	550,000	1,200,000	1,200,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	6,100,000
Financing Plan													
Prior Year City & Stormwater Funding	*1,361,792*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*18,750*	275,000	600,000	600,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000	3,050,000
General Obligation Bonds	*0*	*0*	275,000	600,000	600,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000	3,050,000
Environmental Restoration Funds	*0*	*600,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	*1,361,792*	*618,750*	550,000	1,200,000	1,200,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	6,100,000
Add. 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: Total project reduced from $7.55 million in last year's plan to $6.1 million based on current projects underway and projected costs of future projects.

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 allocated and unallocated balances of $1.98 million will be combined with requested FY 2014 funding of $2.15 million to mitigate damages caused by Tropical Storm Lee. Projects scheduled for construction in FY 2015 include: Cameron Run Weirs #2, #3, #4, and #5 repairs; Backlick Run S-Curve repairs; Backlick Run Flume Outlet repairs. These projects are 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.

City's Strategic Plan & City Manager's Performance Plan

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.

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-Total Maximum Daily Load (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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	800,000	*800,000*											0
Financing Plan													
Cash Capital	10,200,000	*800,000*	0	0	400,000	500,000	500,000	1,000,000	1,000,000	1,750,000	1,750,000	2,500,000	9,400,000
General Obligation Bonds	12,000,000	*0*	0	0	0	0	0	2,000,000	2,000,000	1,750,000	1,750,000	4,500,000	12,000,000
Total Financing Plan	22,200,000	*800,000*	0	0	400,000	500,000	500,000	3,000,000	3,000,000	3,500,000	3,500,000	7,000,000	21,400,000
Add. Operating Impact													
Annual Impact			0	0	0	0	50,000	50,000	100,000	150,000	150,000	150,000	650,000
Cumulative Impact			0	0	0	0	50,000	100,000	200,000	350,000	500,000	650,000	650,000

Changes from Prior Year CIP: Planned funding in FY 2015 has been reprogrammed to support the Lake Cook Stormwater Management project. Funding is added beginning FY 2017 for to be determined stormwater projects associated with the federally mandated infrastructure improvements. As specific projects are identified, funds will be shifted from this project to stand-alone projects like Lake Cook Stormwater.

Project Description & Justification

The Virginia Department of Conservation and Recreation (DCR) has imposed City-specific stormwater nutrient and sediment reduction targets for the Chesapeake Bay (C-Bay) Total Maximum Daily Load (TMDL) through the City's next Municipal Separate Storm Sewer System (MS4) Permit. DCR has issued new stormwater regulations that apply to all Virginia jurisdictions in the Cheaspeake Bay watershed. Accordingly, the new MS4 permit requires the City to implement practices sufficient to achieve 5% of the reduction targets during the first 5-year permit and 40% of reduction targets by the end of 10 years.

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 in working with engineers from the firms conducting the Chesapeake Bay TMDL Compliance Analysis and Options Study. Please note that funding request, 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 & City Manager's Performance Plan

Primary Strategic Plan Goal: Goal 2 – Health & Environment

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

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.

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 2014 – 2023 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 2023 – 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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*111,218*	*2,734,113*											0
Financing Plan													
Prior Year City & Stormwater Funding	*111,218*	*2,734,113*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*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	*111,218*	*2,734,113*	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,700,000
Add. 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 2015 reduced from $300,000 to $0 based on available project balances; no other changes from FY 2016 - 2023. Added funding for FY 2024.													

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.

The current allocated and unallocated project balance of $2.85 million 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 & City Manager's Performance Plan

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.

Current Storm Sewer Spot Improvement Projects

Project	Description	Status
N. Frazier Ave. / N. Frost Ave. / Lawrence Ave. Drainage System	Storm improvements along North Frazier, North Frost, and Lawrence Avenue. The existing drainage ditch has limited capacity and frequent ponding occurs.	Currently under design; Construction tentatively scheduled for FY 2015
DASH Facility Stormwater Outfall	This project includes storm sewer design and construction of a new storm sewer outfall through CSX railroad property which will provide an adequate outfall to the DASH facility to eliminate frequent flooding.	Currently under design; Construction tentatively scheduled for FY 2015
Route 1 Transitway Stormwater Collection System	Stormwater improvements along the Route 1 Transitway corridor, specifically the new construction of the Bus Rapid Transit (BRT) lanes	Currently under construction scheduled for completion in FY 2015
North Henry Street / Montgomery Street	Drainage improvements (along with sanitary sewer separation) along North Henry and Montgomery Streets	Currently under design; Construction tentatively scheduled for FY 2016

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	2,400,000	*0*	2,400,000	0	0	0	0	0	0	0	0	0	2,400,000
Financing Plan													
Cash Capital	600,000	*0*	600,000	0	0	0	0	0	0	0	0	0	600,000
General Obligation Bonds	600,000	*0*	600,000	0	0	0	0	0	0	0	0	0	600,000
Stormwater Local Assistance Fund	1,200,000	*0*	1,200,000	0	0	0	0	0	0	0	0	0	1,200,000
Total Financing Plan	2,400,000	*0*	2,400,000	0	0	0	0	0	0	0	0	0	2,400,000
Add. 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: New project for FY 2015. Funding previously planned in the MS4-TMDL Compliance Water Quality Improvements project ($800,000) has been shifted to this project in FY 2015. An additional $400,000 are added to leverage a $1.2 million State Stormwater Local Assistance Fund grant.

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 10 years (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, leveraged by $1.2 million in City funds. 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 & City Manager's Performance Plan

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 2017, 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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	3,500,000	*0*	0	0	500,000	1,500,000	1,500,000	0	0	0	0	0	3,500,000
Financing Plan													
Cash Capital	1,250,000	*0*	0	0	250,000	500,000	500,000	0	0	0	0	0	1,250,000
General Obligation Bonds	2,250,000	*0*	0	0	250,000	1,000,000	1,000,000	0	0	0	0	0	2,250,000
Total Financing Plan	3,500,000	*0*	0	0	500,000	1,500,000	1,500,000	0	0	0	0	0	3,500,000
Add. Operating Impact													
Annual Impact			0	0	0	0	67,500	135,000	139,050	143,222	147,518	151,944	784,233
Cumulative Impact			0	0	0	0	67,500	202,500	341,550	484,772	632,290	784,233	784,233

Changes from Prior Year CIP: New project added from FY 2017 - 2019 associated with federally mandated stormwater infrastructure improvements.

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 10 years (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.

A Cameron Station Pond Retrofit is expected to meet approximately 9% of the City's total pollution reduction requirements, making it a very cost effective strategy. 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 & City Manager's Performance Plan

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. FY 2019 is estimated at one-half year of operating.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,500,000	*0*	0	400,000	1,100,000	0	0	0	0	0	0	0	1,500,000
Financing Plan													
Cash Capital	500,000	*0*	0	200,000	300,000	0	0	0	0	0	0	0	500,000
General Obligation Bonds	1,000,000	*0*	0	200,000	800,000	0	0	0	0	0	0	0	1,000,000
Total Financing Plan	1,500,000	*0*	0	400,000	1,100,000	0	0	0	0	0	0	0	1,500,000
Add. 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: New project added from FY 2016 - 2017 associated with federally mandated stormwater infrastructure improvements.

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 proposed 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 years.

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
- 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 & City Manager's Performance Plan

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 2018, with a three percent annual inflation factor included each year thereafter.

OTHER REGIONAL CONTRIBUTIONS

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Other Regional Contributions
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Other Regional Contributions												
Northern Virginia Community College	*$0*	$331,630	$372,162	$375,884	$379,643	$383,439	$387,274	$391,146	$395,058	$399,008	$402,998	$3,818,242
Northern Virginia Regional Park Authority	*$0*	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$375,976	$3,759,760
Peumansend Creek Regional Jail	*$0*	$109,738	$104,085	$98,506	$0	$0	$0	$0	$0	$0	$0	$312,329
Other Regional Contributions Total	*$0*	$817,344	$852,223	$850,366	$755,619	$759,415	$763,250	$767,122	$771,034	$774,984	$778,974	$7,890,331

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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 Virgina Community College (NVCC)													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*71,832*	*0*	331,630	372,162	375,884	379,643	383,439	387,274	391,146	395,058	399,008	402,998	3,818,242
Financing Plan													
Prior City Funding	*71,832*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	331,630	372,162	375,884	379,643	383,439	387,274	391,146	395,058	399,008	402,998	3,818,242
Total Financing Plan	*71,832*	*0*	331,630	372,162	375,884	379,643	383,439	387,274	391,146	395,058	399,008	402,998	3,818,242
Add. 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: FY 2015 funding based on request submitted by NVCC based on updated population estimates. Per capita rate increases to $2.25 in FY 2015 and $2.50 in FY 2016 as requested by NVCC. Population growth estimated at 1% annually.

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 2015, the City's share of the regional subsidy to NVCC is $331,630, or 6.3% percent of the total local capital request of $5.23 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).

NVCC approached participating jurisdictions in the fall of 2009 regarding a request to gradually increase the per capita contribution by 25-cents each year through FY 2016. This will take the formula from $1.00 per capita (FY 2011) to $2.50 per capita (FY 2016). Last year, the City budgeted for an increase to $2.00 per capita. This year, the CIP continues the requested rate of growth in the City's contribution to $2.25 per capita. 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 & City Manager's Performance Plan

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.

Table A: Alexandria Contribution

City of Alexandria NVCC Contribution

Fiscal Year	[1]Population Estimate	Proposed Rate Per Capita	FY 2015-24 Proposed Contribution
2015	147,391	$ 2.25	$ 331,630
2016	148,865	$ 2.50	$ 372,162
2017	150,354	$ 2.50	$ 375,884
2018	151,857	$ 2.50	$ 379,643
2019	153,376	$ 2.50	$ 383,439
2020	154,909	$ 2.50	$ 387,274
2021	156,459	$ 2.50	$ 391,146
2022	158,023	$ 2.50	$ 395,058
2023	159,603	$ 2.50	$ 399,008
2024	161,199	$ 2.50	$ 402,998

[1]FY 2015 population figures are from the Weldon Cooper Center for Public Service (revised 1/25/2013). This is the most current data available. FY 2016 - FY 2024 assume 1% growth annually.

Table B: Regional Jurisdiction Contribution

Jurisdiction	Population Estimate	FY 2015 Proposed Rate	FY 2015 Proposed Contribution	Percent of Total Contribution
Alexandria City	147,391	$ 2.25	$ 331,630	6.34%
Arlington County	220,565	$ 2.25	$ 496,271	9.48%
Fairfax City	23,505	$ 2.25	$ 52,886	1.01%
Fairfax County	1,112,325	$ 2.25	$ 2,502,731	47.82%
Falls Church City	12,960	$ 2.25	$ 29,160	0.56%
Loudoun County	333,253	$ 2.25	$ 749,819	14.33%
Manassas City	39,902	$ 2.25	$ 89,780	1.72%
Manassas Park City	14,838	$ 2.25	$ 33,386	0.64%
Prince William County	421,164	$ 2.25	$ 947,619	18.11%
TOTAL	2,325,903	$ 2.25	$ 5,233,282	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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*92,713*	*0*	375,976	375,976	375,976	375,976	375,976	375,976	375,976	375,976	375,976	375,976	3,759,760
Financing Plan													
Prior City Funding	*92,713*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	375,976	375,976	375,976	375,976	375,976	375,976	375,976	375,976	375,976	375,976	3,759,760
Total Financing Plan	*92,713*	*0*	375,976	375,976	375,976	375,976	375,976	375,976	375,976	375,976	375,976	375,976	3,759,760
Add. 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: Increase of $5,122 over last year's CIP in FY 2015 based on updated population estimates as related to Alexandria's share of total NVRPA capital costs.

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 2013 NVRPA capital budget total, the City's share is $375,976.

For FY 2015, the NVRPA Board decided to keep the per capita rate that same as FY 2014, 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 & City Manager's Performance Plan

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 $275,494 is included as part of the FY 2015 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.

Chart A: Regional Jurisdiction Contribution

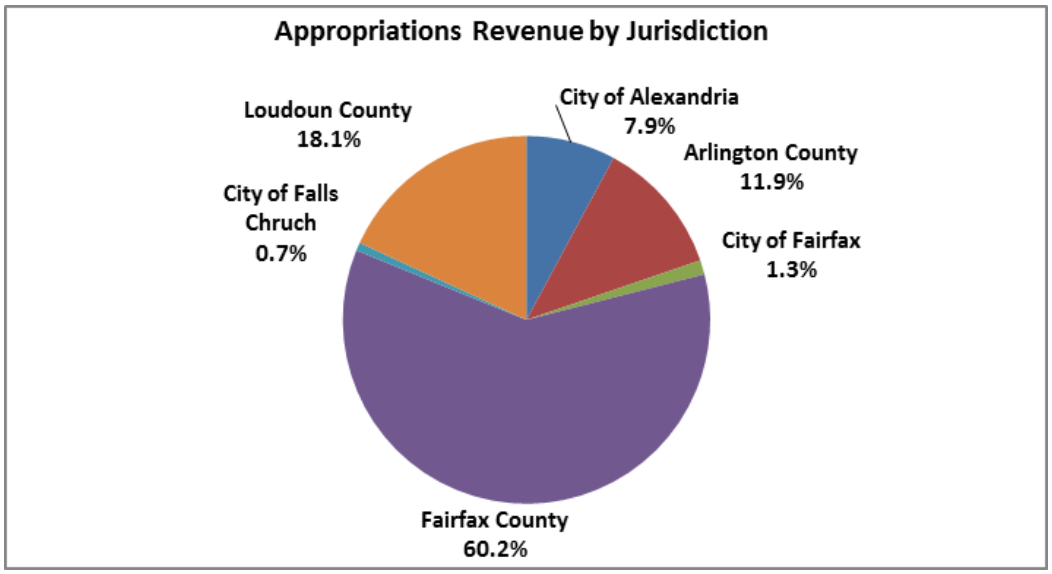

Table B: Regional Jurisdiction Contribution

	[1]2012 Estimated Population	[1]Per Capita Cost	Percent of Total Pop.	FY 2014 Capital Request
City of Alexandria	146,294	$ 2.57	7.87%	$ 375,976
Arlington County	221,045	$ 2.57	11.89%	$ 568,086
City of Fairfax	23,461	$ 2.57	1.26%	$ 60,295
[2]Fairfax County	1,118,602	$ 2.57	60.16%	$ 3,000,000
Falls Church City	13,229	$ 2.57	0.71%	$ 33,999
Loudoun County	336,898	$ 2.57	18.12%	$ 865,828
Totals	1,859,529	$ 2.57	100.00%	$ 4,904,182

[1] For FY 2015, population figures are based on U.S. Census "Annual Estimates of the Resident Population for Counties of Virginia" as of July 2012, with a release date of April 2013. The Per Capita Cost remains unchanged from FY 2014.

[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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*59,182*	*0*	109,738	104,085	98,506	0	0	0	0	0	0	0	312,329
Financing Plan													
Prior City Funding	*59,182*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	109,738	104,085	98,506	0	0	0	0	0	0	0	312,329
Total Financing Plan	*59,182*	*0*	109,738	104,085	98,506	0	0	0	0	0	0	0	312,329
Add. 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. This is the City's share of debt service associated 1997 bond issuance.

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 2015, a debt service payment of $109,738 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 & City Manager's Performance Plan

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 2015 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
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Projects

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
IT Plan												
Public Access Development												
Electronic Government	*$317,340*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Customer Relationship Management System	*$100,000*	$0	$580,000	$100,000	$50,000	$25,000	$25,000	$100,000	$25,000	$25,000	$25,000	$955,000
Document Management												
Document Imaging	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Financial Systems												
Real Estate Assessment System (CAMA)	*$0*	$0	$0	$0	$30,000	$600,000	$200,000	$0	$0	$0	$0	$830,000
Enterprise Resource Planning System	*$500,000*	$75,000	$100,000	$100,000	$100,000	$100,000	$100,000	$0	$0	$0	$0	$575,000
Business Tax System/Reciprocity Contractor System	*$149,000*	$0	$0	$90,000	$0	$0	$0	$100,000	$382,000	$0	$0	$572,000
Real Estate Account Receivable System	*$0*	$0	$0	$325,000	$60,000	$0	$0	$0	$120,000	$0	$0	$505,000
Personal Property Tax System	*$100,000*	$0	$0	$90,000	$460,000	$0	$0	$0	$0	$60,000	$280,000	$890,000
Finance Payment Kiosk	*$10,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Handheld Data Collection Devices	*$25,000*	$0	$0	$0	$25,000	$0	$0	$0	$0	$0	$0	$25,000
Employee Pension Administration System	*$0*	$0	$0	$0	$300,000	$50,000	$0	$0	$0	$175,000	$25,000	$550,000
Purchasing System Upgrade	*$15,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Phone, Web, Portable Device Payment Portals	*$0*	$0	$560,000	$160,000	$0	$0	$340,000	$0	$0	$0	$0	$1,060,000
Geographic Information Systems												
GIS Development	*$70,000*	$230,000	$160,000	$190,000	$0	$100,000	$0	$0	$0	$0	$0	$680,000
Public Safety Systems												
AJIS Enhancements	*$151,000*	$131,000	$73,000	$40,000	$40,000	$40,000	$150,000	$0	$0	$0	$0	$474,000
Fire Records Management Project	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
EMS Records Management System	*$21,500*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Computer Aided Dispatch (CAD) System Replacement	*$3,000,000*	$230,000	$366,000	$635,000	$315,000	$1,411,000	$265,000	$0	$0	$0	$0	$3,222,000
Fire Radios	*$0*	$394,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$394,000
Remote Radio Technology	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Radio Network Upgrade	*$61,237*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Other System Development Projects												
Permit Processing	*$905,600*	$1,700,000	$29,000	$0	$0	$0	$0	$0	$0	$0	$0	$1,729,000
DCHS HIPAA Data Security Compliance	*$0*	$0	$25,000	$25,000	$25,000	$30,000	$30,000	$0	$0	$0	$0	$135,000
Enterprise Maintenance Mgmt System	*$117,000*	$0	$100,000	$130,000	$100,000	$40,000	$40,000	$40,000	$0	$0	$0	$450,000
DCHS Payment System Replacement	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Recreation Database System	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Information Technology
Proposed FY 2015 – 2024 Capital Improvement Program
Summary of Projects (Continued)

CIP Section/Subsection/Project	*Unallocated (2/14)*	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Network Services												
LAN/WAN Infrastructure	*$725,000*	$370,000	$260,000	$260,000	$260,000	$260,000	$260,000	$0	$0	$0	$0	$1,670,000
LAN Development	*$90,000*	$0	$15,000	$15,000	$25,000	$25,000	$25,000	$0	$0	$0	$0	$105,000
Enterprise Data Storage Infrastructure	*$300,000*	$150,000	$200,000	$400,000	$400,000	$300,000	$200,000	$0	$0	$0	$0	$1,650,000
Upgrade Work Station Operating Systems	*$0*	$200,000	$150,000	$175,000	$200,000	$200,000	$200,000	$0	$0	$0	$0	$1,125,000
Network Server Infrastructure	*$300,000*	$300,000	$500,000	$400,000	$175,000	$175,000	$500,000	$0	$0	$0	$0	$2,050,000
Information Technology Equipment Replacement	*$0*	$200,000	$200,000	$200,000	$400,000	$620,000	$620,000	$0	$0	$0	$0	$2,240,000
Voice Over Internet Protocol	*$375,000*	$500,000	$450,000	$150,000	$350,000	$150,000	$150,000	$0	$0	$0	$0	$1,750,000
Network Security	*$0*	$200,000	$250,000	$225,000	$225,000	$225,000	$225,000	$0	$0	$0	$0	$1,350,000
Database Infrastructure	*$18,000*	$0	$40,000	$40,000	$40,000	$40,000	$40,000	$0	$0	$0	$0	$200,000
IT Enterprise Management System	*$0*	$0	$50,000	$150,000	$20,000	$20,000	$100,000	$0	$0	$0	$0	$340,000
Connectivity Initiatives	*$0*	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$450,000	$4,500,000
Ford Ward INET	*$40,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Email, Messaging, and Conferencing	*$75,000*	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Enterprise Collaboration (Including AlexStat Hardware & Software)	*$200,000*	$290,000	$40,000	$40,000	$40,000	$40,000	$40,000	$0	$0	$0	$0	$490,000
Municipal Fiber	*$0*	$50,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$50,000
Remote Access	*$0*	$0	$250,000	$150,000	$150,000	$150,000	$75,000	$75,000	$0	$0	$0	$850,000
Network Operations Center (NOC) Relocation	*$0*	$6,500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$6,500,000
Information Technology Lump Sum Funding	*$0*	$0	$0	$0	$0	$0	$500,000	$4,000,000	$4,000,000	$4,000,000	$4,000,000	$16,500,000
IT Plan Total	*$7,665,677*	$11,970,000	$4,848,000	$4,540,000	$4,240,000	$5,051,000	$4,535,000	$4,765,000	$4,977,000	$4,710,000	$4,780,000	$54,416,000

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

E-Government													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*95,823*	*317,340*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	*95,823*	*317,340*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	*95,823*	*317,340*	0	0	0	0	0	0	0	0	0	0	0
Add. 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 2015 - 2019 has been removed from this year's CIP. All E-Government projects will now be "stand-alone" project instead of rolled up into one annual pot of funding. E-Government projects include Customer Relationship Management and Phone, Web, Portable Device Payment portals. Prior year balances will be utilized to complete projects started in FY 2014 including City website enhancements.

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 wireless 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 2015. In FY 2016 and beyond, this project will be eliminated and stand-alone E-Government projects will be included as part of the CIP.

City's Strategic Plan & City Manager's Performance Plan

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*76,365*	*100,000*	0	580,000	100,000	50,000	25,000	25,000	100,000	25,000	25,000	25,000	955,000
Financing Plan													
Prior City Funding	*76,365*	*100,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	580,000	100,000	50,000	25,000	25,000	100,000	25,000	25,000	25,000	955,000
Total Financing Plan	*76,365*	*100,000*	0	580,000	100,000	50,000	25,000	25,000	100,000	25,000	25,000	25,000	955,000
Add. 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: Last year's CIP did not include any funding for this project after FY 2014. Funding is planned beginning in FY 2016 to acquire a Customer Relationship Management system. Funding provided in FY 2017 - 2024 is for system upgrades.

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 (CCC) which was implemented with funding from this project. The CRM includes a database system – the client software used by City staff to access the database – and a portal on the City's website (Call.Click.Connect) for use by external customers. City staff uses this system to enter requests made by phone, mail, or in person.

The CRM emphasizes ongoing relationships with customers, rather than isolated transactions. It provides for consistent, automatic assignment and scheduling of work; status updates for managers, call takers, workers, and customers; accountability and resources for call takers and assignees; reports to monitor response and resolution goals; integration with GIS for trend analysis; and a reduced burden on email systems.

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 will replace the existing CMMS with a dedicated CRM for use by all City departments. Functionality will include 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 and staff; and the public.

Strategic Plan & City Manager's Performance Plan

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	2,224,375	*2,224,375*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	2,224,375	*2,224,375*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	2,224,375	*2,224,375*	0	0	0	0	0	0	0	0	0	0	0
Add. 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. As of 02/2014, there is a $154,507 project balance.

Project Description & Justification

This project provides for 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 document imaging technology not been upgraded in more than 6 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 & City Manager's Performance Plan

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.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	830,000	*0*	0	0	0	30,000	600,000	200,000	0	0	0	0	830,000
Financing Plan													
General Obligation Bonds	0	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	830,000	*0*	0	0	0	30,000	600,000	200,000	0	0	0	0	830,000
Total Financing Plan	830,000	*0*	0	0	0	30,000	600,000	200,000	0	0	0	0	830,000
Add. 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: New project added for FY 2018 - 2020. Planned replacement of current Real Estate Assessment System.

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 & City Manager's Performance Plan

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 2020 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 2021 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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	4,225,000	*3,650,000*	75,000	100,000	100,000	100,000	100,000	100,000	0	0	0	0	575,000
Financing Plan													
Prior City Funding	3,650,000	*3,650,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	575,000	*0*	75,000	100,000	100,000	100,000	100,000	100,000	0	0	0	0	575,000
Total Financing Plan	4,225,000	*3,650,000*	75,000	100,000	100,000	100,000	100,000	100,000	0	0	0	0	575,000
Add. Operating Impact													
Annual Impact			147,000	151,410	155,952	160,631	165,450	170,413	175,526	180,791	186,215	191,802	1,685,190
Cumulative Impact			147,000	298,410	454,362	614,993	780,443	950,856	1,126,382	1,307,173	1,493,389	1,685,190	1,685,190

Changes from Prior Year CIP: Last year's CIP included $425,000 for require hardware and software upgrades. A total of $150,000 was added to this year's plan based on updated project system needs.

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 and 2 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. The City is realizing its anticipated return on investment on the modules that are now operational. Further returns on investment will be gained when the final two phases of the project are completed and are operational. Remaining modules include Contract Management, Asset Management, Training Management, Employee Self-Service and Vendor Self-Service.

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Strategic Plan & City Manager's Performance Plan

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

A full-time Enterprise Resource Project Manager for Human Resources will be added to the operating budget in FY 2015 at a cost of $147,000. Previous costs for hardware and software maintenance were included as part of the FY 2014 operating budget. The $147,000 represents the additional impact only, and is increased by inflation in FY 2016 and every year thereafter.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
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													
General Obligation Bonds	299,980	*299,980*	0	0	0	0	0	0	0	0	0	0	
Cash Capital	1,321,615	*749,615*	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
Add. Operating Impact													
Annual Impact			0	0	0	22,000	22,660	23,340	24,040	24,761	25,504	26,269	168,574
Cumulative Impact			0	0	0	22,000	44,660	68,000	92,040	116,801	142,305	168,574	168,574

Changes from Prior Year CIP: Last year's CIP did not include any funding for this project after FY 2014. Funding is now planned in FY 2017 for required system upgades and FY 2021 and FY 2022 for potential system replacement.

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 & City Manager's Performance Plan

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 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. Costs associated with a new system in FY 2022 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 Accounts Receivable System													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	505,000	*0*	0	0	325,000	60,000	0	0	0	120,000	0	0	505,000
Financing Plan													
General Obligation Bonds	0	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	505,000	*0*	0	0	325,000	60,000	0	0	0	120,000	0	0	505,000
Total Financing Plan	505,000	*0*	0	0	325,000	60,000	0	0	0	120,000	0	0	505,000
Add. Operating Impact													
Annual Impact			0	0	0	20,000	20,600	21,218	21,855	22,510	23,185	23,881	153,249
Cumulative Impact			0	0	0	20,000	40,600	61,818	83,673	106,183	129,368	153,249	153,249

Changes from Prior Year CIP: Last year's CIP did not include any funding for this project. Funding if provided in FY 2017 - 2018 for a new system or system update, and in FY 2022 for further system updates.

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 in the amount of $325,000 in FY 2017 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 is in the process of developing requirements study in order to issue a Request for Proposals (RFP) for the replacement system utilizing prior year project balances.

City's Strategic Plan & City Manager's Performance Plan

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. Costs associated with a new system in FY 2022 will be offset by decreased costs from maintaining the old system.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	990,000	*100,000*	0	0	90,000	460,000	0	0	0	0	60,000	280,000	890,000
Financing Plan													
General Obligation Bonds	0	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	990,000	*100,000*	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
Add. 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: Last year's CIP did not include any funding for this project after FY 2014. Funding is now planned in FY 2017 - 2018 to update the existing system.

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 2017 and FY 2018 in the amounts of $90,000 and $460,000 respectively will be used to update the system to a modern platform.

City's Strategic Plan & City Manager's Performance Plan

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 2019 includes costs for software and hardware maintenance of the updates. Annual inflation is factored in beginning FY 2020 and every year thereafter.

Finance Payment Kiosk

Document Subsection: Financial Systems
Managing Department: Finance Department
Supporting Department(s): N/A
ORG: 55212083

Project Location: City of Alexandria – Finance Dept.
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies

Finance Payment Kiosks													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	50,000	*50,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	50,000	*50,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	50,000	*50,000*	0	0	0	0	0	0	0	0	0	0	0
Add. 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. As of 02/2014, there is a $50,000 project balance.

Project Description & Justification

This project funds the installation of self-service payment kiosks, which will allow citizens the ability to transact City business in remote locations around the City.

While many tax payments can be made online or through the mail, some tax related transactions still require a visit to City hall. A prior year project balance of $50,000 is available when additional kiosks are deployed. No additional funding has been provided for kiosk implementations at this time.

City's Strategic Plan & City Manager's Performance Plan

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.

Handheld Data Collection Devices

Document Subsection: Financial Systems
Managing Department: Real Estate Assessments
Supporting Department(s): Finance Department and Information Technology Services
ORG: TBD

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies

Handheld Data Collection Devices (Real Estate Assessment)													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	25,000	*0*	0	0	0	25,000	0	0	0	0	0	0	25,000
Financing Plan													
Cash Capital	25,000	*0*	0	0	0	25,000	0	0	0	0	0	0	25,000
Total Financing Plan	25,000	*0*	0	0	0	25,000	0	0	0	0	0	0	25,000
Add. 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: Prior year (FY 2013) funding of $25,000 has been removed from this project and reprogrammed for other City projects. Currently technology is sufficient for real estate assement field data collection. Funding in FY 2018 has been added to replace existing technology.

Project Description & Justification

This project procures 11 handheld devices to be used by Real Estate Assessments appraisers in the field. These devices will allow the City's appraisers to access the City's Computer Assisted Mass Appraisal (CAMA) and GIS systems remotely, and to update property information. Funds in the amount of $25,000 are programmed in FY 2018 which aligns with the timeframe when the legacy (CAMA) system will be reviewed for replacement.

This project will enhance Real Estate Assessments' staff productivity by improving the efficiency and accuracy of field work. This ultimately will allow the City's appraisers to visit more properties, and to capture additional new growth.

City's Strategic Plan & City Manager's Performance Plan

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

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

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Employee Pension Administration System

Document Subsection: Financial Systems
Managing Department: Finance Department
Supporting Department(s): Information Technology Services
ORG: NEW

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	550,000	*0*	0	0	0	300,000	50,000	0	0	0	175,000	25,000	550,000
Financing Plan													
Cash Capital	550,000	*0*	0	0	0	300,000	50,000	0	0	0	175,000	25,000	550,000
Total Financing Plan	550,000	*0*	0	0	0	300,000	50,000	0	0	0	175,000	25,000	550,000
Add. Operating Impact													
Annual Impact			0	0	0	0	(250,000)	(200,000)	(150,000)	(50,000)	0	0	(650,000)
Cumulative Impact			0	0	0	0	(250,000)	(450,000)	(600,000)	(650,000)	(650,000)	(650,000)	(650,000)

Changes from Prior Year CIP: New project added beginning FY 2018.

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 & City Manager's Performance Plan

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 supporting 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: NEW

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,060,000	*0*	0	560,000	160,000	0	0	340,000	0	0	0	0	1,060,000
Financing Plan													
Cash Capital	1,060,000	*0*	0	560,000	160,000	0	0	340,000	0	0	0	0	1,060,000
Total Financing Plan	1,060,000	*0*	0	560,000	160,000	0	0	340,000	0	0	0	0	1,060,000
Add. 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 beginning FY 2016 to provide customers with additional payment methods.

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.

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City's Strategic Plan & City Manager's Performance Plan

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

Geographic Information Services (GIS) Development													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*0*	*70,000*	230,000	160,000	190,000	0	100,000	0	0	0	0	0	680,000
Financing Plan													
Prior City Funding	*184,925*	*70,000*	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	*0*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	230,000	160,000	190,000	0	100,000	0	0	0	0	0	680,000
Total Financing Plan	*184,925*	*70,000*	230,000	160,000	190,000	0	100,000	0	0	0	0	0	680,000
Add. 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: Slight decrease in planned funding from FY 2015 - 2019 from, $720,000 to $680,000 based on revised request from department based on updated annual needs.

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.

In FY 2012, a GIS Strategic Plan was produced to ensure resources are aligned with GIS priorities over the next 5 years.

Funds programmed in the amount of $230,000 for FY 2015 will support several projects including walkability and parking studies, Mobile GIS implementation, and biennial map updates. Funds in the amount of $160,000 in FY 2016 will support program and facilities location selection and Automated Vehicle Location (AVL). Funds programmed in the amount of $190,000 in FY 2017 will support Secure Sharing of Analytical Data, Document Storage and Retrieval, and Biennial orthophotography and planimetric base mapping updates.

Funds in the remaining years of the plan will support the ongoing function of GIS in the City. Additional resources may be requested in as GIS Strategic Plan objectives are completed and new ones are initiated.

City's Strategic Plan & City Manager's Performance Plan

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
Project Location: City of Alexandria – Circuit Court
Managing Department: Circuit Court Judges' Chambers
Reporting Area: N/A
Supporting Department(s): Circuit Court Clerk's Office and Information Technology Services
Project Category: IT Plan
ORG: 55211964
Estimated Useful Life: Varies Based on Applications

Alexandria Justice Information System (AJIS) Enchancements													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*69,054*	*151,000*	131,000	73,000	40,000	40,000	40,000	150,000	0	0	0	0	474,000
Financing Plan													
Prior City Funding	*69,054*	*151,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	131,000	73,000	40,000	40,000	40,000	150,000	0	0	0	0	474,000
Total Financing Plan	*69,054*	*151,000*	131,000	73,000	40,000	40,000	40,000	150,000	0	0	0	0	474,000
Add. 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: Last year's CIP did not include any funding for this project after FY 2014. To ensure hardware and software updates are made assoicated with maintaining the AJIS, a total of $474,000 has been added to the CIP.

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.

Funds in the amount of $131,000 in FY 2015 will be used for programming a new fiduciary model. These funds will also allow for additional AJIS enhancements including acquiring new imaging licenses and software to scan case documents into AJIS.

Currently, AJIS subscribers are limited to the use of a single Internet browser. FY 2015 funding will be used to make the necessary changes so that AJIS can be accessible to subscribers using multiple Internet browsers. Funds programmed in the amount of $73,000 in FY 2016 will be used for implementing electronic signatures. Funds in the remaining years of the plan will support the ongoing function of AJIS in the City. Additional funds may be requested in those years as new needs are identified.

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 & City Manager's Performance Plan

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.

Fire Records Management Project

Document Subsection: Public Safety Systems
Managing Department: Department of Emergency Communications and Fire Department
Supporting Department(s): Information Technology Services
ORG: 55211952

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 5-7 years

Fire Records Management Project													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	484,811	*484,811*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	484,811	*484,811*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	484,811	*484,811*	0	0	0	0	0	0	0	0	0	0	0
Add. 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. As of 02/2014, there is a $63,157 project balance.

Project Description & Justification

This project provides for the phased replacement, enhancement, and integration of the City's mission-critical Fire and EMS computer-aided dispatch and records management system. The project supports the technology needs of our essential public safety systems, including computers and ancillary equipment, computer-aided dispatch software and servers, and their interface to both Fire Department and external systems such as the regional CAD-to-CAD initiative.

This project will be discontinued when the new CAD/RMS system is fully implemented. Operating costs will be budgeted in the Department of Emergency Communications' budget. There are no changes in this project from the prior fiscal year.

City's Strategic Plan & City Manager's Performance Plan

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.

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	193,500	*193,500*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	193,500	*193,500*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	193,500	*193,500*	0	0	0	0	0	0	0	0	0	0	0
Add. 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. As of 02/2014, there is a $32,645 project balance.

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.

This project will be discontinued when the new CAD/RMS system is fully implemented. Operating costs will be budgeted in the Department of Emergency Communications' budget. There are no changes in this project from the prior fiscal year.

City's Strategic Plan & City Manager's Performance Plan

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													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	18,222,000	*15,000,000*	230,000	366,000	635,000	315,000	1,411,000	265,000	0	0	0	0	3,222,000
Financing Plan													
Prior City Funding	15,000,000	*15,000,000*	0	0	0	0	0	0	0	0	0	0	
Cash Capital	3,222,000	*0*	230,000	366,000	635,000	315,000	1,411,000	265,000	0	0	0	0	3,222,000
Total Financing Plan	18,222,000	*15,000,000*	230,000	366,000	635,000	315,000	1,411,000	265,000	0	0	0	0	3,222,000
Add. Operating Impact													
Annual Impact			426,495	1,025,000	1,435,000	1,323,000	1,418,000	1,505,000	1,394,000	1,419,000	1,580,000	1,544,000	13,069,495
Cumulative Impact			426,495	1,451,495	2,886,495	4,209,495	5,627,495	7,132,495	8,526,495	9,945,495	11,525,495	13,069,495	13,069,495

Changes from Prior Year CIP: Last year's CIP included a total of $2.11 million for the required periodic replacement of equipment that will support the CAD, Records Management, Fire Station Alerting and other system hardware and software components. A more thorough analysis indicated that total costs through FY 2020 for support of this project total $3.22 million.

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 System (RMS). The RMS housing historical data is used to provide critical information to support tactical decisions on the scene. This tight integration 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 with TriTech in January 2013 and project will be finalized in the fall of 2014. AFD will upgrade their RMS utilizing the current support vendor while the new APD RMS will be implemented under a separate contract with Intergraph. The City kicked off the APD RMS replacement project in November 2013. That project is scheduled for an 18-month implementation ending in the summer of 2015.

There are several elements to what is being budgeted in this project. Equipment that must be replaced due to normal wear-and-tear (workstations, monitors, servers, switches) and items relating to data storage requirements (data domain expansion, and storage area network (SAN) storage disks and arrays) 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 & City Manager's Performance Plan

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 2015 includes conversion of two GIS positions paid for in the capital budget which will be converted to FTEs in January 2015; two new DEC and one new Fire position for system administration; and one reclassification of an existing police position ($426,495). In FY 2016 and beyond, hardware and software maintenance agreements are budgeted along with position costs adjusted annually for inflation.

Fire Radios

Document Subsection: Public Safety Systems
Managing Department: Fire Department
Supporting Department(s): Department of Emergency Communications
ORG: 55211951

Project Location: City of Alexandria – Fire Dept.
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 5-8 years

Fire Radios													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,244,000	*850,000*	394,000	0	0	0	0	0	0	0	0	0	394,000
Financing Plan													
Cash Capital	1,244,000	*850,000*	394,000	0	0	0	0	0	0	0	0	0	394,000
Total Financing Plan	1,244,000	*850,000*	394,000	0	0	0	0	0	0	0	0	0	394,000
Add. Operating Impact													
Annual Impact			0	46,600	47,998	49,438	50,921	52,449	54,022	55,643	57,312	59,031	473,414
Cumulative Impact			0	46,600	94,598	144,036	194,957	247,406	301,428	357,071	414,383	473,414	473,414

Changes from Prior Year CIP: New funding added in FY 2015 to complete planned radio purchase and provided for needed software upgrades.

Project Description & Justification

This project provides funds for the Fire Department's purchase of 170 ruggedized Motorola ergonomic radios over three fiscal years (FY 2013 – FY 2015).

Funds in the amount of $30,000 were provided in FY 2012 to allow the Fire Department to do a pilot test with an initial purchase of four radios. A recommendation to seek funding to purchase additional radios was made based on this pilot program. Additional funding of $425,000 was provided in both FY 2013 and FY 2014 for purchases.

The Fire Department has purchased 140 radios to date, which are scheduled to be deployed in the spring of 2014 once programming and training are complete.

The new radios are designed for firefighters who are subjected to Immediate Danger to Life and Health (IDLH) environments. They are ergonomically designed for rescuers who must use the radios while in protective clothing.

City's Strategic Plan & City Manager's Performance Plan

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 government is accountable to the community

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Additional operating costs are budgeted beginning in FY 2015 for software maintenance cost increases and the replacement of six radios annually due to damage. Software maintenance costs are increased annually for inflation.

Remote Radio Technology

Document Subsection: Public Safety Systems
Managing Department: Sheriff's Office
Supporting Department(s): Information Technology Services
ORG: 55212189

Project Location: City of Alexandria – Sheriff's Office
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 10 years

Remote Radio Technology													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	24,000	*24,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	24,000	*24,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	24,000	*24,000*	0	0	0	0	0	0	0	0	0	0	0
Add. 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. As of 02/2014, all funds have been encumbered for this project.

Project Description & Justification

This project funds a pilot program by the Sheriff's Office to expand radio communication capability by allowing radio transmissions to be received on staff mobile devices, laptops, and desktop computers. The technology allows for encrypted real time "push-to-talk" communications capability across Wi-Fi or wireless data networks anywhere in the world.

This technology can enhance the safety of Deputy Sheriffs when transporting prisoners outside of radio communications coverage areas. It will allow Deputies to remain connected in real time to, the Sheriff's Office, and City law enforcement communication channels. As of January 2014, the Sheriff's Office is finalizing the procurement of equipment so that the installations can start later this year. This project is currently not funded beyond FY 2015.

City's Strategic Plan & City Manager's Performance Plan

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure & Just Community

- Reduce harm to people or property from disasters

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.

Radio Network Upgrade

Document Subsection: Public Safety Systems
Managing Department: Department of Emergency Communications
Supporting Department(s): Police Department, Fire Department
ORG: 55212302

Project Location: City of Alexandria - DEC
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: 8 -10 years

Radio Network Upgrade													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	61,237	*61,237*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	61,237	*61,237*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	61,237	*61,237*	0	0	0	0	0	0	0	0	0	0	0
Add. 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. As of 02/2014, there is a $61,237 project balance.

Project Description & Justification

This project funds upgrading multiplex cards for the City's radio system. The current multiplex cards have not been updated in 6 years and have reached the end of their life cycle. Upgrading this equipment will provide greater reliability and longevity to the public safety radio system.

The Department of Emergency Communications (DEC) has requested quotations from vendors for the multiplex cards, and will execute a purchase order to the selected vendor once this is finalized. It is anticipated that the purchase order will be issued in the spring of 2014 and the work will begin later this year to be completed by the end of the calendar year.

City's Strategic Plan & City Manager's Performance Plan

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 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.

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 System													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,729,000	*0*	1,700,000	29,000	0	0	0	0	0	0	0	0	1,729,000
Financing Plan													
Cash Capital	405,600	*405,600*	0	0	0	0	0	0	0	0	0	0	0
Transfer from Code Fund	2,229,000	*500,000*	1,700,000	29,000	0	0	0	0	0	0	0	0	1,729,000
Total Financing Plan	2,634,600	*905,600*	1,700,000	29,000	0	0	0	0	0	0	0	0	1,729,000
Add. Operating Impact													
Annual Impact			100,000	103,000	106,090	109,273	112,551	115,927	119,405	122,987	126,677	130,477	1,146,388
Cumulative Impact			100,000	203,000	309,090	418,363	530,914	646,841	766,246	889,234	1,015,911	1,146,388	1,146,388

Changes from Prior Year CIP: Planned costs in FY 2015 increased from $1.2 to $1.7 million based on more detailed scope of work and system requirements. All funding in FY 2015 planned from the Code Fund.

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 and 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 issued a Request for Proposals (RFP) to engage a services vendor to assist in developing a multi-agency Needs Assessment and a System Requirements document. This initiative began in November 2013 and will be finalized in the spring of 2014. The City will utilize the deliverables from the consultant services engagement to assist in procuring a suitable new permitting solution.

Funds in the amount of $1.7 million in FY 2015 are included to replace the City's existing permitting system.

City's Strategic Plan & City Manager's Performance Plan

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 in FY 2015 include hardware and software annual maintenance agreements, as well as staff support to for the new system ($100,000). Costs are increased by inflation in FY 2016 and every year thereafter.

DCHS HIPAA Data Security Compliance

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

DCHS HIPAA Data Security Compliance													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*112,199*	*0*	0	25,000	25,000	25,000	30,000	30,000	0	0	0	0	135,000
Financing Plan													
Prior City Funding	*112,199*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	25,000	25,000	25,000	30,000	30,000	0	0	0	0	135,000
Total Financing Plan	*112,199*	*0*	0	25,000	25,000	25,000	30,000	30,000	0	0	0	0	135,000
Add. Operating Impact													
Annual Impact			0	20,500	21,115	21,748	22,401	23,073	23,765	24,478	25,212	25,969	208,262
Cumulative Impact			0	20,500	41,615	63,363	85,764	108,837	132,602	157,080	182,293	208,262	208,262

Changes from Prior Year CIP: Last year's CIP did not include any funding for this project after FY 2014. Additional funding added back beginning FY 2016 for required system hardware and software updates.

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 also funds the hardware and software enhancements for the medical records management system (Cerner/Anasazi). In CY 2013 the Doctor's Home Page was implemented which includes an e-prescribing feature to allow prescriptions to be submitted electronically to pharmacies. Future enhancements to the medical records system include ICD10 which is a federally mandated update to the diagnostic codes used by all medical records practitioners which must be implemented no later than October 1, 2014; DSM5 is the new module for determining the diagnostic codes and replacing the current DSM4. Costs for the ICD10 and DSM5 are actively being updated by the vendor (Cerner) but these have not been made available as of yet.

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 & City Manager's Performance Plan

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.

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 Management System													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*56,276*	*117,000*	0	100,000	130,000	100,000	40,000	40,000	40,000	0	0	0	450,000
Financing Plan													
Prior City Funding	*56,276*	*117,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	100,000	130,000	100,000	40,000	40,000	40,000	0	0	0	450,000
Total Financing Plan	*56,276*	*117,000*	0	100,000	130,000	100,000	40,000	40,000	40,000	0	0	0	450,000
Add. 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: Last year's CIP did not include any funding for this project after FY 2014. Annual funding has been added beginning FY 2016 to support the continued development of the capabilities of Cityworks, the City's enterprise computerized maintenance management system (CMMS).

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 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 & City Manager's Performance Plan

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.

DCHS Payment System Replacement

Document Subsection: Other System Development Projects
Managing Department: Department of Community and Human Services
Supporting Department(s): Information Technology Services
ORG: 55211889

Project Location: City of Alexandria - DCHS
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies N/A

DCHS Payment System Replacement													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	422,500	*422,500*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	422,500	*422,500*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	422,500	*422,500*	0	0	0	0	0	0	0	0	0	0	0
Add. 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. As of 02/2014, there is a $82,521 project balance.

Project Description & Justification

The DCHS Payment System is a web-based information management framework designed for human services agencies that provide or manage a wide array of programs and services. 'Web Harmony' is the case management/payment system for CSA, CWS, Auxiliary Grants, Companion Services, JobLink Training, Emergency Assistance and Customer Call Center customer tracking, It is the main customer database for social services.

With the exception of cases in TANF, Medicaid, and SNAP, DCHS customers are generally managed in either Web Harmony or Anasazi. Because customers cross the lines of the department's centers, staff from each of the centers should be able to access Web Harmony to share case management information. In order to provide more staff the ability to use the Web Harmony application, additional users will need to be added and funds will be requested in the future for these additional licenses as anticipated.

City's Strategic Plan & City Manager's Performance Plan

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

An additional impact to the operating budget is not anticipated.

Recreation Database System

Document Subsection: Other System Development Projects
Managing Department: Recreation Parks and Cultural Activities
Supporting Department(s): Information Technology Services
ORG: 55212152

Project Location: City of Alexandria - RPCA
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies

Recreation Database System													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	50,000	*50,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	50,000	*50,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	50,000	*50,000*	0	0	0	0	0	0	0	0	0	0	0
Add. 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. As of 02/2014, there is a $24,149 balance in this project.

Project Description & Justification

This project funds the continued development of the capabilities of the Department of Recreation, Parks and Cultural Activities (RPCA)'s registration management system, a computerized program and activity registration system. The system handles league scheduling, facility room reservations, park rentals, class registration, and financial tracking. Funding will be utilized to expand web applications, replace hardware, and develop customized reporting.

Funding was provided to make updates to the legacy system. No additional funding was approved in last year's plan. There are no changes in this project from the prior fiscal year.

City's Strategic Plan & City Manager's Performance Plan

Primary Strategic Plan Goal – Goal 2: Health & Environment

Focus Area: Healthy & Thriving Residents

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

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/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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*240,135*	*725,000*	370,000	260,000	260,000	260,000	260,000	260,000	0	0	0	0	1,670,000
Financing Plan													
Prior City Funding	*240,135*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*475,000*	0	0	0	0	260,000	260,000	0	0	0	0	520,000
Comcast Revenues	*0*	*250,000*	370,000	260,000	260,000	260,000	0	0	0	0	0	0	1,150,000
Total Financing Plan	*240,135*	*725,000*	370,000	260,000	260,000	260,000	260,000	260,000	0	0	0	0	1,670,000
Add. 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: The prior year CIP included $1.205 million in funding from FY 2015 - 2019. An additional $465,000 was added including $260,000 in FY 2020 to account for updated infrastructure needs.

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 also 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 the amount of $370,000 for FY 2015 and $260,000 in FY 2016 will be used for the acquisition and/or replacement of network equipment and for network consulting services.

City's Strategic Plan & City Manager's Performance Plan

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*41,871*	*90,000*	0	15,000	15,000	25,000	25,000	25,000	0	0	0	0	105,000
Financing Plan													
Cash Capital	*41,871*	*90,000*	0	15,000	15,000	25,000	25,000	25,000	0	0	0	0	105,000
Total Financing Plan	*41,871*	*90,000*	0	15,000	15,000	25,000	25,000	25,000	0	0	0	0	105,000
Add. 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: Last year's CIP did not include any funding for this project after FY 2014. Funding was added back beginning FY 2016 based on future development needs.

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 & City Manager's Performance Plan

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*286,603*	*300,000*	150,000	200,000	400,000	400,000	300,000	200,000	0	0	0	0	1,650,000
Financing Plan													
Prior Funding (City + Comcast)	*286,603*	*300,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	0	0	0	300,000	200,000	0	0	0	0	500,000
Comcast Revenues	*0*	*0*	150,000	200,000	400,000	400,000	0	0	0	0	0	0	1,150,000
Total Financing Plan	*286,603*	*300,000*	150,000	200,000	400,000	400,000	300,000	200,000	0	0	0	0	1,650,000
Add. 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: Last year's CIP did not include any funding for this project after FY 2014, except for $144,000 in FY 2019. Annual funding is provided through both Comcast revenues and City funds to maintain and upgrade the back end data storage required for the virtual infrastructure and data backups.

Project Description & Justification

This project provides funding to maintain and upgrade the back end 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 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.

Funds in the amount of $150,000 in FY 2015 and $200,000 in FY 2016 will be used for Storage Area Network (SAN) software and hardware upgrades.

City's Strategic Plan & City Manager's Performance Plan

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 2016 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 Systems													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*191,179*	*0*	200,000	150,000	175,000	200,000	200,000	200,000	0	0	0	0	1,125,000
Financing Plan													
Prior City Funding	*191,179*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	200,000	150,000	175,000	200,000	200,000	200,000	0	0	0	0	1,125,000
Total Financing Plan	*191,179*	*0*	200,000	150,000	175,000	200,000	200,000	200,000	0	0	0	0	1,125,000
Add. 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 total of $1.0 million was planned from FY 2015 - 2019 in last year's CIP. Based on projected needs, the planned costs were reduced by $75,000 from FY 2015 - 2019. A total of $200,000 was added for FY 2020.

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.

Funds in the amount of $200,000 in FY 2015 and $150,000 in FY 2016 will be used for operating system component upgrades and implementation services, Windows 8 devices, enterprise operating system image services, and mobile device compatibility.

City's Strategic Plan & City Manager's Performance Plan

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*88,824*	*0*	300,000	500,000	400,000	175,000	175,000	500,000	0	0	0	0	2,050,000
Financing Plan													
Prior Funding (City + Comcast)	*88,824*	*300,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	360,000	400,000	175,000	175,000	500,000	0	0	0	0	1,610,000
Comcast Revenues	*0*	*0*	300,000	140,000	0	0	0	0	0	0	0	0	440,000
Total Financing Plan	*88,824*	*300,000*	300,000	500,000	400,000	175,000	175,000	500,000	0	0	0	0	2,050,000
Add. 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 total of $1.55 million was planned from FY 2015 - 2019 in last year's CIP, with no change in this year's plan. A total of $500,000 was added in FY 2020.

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 the amount of $300,000 in FY 2015 and $500,000 in FY 2016 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 2019.

City's Strategic Plan & City Manager's Performance Plan

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	43,168	*0*	200,000	200,000	200,000	400,000	620,000	620,000	0	0	0	0	2,240,000
Financing Plan													
Cash Capital	43,168	*0*	200,000	200,000	200,000	400,000	620,000	620,000	0	0	0	0	2,240,000
Total Financing Plan	43,168	*0*	200,000	200,000	200,000	400,000	620,000	620,000	0	0	0	0	2,240,000
Add. 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 total of $1.0 million was planned from FY 2015 - 2019 in last year's CIP. Based on projected needs, the planned costs were increased by $620,000 from FY 2015 - 2019. A total of $620,000 was added in FY 2020.

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.

Funds in the amount of $200,000 in both FY 2015 and FY 2016 will be used for computer equipment and related components and implementation services for computer deployments. This project has additional funds programmed in the out years of this year's plan which reflects updated estimates on upgrade costs 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 & City Manager's Performance Plan

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*0*	*0*	500,000	450,000	150,000	350,000	150,000	150,000	0	0	0	0	1,750,000
Financing Plan													
Prior Funding (City + Comcast)	*169,494*	*375,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	450,000	150,000	350,000	150,000	150,000	0	0	0	0	1,250,000
Comcast Revenues	*0*	*0*	500,000	0	0	0	0	0	0	0	0	0	500,000
Total Financing Plan	*169,494*	*375,000*	500,000	450,000	150,000	350,000	150,000	150,000	0	0	0	0	1,750,000
Add. Operating Impact													
Annual Impact			0	30,000	30,900	31,827	32,782	33,765	34,778	35,822	36,896	38,003	304,773
Cumulative Impact			0	30,000	60,900	92,727	125,509	159,274	194,052	229,874	266,770	304,773	304,773

Changes from Prior Year CIP: A total of $1.3 million was planned from FY 2015 - 2019 in last year's CIP. Based on projected needs, the planned costs were increased by $250,000 from FY 2015 - 2019. A total of $150,000 was added for FY 2020.

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 4 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.

$500,000 funded in FY 2015 will be used for a VoIP core upgrade. Funds in the amount of $450,000 in FY 2016 will be used to upgrade the modular messaging voicemail system.

Additional 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 & City Manager's Performance Plan

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. Beginning FY 2016, inflation is added 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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*0*	*0*	200,000	250,000	225,000	225,000	225,000	225,000	0	0	0	0	1,350,000
Financing Plan													
Prior Funding (City + Comcast)	*388,779*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	0	35,000	35,000	225,000	225,000	0	0	0	0	520,000
Comcast Revenues	*0*	*0*	200,000	250,000	190,000	190,000	0	0	0	0	0	0	830,000
Total Financing Plan	*388,779*	*0*	200,000	250,000	225,000	225,000	225,000	225,000	0	0	0	0	1,350,000
Add. 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 total of $715,000 was planned from FY 2015 - 2019 in last year's CIP. Based on projected needs, the planned costs were increased by $410,000 from FY 2015 - 2019. A total of $225,000 was added for FY 2020.

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 which requires capital investment for hardware, software, and professional services.

Funds in the amount of $200,000 in FY 2015 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 & City Manager's Performance Plan

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*190,947*	*18,000*	0	40,000	40,000	40,000	40,000	40,000	0	0	0	0	200,000
Financing Plan													
Prior City Funding	*190,947*	*18,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	40,000	40,000	40,000	40,000	40,000	0	0	0	0	200,000
Total Financing Plan	*190,947*	*18,000*	0	40,000	40,000	40,000	40,000	40,000	0	0	0	0	200,000
Add. 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 $40,000 in FY 2015 reduced to $0 based on available project balances.

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.

Funds are programmed in the amount of $40,000 starting in FY 2016 through FY 2020.

City's Strategic Plan & City Manager's Performance Plan

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

Information Technology Enterprise Management System													
	A	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*210,294*	*0*	0	50,000	150,000	20,000	20,000	100,000	0	0	0	0	340,000
Financing Plan													
Cash Capital	*210,294*	*0*	0	50,000	150,000	20,000	20,000	100,000	0	0	0	0	340,000
Total Financing Plan	*210,294*	*0*	0	50,000	150,000	20,000	20,000	100,000	0	0	0	0	340,000
Add. Operating Impact													
Annual Impact			0	0	65,000	0	0	71,027	0	0	77,613	0	213,641
Cumulative Impact			0	0	65,000	65,000	65,000	136,027	136,027	136,027	213,641	213,641	213,641

Changes from Prior Year CIP: Last year's CIP did not include any funding for this project after FY 2014. A total of $340,000 is added from FY 2016 - 2020 based on updated projected needs.

Project Description & Justification

This project provides funding to further enhance Microsoft System Center, a multi-module software which 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 the 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 Courts to manage technical requests.

Funds in the amount of $50,000 in FY 2016 will be used for system assessment, refinement, and remediation. Funds in the amount of $150,000 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 & City Manager's Performance Plan

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*0*	*0*	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													
Cash Capital	*0*	*0*	0	0	0	0	450,000	450,000	450,000	450,000	450,000	450,000	2,700,000
Comcast Revenues	*0*	*0*	450,000	450,000	450,000	450,000	0	0	0	0	0	0	1,800,000
Total Financing Plan	*0*	*0*	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	4,500,000
Add. 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: Essentially a new project for FY 2015. All Comcast revenue has been distributed to other eligible projects, except for the $450,000 annual payment to Comcast for monthly support. Comcast revenue is assumed through FY 2018, which is the end of the current contract.

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 & City Manager's Performance Plan

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.

Fort Ward INET

Document Subsection: Network Services
Managing Department: Office of Historic Alexandria
Supporting Department(s): Information Technology Services
ORG: TBD

Project Location: 4301 W. Braddock Road
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies N/A

Fort Ward I-Net Connectivity													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	40,000	*40,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	40,000	*40,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	40,000	*40,000*	0	0	0	0	0	0	0	0	0	0	0
Add. 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. As of 02/2014, a project balance of $40,000 remains.

Project Description & Justification

This project funds the connection of the Fort Ward Museum to the City's I-Net. It will provide staff with the ability to work more effectively with their colleagues in other Historic Alexandria museums and throughout the City, and provide them with better access to shared departmental network files and applications and to City-wide applications.

There have been no changes to this project since funding was approved of $40,000 in FY 2013 to provide Fort Ward Museum access to the City's I-Net. The funds have not yet been scheduled for allocation, pending a City-wide decision on Municipal Fiber.

Strategic Plan & City Manager's Performance Plan

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

An additional impact to the operating budget is not anticipated.

Email, Messaging, and Conferencing System

Document Subsection: Network Services
Managing Department: Information Technology Services
Supporting Department(s): Multiple Departments
ORG: 55211905

Project Location: N/A
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies

Email, Messaging, and Conferencing System													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	75,000	*75,000*	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	75,000	*75,000*	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	75,000	*75,000*	0	0	0	0	0	0	0	0	0	0	0
Add. 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. As of 02/2014, a project balance of $75,000 remains.

Project Description & Justification

In October 2011, the City transitioned from Microsoft Business Productivity Online Standard Suite (BPOS) to Office 365, Microsoft's latest generation of communications and collaboration hosted services at that time. The City upgraded to Microsoft's next generation of hosted services in November 2013, and the Exchange Hosted Archive was upgraded in December 2013. These upgrades were prerequisites for the hosted encryption upgrade.

This project's funding is to fully prepare and strategically align City policy requirements (archiving and retention) and onsite infrastructure requirements (Active Directory integration, desktop client readiness, and mobile device compatibility). Prior year funding of $75,000 will be used to complete the Lync Online deployment, pilot initiatives relating to the latest releases of the hosted services, email security, and unified communications (integration with VoIP).

City's Strategic Plan & City Manager's Performance Plan

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 Collaboration (including AlexStat Hardware & Software)

Document Subsection: Network Services
Managing Department: Information Technology Services
Supporting Department(s): Multiple Departments
ORG: NEW

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*0*	*200,000*	290,000	40,000	40,000	40,000	40,000	40,000	0	0	0	0	490,000
Financing Plan													
Prior City Funding	*0*	*200,000*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	290,000	40,000	40,000	40,000	40,000	40,000	0	0	0	0	490,000
Total Financing Plan	*0*	*200,000*	290,000	40,000	40,000	40,000	40,000	40,000	0	0	0	0	490,000
Add. 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: Last year's CIP did not include any funding for this project after FY 2014. Funding is planned in FY 2015 for AlexStat hardware and software, as well as on-going costs to support other City-wide enterprise collaboration projects.

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 portion of the $290,000 in funds programmed in FY 2015 ($40,000) and the amounts programmed in the out-years will be used for professional services, increased licensing for power users (departmental administrators), and to build out a hybrid online and on-premises SharePoint environment. The remaining $250,000 is programmed to support the Office of Performance and Accountability (OPA) IT needs with AlexStat. The support for AlexStat is critical to implementation of the City Manager's Performance Plan.

City's Strategic Plan & City Manager's Performance Plan

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

An additional operating impact in FY 2015 of $50,000 for hardware and software maintenance contracts and licensing requirements is added for FY 2016; increased by inflation beginning in FY 2017 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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	210,000	*160,000*	50,000	0	0	0	0	0	0	0	0	0	50,000
Financing Plan													
Cash Capital	210,000	*160,000*	50,000	0	0	0	0	0	0	0	0	0	50,000
Total Financing Plan	210,000	*160,000*	50,000	0	0	0	0	0	0	0	0	0	50,000
Add. 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 $50,000 is added in FY 2015 to continue very preliminary feasibility work associated with this project.

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 fiber availability. Additionally, the performance degradation caused when too many sites are added on the network rings forces the City to maintain downstream sites that do not have network redundancy.

In an effort to address the capacity limitations and lack of network redundancy at all City sites, the City should consider a municipally-owned fiber network and/or wireless broadband network(s). In order to fully understand the costs and benefits of these options, ITS conducted a feasibility and design study in FY 2012 to install City-owned fiber and/or wireless broadband networks that are independent of the current I-Net infrastructure.

This project provides funds of $50,000 in FY 2015, to do a business plan study of a City owned fiber network. Funds previously provided in FY 2012 allowed the City to 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.

City's Strategic Plan & City Manager's Performance Plan

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 not anticipated.

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*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	*Unallocated (02/14)*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	*0*	*0*	0	250,000	150,000	150,000	150,000	75,000	75,000	0	0	0	850,000
Financing Plan													
Prior City Funding	*0*	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	*0*	*0*	0	250,000	150,000	150,000	150,000	75,000	75,000	0	0	0	850,000
Total Financing Plan	*0*	*0*	0	250,000	150,000	150,000	150,000	75,000	75,000	0	0	0	850,000
Add. 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: Project was not included in last year's plan. Additional funding to expand remote access capabilities added beginning FY 2016.

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 project funds software licensing, client access licenses, software upgrades, and hardware replacement. Citrix and virtual private tunneling applications provide staff secure access to perform work from a location that has Internet access.

The current Citrix platform will be at its end-of-life of mainstream support on July 14, 2015. Funds in the amount of $250,000 in FY 2016 and those programmed in subsequent years of this plan will be used to procure new licensing, perform the upgrade, assess application compatibility, and procure related hardware devices.

City's Strategic Plan & City Manager's Performance Plan

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 2017 to account for increased security costs associated with employee teleworking initiatives. Costs are increased by inflation in FY 2018 and each year thereafter.

Network Operations Center (NOC) Relocation

Document Subsection: Network Services
Managing Department: Information Technology Services
Supporting Department(s): General Services
ORG: NEW

Project Location: TBD
Reporting Area: N/A
Project Category: IT Plan
Estimated Useful Life: Varies

Network Operations Center (NOC) Relocation													
	A (B+M)	*B*	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	*Through FY 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	6,500,000	*0*	6,500,000	0	0	0	0	0	0	0	0	0	6,500,000
Financing Plan													
General Obligation Bonds	4,500,000	*0*	4,500,000	0	0	0	0	0	0	0	0	0	4,500,000
Prior Year CIP/Close-Out	2,000,000	*0*	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000
Total Financing Plan	6,500,000	*0*	6,500,000	0	0	0	0	0	0	0	0	0	6,500,000
Add. 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 for FY 2015. Funding is provided to move the City's Network Operations Center to a more suitable, permanent location in a City-owned facility.

Project Description & Justification

The City's core 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 to relocate to an entirely City-owned facility, and in the process implement improvements that will 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.

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. In addition, the water-based fire suppression system lacks an emergency electrical power off switch. Currently there is an inability to improve cool airflow due to height restrictions and the clearances required by the existing fire suppression system. Electrical 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 will provide funds for the design of a new NOC to meet industry standards and best practices, and accommodate future growth. Funds in the amount of $6.5 million have been included in FY 2015 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.

City's Strategic Plan & City Manager's Performance Plan

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 2014*	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	16,500,000	*0*	0	0	0	0	0	500,000	4,000,000	4,000,000	4,000,000	4,000,000	16,500,000
Financing Plan													
General Obligation Bonds	0	*0*	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	16,500,000	*0*	0	0	0	0	0	500,000	4,000,000	4,000,000	4,000,000	4,000,000	16,500,000
Total Financing Plan	16,500,000	*0*	0	0	0	0	0	500,000	4,000,000	4,000,000	4,000,000	4,000,000	16,500,000
Add. 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: Funding in FY 2020 - 2024 is increased from $2.5 million to $4.0 million annually based on FY 2015 - 2020 IT needs. Funds will be programmed for specific projects in future years.

Project Description & Justification

This project reserves IT project future funding in FY 2020 – FY 2024 in the approved FY 2015 CIP. This funding will be applied to specific projects at a later time.

City's Strategic Plan & City Manager's Performance Plan

N/A

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 proposed budget to be considered by the City Council. Those scenarios will be updated to reflect the decisions of the City Council and issued with the approved budget. In order to improve financial planning and decisions, the City Manager also will annually prepare with the approved budget a set of ten-year scenarios of possible future General Fund revenues and expenditures and their effects on the debt-related financial policy ratios outlined above, including the effect of planned borrowing under the approved CIP.

[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.

In accordance with the Government Finance Officers Association (GFOA) budget review requirements, this table, taken from the City's FY 2013 Comprehensive Annual Financial Report is repeated here:

City of Alexandria, Virginia
Computation of Legal Debt Margin
As of June 30, 2013

Assessed Value of Real property, January 1, 2013……		$34,725,071,000
Debt Limit: 10 Percent of Assessed Value……		$3,472,507,100
Amount of Debt Applicable to Debt Limit:		
General Obligation Bonds	$508,700,000	
Total General Obligation Debt……		($508,700,000)
LEGAL DEBT MARGIN……		$2,963,807,100

Source: City of Alexandria Comprehensive Annual Financial Report, Fiscal Year Ended June 30, 2013, 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 2015 - FY 2024 Capital Improvement Program has been prepared pursuant to Section 6.14 of the Alexandria City Code, as amended, which states that 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] Again, while 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.

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APPENDICES

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Appendix A: Projects Removed from the CIP

Prior Year Projects Deleted in the FY 2015 - 2024 Capital Improvement Program

A number of projects that were listed in the prior year Capital Improvement Program (CIP) no longer appear in the FY 2015 – 2024 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 two or more related projects have been combined to create a single, all-inclusive project.

Community Development

- Woodrow Wilson Bridge Projects – work associated with the Freedman's Cemetery and S. Washington Streetscape improvements will be complete by the end of FY 2014.

Recreation & Parks

- Chinquapin Aquatics Center (Existing Infrastructure) – project will be completed by the end of FY 2014. HVAC, roof, and other facilities improvements will be completed.

Transit & Transportation

- ADA – Transportation Facilities – These upgrades are still funded; however they have been combined with both the Complete Streets and Bus Shelters and Benches projects. This project was only funded at $10,000 annually.

- Street/Alley Reconstructions and Extensions – All reconstruction work is now rolled into a single Street Reconstruction and Resurfacing project to combine like projects.

- Duke Streets Complete Streets – Rolled into the Transit Corridor "B" project.

Information Technology Plan

- Virtual Adjudication – This project funded technology to enable "virtual", Internet-based hearings for contested tickets. As part of the adopted Fiscal Year 2014 budget, funding for the Parking Adjudication Office was eliminated, and the parking citation appeal process was shifted back to Alexandria General District Court.

- Public Safety Radio System Replacement – This project was a continuing project begun in FY 2005 to replace City subscriber radios that were lost, damaged, stolen or no longer economical to repair. This project does not require additional funding and has been completed.

- DCHS Medical Records Management – This project involved DCHS medical records migrating from a paper-based records system to an integrated, electronic medical records (EMR) system. The needs of this project have been transitioned to the DCHS HIPAA Data Security Compliance project which is managed by the same department.

- Small Business Development Center – This website project included funding to update the public website for the Alexandria Small Business Development Center at alexandriasbdc.org. The website project officially started in September 2013 and is expected to be completed in the spring of 2014.

- Library Wireless Solution – This project funded the acquisition of multiple internet access points for all four City Library buildings to help improve the current service. As of the end of CY 2013, wireless access points have been implemented at all Library branches.

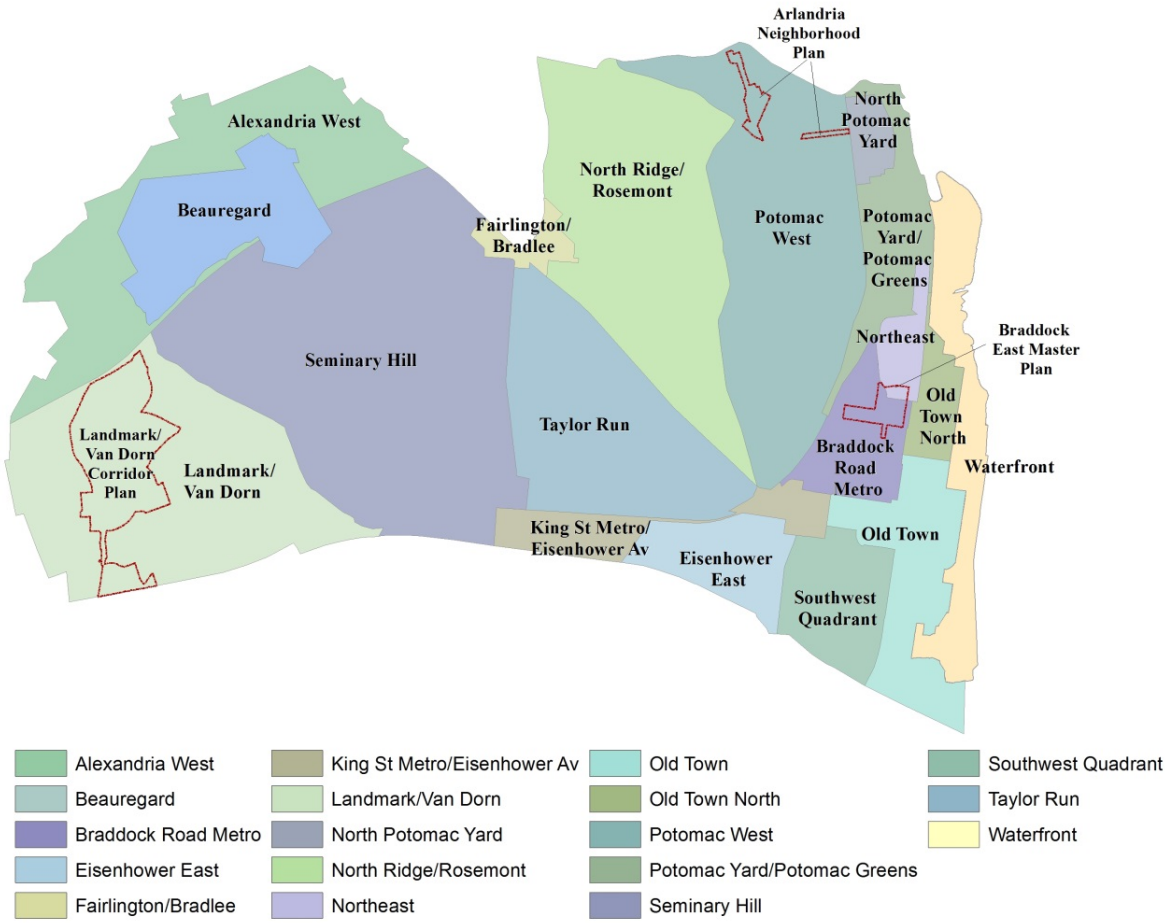
- Library Equipment Replacement - This project funded the acquisition and installation of staff workstations, public terminals, servers, and other peripherals to replace outdated equipment throughout the library system. These funds were used to upgrade old equipment to meet the needs to serve the public and staff. The library will finalize procuring the last of the equipment by the end of fiscal year 2014.

- Library LAN/WAN Infrastructure - This project funded the acquisition and installation of upgraded CAT 6e cabling and the addition of more drops throughout the library system. This project has been completed at the Beatley Central Library.

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 Location:

Reporting Area	Project	CIP Section
Alexandria West	Health Department Garage Concrete Deck and Parking Restoration	Public Buildings
Alexandria West	Van Dorn/Beauregard Bicycle Facilities	Transportation - Non-Motorized Transportation
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
Arlandria Neighborhoods Plan	Mt. Vernon Avenue / Russell Road Intersection	Transportation - Streets & Bridges
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 Road Metro Multimodal Connections	Transportation - Non-Motorized Transportation
Braddock Metro Area	Braddock Area Plan Park	Recreation & Parks
Braddock Metro Area	Braddock Road Area Plan – Streetscape Improvements	Community Development
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	Emergency Operations Center/Public Safety Center Reuse	Public Buildings
Fairlington/Bradlee	King Street / Quaker Lane / Braddock Road Intersection	Transportation - Streets & Bridges
King Street Metro/Eisenhower Ave.	King Street Metrorail Station Area Improvements	Transportation - Public Transit
Landmark Van Dorn/Beauregard Small Area Plan	Transit Corridor "C" Transit Priority	Transportation - High Capacity Transit Corridors
Landmark Van Dorn/Beauregard Small Area Plan	Transit Corridor "C" - Beauregard	Transportation - High Capacity Transit Corridors
Landmark/Van Dorn	Boothe Park and Playground Renovation	Recreation & Parks
Landmark/Van Dorn	Access to Transit	Transportation - Non-Motorized Transportation
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	Landmark Transit Station	Transportation - Public Transit
Landmark/Van Dorn	Fire Station 210 (Eisenhower Valley) / Impound Lot	Public Buildings
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, 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
Old Town	Gadsby Lighting Fixtures and Poles Replacement	Community Development
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

CIP Projects by Location (Continued):

Reporting Area	Project	CIP Section
Old Town	Courthouse Renovations – HVAC Replacement and Capital Facilities Mair	Public Buildings
Old Town	King and West Combined Sewer Diversion Structure	Sanitary Sewers
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 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 Metro/Eisenhower Ave.	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	Four Mile Run Sanitary Sewer Repair	Sanitary Sewers
Potomac West	Four Mile Run Channel Maintenance	Stormwater Management
Potomac West	East Del Ray Avenue Pocket Park (Phase II)	Recreation & Parks
Potomac West	Route 1 at East Reed Avenue	Transportation - Streets & Bridges
Potomac West, Southwest Quadrant	Park Maintenance Facilities	Recreation & Parks
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
Seminary Hill/Strawberry Hill	Fire Station 211	Public Buildings
Seminary Hill/Strawberry Hill	Vola Lawson Animal Shelter Capital Facilities Maintenance Program	Public Buildings
Seminary Hill/Strawberry Hill	Athletic Field Restroom Renovations	Recreation & Parks
Seminary Hill/Strawberry Hill	Ft. Ward Stormwater	Stormwater Management
Seminary Hill/Strawberry Hill	Lake Cook Stormwater Management	Stormwater Management
Southwest Quadrant	Wet Weather Management Facility	Sanitary Sewers
Southwest Quadrant	AlexRenew Wastewater Treatment Plant Capacity	Sanitary Sewers
Southwest Quadrant	Burn Building – Smoke Stack Demolition	Public Buildings
Southwest Quadrant	Police K-9 Facility Renovation	Public Buildings
Taylor Run/Duke Street	Fleet Facility – Lift Replacement	Public Buildings
Taylor Run/Duke Street	Fire Station 207 (Duke Street)	Public Buildings
Taylor Run/Duke Street	Chinquapin Aquatics Center (Renovations with Competition Pool)	Recreation & Parks
Taylor Run/Duke Street	Taylor Run at Janney's Lane	Stormwater Management
Taylor Run/Duke Street	Transit Corridor "B" – Duke Street	Transportation - High Capacity Transit Corridors
TBD	Aquatics Facilities to be Determined	Recreation & Parks

CIP Projects by Location (Continued):

Reporting Area	Project	CIP Section
Waterfront	Waterfront Small Area Plan Implementation	Community Development
Waterfront	Windmill Hill Park Improvements	Recreation & Parks
Waterfront	City Marina Maintenance	Recreation & Parks
Waterfront	City Marina Restrooms	Recreation & Parks
Waterfront	City Marina Seawalls	Recreation & Parks
Waterfront	City Marina Utility Upgrades	Recreation & Parks
Waterfront	Oronoco Outfall	Community Development
Waterfront	City Marina Waterfront Dredging	Community Development

Citywide CIP Projects:

Reporting Area	Project	CIP Section
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	Replacement of Self Contained Breathing Apparatus (SCBA)	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 (CFMP)	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	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 CIP Projects (Continued):

Reporting Area	Project	CIP Section
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 Improvements	Stormwater Management
Citywide	Storm Sewer System Spot Improvements	Stormwater Management
Citywide	City Facilities Stormwater Best Management Practices (BMPs)	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	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	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	Street Reconstruction and Resurfacing of Major Roads	Transportation - Streets & Bridges
Citywide	Bridge Repairs	Transportation - Streets & Bridges

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 2015 – 2024 Capital Improvement Program (CIP) development process.

Align with Strategic Plan			
Evaluation Criteria	**Magnitude of Criteria**		
	0	**1**	**2**
Supports Economic Development (Goal 1)	Project is inconsistent with this goal of the City's Strategic Plan	Project is consistent with this goal of the City's Strategic Plan though not necessarily mentioned	Project is consistent with this goal of the City's Strategic Plan and directly mentioned in the Plan
Environmental Quality & Health (Goal 2)	Project is inconsistent with this goal of the City's Strategic Plan	Project is consistent with this goal of the City's Strategic Plan though not necessarily mentioned	Project is consistent with this goal of the City's Strategic Plan and directly mentioned in the Plan
Supports Transportation & Land Use Planning (Goal 3)	Project is inconsistent with this goal of the City's Strategic Plan	Project is consistent with this goal of the City's Strategic Plan though not necessarily mentioned	Project is consistent with this goal of the City's Strategic Plan and directly mentioned in the Plan
Supports Well-Being & Success of Children, Youth & Families (Goal 4)	Project is inconsistent with this goal of the City's Strategic Plan	Project is consistent with this goal of the City's Strategic Plan though not necessarily mentioned	Project is consistent with this goal of the City's Strategic Plan and directly mentioned in the Plan
Financially Sustainable (Goal 5)	Project is inconsistent with this goal of the City's Strategic Plan	Project is consistent with this goal of the City's Strategic Plan though not necessarily mentioned	Project is consistent with this goal of the City's Strategic Plan and directly mentioned in the Plan
Public Health & Safety (Goal 6)	Project is inconsistent with this goal of the City's Strategic Plan	Project is consistent with this goal of the City's Strategic Plan though not necessarily mentioned	Project is consistent with this goal of the City's Strategic Plan and directly mentioned in the Plan
Caring/Inclusive Community that Values Rich Diversity, History & Culture (Goal 7)	Project is inconsistent with this goal of the City's Strategic Plan	Project is consistent with this goal of the City's Strategic Plan though not necessarily mentioned	Project is consistent with this goal of the City's Strategic Plan and directly mentioned in the Plan
Executes against our strategy & accountability for results			
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

Evaluation Criteria	Magnitude of Criteria		
	0	1	2
Promotes leadership & ownership at all levels			
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			
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: Project Rankings

The following list contains all capital projects reviewed during the FY 2015 – 2024 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, links to the City's Strategic Plan, and to the City Manager's Performance 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. Projects not ranked are still active CIP projects, but did not request additional funding from FY 2015 - 2024.

CIP Section	Project	Ranking	Funded	Not Funded	PROPOSED FY 15-24 TOTAL	Amount Not Funded (Total or Portion)
Transportation	Route 1 Transitway	27	X		$ 600,000	$ -
Recreation & Parks	ADA Requirements	26.5	X		$ 261,000	$ -
Public Buildings	Energy Management Program	25	X		$ 6,185,000	$ -
Recreation & Parks	Playground Renovations CFMP	25	X		$ 6,450,000	$ -
Transportation	Major Road Resurfacing & Street & Alley Reconstruction	25	X		$ 46,268,000	$ -
Transportation	WMATA Capital Contributions	25	X		$ 55,310,000	$ -
Recreation & Parks	Park Renovations CFMP	24.5	X		$ 3,980,000	$ -
Transportation	ADA - Transportation Facilities	24.5	X		$ -	$ -
Transportation	Potomac Yard Metrorail Station	24.5	X		$ 279,025,000	$ -
IT Plan	Connectivity Initiatives	24	X		$ 4,500,000	$ -
IT Plan	IT Enterprise Management System	24	X		$ 340,000	$ -
IT Plan	Network Server Infrastructure	24	X		$ 2,050,000	
IT Plan	Voice Over IP	24	X		$ 1,750,000	$ -
Recreation & Parks	Patrick Henry Recreation Center	24	X		$ 6,150,000	$ -
Community Development	Waterfront Small Area Plan Implementation (Planning, Design, Engineering Only)	23.5	X		$ 2,000,000	$ 150,000
Community Development	Waterfront Small Area Plan Implementation (Future Capital Improvements)	N/A		X	$ -	Unknown
IT Plan	Enterprise Resource Planning System	23.5	X		$ 575,000	$ 841,725
IT Plan	IT Equipment Replacement	23.5	X		$ 2,240,000	$ -
IT Plan	Upgrade Work Station Operating Systems	23.5	X		$ 1,125,000	$ -
Sanitary Sewers	Combined Sewer Separation Projects	23.5	X		$ 3,000,000	$ -
Sanitary Sewers	Combined Sewer System Permit Compliance	23.5	X		$ 2,700,000	$ -
Transportation	Seminary Rd. at Beauregard Ellipse	23.5	X		$ 37,575,000	$ -
Transportation	Transit Corridor "C" - Beauregard	23.5	X		$ 93,557,000	Esimated at $44M
IT Plan	Computer Aided Dispatch System Replacement	23	X		$ 3,222,000	$ -
Recreation & Parks	Citywide Large Park Improvements	23		X	$ -	$29.6 - $37.4M
Sanitary Sewers	AlexRenew WWTP Capacity	23	X		$ 34,220,000	$ -
Sanitary Sewers	Reconstructions & Exts. of Sanitary Sewers	23	X		$ 8,100,000	$ -
Transportation	DASH Bus Fleet Replacements	23	X		$ 46,150,000	$ -
Sanitary Sewers	Combined Sewer Overflow 001 Planning	22.5	X		$ 500,000	$ -
Recreation & Parks	Ball Court Renovations	22	X		$ 1,350,000	$ -
Recreation & Parks	Open Space Acquisition and Develop.	22	X		$ 26,300,000	$ 250,000
Recreation & Parks	Recreation Centers CFMP	22	X		$ 7,000,000	$ -
Sanitary Sewers	Citywide Sewershed Infiltration & Inflow	22	X		$ 15,300,000	$ -
Stormwater Management	MS4-TMDL Compliance Water Quality Imprv.	22	X		$ 21,400,000	$ -
Stormwater Management	Cameron Station Pond Retrofit	N/A	X		$ 3,500,000	$ -
Stormwater Management	City Facilities Stormwater BMPs	N/A	X		$ 1,500,000	$ -
Stormwater Management	Lake Cook Stormwater Management	N/A	X		$ 2,400,000	$ -
Transportation	Bridge Repairs	22	X		$ 5,175,000	$ -
Transportation	Complete Streets	22	X		$ 9,440,000	$ -
Transportation	King & Beauregard Intersection Improvements	22	X		$ 1,000,000	$ -
Transportation	Supplemental Sidewalk Maintenance	22	X		$ 3,200,000	$ 1,800,000

CIP Section	Project	Ranking	Funded	Not Funded	PROPOSED FY 15-24 TOTAL	Amount Not Funded (Total or Portion)
Other Regional Contributions	Northern Virginia Community College	21.5	X		$ 3,818,242	$ -
Other Regional Contributions	Northern Virginia Regional Park Authority	21.5	X		$ 3,759,760	$ -
Public Buildings	Building Physical Conditions Assessment	21.5	X		$ 1,001,000	$ -
Public Buildings	General Services CFMP	21.5	X		$ 13,800,000	$ -
Public Buildings	Library CFMP	21.5	X		$ 1,730,000	$ -
Recreation & Parks	City Marina Maintenance	21.5	X		$ 900,000	$ -
Transportation	Capital Bikeshare	21.5	X		$ 2,354,000	$ -
Community Development	Fire Department Vehicles & Apparatus	21	X		$ 23,483,000	$ -
IT Plan	Database Infrastructure	21	X		$ 200,000	$ -
IT Plan	Enterprise Data Storage Infrastructure	21	X		$ 1,650,000	$ -
IT Plan	Enterprise Maintenance Mgmt System	21	X		$ 450,000	$ -
Other Regional Contributions	Peumansend Creek Regional Jail	21	X		$ 312,329	$ -
Public Buildings	City Historic Facilities CFMP	21	X		$ 3,350,000	$ -
Public Buildings	Fire Department CFMP	21	X		$ 4,000,000	$ -
Public Buildings	Fire Station 203 (Cameron Mills)	21	X		$ 7,721,000	$ -
Public Buildings	Mental Health Residential Facilities CFMP	21	X		$ 1,500,000	$ -
Recreation & Parks	Athletic Field Improvements (incl. Synthetic Turf)	21	X		$ 16,110,000	$ -
Recreation & Parks	Tree & Shrub Capital Maintenance	21	X		$ 3,010,000	$ -
Sanitary Sewers	Wet Weather Management Facility	21	X		$ 22,250,000	$ -
Community Development	Self Contained Breathing Apparatus	20.5	X		$ 1,323,370	$ -
IT Plan	Customer Relationship Management System	20.5	X		$ 955,000	$ -
Public Buildings	Emergency Generators	20.5	X		$ 2,997,000	$ -
Public Buildings	Fire Station 211 (Beauregard)	20.5	X		$ 13,200,000	$ -
Public Buildings	Vola Lawson Animal Shelter	20.5	X		$ 300,000	$ -
Recreation & Parks	City Marina Seawalls	20.5	X		$ 1,700,000	$ -
Recreation & Parks	Public Pools	20.5	X		$ 520,000	$ -
Recreation & Parks	Soft Surface Trails	20.5	X		$ 1,200,000	$ -
Recreation & Parks	Water Management & Irrigation	20.5	X		$ 1,152,000	$ -
Recreation & Parks	Windmill Hill Park Improvements	20.5	X		$ 4,000,000	$ -
Stormwater Management	Four Mile Run Channel Maintenance	20.5	X		$ 1,200,000	$ -
Transportation	Access to Transit	20.5	X		$ 60,000	$ -
Transportation	Hybrid Bus / Trolley Battery Packs	20.5	X		$ 1,250,000	$ -
IT Plan	Email, Messaging, and Conferencing	20		X	$ -	$ 150,000
IT Plan	GIS Development	20	X		$ 680,000	$ -
IT Plan	LAN Development	20	X		$ 105,000	$ -
IT Plan	LAN/WAN Infrastructure	20	X		$ 1,670,000	$ -
IT Plan	Network Operations Center (NOC) Renovations	20	X		$ 6,500,000	$ -
IT Plan	Permit Processing	20	X		$ 1,729,000	$ -
Public Buildings	Adult Detention Center HVAC Replacement	20	X		$ 980,700	$ -
Public Buildings	Fire Station 206 (Seminary Rd)	20	X		$ 10,887,000	$ -
Public Buildings	Roof Replacement Program	20	X		$ 2,799,000	$ -
Stormwater Management	Stream & Channel Maintenance	20	X		$ 6,100,000	$ -
Community Development	Public Art Conservation Program	19.5	X		$ 187,500	$ 97,500
Community Development	Transportation Signage & Wayfinding System	19.5	X		$ 1,749,000	$ -
IT Plan	Enterprise Collaboration (Including OPA/AlexStat Hardware & Software)	19.5	X		$ 490,000	$ -
Public Buildings	Elevator Replacement/Refurbishment	19.5	X		$ 2,830,000	$ -
Public Buildings	Fire Station 205 (Cameron Street)	19.5	X		$ 10,603,000	$ -
Public Buildings	Fire Station 207 (Duke Street)	19.5	X		$ 17,972,000	$ -
Transportation	Fixed Transportation Equipment	19.5	X		$ 10,240,000	$ -
IT Plan	Security	19	X		$ 1,350,000	$ -
Recreation & Parks	Athletic Field Restroom Renovations	19	X		$ 900,000	$ -
Sanitary Sewers	Sewer Assessment & Rehabilitation	19	X		$ 8,800,000	$ -
Transportation	Shared-Use Paths	19	X		$ 3,000,000	$ -
Community Development	Braddock Road Area Plan - Streetscape Improvements	18.5	X		$ 660,831	$ -
IT Plan	Fire Radios	18.5	X		$ 394,000	$ -
IT Plan	Phone, Web, Portable Device Payment Portals	18.5	X		$ 1,060,000	$ -
Public Buildings	Office of the Sheriff CFMP	18.5	X		$ 4,600,000	$ -
Recreation & Parks	Four Mile Run Building Improvements	18.5		X	$ -	$ 106,700

CIP Section	Project	Ranking	Funded	Not Funded	PROPOSED FY 15-24 TOTAL	Amount Not Funded (Total or Portion)
Stormwater Management	Storm Sewer Capacity Assessment	18.5	X		$ 950,000	$ -
Stormwater Management	Storm Sewer System Spot Improvements	18.5	X		$ 2,700,000	$ -
Transportation	Lower Materials Yard Security Improvements	18.5		X	$ -	$ 75,000
Transportation	Madison & Montgomery Reconstruction	18.5	X		$ 7,425,000	$ -
Transportation	Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	18.5	X		$ 19,560,000	Unknown
Community Development	Gadsby Lighting Fixtures & Poles Replacement	18	X		$ 300,000	$ -
IT Plan	AJIS Enhancements	18	X		$ 474,000	$ 100,000
IT Plan	Real Estate Account Receivable System	18	X		$ 505,000	$ -
Public Buildings	Courthouse Renovations - HVAC and CFMP	18	X		$ 2,050,000	$ 700,000
Public Buildings	Health Dept Garage Concrete Deck & Parking Restoration	18	X		$ 900,000	$ -
Recreation & Parks	Pavement Improvements in Parks	18	X		$ 2,500,000	$ -
Stormwater Management	Green Infrastructure in CSO Areas	18	X		$ 1,200,000	$ 300,000
Transportation	DASH Fleet Expansion	18	X		$ 13,650,000	$ -
Transportation	Mt. Vernon Ave/Russell Road Intersection	18	X		$ 1,500,000	$ -
Community Development	Public Art Acquisition	17.5	X		$ 3,600,000	$ -
IT Plan	Remote Access	17.5	X		$ 850,000	$ -
Transportation	Pedestrian Access to Transit	17.5	X		$ -	$ 400,000
IT Plan	Business Tax System	17	X		$ 572,000	$ -
IT Plan	Personal Property Tax System	17	X		$ 890,000	$ -
IT Plan	Real Estate Assessment System (CAMA)	17	X		$ 830,000	$ -
Recreation & Parks	City Marina Utility Upgrades	17	X		$ 1,250,000	$ -
Transportation	Parking Technologies	17	X		$ 310,000	$ -
Community Development	City Marina Waterfront Dredging	16.5	X		$ 8,500,000	$ -
Community Development	Environmental Restoration	16.5	X		$ 750,000	$ -
IT Plan	DCHS HIPAA Data Security Compliance	16.5	X		$ 135,000	$ -
IT Plan	Document Imaging	16.5		X	$ -	$ 120,000
Public Buildings	Archives Public Records and Archeology Storage Expansion	16.5		X	$ -	$ 680,000
Public Buildings	Pistol Range	16.5	X		$ 1,680,000	$ -
IT Plan	Civic Engagement Implementation - Equipment	16		X	$ -	$ 51,950
IT Plan	Finance Payment Kiosk	16		X	$ -	$ 65,000
Public Buildings	City Hall HVAC & Infrastructure Replacement	16	X		$ 47,500,000	$ -
Public Buildings	Sheriff's Office Security Systems	16		X	$ -	$ 750,000
Transportation	Landmark Transit Station	16	X		$ 6,000,000	$ -
Community Development	Eisenhower West Transportation Study	15.5		X	$ -	$ 175,000
Public Buildings	Stormwater Best Management Practices Maintenance Program	15.5		X	$ -	$ 1,000,000
Recreation & Parks	Chinquapin Aquatics Center (Renovations w/ 50m Pool)	15.5	X		$ 19,500,000	$ -
IT Plan	EMS Records Management System	15		X	$ -	$ 400,000
IT Plan	Recreation Database System	15		X	$ -	$ 590,000
Public Buildings	Alexandria Library Security Camera Enhancements	15		X	$ -	Incl. in Burke Library costs
Public Buildings	Citywide Large Vehicle Wash	15		X	$ -	$ 2,335,100
Public Buildings	New Burn Building (Fire Department)	15		X	$ -	$ 1,870,000
Public Buildings	Video Surveillance at Public Works Locations	15		X	$ -	$ 110,000
Transportation	Backlick Run Multi-Use Paths	15	X		$ 3,200,000	$ -
Transportation	Bicycle Parking at Major Transit Stops	15	X		$ 750,000	$ -
Transportation	Van Dorn Metrorail Improvements	15	X		$ 1,750,000	$ -
Community Development	Street Lighting Citywide	14.5	X		$ 225,000	$ -
Recreation & Parks	Braddock Area Plan Park	14.5	X		$ 1,259,064	$ 10,000,000
Transportation	Old Cameron Run Trail	14.5	X		$ 3,500,000	$ -
Transportation	Parking Study	14.5	X		$ 150,000	$ -
Community Development	King Street Plan Implementation	14	X		$ 900,000	$ -
Public Buildings	EOC Audio/Visual Equipment for Fire & Rescue	14		X	$ -	$ 251,246
Recreation & Parks	Aquatics Facilities TBD	14	X		$ 5,000,000	$ -
Recreation & Parks	City Marina Restrooms	14	X		$ 75,000	$ 118,750
Public Buildings	Market Square Renovations	13.5		X	$ -	$ 800,000
Transportation	Transit Corridor "A" - Crystal City/Potomac Yard Streetcars	13.5	X		$ 3,000,000	$ -
Public Buildings	General District Court Clerk's Office Payment Center	13		X	$ -	$ 150,000
Recreation & Parks	Park Maintenance Facilities	13	X		$ 240,000	$ -

CIP Section	Project	Ranking	Funded	Not Funded	PROPOSED FY 15-24 TOTAL	Amount Not Funded (Total or Portion)
Recreation & Parks	West's Point Observation Deck	13		X	$ -	$ 60,000
Transportation	Van Dorn Metro Multimodal Bridge	13	X		$ 500,000	$ -
IT Plan	Customer Management (Queuing) System	12.5		X	$ -	$ 189,000
IT Plan	Municipal Fiber	12.5	X		$ 50,000	Unknown
Public Buildings	Gadsby's Tavern Restaurant Kitchen Equipment	12.5	X		$ 245,000	$ -
Recreation & Parks	Ft. Ward Management Plan Implementaiton	12.5		X	$ -	$ 300,000
Recreation & Parks	Polk Avenue Park	12.5		X	$ -	$ 320,000
Transportation	Braddock Rd. Metro Multimodal Connections	12.5	X		$ 500,000	$ -
Transportation	High Street Construction	12.5	X		$ 500,000	$ -
Transportation	Van Dorn/Beauregard Bicycle Facilities	12.5	X		$ 1,520,000	$ -
IT Plan	Telestaff Kronos Integration	12		X	$ -	$ 75,000
Recreation & Parks	Citywide Cultural Master Plan	12		X	$ -	$ 85,000
Transportation	Route 1 @ E. Reed Intersection Improvements	12	X		$ 350,000	$ -
Public Buildings	Alexandria Fire Dept New Shop/Logistics Facility	11.5		X	$ -	$ 7,500,000
IT Plan	Employee Pension Administration System	11	X		$ 550,000	$ -
IT Plan	Handheld Data Collection Devices	11	X		$ 25,000	$ -
Recreation & Parks	South Royal Street Observation Deck	11		X	$ -	$ 125,000
Transportation	Citywide Transportation Management System (SCOOT/TDi)	11	X		$ 500,000	$ -
Transportation	King Street Metrorail Station Area (Relocate Transit Store)	11	X		$ 1,146,000	$ -
IT Plan	I-NET Wireless	10		X	$ -	$ 1,200,000
Recreation & Parks	Artificial Holiday Tree	10		X	$ -	$ 70,000
IT Plan	Library Replacement Equipment (Burke Library)	9.5		X	$ -	$ 27,200
IT Plan	RPCA Records Management System	9		X	$ -	$ 50,000
Transportation	Transportation Technologies	8.5	X		$ 1,250,000	$ -
Public Buildings	Burke Library - Reorg of Formerly Shared Space by ACPS	7		X	$ -	$ 577,830
ACPS	ACPS Total Capacity Funding	N/A	X		$ 149,529,842	$ 36,426,607
ACPS	ACPS Total Non-Capacity Funding	N/A	X		$ 129,521,014	See above
IT Plan	IT Lump Sum Funding	N/A	X		$ 16,500,000	$ -
Transportation	Bus Shelters and Benches	N/A	X		$ 1,550,000	$ -
Transportation	Cameron & Prince Bicycle Facilities	N/A	X		$ 300,000	$ -
Transportation	Eisenhower Avenue Roadway Improvements	N/A	X		$ 500,000	$ -
Transportation	ITS Integration	N/A	X		$ 4,425,000	$ -
Community Development	Four Mile Run Stream Restoration	N/R			$ -	$ -
Community Development	Landmark/Van Dorn Area Plan Implementation	N/R			$ -	$ -
Community Development	Oronoco Outfall	N/R			$ -	$ -
IT Plan	DCHS Payment System Replacement	N/R			$ -	$ -
IT Plan	Electronic Government	N/R			$ -	$ -
IT Plan	Fire Records Management Project	N/R			$ -	$ -
IT Plan	Ford Ward INET	N/R			$ -	$ -
IT Plan	Purchasing System Upgrade	N/R			$ -	$ -
IT Plan	Radio Network Upgrade	N/R			$ -	$ -
IT Plan	Remote Radio Technology	N/R			$ -	$ -
Public Buildings	Burn Building - Smoke Stack Demolition	N/R			$ -	$ -
Public Buildings	City Hall Security Enhancements	N/R			$ -	$ -
Public Buildings	EOC/Public Safety Center Reuse	N/R			$ -	$ -
Public Buildings	Fire Station 210 (Eisenhower Valley)/Impound Lot	N/R			$ -	$ -
Public Buildings	Fleet Facility - Lift Replacement	N/R			$ -	$ -
Public Buildings	Police K-9 Facility Renovation	N/R			$ -	$ -
Public Buildings	Torpedo Factory Repairs	N/R			$ -	$ -
Recreation & Parks	Boothe Park and Playground Renovation	N/R			$ -	$ -
Recreation & Parks	E. Del Ray Avenue Pocket Park	N/R			$ -	$ -
Recreation & Parks	Restaurant Depot Contribution Projects	N/R			$ -	$ -
Sanitary Sewers	Four Mile Run Sanitary Sewer Repair	N/R			$ -	$ -
Sanitary Sewers	Holmes Run Trunk Sewer	N/R			$ -	$ -
Sanitary Sewers	King & West Combined Sewer Diversion Structure	N/R			$ -	$ -
Stormwater Management	Ft. Ward Stormwater	N/R			$ -	$ -
Stormwater Management	NPDES / MS4 Permit	N/R			$ -	$ -
Stormwater Management	Taylor Run at Janney's Lane	N/R			$ -	$ -

CIP Section	Project	Ranking	Funded	Not Funded	PROPOSED FY 15-24 TOTAL	Amount Not Funded (Total or Portion)
Transportation	BRAC Neighborhood Protection Plan	N/R			$ -	$ -
Transportation	Edsall and South Pickett Pedestrian Imprv.	N/R			$ -	$ -
Transportation	Holmes Run Greenway	N/R			$ -	$ -
Transportation	King/Quaker Lane/Braddock Rd. Inter.	N/R			$ -	$ -
Transportation	Mt. Vernon Trail @ East Abingdon	N/R			$ -	$ -
Transportation	Pedestrian & Bicycle Master Plan Update	N/R			$ -	$ -
Transportation	Safe Routes to Schools	N/R			$ -	$ -
Transportation	South Eisenhower Metrorail Station - South Entrance	N/R			$ -	$ -
Transportation	Street/Alley Reconstructions & Extensions	N/R			$ -	$ -
Transportation	Transit Corridor "C" Transit Priority	N/R			$ -	$ -
Transportation	Wilkes Street Bikeway	N/R			$ -	$ -
		Total			$ 1,458,533,652	

Appendix E: Operating Impacts

The following tables indicate the FY 2015 – FY 2024 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. Impacts are sorted by anticipated Funding Source.

Code Fund											
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-24
IT Plan											
Permit Processing System	$100,000	$103,000	$106,090	$109,273	$112,551	$115,927	$119,405	$122,987	$126,677	$130,477	$1,146,388

General Fund or Stormwater											
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-24
Stormwater											
Cameron Station Pond Retrofit	$0	$0	$0	$0	$67,500	$135,000	$139,050	$143,222	$147,518	$151,944	$784,233
City Facilities Stormwater Best Management Practices (BMPs)	$0	$0	$0	$25,000	$25,750	$26,523	$27,318	$28,138	$28,982	$29,851	$191,562
Lake Cook Stormwater Management	$0	$0	$100,000	$103,000	$106,090	$109,273	$112,551	$115,927	$119,405	$122,987	$889,234
MS4-Total Maximum Daily Load (TMDL) Compliance Water Quality Improvements	$0	$0	$0	$0	$50,000	$50,000	$100,000	$150,000	$150,000	$150,000	$650,000

NVTA 30%											
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-24
High Capacity Transit Corridors											
Route 1 Transitway	$2,420,000	$2,420,000	$1,573,000	$1,573,000	$1,573,000	$1,573,000	$1,573,000	$1,573,000	$1,573,000	$1,573,000	$17,424,000
Transit Corridor "C" - Beauregard	$0	$0	$0	$0	$600,000	$2,400,000	$2,400,000	$1,560,000	$1,560,000	$1,560,000	$10,080,000

P.Y. Special Tax District											
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-24
Public Transit											
Potomac Yard Metrorail Station	$0	$0	$0	$0	$695,000	$1,410,850	$1,453,176	$1,496,771	$1,541,674	$1,587,924	$8,185,395

Sanitary Sewer											
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-24
Sanitary Sewers											
Wet Weather Management Facility	$0	$0	$0	$0	$0	$309,000	$318,270	$327,818	$337,653	$347,782	$1,640,523

Sanitary Sewer/Stormwater											
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-24
Stormwater Management											
Green Infrastructure in CSO Areas	$0	$0	$750	$1,523	$1,569	$1,616	$1,664	$1,714	$1,766	$1,819	$12,420

Stormwater											
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-24
Community Development											
Oronoco Outfall	$150,000	$154,500	$159,135	$163,909	$168,826	$173,891	$179,108	$184,481	$190,016	$195,716	$1,719,582

TIP											
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-24
Non-Motorized Transportation											
Capital Bikeshare	$31,000	$111,000	$232,500	$381,000	$439,500	$478,500	$478,500	$478,500	$478,500	$478,500	$3,587,500
Holmes Run Greenway/Old Cameron Run/Backlick Run	$0	$0	$0	$10,000	$10,000	$20,000	$40,000	$50,000	$50,000	$50,000	$230,000
Public Transit											
Bus Shelters and Benches	$40,000	$41,200	$42,436	$43,709	$45,020	$46,371	$47,762	$49,195	$50,671	$52,191	$458,555
DASH Fleet Expansion	$0	$380,802	$1,038,082	$1,038,082	$1,038,082	$2,118,082	$2,690,082	$3,027,082	$3,308,082	$3,589,082	$18,227,458
King Street Metrorail Station Area Improvements	$0	$70,000	$60,000	$61,800	$63,654	$65,564	$67,531	$69,556	$71,643	$73,792	$603,540
TIP thru FY 19, TIP & G/F FY 20-20											
Community Development											
Transportation Signage & Wayfinding Program	$61,047	$62,878	$64,765	$66,708	$68,709	$95,770	$98,643	$101,603	$104,651	$107,790	$832,564

General Fund											
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-24
Community Development											
Citywide Street Lighting	$0	$0	$600	$1,200	$1,800	$2,400	$3,000	$3,600	$4,200	$4,800	$21,600
Four Mile Run Stream Restoration	$0	$12,000	$12,360	$12,731	$13,113	$13,506	$13,911	$14,329	$14,758	$15,201	$121,909
Fixed Transportation Equipment											
Fixed Transportation Equipment	$0	$2,500	$5,000	$7,500	$10,000	$12,500	$15,000	$17,500	$20,000	$22,500	$112,500
Intelligent Transportation Systems (ITS) Integration	$0	$10,000	$20,000	$20,600	$21,218	$21,855	$22,510	$23,185	$23,881	$24,597	$187,847
IT Plan											
Business Tax System/Reciprocity Contractor System	$0	$0	$0	$22,000	$22,660	$23,340	$24,040	$24,761	$25,504	$26,269	$168,574
Computer Aided Dispatch (CAD) System	$426,495	$1,025,000	$1,435,000	$1,323,000	$1,418,000	$1,505,000	$1,394,000	$1,419,000	$1,580,000	$1,544,000	$13,069,495
Customer Relationship Management System	$0	$0	$100,000	$103,000	$106,090	$109,273	$112,551	$115,927	$119,405	$122,987	$889,234
DCHS HIPAA Data Security Compliance	$0	$20,500	$21,115	$21,748	$22,401	$23,073	$23,765	$24,478	$25,212	$25,969	$208,262
Employee Pension Administration System	$0	$0	$0	$0	-$250,000	-$200,000	-$150,000	-$50,000	$0	$0	-$650,000
Enterprise Collaboration (Including AlexStat Hardware & Software)	$0	$50,000	$51,500	$53,045	$54,636	$56,275	$57,964	$59,703	$61,494	$63,339	$507,955
Enterprise Data Storage Infrastructure	$0	$25,000	$50,000	$75,000	$100,000	$125,000	$150,000	$175,000	$200,000	$225,000	$1,125,000
Enterprise Maintenance Management System	$0	$0	$20,000	$20,600	$21,218	$21,855	$22,510	$23,185	$23,881	$24,597	$177,847
Enterprise Resource Planning System	$147,000	$151,410	$155,952	$160,631	$165,450	$170,413	$175,526	$180,791	$186,215	$191,802	$1,685,190
Fire Radios	$0	$46,600	$47,998	$49,438	$50,921	$52,449	$54,022	$55,643	$57,312	$59,031	$473,414
Information Technology Enterprise Management System	$0	$0	$65,000	$0	$0	$71,027	$0	$0	$77,613	$0	$213,641
Personal Property Tax System	$0	$0	$0	$0	$25,000	$25,750	$26,523	$27,318	$28,138	$28,982	$161,710
Real Estate Accounts Receivable System	$0	$0	$0	$20,000	$20,600	$21,218	$21,855	$22,510	$23,185	$23,881	$153,249
Real Estate Assessment System (CAMA)	$0	$0	$0	$0	$0	$30,000	$30,900	$31,827	$32,782	$33,765	$159,274
Remote Access	$0	$0	$15,000	$15,450	$15,914	$16,391	$16,883	$17,389	$17,911	$18,448	$133,385
Voice Over Internet Protocol (VoIP)	$0	$30,000	$30,900	$31,827	$32,782	$33,765	$34,778	$35,822	$36,896	$38,003	$304,773

General Fund											
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-24
Non-Motorized Transportation											
Access to Transit	$0	$10,000	$10,300	$10,609	$10,927	$11,255	$11,593	$11,941	$12,299	$12,668	$101,591
Complete Streets	$0	$10,000	$20,000	$30,000	$40,000	$50,000	$60,000	$70,000	$80,000	$90,000	$450,000
Safe Routes to School	$0	$4,000	$4,120	$4,244	$4,371	$4,502	$4,637	$4,776	$4,919	$5,067	$40,636
Public Buildings											
Emergency Generators	$0	$2,060	$2,122	$2,185	$2,251	$2,319	$2,388	$2,460	$2,534	$2,610	$20,928
Energy Management Program	$0	-$229,000	-$301,000	-$381,000	-$391,000	-$401,000	-$410,000	-$432,000	-$465,000	-$508,000	-$3,518,000
Fire Station 203 (Cameron Mills)	$0	$1,200,000	$1,100,000	$1,133,000	$1,166,990	$1,202,000	$1,238,060	$1,275,201	$1,313,458	$1,352,861	$10,981,570
Fire Station 205 (Cameron Street)	$0	$0	$0	$0	$0	$0	$0	$12,000	$12,360	$12,731	$37,091
Fire Station 206 (Seminary Road)	$0	$0	$0	$0	$0	$12,000	$12,360	$12,731	$13,113	$13,506	$63,710
Fire Station 207 (Duke Street)	$0	$0	$0	$0	$12,000	$12,360	$12,731	$13,113	$13,506	$13,911	$77,621
Fire Station 210 (Eisenhower Valley) / Impound Lot	$140,160	$144,365	$148,696	$153,157	$157,751	$162,484	$167,358	$172,379	$177,550	$182,877	$1,606,777
Fire Station 211 (Beauregard)	$0	$0	$0	$0	$5,700,000	$5,400,000	$5,562,000	$5,728,860	$5,900,726	$6,077,748	$34,369,333
Public Transit											
South Eisenhower Metrorial Station - South Entrance	$0	$0	$15,000	$15,450	$15,914	$16,391	$16,883	$17,389	$17,911	$18,448	$133,385
Recreation & Parks											
Chinquapin Aquatics Center (Renovations w/ 50m Pool)	$0	$0	$0	$1,503,999	$1,549,119	$1,595,593	$1,643,460	$1,692,764	$1,743,547	$1,795,853	$11,524,335
City Marina Restrooms	$25,000	$30,000	$30,900	$31,827	$32,782	$33,765	$34,778	$35,822	$36,896	$38,003	$329,773
Park Maintenance Facilities	$0	$0	$0	$4,500	$9,270	$9,548	$9,835	$10,130	$10,433	$10,746	$64,462
Tree & Shrub Capital Maintenance	$0	$0	$45,000	$90,000	$92,700	$95,481	$98,345	$101,296	$104,335	$107,465	$734,622
Streets and Bridges											
Eisenhower Avenue Widening	$0	$0	$15,000	$15,450	$15,914	$16,391	$16,883	$17,389	$17,911	$18,448	$133,385
King & Beauregard Intersection	$0	$0	$15,000	$15,450	$15,914	$16,391	$16,883	$17,389	$17,911	$18,448	$133,385
King Street / Quaker Lane / Braddock Road Intersection	$0	$0	$15,000	$15,450	$15,914	$16,391	$16,883	$17,389	$17,911	$18,448	$133,385
Route 1 at East Reed Avenue Intersection Improvements	$0	$0	$0	$0	$0	$500	$0	$0	$0	$10,000	$10,500
Seminary Road at Beauregard Street Ellipse	$0	$0	$0	$0	$0	$0	$25,000	$25,750	$26,523	$27,318	$104,591

General Fund											
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 15-24
Community Development											
Public Art Acquisition	$0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Environmental Restoration	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Braddock Road Area Plan - Streetscpe Improvements	$0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
King Street Plan Implementation	$0	$0	$0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Recreation & Parks											
Patrick Henry Recreation Center	$0	$0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Open Space Acquisition and Development	$0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Braddock Area Plan Park	$0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Aquatics Facilities TBD	$0	$0	$0	$0	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Non-Motorized Transportation											
BRAC Neighborhood Protection Plan	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Van Dorn/Beauregard Bicycle Facilities	$0	$0	$0	$0	$0	$0	TBD	TBD	TBD	TBD	TBD
Fixed Transportation Equipment											
Transportation Technologies	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Parking Technologies	$0	$0	$0	$0	$0	TBD	TBD	TBD	TBD	TBD	TBD
Sanitary Sewers											
Combined Sewer System (CSS) Permit Compliance	$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
Emergency Operations Center (EOC) / Public	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Pistol Range	0	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
City Hall HVAC and Infrastructure Replaceme	$0	$0	$0	$0	$0	$0	$0	TBD	TBD	TBD	TBD
IT Plan											
Geographic Information Services (GIS) Development	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Information Technology Lump Sum Funding	$0	$0	$0	$0	$0	TBD	TBD	TBD	TBD	TBD	TBD

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